LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

HYDRAULIC AND WATER CONSERVATION DIVISIONS

REPORT TO WALTER J. WOOD, CHIEF ENGINEER

BIENNIAL REPORT

ON

HYDROLOGIC DATA

SEASONS 1965-66 AND 1966-67

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SEPTEMBER 1, 1968

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

HYDRAULIC AND WATER CONSERVATION DIVISIONS

September 1, 1968

File No. 2-40.04
Biennial Report on Hydrologic Data
Seasons 1965-66 and 1966-67

Mr. Walter J. Wood, Chief Engineer
Los Angeles County Flood Control District
2250 Alcazar Street
Los Angeles, California 90033

Dear Mr. Wood:

Transmitted herewith is the "Biennial Report on Hydrologic Data" for the seasons 1965-66 and 1966-67. This report includes data collected and compiled by the Hydraulic and Water Conservation Divisions of the District which are presented as follows:

1. Precipitation
2. Evaporation
3. Runoff
4. Dam Operation
5. Debris Basins
6. Groundwater and Conservation

Precipitation records include the daily records of 489 stations during the 1965-66 season and 486 during the 1966-67 season, of which 92 and 98 percent, respectively, furnished complete seasonal records.

Seasonal rainfall distribution throughout the County is shown by the following relationship to the 90-year normal indices for eight subareas of the County and for the total County area:

Area	Percent of Area	Percent of Normal Rainfall 1965-66	1966-67
Coastal Plain	14.5	112	119
San Fernando Valley	7.7	131	137
San Gabriel Valley	7.2	105	135
San Gabriel Mountains	13.6	143	155
Little and Big Rock Creeks	4.2	136	149
Santa Monica Mountains	5.8	146	152
Santa Clara River	18.7	135	150
Desert	28.3	133	104
County	100.0	130	131

Evaporation records were received each month from 31 and 30 stations, respectively, during the 1965-66 and 1966-67 seasons. Maximum evaporation occurred at Palmdale in the Antelope Valley for both seasons. Evaporation totals at this location for each season were 112.06 and 80.29 inches, respectively. Minimum seasonal evaporation of 47.65 inches occurred at Rio Hondo Spreading Grounds in 1965-66 and 43.28 inches at Arcadia Arboretum in 1966-67.

Runoff records presented include mean daily runoff compiled from the District's water stage recorders and streamflow measurements made at staff gages and various miscellaneous locations.

During 1965-66 and 1966-67, the District operated 100 recording streamflow stations located on main streams and tributary channels. Records obtained from these stations are supplemented by 12 stations operated by the United States Geological Survey in cooperation with the Los Angeles District, Corps of Engineers; 1 operated by Ventura County Water Resources Division; 1 operated by the District in cooperation with the San Bernardino County Flood Control District; 2 operated by The Metropolitan Water District; and 1 operated by the San Gabriel Spreading Corporation. These are also included in this publication. Cooperative assistance was given by the District in making measurements at these stations.

The two seasons of this report represent the first time since 1943-44 that two wet years occurred in sequence. As a result, flow in the mountain streams returned to near the amounts which were typical of the ten-year period prior to 1943-44 when rainfall was above normal. In the San Gabriel Mountains, discharge was approximately 230 percent of the long-term average. Total runoff from the urbanized valley areas was about double the normal amount. Ocean waste, not corrected for industrial sources, etc., was 208 percent of average in 1965-66 and 185 percent in 1966-67.

Dam operation data included in this report show daily reservoir water surface elevation, storage, and amount of inflow and outflow for 15 reservoirs operated by the District. Fourteen dams control 410 square miles of mountain drainage with a total controlled storage of 82,725 acre-feet at spillway lip elevation. Hamilton Bowl reservoir in Long Beach controls an additional 160 acre-feet.

A tabulation giving pertinent data for the season for 66 debris basins owned and operated by the District and 1 by the Corps of Engineers is included in this report.

Reclamation and enlargement of storage capacity in District reservoirs and debris basins during these seasons, obtained by excavation operations, amounted to 363,825 cubic yards.

A total of 970,232 acre-feet of local, imported, and reclaimed water was replenished to the ground water in spreading facilities, injection facilities, reservoirs, and unlined channels during the 1965-67 biennial period. This total consisted of 689,972 acre-feet of local water, 248,960 acre-feet of imported water, and 31,300 acre-feet of reclaimed water.

The above-normal rainfall in 1965-66 and 1966-67 resulted in a general rise of water levels in most groundwater basins. The San Gabriel Main Basin made one

of the more dramatic recoveries with some areas showing a 40- to 65-foot increase in groundwater elevations. This rise is primarily due to the spreading of over 500,000 acre-feet of imported and local water that was replenished to the Basin over the two-year period. The 1966-67 water year resulted in the greatest conservation of local runoff of record.

Groundwater maps have been completed from well measurements throughout the County and are included in the report.

The West Coast Basin Barrier Project has been expanded to provide protection over a 6.7-mile reach with an injection rate of about 57 cfs at the end of the report period. Additional construction of new facilities and redevelopment of older facilities are in progress for increased protection from seawater intrusion.

The operation of the Alamitos Barrier Project for protection of the Central Basin east of the City of Long Beach began in January of 1965. By the end of the report period, a total of 10,550 acre-feet of water had been injected. The water was purchased by the Central and West Basin Water Replenishment District and the Orange County Water District.

Initial construction of facilities for the Dominguez Gap Barrier Project occurred during 1967. However, injection operations will not commence until completion of the project in 1970.

The Whittier Narrows Water Reclamation Plant, which is operated by the County Sanitation Districts, has continued to satisfactorily demonstrate the feasibility of reclamation of water from sewage. The plant has exceeded its rated capacity of 12 mgd during most of the period. Also, conversion of detergent production by the detergent industry to a more readily degradable type has resulted in elimination of detergent fractionation operational phase at the plant.

Respectfully submitted,

James H. Brown
Division Engineer, Hydraulic

Tom H. Stauffer
Division Engineer, Water Conservation

Recommended

H. C. Porter
Assistant Chief Deputy Engineer

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PRECIPITATION RECORDS

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

PRECIPITATION

FOREWORD

This report contains basic precipitation and other weather records collected by the District for the seasons 1965-66 and 1966-67. It is the 38th and 39th of similar seasonal reports.

The District's "season" includes the period of October 1 through September 30, which conforms to the water year used by the United States Geological Survey. Daylight Saving Time was observed for the periods October 1 to 31, 1965, April 24 to October 30, 1966, and from April 30 to September 30, 1967, during which periods the clock was advanced one hour. Pacific Standard Time was used for the balance of the period.

SEASON 1965-66

Seasonal precipitation in Los Angeles County was above normal in the 1965-66 season, with an average of 20.61 inches, which was 130 percent of the 90-year seasonal normal for various representative stations.

Above-normal season rainfall was observed during only 3 of the preceding 21 seasons. Record rainfall amounts were observed in November. Total rainfall for November and December in most areas of the County exceeded normal seasonal amounts.

Precipitation of 0.01 inch or more fell on 37 days at Opid's (Camp Hi Hill), Station No. 57B-E, and on 29 days at Los Angeles-Ducommun Street, Station No. 716.

Isohyets for the 1965-66 season indicating rainfall distribution in the County are shown on Map I, page 33.

Los Angeles experienced its second warmest October of record.

SEASON 1966-67

Above-normal precipitation was again experienced in Los Angeles County in the 1966-67 season with an average of 21.67 inches or 131 percent of the 90-year seasonal normal for various representative stations. Substantial rainfall amounts were registered between November and January, March and April. The month of April was exceptional in that it was the sixth wettest month of record, having rain on 11 days at Los Angeles. April set a record for the lowest average temperature for the month, 56.1°F., a departure of −5.7°F. from normal, at Los Angeles. Snowfall depths of 30 and 48 inches at Big Pines and Table Mountain, respectively, in the San Gabriel Mountains were record amounts. Precipitation of 0.01 inch or more fell on 51 days at Opid's (Camp Hi Hill), Station No. 57B-E, and on 40 days at Los Angeles-Ducommun Street, Station No. 716.

Isohyets for the 1966-67 season indicating rainfall distribution in the County are shown on MapII, Page 35.

Average snow-depth measurements obtained at 12 snow courses on April 2, 3, 5, 6, and 8, 1967, ranged from 2.4 to 67.7 inches. Individual snow course data are shown in Summary of Snowfall on page 5.

COMPARATIVE RAINFALL

The following tables show comparison of monthly rainfall amounts in inches depth and percent of the 90-year normal monthly rainfall for Opid's (Camp Hi Hill), Station No. 57B-E, in the mountains, and for Los Angeles-Ducommun Street, Station No. 716, in the valley:

Station Name and No.	Month	Normal Monthly Rainfall	Rainfall 1965-66	Percent of Normal Rainfall 1965-66	Rainfall 1966-67	Percent of Normal Rainfall 1966-67
Opid's (Camp Hi Hill), Station No. 57B-E	Oct.	1.54	0	0	0.12	8
	Nov.	3.25	37.92	1170	7.36	230
	Dec.	7.01	14.71	210	20.10	290
	Jan.	8.61	0.92	11	10.45	120
	Feb.	9.31	3.09	33	0.64	7
	Mar.	6.13	0.87	14	12.00	200
	Apr.	2.76	0.07	3	12.71	460
	May	0.79	0.26	33	0.73	92
	June	0.10	0	0	0.02	20
	July	0.06	T	0	0	0
	Aug.	0.09	T	0	T	0
	Sep.	0.52	1.33	260	1.00	190
Season Totals		40.17	59.17	150	65.13	160
Los Angeles-Ducommun Street Station No. 716	Oct.	0.54	0	0	0.05	9
	Nov.	1.21	9.69	800	4.05	340
	Dec.	2.65	5.74	220	5.33	200
	Jan.	3.31	0.96	29	5.90	180
	Feb.	3.31	1.51	46	0.12	4
	Mar.	2.49	0.51	20	2.51	100
	Apr.	1.03	0	0	3.81	370
	May	0.33	0.22	67	0.01	3
	June	0.06	0	0	T	0
	July	0.01	T	0	0	0
	Aug.	0.03	T	0	T	0
	Sep.	0.18	0.29	160	1.06	590
Season Totals		15.15	18.92	130	22.84	150

The following table shows a comparison of seasonal rainfall in inches depth at eleven stations with 30 years or more records, located in the coastal, valley, foothill, mountain, and desert areas of Los Angeles County:

Station No.	Station Name	Elev. of Gage	90-Year Normal Rainfall	Years of Record	Total Rainfall 1965-66	Percent of Normal Rainfall 1965-66	Total Rainfall 1966-67	Percent of Normal Rainfall 1966-67
415	Signal Hill City Hall	140	11.85	30	12.81	110	13.41	110
5B	Calabasas	924	16.67	44	24.64	150	20.29	120
32C-E	Newhall	1243	17.69	91	24.59	140	25.50	140
716	Los Angeles Ducommun St.	300	15.15	95	18.92	130	22.84	150
610B	Pasadena	864	19.99	95	24.18	120	26.05	130
53D	Colby's	3620	29.75	70	38.97	130	43.86	150
57B-E	Opid's (Camp Hi Hill)	4250	40.17	50	59.17	150	65.13	160
338A	Mt. Wilson	5675	36.08	63	44.25	120	55.95	150
60A	Hoegee's	2600	40.02	42	52.05	130	63.39	160
85C	Mt. Baldy Guard Sta.	4275	32.57	47	53.10	160	56.06	170
455B	Lancaster	2395	6.91	44	7.72	110	6.13	89

MAXIMUM AND MINIMUM RAINFALL

The following tabulation presents maximum and minimum rainfall amounts in inches depth in Los Angeles County for the period of this report, using 5 p.m. standard gage amounts only:

Station No.	Station Name	Minimum Seasonal 1965-66	Minimum Seasonal 1966-67	Maximum Seasonal 1965-66	Maximum Seasonal 1966-67	Maximum Day 1965-66	Maximum Day 1966-67
X15B	Hi Vista	6.69	4.27				
1001B	West Fork Ranger Sta.			62.80			
60A	Hoegee's						12.14
1001B	West Fork Ranger Sta.					13.04	
1001B	West Fork Ranger Sta.				75.58		

Table II, page 9, shows a comparison of maximum precipitation amounts for various periods at 10 representative stations in this District during the 1965-66 and 1966-67 seasons and maximum rainfall amounts for various periods of record.

DISTRIBUTION OF RAIN GAGES

About three-fourths of the District-owned recording precipitation gages were located in the mountain and foothill areas with the balance distributed in valley, coastal plain, and desert areas.

NUMBER OF RAIN GAGES

The tabulation which follows shows under ownership the type and number of active rain gages:

	1965-66	1966-67	1965-66	1966-67
I. Los Angeles County Flood Control District				
A. Non-Recording Gages				
Standard 8-inch diameter	273	272		
Special 8.81-inch diameter	23	25		
Storage type	27	27		
B. Recording Gages				
Weighing type	83	84		
Tipping bucket	3	3		
Special	2	2		
Totals			411	413
II. Outside Agencies and Individuals				
A. Non-Recording Gages				
Standard 8-inch diameter	118	116		
Various diameters	4	3		
B. Recording Gages				
Various types	73	73		
Totals			195	192
Total Number of Gages			606	605

Table I, page 7, presents a complete list of recording rain gages which were active during the 1965-66 and 1966-67 seasons, with length of active record.

NUMBER OF STATIONS

Total active stations from which the District received rainfall records	489	486
Total active stations from which complete seasonal records were received	449 (1)	475 (1)

(1) Complete seasonal station records or those which could be completed by estimates from adjacent stations of not more than 10 percent of the total seasonal amount.

The number of stations in the District's files with records of 15 years or more follows:

	15-49 years [1]		50 years and over [1]	
	1965-66	1966-67	1965-66	1966-67
Continuous records – active	240	237	32	37
Broken records – active and inactive	224	231	18	19
Totals	464	468	48	56

(1) In some cases, the station was moved in the immediate vicinity, or in case of inactivity another station nearby was substituted to give a continuous long-time record.

Station locations are shown on Maps I and II, pages 33 and 35. Tables VIII and IX, pages 25 and 30, present a complete list of station locations shown on the above maps.

Table IV, page 12, presents daily rainfall amounts for selected stations during the 1965-66 season.

Table V, pages 13 and 14, presents daily rainfall amounts for selected stations during the 1966-67 season.

Table VI, pages 15 to 19, presents monthly and seasonal amounts for stations from which this District received records during the 1965-66 season.

Table VII, pages 20 to 24, presents monthly and seasonal rainfall amounts for stations from which this District received records during the 1966-67 season.

Table X, page 31, presents indices for 95 seasons for the County and eight subareas of the County.

SUMMARY OF SNOWFALL

The accumulated snowfall depth in inches at three mountain stations follows:

Station No.	Station Name	Approx. Elev.	1965-66	1966-67	Maximum of Record	Season	Length of Record in Seasons
82F	Table Mountain	7420	83	206	206	1966-67	41
83B	Big Pines	6860	78	142	231	1943-44	42
283C	Crystal Lake	5370	18	109	173	1943-44	36

The following tabulation of snow survey measurements made at twelve snow courses about April 1st each year shows inches depth, water content, and density of the snow. Density is the ratio of the average water content in inches depth to the average snow in inches depth expressed as a percentage.

Snow Course	Approx. Elev.	Average Snow Depth 1966	Average Snow Depth 1967	Average Water Content 1966	Average Water Content 1967	Density 1966	Density 1967
San Antonio Drainage							
Ice House No. 4	5800	0	3.4	0	1.3	0	38.2
Manker Flat	6500	0	2.4	0	0.7	0	29.2
Lower Thunder Mt.	7500	1.6	20.6	0.8	6.4	50.0	31.1
Upper Thunder Mt.	8500	22.6	52.0	12.1	17.3	53.5	33.3

Snow Course	Approx. Elev.	Average Snow Depth 1966	Average Snow Depth 1967	Average Water Content 1966	Average Water Content 1967	Density 1966	Density 1967
Big Rock Drainage							
Blue Ridge	7200	1.1	13.7	0.4	3.8	0.4	27.7
Islip No. 2	7400	0	29.8	0	12.4	0	41.6
Islip No. 3	7600	11.3	54.6	4.6	25.3	40.7	46.3
Islip No. 4	7570	11.5	67.7	5.0	29.1	43.5	43.0
Little Rock Drainage							
Sqw Camp	5800	0	5.4	0	1.7	0	31.5
Cedar Spring	6500	0	37.9	0	12.7	0	33.5
Buckhorn	7100	0	27.5	0	8.8	0	32.0
San Gabriel Drainage							
Deer Flats	6800	0	12.9	0	4.1	0	31.8

USES OF PRECIPITATION DATA

The following are some of the major uses of precipitation data in the District's files:

1. In operation of District dams, debris basins, channel diversions, spreading grounds, and pump plants.
2. In water conservation studies.
3. In calculations relating to flood flows for design purposes.
4. In determining rainfall frequency, intensity-duration relationships and rainfall mass curves.
5. In snow pack as related to water content and runoff.
6. In determining watershed yield.
7. In court actions.
8. In preparing seasonal, storm, and long-time average tables and isohyetal maps.
9. By public and private agencies for flood control, irrigation, water supply and related purposes.

The District furnishes precipitation and other weather data to many agencies and individuals on request. Precipitation data furnished to the District by various agencies and individuals constituted a large share of the records received and compiled for the period of this report.

MISCELLANEOUS WEATHER RECORDS

The District has in its files current records from the following instruments:

57 Thermometers, Maximum-Minimum
4 Thermographs
6 Hygro-Thermographs
2 Barographs
1 Anemometer, Single Register, Recording
1 Anemometer, Double Register, Recording
1 Anemometer, Single Register

ACKNOWLEDGMENT

The cooperation of observers in furnishing data to this District as a public service is appreciated. The efforts of the many agencies and individuals who have so freely cooperated with us in the collection of these data have resulted in the large number of complete records for the seasons covered by this report.

TABLE I

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

ACTIVE AUTOMATIC RAIN GAGES

SEASON 1965-66

STA. NO.	NAME OF STATION	ELEV. OF GAGE	TYPE AND CAPACITY		WATERSHED	PERIOD OF RECORD	
6	TOPANGA CANYON PATROL STATION	745	WEIGHING	12"	TOPANGA CANYON	8/1/30	TO DATE
10B	BEL AIR HOTEL	585	"	9"	BALLONA CREEK	1/4/29	TO DATE (1)
11C	UPPER FRANKLIN CANYON RESERVOIR	867	"	9"	FRANKLIN CANYON	9/29/37	TO DATE
33A-E	PACOIMA DAM	1500	"	9"	PACOIMA CANYON	9/22/30	TO DATE
46D-E	BIG TUJUNGA DAM	2315	"	12"	BIG TUJUNGA CANYON	12/9/40	TO DATE
47D	CLEAR CREEK CITY SCHOOL	3150	"	12"	BIG TUJUNGA CANYON	11/2/28	TO 11/12/54
						12/13/57	TO DATE
52D	WATERMAN GUARD STATION	3300	"	12"	ARROYO SECO	1/18/26	TO 2/28/28
						10/27/37	TO DATE
53D	COLBY'S	3620	"	12"	BIG TUJUNGA CANYON	4/19/26	TO 12/26/40
						2/14/41	TO DATE
54C	LOOMIS RANCH - ALDER CREEK	4325	"	9"	BIG TUJUNGA CANYON	11/24/31	TO DATE
57B-E	OPID'S (CAMP Hi-HILL)	4250	"	12"	SAN GABRIEL - WEST FORK	12/14/25	TO DATE (1)
63C-E	SANTA ANITA DAM	1400	"	12"	SANTA ANITA CANYON	2/24/50	TO DATE
68C	SAWPIT DAM	1375	"	12"	SAWPIT CANYON	11/20/52	TO 7/20/53
						12/17/53	TO DATE
70D	ROGER'S CANYON	770	"	9"	SAN GABRIEL RIVER	12/4/26	TO DATE
83B	BIG PINES RECREATION PARK	6860	"	12"	MESCAL CREEK	12/17/25	TO DATE (1)
85G	MT. BALDY GUARD STATION	4275	"	12"	SAN ANTONIO CANYON	11/11/27	TO DATE (1)
89B-E	SAN DIMAS DAM	1350	"	12"	SAN DIMAS CANYON	2/27/50	TO 10/25/57
						12/4/59	TO DATE
92	CLAREMONT - POMONA COLLEGE	1185	"	9"	SAN ANTONIO WASH	12/2/27	TO DATE
96B-E	PUDDINGSTONE DAM	1030	"	12"	PUDDINGSTONE CREEK	10/14/52	TO DATE
108D	EL MONTE FIRE STATION	275	"	9"	RIO HONDO	10/11/38	TO DATE
116D	INGLEWOOD FIRE STATION	135	"	9"	CENTINELA CREEK	2/26/48	TO DATE
128B	ELIZABETH LAKE CANYON - WARM SPRINGS	2075	"	12"	ELIZABETH LAKE CANYON	2/21/56	TO DATE
156	LA MIRADA - STANDARD OIL CO.	86	"	12"	COYOTE CREEK	4/19/46	TO DATE
178C	AZUSA VALLEY WATER CO.	620	"	12"	SAN GABRIEL RIVER	1/1/31	TO 11/4/54
						12/12/61	TO DATE
179G	BAILEY DEBRIS DAM	1180	"	9"	RIO HONDO	6/24/41	TO DATE
190B	RANCHO SOMBRERO	1490	"	12"	LOS ANGELES RIVER	10/4/62	TO DATE
191B	LOS ANGELES - ALCAZAR	400	FLOAT	3"	LOS ANGELES RIVER	6/27/52	TO DATE
201C	PUENTE HILLS - ALTA MIRA RANCH	840	WEIGHING	9"	SAN JOSE CREEK	9/15/38	TO 11/2/38
						12/19/40	TO DATE
210B	BRAND PARK	1250	"	12"	LOS ANGELES RIVER	12/27/28	TO DATE
213F	LOS ANGELES - HANCOCK PARK	175	"	9"	BALLONA CREEK	1/13/29	TO DATE
223B-E	BIG DALTON DAM	1575	"	12"	BIG DALTON CANYON	11/28/47	TO 9/8/50
						10/14/52	TO DATE
235C	HENNIGER FLATS	2550	"	12"	EATON CANYON	1/2/30	TO DATE
250D	ACTON CAMP	2525	"	12"	SOLEDAD CANYON	1/4/57	TO DATE
259D	CHATSWORTH - TWIN LAKES	1275	"	9"	LOS ANGELES RIVER	8/17/37	TO DATE
261B-E	ACTON - ESCONDIDO CANYON	2910	"	9"	SANTA CLARA RIVER	11/23/30	TO DATE (1)
264B	SAND CANYON - PLACERITA CANYON	1850	"	9"	SAND CANYON	10/4/62	TO DATE
280B	FLINTRIDGE FIRE STATION	1345	"	9"	ARROYO SECO	7/26/30	TO DATE
283C	CRYSTAL LAKE	5370	"	12"	SAN GABRIEL - NORTH FORK	11/26/35	TO DATE
291	LOS ANGELES - 96TH AND CENTRAL	121	"	9"	LOS ANGELES RIVER	10/6/30	TO DATE
303F	PASADENA - CAL TECH	800	"	9"	ALHAMBRA WASH	12/13/30	TO DATE
304	SAWPIT CANYON - DEER PARK	2590	"	12"	SAWPIT CANYON	11/30/61	TO DATE
334B-E	COGSWELL DAM	2300	"	12"	SAN GABRIEL - WEST FORK	1/14/32	TO DATE
338B	MOUNT WILSON - AIRWAYS	5709	"	12"	SANTA ANITA CANYON	3/4/32	TO DATE (1)
352B	LECHUZA PATROL STATION	1620	"	9"	LECHUZA CANYON	11/28/34	TO DATE (1)
356C	SPADRA - PACIFIC COLONY	690	"	9"	SAN JOSE CREEK	3/30/38	TO DATE (1)
367	HAINES CANYON - UPPER	3440	"	12"	HAINES CANYON	1/13/33	TO DATE
372	SAN FRANCISQUITO POWER HOUSE NO. 2	1580	"	9"	SANTA CLARA RIVER	5/25/44	TO DATE
379B	BRIGGS TERRACE	2225	"	12"	PICKENS CANYON	11/28/33	TO DATE
379B	SAN GABRIEL - EAST FORK	1600	"	12"	SAN GABRIEL - EAST FORK	12/8/37	TO 8/1938
						2/14/46	TO DATE
402F	CEDAR SPRING	5780	"	12"	SAN GABRIEL RIVER	10/25/57	TO DATE
415	SIGNAL HILL CITY HALL	140	"	9"	SOUTH COASTAL PLAIN	3/15/37	TO DATE (1)
425B-E	SAN GABRIEL DAM	1481	"	12"	SAN GABRIEL RIVER	11/3/37	TO DATE (1)
433C	FAIR OAKS DEBRIS BASIN	1585	"	9"	ARROYO SECO	9/14/38	TO DATE
434	MALIBU DIVISION HEADQUARTERS	800	"	9"	MEDEA CREEK	10/27/43	TO DATE
435	MONTE NIDO	600	"	9"	MALIBU CREEK	11/19/43	TO DATE
444F-E	ROLLING HILLS - SOUTH COAST BOTANIC GARDENS	400	"	12"	DOMINGUEZ CHANNEL	7/13/48	TO DATE
446	ALISO CANYON - OAT MT.	2367	"	12"	ALISO CANYON	7/20/40	TO DATE (1)
451C-E	CASTAIC - WAYSIDE HONOR RANCHO	1065	"	12"	SANTA CLARA RIVER	1/3/57	TO DATE
458	ZUMA CANYON PATROL STATION	115	"	12"	ZUMA CANYON	9/16/65	TO DATE
466B	PACOIMA CANYON - DUTCH LOUIE CANYON	3220	"	12"	PACOIMA CANYON	1/16/41	TO DATE
470	TUJUNGA - MILL CREEK	4500	"	12"	BIG TUJUNGA CANYON	10/18/41	TO 10/28/49
						7/9/51	TO DATE (1)
477D	SANTA ANITA - SPRING CAMP	4655	"	30"	SANTA ANITA CANYON	11/25/41	TO DATE
485B	COLDWATER CANYON - WIDMAN RANCH	3960	"	12"	SAN GABRIEL - EAST FORK	9/22/43	TO DATE
492B	CHILAO - STATE HIGHWAY MAINTENANCE STATION	5280	"	12"	SAN GABRIEL - WEST FORK	10/10/44	TO DATE
517B	ANDERSEN RANCH (LEWIS RANCH)	4615	"	9"	PALLETT CREEK	12/17/43	TO DATE
807	ASCOT RESERVOIR	620	"	9"	LOS ANGELES RIVER	10/25/61	TO DATE
1006	SAN PEDRO CITY RESERVOIR	150	"	9"	SOUTH COASTAL PLAIN	3/7/46	TO DATE
1008-E	LA FRESA - S.C.E. CO. SUBSTATION	65	"	12"	LAGUNA DOMINGUEZ	8/29/46	TO DATE
1013B	TUJUNGA CANYON ABOVE GOLD CANYON	1650	"	12"	BIG TUJUNGA CANYON	9/29/47	TO DATE
1014D-E	RIO HONDO SPREADING GROUNDS	155	"	9"	RIO HONDO	9/29/47	TO DATE
1017B	LITTLE ROCK CREEK ABOVE DAM	3280	"	12"	LITTLE ROCK CANYON	8/6/48	TO 4/7/59
						11/9/59	TO DATE
1035	WHITTIER - WOOD	280	"	9"	SAN GABRIEL RIVER	10/27/52	TO DATE
1037-E	ARCADIA - ARBORETUM	565	"	12"	RIO HONDO	3/3/55	TO DATE
1060B	LITTLE ROCK - SYCAMORE CAMP	4000	"	12"	LITTLE ROCK CREEK	7/21/53	TO DATE
1062	BUCKHORN FLAT	6760	"	12"	LITTLE ROCK CREEK	2/16/54	TO DATE
1074	LITTLE GLEASON	5600	"	12"	SANTA CLARA RIVER	9/29/54	TO DATE
1078	COVINA - GRIFFITH	975	"	9"	WALNUT CREEK	1/26/55	TO DATE
1080B	BRADBURY DEBRIS BASIN	935	"	12"	SAN GABRIEL RIVER	5/25/55	TO DATE
1088B	LA HABRA HEIGHTS MUTUAL WATER CO.	445	"	12"	COYOTE CREEK	3/8/55	TO DATE
1107D	LA TUNA CANYON	1160	"	12"	LOS ANGELES RIVER	11/14/55	TO DATE
1108B	LEONA VALLEY	2875	"	12"	AMARGOSA CREEK	4/26/56	TO DATE
1144	SAN GABRIEL - NORTH FORK	2200	"	12"	SAN GABRIEL RIVER	10/4/60	TO DATE
1146	SANTA ANITA CANYON HELIPORT	2575	TIPPING BUCKET	UNLIMITED	SANTA ANA CANYON	1/31/61	TO DATE
1159	SHORTCUT CANYON - WEST FORK	4425	SPECIAL	"	SAN GABRIEL RIVER - WEST FORK	2/15/65	TO DATE
1160	SAN GABRIEL CANYON - WEST FORK - HELIPORT	3200	"	"	SAN GABRIEL RIVER - WEST FORK	9/24/63	TO DATE
X28B	HOLIDAY HILL	8130	WEIGHING	12"	SAN GABRIEL RIVER	11/15/57	TO DATE
X29	PINE MOUNTAIN	4100	TIPPING BUCKET	UNLIMITED	SAN GABRIEL RIVER	12/26/58	TO DATE
X35	VERDUGO MOUNTAINS - HILLCREST CANYON	1200	WEIGHING	12"	LOS ANGELES RIVER	3/25/64	TO DATE
X36	VERDUGO MOUNTAINS - HENDERSON CANYON	2650	"	12"	VERDUGO WASH	3/25/64	TO DATE

TABLE I (Continued)

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

ACTIVE AUTOMATIC RAIN GAGES

SEASON 1966-67

STA. NO.	NAME OF STATION	ELEV. OF GAGE	TYPE AND CAPACITY		WATERSHED	PERIOD OF RECORD
96C-E	PUDDINGSTONE DAM	1030	WEIGHING	12"	PUDDINGSTONE CREEK	10/14/52 TO DATE
190B	RANCHO SOMBRERO	1490	"	12"	LOS ANGELES RIVER	10/4/62 TO 7/20/67
201C	ALTA MIRA RANCH	845	"	9"	SAN JOSE CREEK	9/15/38 TO 11/2/38
						12/19/40 TO DATE
492C	CHILAO-STATE HIGHWAY MAINTENANCE STATION	5280	"	12"	SAN GABRIEL-WEST FORK	10/10/44 TO DATE
694F	BIG TUJUNGA CANYON	1525	"	12"	BIG TUJUNGA CANYON	7/20/67 TO DATE
1013B	TUJUNGA CANYON ABOVE GOLD CANYON	1650	"	12"	BIG TUJUNGA CANYON	9/29/47 TO 7/20/67
1014F-E	RIO HONDO SPREADING GROUNDS	170	"	9"	RIO HONDO	9/29/47 TO DATE
1181	SCHOOLHOUSE CANYON	1495	"	12"	SCHOOLHOUSE CANYON	7/20/67 TO DATE
X36	VERDUGO MTS.-HENDERSON CANYON	2650	"	12"	VERDUGO WASH	3/25/64 TO 11/15/66
X38	LOS PINETOS NIKE SITE	3925	"	12"	LOS ANGELES RIVER	11/18/66 TO 9/30/67

LEGEND

(1) HOURLY RAINFALL AMOUNTS PUBLISHED BY THE UNITED STATES WEATHER BUREAU SINCE OCTOBER 1, 1951.

SUFFIX A, B, AND C, DENOTES FIRST, SECOND, OR THIRD LOCATION IN SAME LOCALITY UNDER NEARLY SAME CONDITIONS.

SUFFIX-E DENOTES EVAPORATION PAN AT STATION.

THE DISTRICT ALSO HAS RECORDS OF SEVERAL AUTOMATIC GAGES AT STATIONS WHICH ARE NOW INACTIVE. THESE RECORDS ARE AVAILABLE IN THE DISTRICT'S FILES.

SEASON 1966-67 TABULATION IS IDENTICAL WITH 1965-66. TABULATION WITH THE EXCEPTION OF STATION NUMBERS: 96C-E, 190B, 201C, 492C, 694F, 1013B, 1014F-E, 1181, X36, AND X38.

TABLE II

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

PRIVATE ACTIVE AUTOMATIC RAIN GAGES

SEASON 1965-66

STA. NO.	NAME OF STATION	ELEV. OF GAGE	TYPE AND CAPACITY		WATERSHED	PERIOD OF RECORD	
23-E	CHATSWORTH RESERVOIR	865	WEIGHING	12"	LOS ANGELES RIVER	10/23/45	TO DATE (1) (2)
60A	HOEGEE'S	2600	"	180"	BIG SANTA ANITA CANYON	11/11/26	TO DATE (3)
87B	SAN DIMAS GUARD STATION	1485	"	12"	SAN DIMAS CANYON	12/11/25	TO 11/23/26
						11/19/42	TO DATE (2)
124B-E	BOUQUET CANYON RESERVOIR	3050	FLOAT	9"	SANTA CLARA RIVER	11/11/31	TO DATE (2)
140C	SAWTELLE	250	WEIGHING	12"	BALLONA CREEK	10/5/51	TO DATE (2)
157B	EL SEGUNDO – STANDARD OIL COMPANY	150	"	12"	WEST COASTAL PLAIN	6/16/48	TO DATE
158	TANBARK FLATS	2750	"	12"	SAN DIMAS CREEK	1/16/29	TO DATE (1) (2)
228B	BEVERLY HILLS – CITY HALL	290	"	9"	BALLONA CREEK	10/14/31	TO DATE
269C	DIAMOND BAR – HORSE CAMP	870	"	12"	BREA CANYON	12/3/41	TO DATE (1) (2)
292D-E	ENCINO RESERVOIR	1075	"	12"	LOS ANGELES RIVER	12/18/62	TO DATE
311b	PASADENA METEOROLOGICAL STATION	918	TIPPING BUCKET	UNLIMITED	ARROYO SECO	10/1/38	TO DATE (2)
396-E	SILVER LAKE RESERVOIR	455	WEIGHING	12"	BALLONA CREEK	3/16/62	TO DATE (2)
355B	LOS ANGELES CITY COLLEGE	340	TIPPING BUCKET	UNLIMITED	BALLONA CREEK	10/1/62	TO DATE (2)
357	VAN NORMAN LAKE – UPPER	1248	WEIGHING	12"	WELDON CANYON	12/4/45	TO DATE (1) (2)
407-E	NEWHALL – U.S.F.S. HEADQUARTERS	1325	"	12"	SANTA CLARA RIVER	12/1949	TO DATE (1) (2)
436C	HANSEN DAM	1110	"	12"	TUJUNGA WASH	10/30/40	TO DATE (1) (2)
445B	LIVE OAK DAM	1510	"	12"	LIVE OAK CANYON	3/20/40	TO 8/22/60 (3)
						11/3/60	TO DATE
449B	EATON WASH DAM	880	"	12"	EATON WASH	10/31/50	TO 12/2/57 (3)
						10/5/59	TO 12/22/59
						10/12/60	TO DATE
453C	DEVIL'S GATE DAM	1090	"	12"	ARROYO SECO	11/20/52	TO 9/15/53 (3)
						1/27/54	TO DATE
465C	SEPULVEDA DAM	683	"	12"	LOS ANGELES RIVER	10/23/45	TO DATE (1) (2)
471	LITTLE TUJUNGA – GOLD CREEK	2750	FLOAT	UNLIMITED	LITTLE TUJUNGA CANYON	10/30/41	TO DATE (1) (2)
565B	LONG BEACH – CITY AUTOMATIC	11	WEIGHING	12"	SOUTH COASTAL PLAIN	11/8/24	TO DATE (2)
566	LONG BEACH NO. 1	15	"	12"	SOUTH COASTAL PLAIN	11/13/55	TO DATE
662C	LONG BEACH – CERRITOS AVENUE	95	"	12"	SOUTH COASTAL PLAIN	10/1/59	TO DATE
666C	LONG BEACH – CERRITOS AVENUE	55	"	12"	SOUTH COASTAL PLAIN	9/1953	TO DATE
683	SUNSET RIDGE GUARD STATION	2110	"	12"	ARROYO SECO	10/16/45	TO 3/31/47
						10/20/55	TO DATE (2)
716	LOS ANGELES – DUCOMMUN STREET	306	"	12"	LOS ANGELES RIVER	2/19/1897	TO DATE (1) (2)
724B	BIG DALTON – MONROE CANYON	1825	"	12"	BIG DALTON CANYON	3/15/39	TO DATE (2)
725B	BIRMINGHAM HOSPITAL	728	"	12"	LOS ANGELES RIVER	8/4/44	TO DATE (1) (2)
726B	ANGELES CREST GUARD STATION	2300	"	12"	ARROYO SECO	10/16/45	TO DATE
734B	LOS ANGELES INTERNATIONAL AIRPORT	126	TIPPING BUCKET	11¾"	LAGUNA DOMINGUEZ	10/18/48	TO DATE (1) (2)
740B	SAN DIMAS CANYON – FERN NO. 2	5200	WEIGHING	12"	SAN DIMAS CREEK	10/12/36	TO DATE (2)
741	SAN DIMAS CANYON – UPPER EAST FORK	2765	"	12"	SAN DIMAS CREEK	10/4/34	TO DATE (2)
747	SANDBERG AIRWAYS STATION	4517	"	12"	SANTA CLARA RIVER	4/2/32	TO DATE (1) (2)
749B	BURBANK	655	"	12"	LOS ANGELES RIVER	9/20/31	TO 2/13/66
						9/28/66	TO DATE (1) (2)
755	GRIFFITH PARK – LITTLE CANYON	900	"	12"	LOS ANGELES RIVER	9/4/47	TO DATE (2)
757	GRIFFITH PARK – FERN DELL	750	"	12"	BALLONA CREEK	9/4/47	TO DATE (2)
758	GRIFFITH PARK – LOWER SPRING CANYON	600	"	12"	LOS ANGELES RIVER	9/3/47	TO DATE (2)
759B	NICHOLS DEBRIS BASIN	478	"	12"	NICHOLS CANYON	9/11/47	TO DATE (2)
760	STUDIO CITY – GOODLAND AVENUE	680	"	12"	LOS ANGELES RIVER	10/3/47	TO DATE (2)
762	UPPER STONE CANYON	943	"	12"	BALLONA CREEK	9/4/47	TO DATE (2)
766	MANDEVILLE CANYON – FIRE ROAD NO. 24	1625	"	12"	MANDEVILLE CANYON	9/5/47	TO DATE (2)
767	MANDEVILLE CANYDN ROAD	1160	"	12"	MANDEVILLE CANYON	11/1/63	TO DATE (2)
770B	SANTA YNEZ CANYON – PASEO MIRAMAR	600	"	12"	SANTA YNEZ CANYON	9/11/47	TO 9/30/61
						3/16/62	TO DATE (2)
771	RUSTIC CANYON – SANTA MONICA MOUNTAINS	265	"	12"	RUSTIC CANYON	9/10/47	TO DATE (2)
772	LOS ANGELES – ECHO PARK AND LUCRETIA	475	"	12"	BALLONA CREEK	9/15/47	TO DATE (2)
774	BARLOW SANITARIUM	450	"	12"	LOS ANGELES RIVER	12/19/47	TO DATE (2)
779	GRIFFITH PARK – LOWER MINERAL WELLS	625	"	12"	LOS ANGELES RIVER	11/1947	TO DATE (2)
783	COON CANYON	1350	"	12"	ARROYO SECO	10/1948	TO DATE (2)
796	ELYSIAN PARK – FIRE DEPARTMENT	757	"	12"	LOS ANGELES RIVER	9/20/48	TO DATE (2)
801B	MAGIC MOUNTAIN	4720	FLOAT	UNLIMITED	SOLEDAD CANYON	3/19/47	TO 10/1965
						5/12/66	TO DATE (2)
1041B	SANTA FE DAM	427	WEIGHING	12"	SAN GABRIEL RIVER	10/24/45	TO DATE (1) (2)
1058B	PALMDALE	2595	"	12"	ANTELOPE VALLEY	3/27/53	TO DATE (2)
1066B	LONG BEACH – LEES STREET	10	"	12"	SOUTH COASTAL PLAIN	11/13/55	TO DATE (2)
1075	UPPER WOLFSKILL CANYON	3625	"	12"	SAN DIMAS CANYON	12/14/37	TO 5/28/46
						1/7/54	TO DATE (2)
1093-E	FULLERTON AIRPORT	100	FLOAT	5"	COYOTE CREEK	1/1935	TO DATE (2)
1095	ORANGE COUNTY RESERVOIR	660	WEIGHING	12"	BREA CANYON	10/17/41	TO DATE (1) (2)
1106	ANTELOPE VALLEY FIELD STATION	2450	"	9"	ANTELOPE VALLEY	1/24/56	TO DATE
1113	DOMINGUEZ WATER CO.	30	"	12"	SOUTH COAST PLAIN	11/1/55	TO DATE (2)
1114B	WHITTIER NARROWS DAM	239	"	12"	RIO HONDO	6/7/57	TO DATE (2)
1115	SAN ANTONIO DAM	2120	"	12"	SAN ANTONIO CANYON	8/1/56	TO DATE (2)
1116	LONG BEACH – SAN ANSELINE	15	"	12"	SAN GABRIEL RIVER	3/1/63	TO DATE
1118B	LAKEWOOD	55	"	12"	SAN GABRIEL RIVER	9/15/56	TO DATE (2)
1138	MT. DISAPPOINTMENT	5725	"	12"	ARROYO SECO	11/20/59	TO DATE
1157	SAN FERNANDO VALLEY STATE COLLEGE	880	"	12"	LOS ANGELES RIVER	2/6/62	TO DATE
1165	GARAPITO CREEK	1850	"	12"	GARAPITO CREEK	10/11/63	TO DATE (2)
1170	WATER WORKS DISTRICT #6 – THOUSAND OAKS	900	"	12"	CALLEGUAS – CONEJO	10/3/56	TO DATE (2)
1171	CAMULOS RANCH – PIRU	720	"	12"	SANTA CLARA RIVER	10/19/56	TO DATE (2)
1172	PIRU CANYON – ABOVE PIRU LAKE	1150	"	12"	SANTA CLARA RIVER	11/5/56	TO DATE (2)
1173	TAPO CANYON	1525	"	12"	CALLEGUAS – CONEJO	11/1/64	TO DATE (2)
1175	DOUGLAS WHITE OAKS PARK	1120	"	12"	ARROYO SIMI	7/1966	TO DATE (2)
1176	OAK RIDGE SUMMIT	2680	"	12"	ARROYO SIMI	7/1966	TO DATE (2)
1177	BARA RESERVOIR	1030	"	12"	ARROYO SIMI	7/1966	TO DATE (2)

TABLE II (Continued)

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

PRIVATE ACTIVE AUTOMATIC RAIN GAGES

SEASON 1966-67

STA. NO.	NAME OF STATION	ELEV. OF GAGE	TYPE AND CAPACITY		WATERSHED	PERIOD OF RECORD
407	NEWHALL – UNITED STATES FOREST SERVICE HDQTRS.	1325	WEIGHING	12"	SANTA CLARA RIVER	12/1949 TO DATE [1] [2]
409-E	RIDGE ROUTE – STATE HIGHWAY MAINTENANCE YARD	2505	"	12"	SANTA CLARA RIVER	12/1/58 TO 4/1960 9/19/67 TO DATE [2]
724B	BIG DALTON – MONROE CANYON	1825	"	12"	BIG DALTON CANYON	3/15/39 TO 11/9/66 [2]
1106	ANTELOPE VALLEY FIELD STATION	2450	"	9"	ANTELOPE VALLEY	1/24/56 TO 7/1/67
1118B	LAKEWOOD	55	"	12"	SAN GABRIEL RIVER	9/15/56 TO 10/1/66
1161	LA CRESCENTA – GREGG	1855	TIPPING BUCKET	UNLIMITED	VERDUGO WASH	12/1966 TO DATE [2]
1173	TAPO CANYON	1525	WEIGHING	12"	CALLEGUAS–CONEJO	11/1/64 TO 10/31/66 [2]
1176B	PIRU 3 SSE	2820	"	19.5"	SANTA CLARA RIVER	7/1966 TO DATE [2]
1182	FISH CREEK	1670	"	12"	SANTA CLARA RIVER	11/1966 TO DATE [2]

LEGEND

(1) HOURLY AMOUNTS PUBLISHED BY THE UNITED STATES WEATHER BUREAU.

(2) DISTRICT HAS NO FILE OR INCOMPLETE FILE OF AUTOMATIC GAGE CHART RECORDS.

SUFFIX A, B, C, DENOTES FIRST, SECOND, OR THIRD LOCATION OF STATION IN THE SAME LOCALITY UNDER NEARLY THE SAME CONDITIONS.

SUFFIX –E DENOTES EVAPORATION PAN AT STATION.

SEASON 1966-67 TABULATION IS IDENTICAL WITH 1965-66 TABULATION WITH THE EXCEPTION OF STATION NUMBERS: 407, 409–E, 724B, 1106, 1118B, 1161, 1173, 1176B, AND 1182.

(3) PRIVATE GAGE OPERATED BY DISTRICT.

TABLE III

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

COMPARATIVE MAXIMUM RAINFALL DEPTHS IN INCHES

SEASONS 1965-66, 1966-67 AND MAXIMUM OF RECORD FOR SELECTED STATIONS

		# 259 CHATSWORTH		# 10 BEL AIR HOTEL		# 716 LOS ANGELES DUCOMMUN STREET		#303 CAL TECH PASADENA		# 57 OPID'S CAMP HI-HILL		# 334 COGSWELL DAM		# 425 SAN GABRIEL DAM		# 178 AZUSA		# 261 ACTON - ESCONDIDO CN.	
		1965 1966	MAXIMUM	1965 1966	MAXIMUM	1965 1966	MAXIMUM	1965 1966	MAXIMUM	1965 1966	MAXIMUM	1965 1966	MAXIMUM	1965 1966	MAXIMUM	1965 1966	MAXIMUM	1965 1966	MAXIMUM
5 MIN.	AMT.	.30	.43	.17	.43	.15	.44	.10	.32	.20	1.17	.17	.41	.20	.60	.10	.32	.10	.29
	DATE	11/17	12/28/41	11/22	1/15/52	1/30	1/14/08	11/24	3/3/43	11/24	4/5/26	12/29	1/6/59	11/16	4/5/26	11/22	2/11/36	11/17	8/26/35
10 MIN.	AMT.	.48	.51	.27	.63	.20	.66	.20	.47	.37*	1.18	.25	.58	.35	.62	.15	.40	.16	.41
	DATE	11/17	8/18/45	11/22	1/15/52	1/30	2/18/14	11/24	2/23/57	12/29	4/5/26	12/29	3/4/43	12/29	4/5/26	11/24	11/11/44	11/16	8/26/35
15 MIN.	AMT.	.60	.65	.33	.78	.25	.81	.26	.62	.45*	1.18	.38	.78	.45	.68	.21	.53	.22	.44
	DATE	11/17	8/18/45	11/22	1/15/52	11/22	2/18/14	11/24	2/23/57	12/29	4/5/26	12/29	3/4/43	12/29	4/5/26	11/24	11/11/44	11/16	8/26/35
30 MIN.	AMT.	.88	1.10	.51	1.13	.45	1.12	.42	1.08	.76*	1.52	.70	1.25	.65	.96	.33	.77	.39	.66
	DATE	11/17	8/18/45	12/29	1/15/52	11/22	2/18/14	11/24	3/3/43	12/29	4/5/26	12/29	3/4/43	11/22	4/5/26	11/24	10/17/34	11/16	10/1/32
1 HR.	AMT.	1.50	1.50	.92	1.50	.65	1.51	.70	1.70	1.30*	2.21	1.32	1.72	1.28	1.25	.45	1.10	.60	.98*
	DATE	11/16	11/16/65	12/29	2/3/31	11/22	2/18/14	12/29	3/3/43	12/29	4/5/26	12/29	1/22/43	11/22	1/22/43	11/22	10/17/34	11/17	8/24/35
2 HRS.	AMT.	2.65	2.65	1.39	2.01*	.95	1.99	1.29	2.36	2.50*	3.83	2.60	2.95	2.30	2.34	.65	1.73	.90	1.48*
	DATE	11/16	11/16/65	12/29	2/13/54	12/29	2/18/14	12/29	3/3/43	12/29	4/5/26	12/29	1/22/43	12/29	1/22/43	11/22	10/17/34	11/16	8/24/35
3 HRS.	AMT.	3.23	3.23	1.77	2.73*	1.34	2.28	1.81	3.02	3.52*	4.95	3.86	4.04	2.95	3.28	.84	2.34	1.17	1.48
	DATE	11/16	11/16/65	12/29	2/13/54	12/29	2/18/14	12/29	12/31/33	12/29	3/2/38	12/29	1/22/43	12/29	1/22/43	11/22	12/31/33	11/16	8/24/35
4 HRS.	AMT.	3.46	3.46	2.15	3.34*	1.65	2.71	2.28	3.80	4.80*	6.16	4.88	5.28*	3.50	4.32	1.17	2.79	1.30	1.57
	DATE	11/16	11/16/65	12/29	2/13/54	12/29	1/26/56	12/29	12/31/33	12/29	3/2/38	12/29	3/2/38	12/29	1/22/43	11/22	12/31/33	11/16	1/22/43
5 HRS.	AMT.	3.58	3.58	2.32	3.80*	1.95	3.06	2.60	4.55	5.80*	7.24	5.71	6.17*	4.20	5.30	1.44	2.98	1.32	1.82
	DATE	11/16	11/16/65	12/29	2/13/54	12/29	3/2/38	12/29	12/31/33	12/29	3/2/38	12/29	3/2/38	12/29	1/22/43	11/22	12/31/33	11/16	1/22/43
12 HRS.	AMT.	4.48	4.64*	3.59	6.24	3.62	5.02*	4.56	7.98	10.95*	13.38	11.17	12.43	6.80	10.35	2.70	6.00	2.14	3.14
	DATE	11/16	3/2/38	12/29	12/31/33	12/29	1/26/56	12/29	12/31/33	12/29	3/2/38	12/29	1/22/43	12/29	1/22/43	11/22	12/31/33	12/29	1/22/43
24 HRS.	AMT.	5.62	8.41*	4.28	9.96*	3.95	7.36	5.07	11.26*	12.57*	21.68	12.01	23.12	8.13	17.81	4.00	10.85	2.58	4.44
	DATE	11/16	1/21/43	11/22	12/31/33	12/29	12/31/33	12/29	12/31/33	12/28	1/22/43	12/29	1/22/43	11/22	1/22/43	11/22	12/31/33	11/22	1/22/43
STORM TOTAL																			
AUTO.	AMT.	10.05	11.89*	6.40*	12.62	5.19	9.35	7.78	13.64	INC.	32.15	12.01	32.59	11.52	24.07	5.55	12.51	4.09	6.45
	DATE	11/14-11/18	1/21-1/24/43	11/22-11/25	2/7-2/12/62	11/14-11/18	2/7-2/12/62	11/14-11/18	1/21-1/23/43	11/14-11/18	1/21-1/23/43	12/28 - 12/29	1/21-1/23/43	11/14-11/18	1/21-1/23/43	11/22-11/25	12/30/33-1/1/34	11/22-11/25	1/21-1/23-43
STD.	AMT.	10.22	16.29	6.40*	12.90	5.25	9.67	8.11	13.86	19.22	33.95	12.32	30.15	11.94	25.08	5.64		4.09	6.69
	DATE	11/14-11/18	12/31/33-1/2/34	11/22-11/25	2/7-2/12/62	11/14-11/18	3/2-3/10/84	11/16-11/18	1/21-1/23/43	11/14-11/18	12/18-12/23/21	12/28-12/29	1/21-1/23/43	11/22-11/25	12/17-12/22/21	11/22-11/25		11/22-11/25	12/18-12/27/21
		1966 1967		1966 1967		1966 1967		1966 1967		1966 1967		1966 1967		1966 1967		1966 1967		1966 1967	
5 MIN.	AMT.	.14*		.20		.25		.16		.30		.17		.18		.20		.10	
	DATE	11/7		11/7		11/7		3/12		12/6		12/6		12/3		9/1		12/3	
10 MIN	AMT.	.20*		.28		.45		.32		.40		.32		.30		.35		.13	
	DATE	11/7		3/12		11/7		3/12		12/6		12/6		12/3		9/1		12/3	
15 MIN.	AMT.	.27*		.30		.64		.36		.56		.37		.34		.50		.14	
	DATE	11/7		11/7		11/7		3/12		12/6		12/6		12/3		9/1		12/3	
30 MIN.	AMT.	.43		.42		.79		.38		.73*		.53		.55		.70		.22	
	DATE	1/22		11/7		11/7		3/12		12/6		12/6		12/3		9/1		12/3	
1 HR.	AMT.	.57		.60		.95		.75*		1.05*		.77		.90		.70		.93*	
	DATE	1/22		11/7		11/7		1/24		12/6		12/6		12/3		9/1		1/22	
2 HRS.	AMT.	.86		1.04		1.20		1.23		2.00*		1.25		1.43		1.10		.50	
	DATE	11/7		1/22		11/7		1/24		12/6		12/6		12/3		1/24		11/7	
3 HRS.	AMT.	1.35		1.44		1.52		1.70		2.50		1.73		2.00		1.45		1.48*	
	DATE	11/7		1/22		11/7		1/24		12/6		1/22		12/3		1/24		11/7	
4 HRS.	AMT.	1.68		1.83		1.68		2.08		2.80		2.22		2.38		1.68		.80	
	DATE	11/7		1/22		11/7		1/24		12/6		1/22		12/3		1/24		11/7	
5 HRS.	AMT.	2.07		2.00		2.00		2.40		3.10		2.64		2.95		1.77		.93	
	DATE	11/7		1/22		11/7		1/24		12/6		1/22		12/3		1/24		11/7	
12 HRS.	AMT.	3.53		2.60		3.60		3.43		6.08		5.50		5.85		2.43		1.62	
	DATE	11/7		11/7		11/7		1/24		12/6		11/7		12/2		1/24		11/7	
24 HRS.	AMT.	4.14		3.10		3.85		3.82		8.18		7.52		7.82		2.95		1.83	
	DATE	11/6		1/22		11/7		1/24		12/6		11/6		12/2		12/2		11/6	
STORM TOTAL																			
AUTO.	AMT.	4.24		4.06		3.85		3.82		12.26		8.27		11.56		4.43		1.88	
	DATE	11/6-11/7		12/4-12/6		11/7-11/7		1/24-1/25		12/4 - 12/6		12/4-12/6		12/4 - 12/6		12/4 - 12/6		11/6-11/8	
STD.	AMT.	4.46		4.02		3.83		3.86		12.81		8.41		11.44		4.48		2.01	
	DATE	11/6-11/7		12/4-12/6		11/7-11/7		1/24-1/25		12/4-12/6		12/4-12/6		12/4-12/6		12/4-12/6		11/6-11/8	

LEGEND

* - INDICATES ESTIMATED VALUE
INC. - INCOMPLETE RECORD
DATE - INDICATES BEGINNING OF PERIOD

NOTE: RAINFALL DEPTHS IN INCHES ARE TAKEN FROM AUTOMATIC RAIN GAGES EXCEPT WHERE INDICATED AS STANDARD AMOUNT.
REFER TO TABLE I PAGE 7 FOR PERIOD OF AUTOMATIC RAIN GAGE RECORD.

TABLE IV

SEASONAL 1965-66 DAILY RAINFALL FOR SELECTED STATIONS

RAINFALL RECORDS IN INCHES

STA. NO.	STATION		OCTOBER 10	15	NOVEMBER 14	15	16	17	18	19	20	21	22	23	24	25	26	DECEMBER 8	9	10	11	12	13	14	15	16	17	22	23	29	30	31
6	TOPANGA	E			.80	2.05	3.10	4.30	.98				3.74	1.80	1.43	.42			.04	1.02		.46		.24						6.83		.12
15B	VAN NUYS	B				1.45	1.46	3.10	.35				2.77	1.09	.90	.47			.01	.51			.17	.09						4.88	.04	.09
32C	NEWHALL	C			.36	1.21	2.02	4.88	1.14				2.43	.88	1.75	.23				.32		.12		.09						5.99		.20
33A-E	PACOIMA DAM	E			.45	1.06	2.34	3.72	.87				3.21	1.15	2.54	.32			.04	.50		.49		.10						3.43	.03	.09
57B-E	OPID'S	E			.98	3.55	3.82	6.62	4.25				8.19	5.48	3.78	1.25			.37	.66		.56	.07	.18	.05	T	.16			12.07	.37	.22
85G	MT. BALDY	B			.10	1.31	1.15	4.95	4.72				.63	12.38	1.65	3.25	.16		.65	1.02	03	.61	.27	.01	.12	.04	.15		.45	2.12	11.02	.09
106C	WHITTIER	E			.25	.88	1.18	1.73	.49			.01	1.36	1.38	1.13	.43	.01		.19	.60		.57	.08	.10	.10	.08		.03		2.42		.10
130B	SANDBERG'S	C		T	.71	3.01	2.32	2.48	.63	.09	T	.64	1.39	1.06	.08	.03			.02	.07		.16	.11	.06						2.68		.31
185	GLENDORA	E	T		.33	1.22	1.31	1.23	.46				3.10	1.78	1.43	.50			.32	1.42		.75		.17	T	.01		.24		2.38	.15	.05
241C	LONG BEACH	A			1.86	.98	1.07	.47					.81	1.06	.22	.35			.17	.77			.23	.26		.16				1.30		.10*
256C	POMONA	V			.08	.70	.68	1.43	.50				.56	3.62	.09	.90	.13		.17	.60			.36		.11	.21				.54	1.91	.08
283C	CRYSTAL LAKE	E			.62	2.75	2.78	8.41	2.83				6.37	5.15	5.60	.99			.83	.82		.80	.10	.27				.33	.05	11.66	.58	
321-E	PINE CANYON	C			.17	1.22	1.27	4.12	1.18	.04			2.52	1.87	3.79	.20			.03	.22		.26	.15	.04		.28				6.93	.05	.10
425B-E	SAN GABRIEL DAM	E			.39	1.48	1.56	6.04	2.34				5.50	3.10	2.60	.74			.44	.66		.62		.08				.80		7.60	.20	.15
440B	CHILAO	B			.12	1.08	1.01	3.65	2.98	T		T	.32	7.19	1.26	1.45	.02		.11	.66		.22	.10	T	.21	T		T	.14	1.51	5.18	.05
455B	LANCASTER	E			.38	.24	.83	.36					2.03		.26				.47			.06			.07	.03				1.40		
478	VALYERMO	V			.11	.24	.98	.63	.27				3.07	.04	.44	.17			.23	.60		.10		.30	.20	.31	.45	.11		3.18		
610B	PASADENA	C			.31	1.26	1.67	2.86	1.09				2.91	1.89	1.27	.48			.16	.91		.51		.35	T	T		.03		4.51	.20	.08
634C	SANTA MONICA	D			.45	1.11	2.05	1.52	.45				2.00	.72	.55	.51		T	.02	1.13		.49		.03						2.36		.11
716	LOS ANGELES	E			.34	.88	1.54	1.61	.88				2.72	.80	.57	.35			.06	.85	T	.39	.06	.27		T		.10		3.91	.03	.07

STA. NO.	STATION		JANUARY 1	15	16	17	19	20	30	31	FEBRUARY 1	2	3	5	6	7	8	10	11	23	24	25	26	28	MARCH 1	2	3	17	24	25	26
6	TOPANGA	E							1.50			.21			1.62	.09														.12*	
15B	VAN NUYS	B							1.23		.20				.81															.30	
32C	NEWHALL	C							1.21		.02				1.09	.21														.28	
33A-E	PACOIMA DAM	E							1.00		.02	.07			1.29	T		T				T						.19	.16	
57B-E	OPID'S	E	.03				T		.87	.02	.05	.19	T	T	2.76	.08		.01			T				T				.51	.36	
85G	MT. BALDY	B	.11		T			T	.75	.23		.04			.65	1.73	.93		.02							.04				.90	.10
106C	WHITTIER	E					.15		.76	.09	T	.18			1.10	.01														.80	
130B	SANDBERG'S	C							1.09	.07	.03			T	.76	.05	.02	.26		T	T	T	.29	T		.09	.03	T			
185	GLENDORA	E							.84	.01	.01	.10			1.70	.10	.13	T					T						.24	.52	
241C	LONG BEACH	A							1.04*			.38*			.77	.47										.07			.41		
256C	POMONA	V	.11						.65	.53		.18			.44	.80	.18													.33	
283C	CRYSTAL LAKE	E	.12		T	T		.04	1.03		.06	.06			2.25	.50			.25										.26	.66	
321-E	PINE CANYON	C							1.07		.01	.03			1.08			.01			T					T	.02			.13	
425B-E	SAN GABRIEL DAM	E	.07		T		T		.90	.07	T	.07			2.01	.60		T			T					T			.47	.37	
440B	CHILAO	B	.05		T			.01	.60	.19		.11			.54	.76	.48		.04							.01				.68	T
455B	LANCASTER	E							.52						.70	.01														.12	
478	VALYERMO	V		.02					.53					.08	.89	.93													.30	.42	
610B	PASADENA	C							.81	.11	T	.12			1.30															.65	
634C	SANTA MONICA	D						.01	1.05		.05	.21			.97	.13										T				.18	
716	LOS ANGELES	E						.01		.95		.10			1.40				.01											.51	

STA. NO.	STATION		APRIL 3	9	11	18	19	MAY 8	9	10	11	12	26	27	28	29	JUNE 9	JULY 4	8	9	28	29	30	31	AUGUST 2	SEPTEMBER 15	18	19	20	28	29	30
6	TOPANGA	E							.22											.02			.08				.02	.01			.11	
15B	VAN NUYS	B							.20	.10													.01					.34			.15	
32C	NEWHALL	C							.06							.02										T		.04			.04	
33A-E	PACOIMA DAM	E						.15	.17	T			T	T		.01							T				.20	.09		T	.16	.16
57B-E	OPID'S	E				.02	.05		.21	.05	T									T	T	T	T		T		.65	.60	T		.07	.01
85G	MT. BALDY	B					.13		.03	.36	.04	.02																.04	.02		.08	
106C	WHITTIER	E							.06																			.06			.09	
130B	SANDBERG'S	C			T			.01	.01	T										.01		T			T		.05	T			.17	
185	GLENDORA	E	.04	T		T		.08	.09				.04	.03	.02		.62	T		T				T					.01			.09	.05
241C	LONG BEACH	A							.01																						.01	
256C	POMONA	V					.02			.01																					.02	
283C	CRYSTAL LAKE	E					.05		.34	.11																	.10	.60			.09	
321-E	PINE CANYON	C					.03		T	.04										T							.14				.18	T
425B-E	SAN GABRIEL DAM	E				.01	.08	.04	.23	.08				T					T				T				T	.14			.10	.02
440B	CHILAO	B				.03*			.06	.02																	.38	.05			.06	
455B	LANCASTER	E																													.21	
478	VALYERMO	V																						.94	.14		.07				.15	
610B	PASADENA	C	T				.03	.05	.14	.02			.01	.03													T	.22			.13	.07
634C	SANTA MONICA	D							T									T		T			.01		T		.05	.01			.06	
716	LOS ANGELES	E							.22															T				.14	.09		.02	.04

LEGEND

A – – – – – – 7:00 A.M. GAGE READING
B – – – – – – 8:00 A.M. GAGE READING
C – – – – – – 4:00 P.M. GAGE READING
D – – – – – – 4:30 P.M. GAGE READING
E – – – – – – 5:00 P.M. GAGE READING
F – – – – – – MIDNIGHT GAGE READING
V – – – – – – READINGS AT VARIOUS TIMES

STANDARD TIME – OBSERVED FROM NOVEMBER 1, 1965 THROUGH APRIL 23, 1966
DAYLIGHT SAVING TIME – CLOCK ADVANCED ONE HOUR FROM OCTOBER 1 TO 31, 1965, AND APRIL 24, 1966 THROUGH SEPTEMBER 30, 1966.
NOTE: FOR MONTHLY AND SEASONAL TOTALS SEE TABLE VI, PAGE 15
NO RAINFALL ON DATES NOT SHOWN
– INDICATES PERIOD OF TOTAL FOLLOWING
* ESTIMATE > 10% OF TOTAL
** ESTIMATE < 10% OF TOTAL

TABLE V

SEASONAL 1966–67 DAILY RAINFALL FOR SELECTED STATIONS

RAINFALL RECORDS IN INCHES

STA. NO.	STATION		OCTOBER							NOVEMBER														DECEMBER						
			3	4	5	6	8	10	11	4	6	7	8	9	15	17	20	21	22	23	24	27	28	29	2	3	4	5	6	7	26
6	TOPANGA	E											4.63			.05	.42	.06					.05		.80	3.82	.02	1.75	3.26	.54	
15B	VAN NUYS	G					.01					3.30	.07					.54							.14	1.02		.84	1.20	.15	
32C	NEWHALL	C			.09							5.80	.07				.44	.04						.09	.09	1.90		1.17	1.65	.26	
33A-E	PACOIMA DAM	E			.12			.03				3.16	.16			.03	.50	.08					T		.31	2.96	.02	1.77	2.69	.16	
57B-E	OPID'S	E			.10			.02				6.02	.29				.41	.36	T				.18	.10	.31	6.98		3.76	8.68	.37	
85G	MT. BALDY	B	.02			.02			.07			.93	2.96	.02				.45		.05			.05	.20	.03	6.21		3.29	10.87	1.03	
106C	WHITTIER	E						.08				1.49	.25			.02	.20	.05					T		.06	2.35		1.66	1.03	.05	
130B	SANDBERG'S	C			T	.01		T				5.33	.48		T		.43					T	.05		.37	.25	.11	.19	.49		.11
185	GLENDORA	E						.04	.02			2.55	.93			T	.01	.02		.04			.05	.03	.05	3.89	T	3.03	2.75	.18	.02
256C	POMONA	V							.08			.18	2.17					.01		.19						1.85	.60	1.25	2.87	1.44	
283C	CRYSTAL LAKE	E	T	.08	.26						.08	5.37	.48				.33						.24	.11	.16	6.55		2.99	5.94	.48	
321-E	PINE CANYON	C						.01				3.78	.37				.44	.06	.11	.02			.11		.05	1.57	.04	.48	2.35	.08	.02
415	SIGNAL HILL	E										1.42						.06							.01	1.61	.04	1.63	.43	.12	
425B-E	SAN GABRIEL DAM	E			T			.02				3.46	.36			.01	T	.03					.05	.01	.16	7.23	T	3.58	7.26	.81	
440C	CHILAO	B				.07						1.74	3.07	.02				.34			T		.10	.27		1.89	.34	.85	2.43	2.26	
455B	LANCASTER	E									.05	1.35					.04	.10					.02		.32	.07		.17	.22		
478	VALYERMO	V			.02						.03	1.66					.06						.09		.40	.35	.04	.06	.62	.04	.12
610B	PASADENA	C						.05		T		3.40	.23				.04	.08	T	T			T	.01	.05	2.99		1.45	1.50	.26	
634C	SANTA MONICA	D						.01				2.20				.01	.21	.02						.03	.45	1.55	.03	2.23	.83	.07	
716	LOS ANGELES	E							.05			3.82	.03				.12	.08						T	.30	2.20	.02	1.58	1.18	.05	

STA. NO.	STATION		JANUARY						FEBRUARY			MARCH															
			22	23	24	25	30	31	14	25	26	3	4	5	10	11	12	13	14	15	16	27	28	29	30	31	
6	TOPANGA	E	5.66	.57	5.70	.29		.40		.18			.08		.05	.42	1.90	.99	.29								.67	
15B	VAN NUYS	G	2.40		1.11	.10		.17		.11						.30	.60	.81	.19							.26		
32C	NEWHALL	C	2.70	.51	2.43	.06	T	.06		.19						.41	.96	.72	.01		.04						.61	
33A-E	PACOIMA DAM	E	3.48	.96	2.18	.11	.02	.23		.11					T	.52	1.73	1.19	.36								1.09	
57B-E	OPID'S	E	4.17	1.06	4.46	.53	.02	.21		.64		T	.08		.04	1.63	4.02	4.11	1.05						.07		1.00	
85G	MT. BALDY	B	.41	3.02	.19	3.93		.07		.09	.04		.04	.16		.82	.80	3.77	2.05						.03	.05	.57	
106C	WHITTIER	E	1.40	.80	1.93	.40		.20		.02			.10			.20		.58	.41								.56	
130B	SANDBERG'S	C	3.09	T	1.86	.12	.03		.01	.27		T			.27	.39	1.08	.26		T	.03	T					.53	
185	GLENDORA	E	2.06	1.15	3.08	.77		.15	.01	.03			.08		T	.47	.50	1.36	.52						.02		.56	
256C	POMONA	V	.04	2.57	.20	2.27							.05	.11		.34		.45	.58						.02		.58	
283C	CRYSTAL LAKE	E	3.39	1.05	3.73	.83		.12	.02	.32		T	.06			1.63	3.01	2.78	.86						.10		.80	
321-E	PINE CANYON	C	3.15	.58	2.97	.09	.08	.05		.52						.98	1.72	1.15	.30						.03		.93	
415	SIGNAL HILL	E	1.01	1.14	1.18	.21		.10					.23			.13	.21	.35	.11								.30	
425B-E	SAN GABRIEL DAM	E	2.88	1.50	3.27	1.02		.15	T	.15			.10		T	.67	1.52	2.40	.73						.03		.68	
440C	CHILAO	B	.31	2.18	.25	1.42		.04		.25			T	.07		.35	.82	1.31	.60				T		.02		.72	
455B	LANCASTER	E	.88		.37								.08	.03	.02												.50	
478	VALYERMO	V	.66	.22	.64					.01			.01			.03	.01	.06	.03						.02		.16	
610B	PASADENA	C	2.05	1.16	2.53	.68		.17		.12			.06		T	.46	.95	1.30	.34						.02		.53	
634C	SANTA MONICA	D	1.48	.17	1.54	.15	.02	.20		.02			.10		T	.10	1.29	.45	.16								.40	
716	LOS ANGELES	E	2.08	1.54	1.79	.22		.27		.12			.08			.37	.65	.76	.16						.01		.48	

STA. NO.	STATION		APRIL																									
			1	2	3	4	5	7	8	10	11	12	13	15	16	18	19	20	21	22	23	24	25	27	28	29	30	
6	TOPANGA	E	.42	.20		.41		.22			1.05					1.04	.35		.60	.56		.36			.18	.28		
15B	VAN NUYS	G	.53	.45		.43		.31			.71			.06		.60	.13		.30	.27		.30				.49		
32C	NEWHALL	C	.56	.09		.43	.06	.17			.95	T		T		.82	.51	.01	.19	.41		.18				.23		
33A-E	PACOIMA DAM	E	.26	.56		.28	.02	.81			1.33	.04		.06		.72	.40	.11	.22	.46	.01	.20			.02	.23		
57B-E	OPID'S	E	.80	.74		.81		.52		T	2.36	.04		.30		2.42	1.10	.03	.94	1.81		.34			.07	.43		
85G	MT. BALDY	E	.22	1.19	.04		1.39	.05	.65		1.55	.62			.15		2.01	.53	.09	2.65		.16	.09			.41		
106C	WHITTIER	E	.32	.50		.10		.52			.42					.51	.39		.41	.74		.14				.20		
130B	SANDBERG'S	C	.51	.23		1.89	.26	.29	.06		.57	.19		.17	.09	.91	.14	.06	.61	.63		.03			.19	.18	T	
185	GLENDORA	E	.70	.37		.23	.01	.30			1.08	.01	T	.02		.84	.50	.13	.50	1.26		.29	T	T		.28		
256C	POMONA	V		1.02							.79	.18					.79	.35	.12	.78		.02				.08		
283C	CRYSTAL LAKE	E	1.17	.88		1.18	.12	.72			2.60			.10		1.41	.95		.92	2.08		.14			.01	.64		
321-E	PINE CANYON	C	.33	.35		.33	.11	.42	.09		1.11	T		.04	.23	1.32	.32	.02	.45	1.00		.16			.09	.15		
415	SIGNAL HILL	E	.48	.05				.03			.36					.42	.30		.35	.13		.06				.17		
425B-E	SAN GABRIEL DAM	E	.84	.45		.65	.01	.53			1.78			.01		1.43	.49		.58	.83		.24				.37		
440C	CHILAO	B	T	1.17		T	.65	.08	.03		1.10	.24		T	.10		1.44	.13	.16	1.07		.18				.27		
455B	LANCASTER	E	.17				.02	.11			.43			.06		.16	.02			.17		.04			.17			
478	VALYERMO	V		.65		.36		.03			.78					.64			.50			.06			.10			
610B	PASADENA	C	.47	.49		.17	T	.17			.91	.07		.03		.77	.41	.03	.41	.61		.39			T	.11		
634C	SANTA MONICA	D	.20	.16		.07					.35			T		.43	.29	T	.77	.17		.18			.08	.09		
716	LOS ANGELES	E	.55	.19			.09	.14			.64					.42	.27	.04	.66	.37		.37			.07			

TABLE V (Continued)

SEASONAL 1966–67 DAILY RAINFALL FOR SELECTED STATIONS

RAINFALL RECORDS IN INCHES

STA. NO.	STATION		MAY 4	5	6	9	10	18	26	28	29	30	31	JUNE 1	8	9	10	12	13	14	16	17	18
6	TOPANGA	E					T																	
15B	VAN NUYS	B																						
32C	NEWHALL	C					.09						.07											
33A-E	PACOIMA DAM	E				T	.39		.06				.20					T				T		
57B-E	OPID'S	E		T		.12	.15						.46					T	.02					
85G	MT. BALDY	B					.40				.02		.04	.15					.05	.02				
106C	WHITTIER	E					.15											T						
130B	SANDBERG'S	C	.23	.53	T								T											T
185	GLENDORA	E				T	.09		.02	.03	.14	.17	.10	.03	.01		.02	.15	.08			.02		.02
256C	POMONA	V					.15																	
283C	CRYSTAL LAKE	E				.22	.22	T					.25							.22				
321-E	PINE CANYON	C					.09						.07						.06					
415	SIGNAL HILL	E											.03	.03				.04						
425B-E	SAN GABRIEL DAM	E				T	.05				.03	.03	.48	.08	T	T	.03	.09	.14			T		
440C	CHILAO	B					.12							.03										
455B	LANCASTER	E																						
478	VALYERMO	V																			.02			
610B	PASADENA	C				.02	.05			T	T	T	.11		T	T		.09	T			.02	.02	
634C	SANTA MONICA	D				T							.01											
716	LOS ANGELES	E					.01							T										

STA. NO.	STATION		JULY 4	5	15	AUGUST 13	15	16	17	22	23	24	25	30	31
6	TOPANGA	E													
15B	VAN NUYS	B													
32C	NEWHALL	C												T	
33A-E	PACOIMA DAM	E													
57B-E	OPID'S	E													T
85G	MT. BALDY	B						.13							
106C	WHITTIER	E													
130B	SANDBERG'S	C		T		T							T		
185	GLENDORA	E													
256C	POMONA	V													
283C	CRYSTAL LAKE	E				.08	T	T	.16						
321-E	PINE CANYON	C													
415	SIGNAL HILL	E													
425B-E	SAN GABRIEL DAM	E													T
440C	CHILAO	B				.58									
455B	LANCASTER	E													
478	VALYERMO	V	.01		.15					.15	.38	.42			.02
610B	PASADENA	C													
634C	SANTA MONICA	D													
716	LOS ANGELES	E													T

STA. NO.	STATION		SEPTEMBER 1	2	3	9	10	18	19	20	24	26	27	28	29	30
6	TOPANGA	E	.02										.03	.31		
15B	VAN NUYS	B	.16										.04	.17	.78	
32C	NEWHALL	C							.03					.36	.04	
33A-E	PACOIMA DAM	E	.16	1.09	.01						.05		.07	.13	.07	
57B-E	OPID'S	E		.86			T						.03	.06	.05	
85G	MT. BALDY	B		.37					.08				.47	.27		.02
106C	WHITTIER	E	T	.06									T	.36		
130B	SANDBERG'S	C	.03	T				T	.85					.03	.10	
185	GLENDORA	E	.02	1.33	.02		.01	T	T	T	.03		.18	.19		
256C	POMONA	V	.12									.09				
283C	CRYSTAL LAKE	E			.33		.06		.08	T		T		.28		
321-E	PINE CANYON	C	.04						.97		.02			.01		
415	SIGNAL HILL	E												.60	.07	
425B-E	SAN GABRIEL DAM	E		.12	.01		T						.01	.06		
440C	CHILAO	B	T	.07	.02								T	.05		
455B	LANCASTER	E	.27					.25						.04		
478	VALYERMO	V		.06		.01		.05	.02				.01	.33		
610B	PASADENA	C		.05					T		.01		.01	.20		
634C	SANTA MONICA	D	.02	.08			T						.02	.27	.76	
716	LOS ANGELES	E		.51									T	.31	.24	

LEGEND

A – – – – – – 7:00 A.M. GAGE READING
B – – – – – – 8:00 A.M. GAGE READING
C – – – – – – 4:00 P.M. GAGE READING
D – – – – – – 4:30 P.M. GAGE READING
E – – – – – – 5:00 P.M. GAGE READING
F – – – – – – MIDNIGHT GAGE READING
V – – – – – – READINGS AT VARIOUS TIMES

STANDARD TIME – OBSERVED FROM OCTOBER 30, 1966 THROUGH APRIL 29, 1967
DAYLIGHT SAVING TIME – CLOCK ADVANCED ONE HOUR FROM OCTOBER 1 TO 30, 1966, AND APRIL 30, 1967 THROUGH SEPTEMBER 30, 1967.
NOTE: FOR MONTHLY AND SEASONAL TOTALS SEE TABLE VII, **PAGE 20**
NO RAINFALL ON DATES NOT SHOWN
– INDICATES PERIOD OF TOTAL FOLLOWING
* ESTIMATE > 10% OF TOTAL
** ESTIMATE < 10% OF TOTAL

TABLE VI

SUMMARY OF MONTHLY RAINFALL IN INCHES

SEASON 1965-66

STA. NO.	STATION	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	SEAS. TOTAL
2B	ESCONDIDO CANYON	0	11.59	6.09	1.61	1.57	.04*	0	.04	0	0	0	.21	21.15**
3B	SEMINOLE HOT SPRINGS	0	18.40	12.46	2.00	1.07	.05	0	.71	0	.02	0	.13*	34.84**
4B	MALIBU LAKESIDE	0	19.45	12.00	2.01	1.29	.05*	0	0	0	0	0	.05*	34.85**
5B	CALABASAS	0	13.91	7.32	1.62	1.43	.15	0	.06	0	0	0	.15	24.64
6	TOPANGA PATROL STATION	0	18.62	8.71	1.50	1.88	.12*	0	.22	0	.10	0	.14	31.29**
9B	LINDOMAR NURSERY - SEPULVEDA & RAYEN	0	11.26*	4.02	1.41	1.23	.30*	0	.42	0	0	0	.39*	19.03*
10B	BEL AIR HOTEL	0	11.94	5.66	1.32	1.72	.25	0	.66	0	0	0	.14	21.69
11C	UPPER FRANKLIN CANYON RESERVOIR	0	14.37	6.94	1.20	1.41	.30	0	.65	0	0	0	.34	25.21
12	FRANKLIN CANYON - MULHOLLAND HIGHWAY	0	14.51	6.68	1.22	1.39	.33	0	.72	0	0	0	.15	25.00
13B	NORTH HOLLYWOOD - BLIX	0	12.30	7.35	1.15	1.13	.43	0	.23	0	0	0	.37	22.96
14C	ROSCOE-MERRILL	0	10.47	5.03	1.24	.94	.40	0	.19	0	T	T	.99	19.26
15B	VAN NUYS	0	11.59	5.79	1.23	1.01	.30	0	.30	0	.01	0	.49	20.72
17	SEPULVEDA CANYON - MULHOLLAND HIGHWAY	0	18.12	9.66	1.46	1.53	.26*	0	.54	0	0	0	.19*	31.76**
20B	GIRARD RESERVOIR	0	15.27	8.65	1.47	1.29	.10	0	.06	0	.01	0	.17	27.04
21	BRANT RANCHO - GIRARD	0	11.84	5.14	1.30	1.51	.21*	0	.10	0	0	0	.20	20.30**
23-E	CHATSWORTH RESERVOIR	0	10.98	4.66	1.10	1.33	.21	0	.31	0	T	0	.14	18.73
24D	CHATSWORTH	0	13.15	4.67	1.20	1.46	.20	0	.29	0	T	0	.10	21.07
25C	NORTHRIDGE - LOS ANGELES DEPT. WATER AND POWER	0	10.92	4.24	1.14	1.43	.30	0	.25	0	.03	0	.55	18.86
27B	PACOIMA - RADDATZ RANCH	0	10.85	4.02	1.20	1.13	.29	0	.30	0	0	0	.39	18.18
28F	SAN FERNANDO	0	12.30	3.65	1.15	1.46	.30	0	.21	0	.07	0	.34	19.48
29D	GRANADA HILLS	0	13.93	4.18	1.23	1.74	.28	0	.42	0	.03	0	.34	22.15
30B	SYLMAR	0	13.95	5.79	1.05	1.56	.38	0	.25	0	T	0	.58	23.56
31	ORCUTT RANCH	0	20.54	8.82	1.13	1.97	.28	0	.60*	0	0	0	.24	33.58**
32C	NEWHALL - SOLEDAD DIVISION HEADQUARTERS	0	14.90	6.72	1.21	1.32	.28	0	.08	0	0	0	.08	24.59
33A-E	PACOIMA DAM	0	15.66	4.68	1.00	1.38	.35	0	.33	0	T	0	.61	24.01
39B	SUNSET DAM	0	13.41	6.49*	1.16	.97	.71	0	.57	0	0	0	.54	23.85*
42C	REDONDO BEACH - CITY HALL	0	7.50	4.98	1.17	1.16	.39	0	.06	0	0	0	.17	15.43
43D	PALOS VERDES ESTATES	0	7.71	4.24	1.14	1.23	.41	0	.09	.03	0	0	.13	14.98
44A	POINT VICENTE LIGHTHOUSE	0	11.41	3.69	.78	.31	.29	.02	.14	0	0	0	.06	16.70
46D-E	BIG TUJUNGA DAM	0	24.86	10.42	.85	1.84	.60	0	.05	0	0	0	.67	39.29
47D	CLEAR CREEK - CITY SCHOOL	0	27.00**	13.60**	.81	2.33	.58	0	.01	0	0	.01	.13*	44.47*
48B	OAK WILDE	0	15.95	7.77	.85	1.70	.74	0	.35	0	0	0	.55	28.01
50B	LA CANADA - ARROYO SECO	0	18.20	8.04	.95	1.51	.45	.05	.38	0	0	0	.78	30.36
51	FALLING SPRINGS	0	30.14	15.60	.97	3.17	1.01	.10	.63	0	T	0	.51	52.13
52D	WATERMAN GUARD STATION	0	27.70	10.47	.91	2.22	.79	.05	.17	0	0	0	.96	43.27
53D	COLBY'S	0	24.47	10.02	.77	2.13	.51	T	.01	0	0	0	1.06	38.97
54C	LOOMIS RANCH	0	13.66	6.79	.63*	2.19*	.63	.03	0	0	.03	0	.98**	24.94**
57B-E	OPID'S (CAMP HI HILL)	0	37.92	14.71	.92	3.09	.87	.07	.26	0	T	T	1.33	59.17
58	STURTEVANT CAMP	0	40.81	15.98	1.06	2.74	.83	.11	.96	0	0	0	.52	63.01
60A	HOEGEE'S	0	32.67	12.95	1.24	3.01	.58	.14	.82	0	0	0	.64	52.05
63C-E	SANTA ANITA DAM	0	18.87	7.50	1.13	2.49	.82	.09	.73	0	0	0	.74	32.37
66	SIERRA MADRE - PEGLAR RANCH	0	15.42	6.85	.82	1.55	.61	0	.28	0	T	0	.39	25.92
67F	MONROVIA - NEWS POST	0	15.45	6.24	.87	1.54	.72	T	.36	0	0	0	.50	25.68
68C	SAWPIT DAM	0	18.34	7.81	.99	1.99	.64	.15	.84	.02	T	0	.81	31.59
70D	ROGER'S CANYON	0	16.39	7.02	.90	2.38	.97	T	.31	0	0	0	.28	28.25
73	GLENDORA - ENGLEWILD RANCH	0	12.97**	5.83	.83	2.21	.83	.02	.30	.02	0	0	.22	23.23**
76B	SAN GABRIEL DAM CAMP	0	22.98	11.01	.85	2.42	.95	.06	.21	0	.02	0	.27	38.77
80B	PRAIRIE FORK	0	17.33	10.38	1.38	3.68	1.54	0	0	0	0	0	.26	34.57
81B	VINCENT GAP	0	18.10	9.32	.58	1.72	.73	0	0	0	0	0	.75	31.20
82F	TABLE MOUNTAIN	0	16.69	8.70	.87	2.43	.85	0	0	0	.19	.88	.52	31.13
83B	BIG PINES RECREATION PARK	0	19.87	10.31	1.49	3.41	1.17	0	0	0	.13	.10	.58	37.06
85G	MT. BALDY GUARD STATION	0	30.30	16.58	1.09	3.37	1.04	.13	.45	0	0	0	.14	53.10
87C	SAN DIMAS GUARD STATION	0	14.07*	7.12*	1.05	3.45	.72	.08	.23	0	0	0	.15	26.87*
89B-E	SAN DIMAS DAM	.02	13.08	6.28	.86	2.39	.68	.07	.15	0	0	0	.07	23.68
90	ELDER RANCH	0	13.16	5.91	1.05	2.14	.80	.08	.26	0	0	0	.07	23.47
91	INDIAN HILL - CLAREMONT	0	10.70	4.41	.71	2.06**	.68	0	.20*	0	0	0	.06	18.82**
92	CLAREMONT - POMONA COLLEGE	0	9.74	4.01	.95	1.87	.36	.03	.11	0	0	0	.04	17.11
93B	CLAREMONT - FIRE STATION	0	10.03	4.13	1.01	1.99	.38	.05	.12	0	0	0	.04	17.75
95	SAN DIMAS - FIRE WARDEN	0	10.15	4.55	.98	1.69	.49	.05	.13	0	0	0	.10	18.14
96B-E	PUDDINGSTONE DAM	0	9.31	4.27	1.03	1.39	.40	0	.13	0	0	0	.06	16.59
99B	AZUSA - FOOTHILL RANCH	0	12.21	5.09	.83	1.99	.79	0	.19	0	0	0	.12	21.22
101D	WEST COVINA	0	9.67	4.47	.83	1.50	.70	0	.12*	0	0	0	.02	17.31**
102C	WALNUT - PATROL STATION	0	8.42	5.16	.73	1.63	.47	0	0	0	0	0	.05	16.46
106C	WHITTIER - CITY HALL	0	8.85	4.27	1.00	1.29	.80	0	.06	0	0	0	.15	16.42
107C	DOWNEY - FIRE DEPARTMENT	0	9.09	4.93	.90	1.15	.78	.05	.05	0	T	0	.07	17.02
108D	EL MONTE FIRE STATION	0	11.10	4.16**	1.17	1.37	1.10	0	.19	0	T	0	.58	19.67**
109D	WEST ARCADIA	0	14.35	5.04	.76	1.25	.55	0	.23	0	0	0	.46	22.64
110B	ALHAMBRA	0	12.43	6.73	1.15	1.39	.66	0	.17	0	0	0	.62	23.15
111	SOUTH PASADENA - CITY HALL	0	12.63	6.65	1.02	1.35	.66	T	.11	0	0	0	.39	22.81
116D	INGLEWOOD - FIRE STATION	0	7.49	3.67	1.04	1.50	.41	T	.41	0	0	0	.25*	14.77**
117F	COMPTON - FIRE STATION	0	8.82	5.07	.98	1.26	.59	T	.13	0	0	0	.22	17.07
118C	WILMINGTON	0	8.33	4.64	1.34	.93	.45	0	.50	0	0	0	.05*	16.24**
119F	SAWTELLE - SOLDIER'S HOME	0	10.25	5.18	1.20	1.68	.25	0	.35	0	T	0	.05	18.96
120	VINCENT PATROL STATION	0	5.25	2.90	.66	1.25	.32	0	0	0	0	0	.41	10.79
122F	LEONIS VALLEY - RITTER RANCH	0	9.73	6.81	.91	1.58	.23	0	T	0	.12	0	.41	19.79
124B-E	BOUQUET CANYON RESERVOIR	0	11.82	5.77	.95	1.73	.25	0	0	0	0	0	.25	20.77
125B	SAN FRANCISQUITO CANYON POWER HOUSE NO. 1 (SAUGUS)	0	12.20	6.88	.99	1.59	.18	T	.12	0	0	0	.59	22.55
126B	VENICE - FIRE STATION	0	7.84	4.38	1.03	1.23	.23	0	.03	0	T	0	.20	14.94
127B	DRY CANYON RESERVOIR	0	9.76	3.75	.78	1.51	.15	0	.01	0	0	0	.28	16.24
128B	ELIZABETH LAKE CANYON	0	16.95	6.70	1.05	1.30	.10	T	.45	0	0	0	.35	26.90
130B	SANDBERG - QUAIL LAKE PATROL STATION	T	12.44	3.41	1.16	1.41	.12	T	.02	0	.01	T	.22	18.79
134B	SAN DIMAS - STEVENS	0	11.56	4.42	.86	1.64	.52	.05	.11	0	0	0	.11	19.27
135	NORWALK	0	7.10	4.03	1.02	1.19	.61	0	.10	0	0	0	.05	14.10
140C	SAWTELLE	0	10.00	3.75	1.05	1.63	.20	0	.35*	0	0	0	0	16.98**
143B	AZUSA - CITY PARK	0	12.52	5.29	.83	1.79	.92	0	.19	0	0	0	.24	21.78
144	SIERRA MADRE DAM	0	19.36	8.35	1.07	2.05	.62	0	.71	0	0	0	.70	32.86
155C	LITTLE ROCK CREEK	0	4.66	4.23	.65	1.82	.14	0	0	0	.04	T	.44	11.98
156	LA MIRADA - STANDARD OIL CO.	0	7.86	3.93	.93	1.22	.46	T	T	0	0	0	.02	14.42
157B	EL SEGUNDO - STANDARD OIL CO.	0	6.91	2.98	1.11	1.43	.57	0	.18	0	0	0	.33	13.51
158	TANBARK FLATS	0	19.04	8.41	.79	2.85	.87	.09	.35	0	0	0	.22	32.62
167B	ARCADIA PUMPING PLANT NO. 1	0	15.07	6.58	1.01	1.60	.61	0	.31	0	T	0	.53	25.71
169	SIERRA MADRE PUMPING PLANT	0	16.20	7.11	.89	1.63	.60	0	.35	0	0	0	.54	27.32
170D	POTRERO HEIGHTS	0	11.13	5.78	.96	1.39	.80	0	.10	0	0	0	.42	20.58
172B	DUARTE	0	13.14	6.46	.92	1.59	.60	0	.20	T	0	0	.18	23.09
174	GLENDORA - WARREN	0	11.78	5.41	.90	1.79	.52*	.05*	.29*	0	0	0	.10*	20.84**
175B	LA CANADA IRRIGATION DISTRICT	0	19.81	7.77	.86	1.79	.65	0	.77	0	0	0	.86	32.53
176	ALTADENA - RUBIO CANYON	0	17.65	8.04	.85	1.81	.67	.04	.43	0	.04	0	.49	30.02
177F	LA CANADA - AP ROBERTS	0	17.40	8.08	.81	1.49	.48	0	.40	0	0	0	.78	29.44
178C	AZUSA VALLEY WATER CO.	0	9.61	4.80	1.01	1.77	.89	.03	.13	0	0	0	.10	18.34
179G	BAILY DEBRIS DAM	0	19.63	8.26	1.14	1.85	.57	.03	.69	0	0	0	.63	32.80
185	GLENDORA - WEST	T	11.36	5.49	.85	2.04	.76	.04	.28	T	T	0	.15	20.97
190B	RANCHO SOMBRERO	0	16.44	4.42	1.00	1.20	.35	0	.30*	0	0	0	.84	24.55**
191B	LOS ANGELES - ALCAZAR	0	10.42	6.02	.92	1.40	.44	0	.20	0	0	T	.25	19.65
192C	BELL - FIRE STATION	0	9.11	7.06	1.34	1.37	.47	.03	.04	0	0	0	.18	19.60
193B	COVINA NO. 2 - TEMPLE	0	9.49	4.77	1.47	1.52	.44	T	.09	0	T	0	.06	17.84
196B	LA VERNE - POLICE DEPARTMENT	0	9.72	3.90	.88	1.62	.38	.03	.28	0	0	0	.06	16.87
198C	BRAND DEBRIS BASIN	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	0	.21	0	0	0	.42	INC.
199D	HUNTINGTON PARK - CITY YARD	0	8.99**	6.25	.98	1.13	.47	0	.46	0	0	0	.28	18.56**
200	SAUGUS - S.C.E. CO. SUBSTATION	0	10.10	4.48	.86	1.27	.24	0	0	0	0	0	.19	17.14
201B	PUENTE HILLS - ALTA MIRA RANCH	0	10.12	5.04	.89	1.70	.57	T	.01	0	0	0	.17	18.50
208B	ARTESIA	0	6.48	4.08	1.29	1.13	.56	0	.08	0	0	0	.02	13.64
210B	BRANO PARK	0	13.50	6.48	1.09	.90	.69	0	.43	0	0	0	.50	23.59
213F	LOS ANGELES - HANCOCK PARK	0	10.24	5.36	1.08	1.77	.27	0	.40	0	0	0	.18	19.30
216	GLENDALE - JONES	0	13.58	5.67	.90	1.13	.54	T	.22	0	0	T	.40	22.44
219	PACOIMA WAREHOUSE - COUNTY FORESTRY	0	15.02	4.54	1.02	.40	.18	0	.16	0	0	0	.35	21.67

TABLE VI (Continued)

SUMMARY OF MONTHLY RAINFALL IN INCHES

SEASON 1965-66

STA. NO.	STATION	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT.	SEAS. TOTAL
222C	LANKERSHIM PUMPING PLANT	0	11.34	6.36	1.34	.96	.37	0	.24	0	0	0	.59	21.20
223B-E	BIG DALTON DAM	0	15.58	6.28	1.24	3.21	.75	.07	.29	0	0	0	.24	27.66
224B	LONG BEACH - ALAMITOS LAND CO.	0	5.56	2.24	.85	1.58	.37	0	0	0	0	0	.05	10.65
225	MONTANA RANCH	0	6.40*	3.97	1.34	1.35	.47	0	.12	0	0	0	.02*	13.67**
226B	BURBANK FIRE STATION	0	11.59	6.40	.95	.92	.60	0	.15	0	0	T	.33	20.94
227D	SAN GABRIEL - BRUINGTON	0	12.72	6.08	1.11	1.33	.66*	0	.14	0	0	0	.50	22.54
228B	BEVERLY HILLS - CITY HALL	0	10.40	5.10	1.06	1.96	.28	0	.48	0	T	0	.20	19.48
235C	HENNIGER FLATS	0	22.96	9.62	1.18	2.03	.83	.09	.88	.03	0	0	.84	38.46
237C-E	STONE CANYON RESERVOIR	0	14.95	6.99	1.33	1.79	.34	0	.74	0	.03	0	.14	26.31
238	HOLLYWOOD DAM	0	11.65	5.44	.83	1.22	.43	0	.29	0	0	0	.36	20.22
241C	LONG BEACH - CITY HALL	0	6.82	2.99**	1.04*	1.62	.48	0	.01	0	0	0	.01	12.97**
246B	CULVER CITY - BUS YARD	0	8.52	4.22	1.02	1.49*	.26	0	.32	0	.02	0	.09	15.94**
250D	ACTON CAMP	0	7.25	4.41	.80	1.03	.20	0	0	0	T	0	.33	14.02
251	LA CRESCENTA	0	19.38	9.31	.77	1.67	.69	0	.62	0	0	0	.53	32.97
254B	LA PUENTE - ROLAND RANCH	0	10.07	6.58	.92	1.69	.55	T	T	0	T	0	.28*	20.09**
255D	MOUNT SAN ANTONIO COLLEGE - SPADRA	0	9.51	4.92	1.10	1.65	.33	0	.04	0	0	0	.04	17.59
256C	POMONA - FIRE STATION	0	8.69	3.98	1.29	1.60	.33	.02	.01	0	0	0	.02	15.94
257	GRIFFITH PARK NURSERY	0	13.38	5.46	1.00	1.30	.49	0	.24	0	0	0	.42	22.29
259D	CHATSWORTH TWIN LAKES	0	14.42	5.40	1.34	1.44	.26	0	.38	0	0	0	.22	23.46
261B-E	ACTON - ESCONDIDO CANYON	0	7.47	3.02	.80	1.23	.20	0	0	0	0	0	.38	13.10
263F	POMONA - RIVERA	0	8.84	3.96*	.96	1.66	.52	0	0	0	0	0	0	15.94*
264B	SAND CANYON - PLACERITA CANYON	0	19.73	2.90	1.10	1.46	.30	0	0	0	0	.01*	.17*	25.67**
265D	PUENTE HILLS - WEISEL RANCH	0	7.78	4.63	.98	1.62	.52	0	.02	0	0	0	.17	15.72
269C	DIAMOND BAR HORSE CAMP	0	9.35	4.58	.90	1.52	.67	0	0	0	0	0	.04	17.06
270C	COUNTY FARM - RANCHO LOS AMIGOS	0	7.82*	6.04	.97	1.15	1.38	0	.05*	0	0	0	.07*	17.48**
272D	LOS ANGELES - HEADWORKS PUMPING PLANT	0	11.54	7.42	.85	1.29	.50	0	.25	0	0	0	.34	22.19
274B	ACTON - HUBBARD	0	8.92	3.41	.85	1.52	.27	0	0	0	0	0	.65	15.62
275	SAN MARINO - HUNTINGTON LIBRARY	0	12.89	6.51	.93	1.36	.66	.03	.18	0	0	0	.50	23.08
277	SAWMILL MOUNTAIN RANCH	0	14.89	5.44	1.30	1.41	.03	0	.03	0	0	0	T	23.10
278B	LOS ANGELES - CLARK MEMORIAL LIBRARY	0	9.24	5.37	1.04	1.71	.38	0	.25	T	.02	0	.46	18.47
280B	FLINTRIDGE FIRE STATION	0	15.93	7.46	.80	1.24	.63	0	.41	0	0	0	.78	27.25
283C	CRYSTAL LAKE	0	35.50	15.44	1.19	3.12	.92	.05	.45	0	0	0	.79	57.46
284D	PLACERITA CANYON	0	17.89	4.85	1.73	1.16	.25	0	0	0	0	.01	.17	26.08
285C	MOUNT ST. MARY'S COLLEGE	0	14.76	6.44	1.42	2.00	.28	0	.62	0	0	0	.07	25.59
287	GLENDORA -	0	11.04	5.22	.81	2.09	.78	.20	.18	0	0	0	.12	20.44
289	LAGUNA-BELL - S.C.E. CO. SUBSTATION	0	8.37	5.51	.90	1.57	.54	0	.05	0	0	0	.28	17.22
290B	MONTEREY PARK - FIRE STATION	0	11.42	6.26	1.03	1.09	.74	.02	.29	0	0	0	.29	21.14
291	LOS ANGELES - 96TH AND CENTRAL	0	7.93	5.50	.98	1.20	.54	0	.20	0	0	0	.15	16.50
292D-E	ENCINO RESERVOIR	0	16.00	7.99	1.41	1.22	.22	0	.30	0	.07	0	.14	27.35
293-E	VAN NORMAN LAKE - LOWER	0	12.09	3.88	1.21	1.67	.35	0	.35	0	T	0	.57	20.12
294B	SIERRA MADRE - MIRA MONTE PUMPING PLANT	0	19.32	8.32	1.10	1.85	.64	0	.55	0	0	0	.61	32.39
295G	GLENDALE - STAPENHORST	0	13.65	6.43	1.02	1.20	.58	0	.28	0	T	T	.49	23.65
298B	GORMAN	0	7.24	2.70	1.18	1.56	0	0	0	0	0	0	0	12.68
299D	LITTLE ROCK	0	3.54	2.60	.40	1.05	.19	0	0	0	0	0	.40	8.18
303F	PASADENA - CAL TECH	0	14.80	7.09	.91	1.38	.84	T	.19	0	T	0	.37	25.58
304	SAWPIT CANYON - DEER PARK	0	25.59	11.58	1.45	2.78	1.08	.23	.78	.07	0	0	.82	44.38
306F	FRANCAS BEACH	0	8.98	4.62*	1.36	1.16*	.03	0	.27	0	.05*	0	.05*	16.52*
311b	PASADENA METEOROLOGICAL STATION	0	14.36	6.95	.89	1.64	.64	.01	.31	0	0	0	.58	25.38
312B	AZUSA PLANT - GLENDORA IRRIGATING COMPANY	0	13.77	5.87	.88	1.77	.75	T	.24	T	0	0	.12	23.40
321-E	PINE CANYON PATROL STATION	0	16.38	8.06	1.07	1.13	.15	.03	.04	0	T	0	.32	27.18
322	MUNZ VALLEY RANCH	0	9.22	4.87	.65	.66	.07	0	0	0	0	0	.33	15.80
334B-E	COGSWELL DAM	0	29.32	14.27	.95	2.28	.67	.02	.11	0	T	0	.49	48.11
336-E	SILVER LAKE RESERVOIR	0	11.66	5.67	1.03	1.29	.45	0	.40	0	0	0	.90	21.60
338A	MT. WILSON - OBSERVATORY	0	36.39	2.07	1.16	2.44	1.18	.04	.64	0	0	0	.33	44.25
338B	MT. WILSON - AIRWAYS STATION	0	29.92	9.82	1.09	2.79	1.29	.18	.61	0	0	0	.48	46.18
339	WALNUT FRUIT GROWERS' ASSOCIATION	0	9.70	5.55	.92	1.83	.51	0	0	0	0	0	0	18.51
341	ALISO CANYON - BLUM RANCH	0	7.70	4.21	.83	1.11	.25	0	0	0	0	T	.46	14.56
342B	UPLAND - CADNUM	0	10.15	4.10	.85	1.89	.51	.10	.09	0	0	0	.07	17.75
347-E	BALDWIN PARK EXPERIMENTAL STATION	0	10.57	5.23	1.48	1.31	.92	T	.16	0	0	0	.12	19.79
349D	CAMP RINCON	0	27.06	14.01	.78	2.61	.71	.03	.20	0	T	0	.27	45.67
352B	LECHUZA PATROL STATION	0	16.98	7.96	2.11	1.61	.09	0	.36	0	0	0	.11	29.22
355B	LOS ANGELES - CITY COLLEGE	0	11.85	6.34	1.02	1.54	.40	0	.14	0	T	T	.41	21.70
356C	SPADRA - PACIFIC COLONY	0	8.45	4.05	1.03	1.58	.33	T	.02	0	0	0	.04	15.50
357	VAN NORMAN LAKE - UPPER	0	13.93	3.49	1.20	1.97	.35	0	.17	0	0	0	.52	21.63
363C	WILSON CANYON	0	21.00	5.08	1.36	2.26	.58	0	.53	0	0	0	1.13	31.94
364	HAINES CANYON - LOWER	0	20.07	11.34	1.20	1.60	.56	0	.50	0	T	0	.66	35.93
365C	MT. LUKENS	0	19.79	11.09	.84	2.14	.71	0	.50*	0	0	0	.49	35.56**
367	HAINES CANYON - UPPER	0	25.30	11.72	1.05	1.78	.58	0	.50	0	T	0	.65	41.58
372	SAN FRANCISQUITO POWER HOUSE NO. 2	0	12.91	5.91	.83	1.68	.19	0	.04	0	0	0	.30	21.86
373B	BRIGGS TERRACE	0	22.03	9.45	.95	1.90	.84	T	.87	0	0	.01	.90	36.95
377F	LAKE SHERWOOD ESTATES	0	14.02	9.08	1.95	.96	.08	.05	.09	0	0	0	.06	26.29
378B	SAN GABRIEL - EAST FORK	0	22.24	10.14	.83	2.30	.79	T	.22	0	T	0	.08	36.60
386C	ZUMA CANYON - OAKLEY	0	19.89	12.20	2.52	1.54	.04	0	.31	T	.05	.01	.13	36.69
387B	COVINA - CITY YARD	0	9.74	4.57	1.16	1.57	.88	.01	.10	0	0	0	.09	18.12
388C	PARAMOUNT - COUNTY FIRE STATION	0	7.66	4.34	1.11	1.17	.70	0	.22	0	0	0	0	15.20
389B	GLENDORA - BROWN	0	12.57	5.11	.79	2.19	.97	.04	.29	0	0	0	.16	22.12
390B-E	MORRIS DAM	0	18.22	7.57	1.00	3.01	.87	.08	.45	0	0	0	.23	31.43
391C	MONTEBELLO - FIRE DEPARTMENT	0	10.01	5.43	1.97	1.11	.50	.01	.10	0	T	T	.45	19.58
394	HIGHLAND PARK - LINDSAY	0	12.14	6.62	1.04	1.29	.65	0	.15	0	0	0	.32	22.21
395B	OLIVE VIEW SANITARIUM	T	17.65	4.27	1.18	1.52	.39	0	.36	0	T	T	.76	26.13
402F	CEDAR SPRING	0	25.64	10.52	.72	2.48	.76	0	0	0	.17	0	.55	40.84
405B	SOLEDAD CANYON - ECKLES	0	8.87	5.04*	.78	1.19	.17	0	0	0	.03	0	.29	16.37**
406C	WEST AZUSA	0	10.47	5.12	1.00	1.45	.74	.03	.19	0	0	0	.21	19.21
407-E	NEWHALL - UNITED STATES FOREST SERVICE HDQRS.	0	16.18	7.21	1.23	1.48	.22	0	.23	0	0	0	.10	26.65
409	RIDGE ROUTE - STATE HIGHWAY MAINTENANCE STATION	0	17.86	4.58	1.62	1.05	0	0	0	0	0	0	.25	25.36
415	SIGNAL HILL - CITY HALL	0	6.45	3.00	1.21	1.54	.53	0	.03	0	0	0	.05	12.81
419B	SANTA CLARA RIDGE - MT. GLEASON	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
420C	ACTON - COLOMBO RANCH	0	10.21	5.10	.90	1.05	.25	0	0	0	0	0	0	17.92
422G	PACOIMA CANYON	0	21.10	7.01	.89	1.58	.34	0	.32*	0	0	0	.27	31.51**
423A	ALISO CANYON - WAGON WHEEL RANCH	0	13.62	6.13	.79	1.76	.42	0	0	0	.04	0	.58	23.34
425B-E	SAN GABRIEL DAM	0	23.75	10.55	1.04	2.68	.84	.09	.35	0	T	0	.26	39.56
432	SANTA ANITA - FERN LODGE	0	28.53	11.90	1.21	3.04	.70	.11	.64	0	0	0	.55	46.68
433C	FAIR OAKS DEBRIS BASIN	0	19.95	8.39	.92	1.94	.66	.04	.60	0	0	0	1.06	33.56
434	MALIBU - DIVISION HDQRS.	0	15.03	8.51	1.71	.81	.06	0	0	0	0	0	.05	26.17
435	MONTE NIDO	0	15.44	7.71	1.75	1.72	.05	0	.11	0	.10	0	.17	27.05
436C	HANSEN DAM	0	12.63	4.53	1.00	1.20	.30	0	.06	0	0	0	.36	20.08
437	HAMILTON BOWL - LONG BEACH	0	5.93	3.05	1.09	1.41	.50	.01	.02	0	0	0	.04	12.05
440C	CHILAO - UNITED STATES FOREST SERVICE CAMP	0	19.08	8.18	.85	1.93	.69	.03*	0	.08	0	0	.49	31.33**
441D-E	PALMDALE - COUNTY ROAD MAINTENANCE YARD	0	5.49	2.19	.47	.77	.11	0	0	0	0	0	.63	9.66
442C	MESCAL CREEK	0	N.R.	N.R.	.31	.82	.52	0	0	0	.15	.30	.60	INC.
443B	LATIGO CANYON - BEACH RANCH	0	19.98	12.50	2.26	1.52	.06	0	.27	0	.02	.01	.09	36.71
444F-E	ROLLING HILLS - SOUTH COAST BOTANIC GARDENS	0	10.93	5.88	1.66	1.11	.36	0	.02	0	.01	0	.11	20.08
445B	LIVE OAK DAM	0	11.88	5.03	.85	1.92	.54	.06	.26	0	0	0	.11	20.67
446	ALISO CANYON - OAT MT.	0	18.98	6.56	1.12	1.97	.34	0	.60	0	T	0	.26	29.83
447C	CARBON CANYON	0	8.39	4.37	1.24	1.00	.07	0	.12	0	T	0	.07	15.26
449B	EATON WASH DAM	0	16.59	7.28	.84	1.53	.66	.03	.37	0	0	0	.47	27.77
451C-E	CASTAIC - WAYSIDE HONOR RANCHO	0	9.75	5.45	.73	1.41	.12	0	.06	0	0	0	.08	17.60
453C	DEVIL'S GATE DAM	0	17.47	7.74	.80	1.67	.58	T	.33	0	T	T	1.12	29.71
455B	LANCASTER - STATE HIGHWAY MAINTENANCE STATION	0	4.10	2.03	.52	.71	.15	0	0	0	0	0	.21	7.72
456	PIUTE BUTTE	0	3.54	1.79	.30	.87	.29	0	0	.07	.02	.16	.30	7.34
458	ZUMA CANYON PATROL STATION	0	9.14	3.85	1.46	1.19	.05	0	.13	0	.05	0	.05	15.92
460B	PLEASANT VIEW MESA - NEAL	0	4.73	4.57	.58	1.61	.51	0	0	0	.28	.26	.43	12.97
461	BALDWIN HILLS - STANDARD OIL FIELD OFFICE	0	8.34	3.31	1.37	1.54*	.26*	T	.56	0	0	0	.26	15.64*
462B	HILLCREST COUNTRY CLUB - LOS ANGELES	0	9.65	5.33	1.02	2.15	.27	0	.50	0	0	0	0	18.92
463B	MAR VISTA - SOUTHERN CALIFORNIA WATER CO.	0	7.96	3.63*	1.15	1.31	.23	0	.12	0	T	T	.13*	14.53**

TABLE VI (Continued)

SUMMARY OF MONTHLY RAINFALL IN INCHES

SEASON 1965-66

STA. NO.	STATION	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	SEAS. TOTAL
465C	SEPULVEDA DAM	0	12.90	6.99	1.23	.98	.27	0	.25	0	0	0	.05	22.67
466B	PACOIMA CANYON - DUTCH LOUIE CANYON	0	21.26	7.05	.83	2.30	.45	0	.32	0	0	0	.60	32.81
468	PICKENS DEBRIS BASIN	0	19.44	9.18	1.00	1.60	.62	.03	.65	0	0	0	.66	33.18
470	TUJUNGA - MILL CREEK	0	13.41	6.98	.72	1.92	.56	0	.03	0	0	0	.87	24.49
471	LITTLE TUJUNGA - GOLD CREEK	0	16.46	4.86*	.89*	1.75*	.42*	0	.10	0	0	0	.80	25.28*
474B	SOUTH GATE - FIRE DEPARTMENT	0	8.32	5.86	.97	1.27	.51	0	.07	0	0	0	.14	17.14
475	SAUGUS - NEWHALL LAND & FARMING COMPANY	0	11.80	5.38*	.86*	1.18	.24	0	0	0	0	0	.18	19.64**
476F	TRIUNFO CANYON	0	17.20	11.51	1.86	.94	.07	0	.34	0	0	0	.13	32.05
477D	SANTA ANITA - SPRING CAMP	0	36.60	13.21	.69	2.53	.70	.24	.52	0	0	0	.61	55.10
478	VALYERMO - U.S.F.S. HEADQUARTERS	0	5.95	5.48	.55	1.90	.72	0	0	0	.94	.14	.22	15.90
480B	TEMPLE CITY - FIRE STATION	0	11.80	4.66	.80	1.09	.71	T	.16	0	0	0	.56	19.78
482	LOS ANGELES U.S.C.	0	7.78	5.86	1.24	1.53	.38	0	.27	0	T	0	.44*	17.50**
486B	COLDWATER CANYON - WIGMAN RANCH	0	21.71	10.22	.96	2.84	.91	.14	.56	T	T	0	.31	37.65
489B	KAGEL CANYON PATROL STATION	0	10.75	3.92	.89	1.29	.29	0	.13	0	T	0	.52	17.79
489	COLD CREEK - STUNT'S RANCH	0	16.26	9.42	2.48	1.20	.02	0	.95	T	.07	T	.16	30.56
490C	LANCASTER - PABLO RANCH	0	3.84	1.52	.39	.80	.40	0	0	.07*	.02*	.16*	.21	7.41**
491B	PACIFIC PALISADES	0	10.51	4.62	1.12	1.74	.16	0	.14	0	.04	0	.15	18.48
492B	CHILAO - STATE HIGHWAY MAINTENANCE STATION	0	24.03	11.04	.67	2.03	.86	T	.18	0	0	0	.46*	39.27**
497	CLAREMONT - SLAUGHTER	0	10.76	4.13	.87	2.00	.45	.13	.15	0	0	0	.06	18.55
498	ANGELES CREST HIGHWAY - DARK CANYON TRAIL	0	23.40	8.14	1.10	1.98	.82	0	.65	0	0	0	.74	36.83
508D	ARROYO SECO - RANGER STATION	0	19.15	8.17	.90	1.77	.74	.03	.56	0	0	0	1.13	32.45
517B	ANDERSEN RANCH (LEWIS RANCH)	0	10.58	7.11	.48	2.31	.81	0	0	0	.14	0	.16	21.59
542-E	FAIRMONT	0	13.66	6.43	1.21	.90	.20	T	T	0	T	0	.28	22.68
560B	LA VERNE HEIGHTS	0	11.14	4.71	.89	2.13	.49	0	.20	0	0	0	.07	19.63
564C	LLANO	0	3.05	2.30	.42	.87	.25	0	0	0	.24	.14*	.18	7.45**
565B	LONG BEACH - CITY AUTOMATIC	0	6.85	4.14	1.05	1.33	.50	0	.15*	0	0	0	.05*	14.07**
566	LONG BEACH NO. 1	0	7.20	3.32	1.21	1.44	.57	0	.08	0	0	0	.01*	13.83**
575C	LONG BEACH - WEATHER BUREAU	0	7.69	4.04	1.07	1.55	.51	T	.02	T	T	0	.07	14.95
587B	SAN ANTONIO CANYON POWER HOUSE NO. 1	0	16.65	7.74	1.04	3.49	.80	.13	.12	0	0	0	.23	30.21
588D	MOUNT LOWE	0	33.05	10.85	1.20	3.08	1.42	.20	.67	0	0	0	.53	51.00
593B	NEWHALL RANCH	0	12.41	7.03	1.46	2.32	.06	0	.07	0	0	0	.07	23.42
610B	PASADENA - CITY HALL	0	13.74	6.75	.92	1.42	.65	.03	.25	0	0	0	.42	24.18
611C	ALTADENA GOLF COURSE	0	18.46	8.39	.96	1.80	.70	.05	.59	0	0	0	.56	31.51
612	PASADENA - CHLORINE PLANT	0	18.01	7.57	.87	1.75	.70	.05	.46	0	0	0	1.10	30.51
613B	PASADENA - HURLBUT FIRE STATION	0	12.99	6.52	.92	1.43	.76	0	.16	0	0	0	.40	23.18
617B	POMONA - ADAMSON	0	8.88	4.19	1.17	1.65	.34	T	.04	0	T	0	.04	16.31
619	SAN ANTONIO CANYON - SIERRA POWER HOUSE	0	27.40	13.14**	1.35*	4.00*	1.21	.09	.21	0	0	0	.17	47.57*
627	SAN GABRIEL CANYON - POWER HOUSE	0	15.03	6.07	1.01	2.09	.81	.06	.37	.02	0	0	.25	25.71
634C	SANTA MONICA	0	9.36	4.14	1.06	1.36	.18	0	T	0	.01	T	.12	16.23
647H	TUJUNGA	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	T	.26	INC.
662C	LONG BEACH - CERRITOS AVENUE	0	7.50	4.24	1.09	1.64	.50	0	.10*	0	0	0	.02*	15.09**
666C	LONG BEACH - NEECE STREET	0	8.40	5.36	1.23	1.22	.48	0	.06	0	0	0	.01	16.76
672	EAGLE ROCK S.C.E. CO. SUBSTATION	0	14.33	7.62	.87	1.36	.60	0	.21	0	0	0	.88	25.87
673C	SEAL BEACH - POWER PLANT	0	5.93	3.14	.85	1.14	.25	0	.04	0	0	0	.03	11.38
678	PASADENA - SHELDON RESERVOIR	0	12.03	6.71	.86	1.69	.61	.01	.29	0	0	0	.90	23.10
679	PUENTE - NORTH WHITTIER HEIGHTS	0	10.72	5.84	.76	1.68	.88	0	0	0	0	0	.26	20.18
680B	WESTWOOD - U.C.L.A.	0	11.30	4.82	1.04	1.68	.27	T	.65	0	.02	T	.24	20.02
681A	SIERRA MADRE RANGER STATION	0	17.84	7.97	1.00	1.94	.60	.02	.57	.13	.02	0	.75	30.84
683	SUNSET RIDGE GUARD STATION	0	21.75	9.47	.66	1.82	.76	0	.40	0	0	0	1.18	36.04
695B	TUJUNGA CANYON - VOGEL FLAT	0	24.13	12.41	1.02	1.88	.62	0	.05*	0	0	0	.61**	40.72**
703	GLENDALE - MCINTYRE	0	13.71	6.81	.85	1.19	.55	0	.23	0	0	0	.44	23.78
705	ALDER CREEK - PARADISE RANCH	0	15.74	5.25	.89	1.75	.42	0	.09	0	T	0	.66	24.80
716	LOS ANGELES - DUCOMMUN STREET	0	9.69	5.74	.96	1.51	.51	0	.22	0	T	T	.29	18.92
718B	THOUSAND OAKS	0	12.59	7.52	1.57	.91	.06	.01	.01	0	T	0	.05	22.72
720B	SIMI VALLEY - SUSANA KNOLLS	0	14.88	7.62	1.43	1.17	.09	0	.33	0	0	0	.12	25.64
722C	BELLEVIEW - STRATMAN	0	7.90	3.11	.74	.79	.22	0	0	0	0	0	.36	13.12
724B	BIG DALTON - MONROE CANYON	0	16.50	6.73	.96	3.37	.78	.07	.27	0	0	0	.15	28.83
725B	BIRMINGHAM HOSPITAL	0	11.74	6.52	1.13	.92	.25	0	.23	0	.10	0	.13	21.02
726B	ANGELES CREST GUARD STATION	0	22.67	8.68	1.10	2.10	.83	0	.57	0	C	0	.83	36.78
727B	NEWCOMB PASS	0	40.63	13.65*	.92	3.06	.81	.12	.60	0	0	0	.54	60.33**
728	PACOIMA CANYON - CITY ROAD GAGE	0	25.43*	7.60*	.91	1.66	.48	0	.32	0	0	0	.64	37.06*
730	MILLARD CANYON - DAWN MINE	0	27.21	9.97	.92	2.05	.65	0	.73	0	0	0	1.39	42.92
731	OAK GROVE HEADQUARTERS U.S.F.S. FLOOD CONTROL	0	15.76	7.78	.88	1.48	.61	0	.46*	0	0	0	.94	27.91**
732B	ROBERT'S CANYON - SAN GABRIEL WEST FORK DIVIDE	0	36.55	13.19	.62	2.53	1.15	.15	.47	0	.04	0	.25	54.96
734B	LOS ANGELES INTERNATIONAL AIRPORT	T	6.38	3.25	.84	1.40	.49	.01	.02	T	.01	T	.19	12.59
735F	RAFTER R RANCH	N.I.	N.I.	N.I.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	INC.	INC.	INC.
740B	SAN DIMAS CANYON - FERN NO. 2	0	INC.	12.88	1.11	3.20	1.44	.15	.44	0	0	0	.19	INC.
741	SAN DIMAS CANYON - UPPER EAST FORK	0	18.62	8.85	1.06	3.12	.82	.08	.36	0	0	0	.18	33.09
742C	SAN GABRIEL - FIRE DEPARTMENT	0	12.12	6.33	1.07	1.25	.62	0	.12	0	0	0	.53	22.04
745B	MAJAVE - 2 ESE	0	3.77	2.54	0	.78	.01	0	0	0	0	0	.40	7.50
747	SANDBERG - AIRWAYS STATION	0	9.80	3.90	.68	1.67	.07	0	T	0	T	T	.03	16.15
749B	BURBANK	T	10.63	6.84	1.32	.93	.42	.01	.14	T	N.R.	0	N.I.	INC.
750	PALMDALE - F.A.A. AIRPORT	T	4.89	1.74	.43	.82	.08	0	T	0	T	0	.33	8.29
755	GRIFFITH PARK - LITTLE CANYON	0	12.75	5.58	.92	1.23	.42	0	.31	0	0	0	.50	21.71
757	GRIFFITH PARK - FERN DELL	0	11.93	4.57	.83	1.17	.39	0	.20	0	0	0	.40*	19.49**
758	GRIFFITH PARK - LOWER SPRING CANYON	0	12.59	5.23	.83	1.18	.48	0	.25	0	0	0	.48	21.04
759B	NICHOLS DEBRIS BASIN	0	11.42	5.07	1.13	1.43	.35	0	.55	0	0	0	.17	20.12
760	STUDIO CITY - GOODLAND AVENUE	0	13.84	7.88	1.10	1.42	.32	0	.40	0	0	0	.16*	25.12**
762	UPPER STONE CANYON	0	15.00	7.13	1.21	1.55	.15	0	.60	0	0	0	.15	25.79
763B	SEPULVEDA CANYON - EAST FIRE ROAD NO. 19	0	19.17	10.21	1.26	1.72	.33	0	.78	0	0	0	.19	33.66
764	STONE CANYON - RIAL LANE	0	13.78	6.52	1.31*	1.67	.32	0	.70	0	0	0	.15*	24.45**
766	MANDEVILLE FIRE ROAD NO. 24	0	18.40	9.44	1.55	1.38	.20	0	.45	0	0	0	.19	31.61
767	MANDEVILLE CANYON ROAD	0	17.98	9.25	1.60	1.91	.26	0	.58	0	0	0	.51	32.09
768	SULLIVAN CANYON - FIRE ROAD NO. 26	0	22.77	8.62	1.50	1.57	.18	0	.46	0	0	0	.11	35.21
770B	SANTA YNEZ CANYON - PASEO MIRAMAR	0	8.59	3.26	.83	1.32	.15	0	.10	0	0	0	.15	14.40
771	RUSTIC CANYON - SANTA MONICA	0	12.03	4.78	1.04	1.43	.28	0	.05	0	0	0	.18*	19.79**
772	LOS ANGELES - ECHO PARK AND LUCRETIA	0	11.08	5.37	.98	1.35	.52	0	.30	0	0	0	.66	20.26
774	BARLOW SANITARIUM	0	10.07	5.02	.82	1.32	.53	0	.23	0	0	0	.66	18.65
777	KENTER CANYON	0	11.36	4.61	1.05	1.67	.28*	0	.19	0	0	0	.20	19.36**
778B	SEPULVEDA CANYON - BELLAGIO ROAD	0	12.28*	5.55	2.61	1.93	.28*	0	.65*	0	0	0	.14	23.44*
779	GRIFFITH PARK - LOWER MINERAL WELLS	0	14.57	7.10	.90	1.13	.51	0	.30	0	0	0	.36	24.89
783	COON CANYON	0	18.10	6.42*	.93	1.30	.70	0	.35	0	0	0	1.04	28.85*
786	COON CANYON	0	17.81	6.39	.62	1.80	.72	0	.60	0	0	0	1.08	29.02
788	COON CANYON	0	19.59	7.80	.71	1.84	.65	0	.57	0	0	0	1.12	32.28
789	EL PRIETO CANYON	0	20.73	7.89	.75	1.79	.84	0	.57	0	0	0	1.33	33.90
793	MARKHAM SADDLE	0	37.40	11.49	.98*	2.45	1.12	.11	.38*	0	0	0	1.28*	55.21**
794-E	LOWER FRANKLIN RESERVOIR	0	11.29	4.69	1.12	1.59	.30	0	.57	0	.01	0	.22	19.79
795	PASADENA - JOURDAN	0	14.75	6.44	.73	1.45	.66	.02	.27	0	0	0	.42	24.75
796	ELYSIAN PARK - FIRE DEPARTMENT	0	9.14	4.04	.70	.95	.37	0	.30	0	0	0	.61	16.11
797	DE SOTO RESERVOIR	0	13.58	4.31	1.21	1.52	.22	0	.29	0	T	0	.19	21.32
799	BALDWIN HILLS RESERVOIR	0	8.44*	3.74*	.95	1.59	.31	0	.25	0	0	0	.36	15.64*
801B	MAGIC MOUNTAIN	INC.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	INC.
802B-E	EAGLE ROCK RESERVOIR	0	13.57	6.73	.94	1.32	.62	T	.20	0	T	0	.88	24.26
807	ASCOT RESERVOIR	0	10.53	6.29	.96	1.31	.57	0	.26	T	T	0	.30	20.22
1000	HUNT CANYON - BONES RANCH	0	5.55	3.30	.50	.88	T	0	0	0	0	0	.66	10.89
1001B	WEST FORK RANGER STATION	0	39.98	15.34	.99	3.02**	.78*	0	.52	.25	1.13	0	.79	62.80**
1005B	MINT CANYON FIRE STATION	0	10.70	2.89	.75	1.69	.27	0	0	0	0	0	.22	16.52
1006	SAN PEDRO - CITY RESERVOIR	0	8.27	3.59	1.45	1.28	.53	T	.03	0	0	0	.02	15.17
1007C	CAMP VALCREST	0	25.71*	8.79	.91	2.87	.82	0	.08	0	.04	0	.38	39.60*
1008-E	LA FRESA - S.C.E. CO.	0	7.16	3.85	1.67	1.21	.58	0	.11	0	0	0	.08	14.66
1009	MINT CANYON - DYER	0	11.39	4.13	.88	1.31	.20*	.11	0	0	0	T	.06	18.08**
1010B	PALMER CANYON - FORKS	0	14.70	7.30	1.35	2.92	.66	0	.22	0	0	0	.14*	27.29**
1011B	PALOS VERDES FIRE STATION	0	8.62	4.01	1.04	1.39	.49	0	.18	0	0	0	.05	14.39
1012	CASTAIC JUNCTION	0	9.02	4.07	.90	1.42	.24	0	.05	0	0	0	.13	15.83
1013B	TUJUNGA CANYON ABOVE GOLD CANYON	0	14.74	6.34	1.01	1.35	.44	0	.10	0	0	0	.60	24.58

TABLE VI (Continued)

SUMMARY OF MONTHLY RAINFALL IN INCHES

SEASON 1965-66

STA. NO.		OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	SEAS. TOTAL
1014D-E	RIO HONDO SPREADING GROUNDS	0	8.59	4.91	1.07	1.30	.42	0	.09	0	0	0	.37	16.75
1016B	PALO COMADO CANYON - AGOURA	0	13.65	7.47	1.28	.88	.13	0	0	0	.08	0	.04	23.53
1017B	LITTLE ROCK CREEK ABOVE DAM	0	5.08	4.18	.51	1.14	.33	0	0	0	0	0	.24	11.48
1018B	SANTA SUSANA MTS. - DEVIL'S CANYON	0	17.93	7.06	1.06	1.85	.25	0	.85	0	0	0	.24	29.24
1019	SANTA SUSANA MTS. - SALT CANYON	0	17.51	6.90	1.04	1.81	.24	0	.58	0	0	0	.17	28.25
1020B	PADUA HILLS PATROL STATION	0	12.93	5.63	1.56	2.49	.55	.12	.17*	0	0	0	.14	23.59**
1022	HASLEY CANYON - WESTERN GULF OIL	0	13.37	5.50	.96	1.78	.04	0	.24	0	0	0	.12*	22.01**
1023B	GARRAPATA CANYON - SPEER	0	17.67	8.36	1.44	1.33	.13	0	.11	0	T	0	.10	29.14
1025	MALIBU BEACH - DUNNE	0	9.31	3.70	1.32	1.18	.03	0	.10	0	0	0	.04	15.68
1029	TUJUNGA - MILL CREEK SUMMIT	0	14.11	6.91	.85	2.00	.27	0	.03*	0	T	0	.90	25.07**
1030	MT. ISLIP - LITTLE JIMMY SPRING	0	37.67	14.95	1.09	4.81	1.06	0	.26	0	0	0	.92	60.77
1031B	MT. WATERMAN	0	19.61	7.22	.68	3.03	.67	0	.26	0	.04	0	.35	31.86
1035	WHITTIER - WOOD	0	8.92	4.48	.88	1.55	.73	.01	.09	.09	0	0	.15	16.90
1037-E	ARCADIA - ARBORETUM	0	14.39	6.78	.74	1.52	.81	T	.18	0	T	0	.46	24.88
1038B	MT. PACIFICO	0	14.56	7.24	.57	2.33	.67	.03	0	0	.03	0	1.04	26.57
1039B	LOS ANGELES - MAC QUEEN	0	10.22**	5.81	1.00	1.89	.36	0	0	0	0	0	.14	19.42**
1040	POTRERO CANYON - SUNRAY DX OIL CO.	0	11.16	5.56	1.11	1.32	.17	0	0	0	0	0	.14	19.46
1041B	SANTA FE DAM	0	11.30	5.22	.87	1.28	.78	0	.15	0	0	0	.20	19.80
1046B	SANTA ANITA CANYON - CHANTRY FLAT	0	23.97	9.34	1.21	2.75	.78	.16	.71	0	0	0	.57	39.50
1048B	LA CRESCENTA - COUNTY ROAD DEPARTMENT	0	18.59	8.94	.82	1.35	.65	T	.49	0	0	0	.45	31.29
1050	OLD TOPANGA CANYON - GRAY	0	22.56	11.74	1.32	1.45	.12	0	.16	0	.10	0	.25	37.70
1051B	CANOGA PARK - PIERCE COLLEGE	0	12.60	6.14	1.24	1.36	.21	0	.20	0	.01	0	.28	22.04
1052	CAMP JOSEPHO	0	16.53	8.01	1.41	2.21	.19	0	.28	0	.05	0	.28	28.96
1053B	BIG TUJUNGA CANYON SPREADING GROUNDS	0	13.93	5.68	1.15	1.27	.40	0	.10	0	T	0	.45	22.98
1054	VETERAN'S HOSPITAL - SAN FERNANDO	0	15.34*	4.23	1.01	1.53	.38	0	.31	0	0	0	.57	23.37*
1055B	MT. BALDY NOTCH	0	27.00	19.65	1.20	4.75	1.14	T	0	0	0	0	T	53.74
1057B	WHITTIER NARROWS - ABOVE DAM	0	9.41	4.65	.80	1.46	.65	T	.01	0	T	0	.09	17.07
1058B	PALMDALE	0	5.68	2.12	.35	.88	.12	0	0	0	0	0	.40	9.55
1059B	SOUTH HAWKINS	0	34.17	14.86	1.15	3.00	.88	.05	.43	0	0	0	.76	55.30
1060B	LITTLE ROCK - SYCAMORE CAMP	0	8.53	5.08	.64	1.88	.59	0	0	0	0	0	.21	16.93
1062	BUCKHORN FLAT	0	31.22	9.95	.74	3.28	.75	0	0	0	.05	.27	.61*	46.87**
1063	SOLEDAD PASS	0	5.61	3.60	.63	1.20	.36	0	0	0	T	0	.61	12.01
1064B	SAN GABRIEL EAST FORK - DOT MINE	0	19.90	9.07	.72	2.62	.90	0	.24	0	0	0	.08*	33.53**
1065B	LONG BEACH - LEES STREET	0	7.17	2.88	.97	1.34	.46*	0	.08*	0	0	0	0	12.90**
1067	SANTIAGO CANYON	0	6.22	5.08	.55	1.22	.35	0	0	0	0	0	.26	13.68
1068	RATTLESNAKE CANYON - CAMP #3	0	15.11	8.15	1.91	.61	.05	0	.36*	0	0	0	1.72	27.91**
1069	SAN GABRIEL - EAST FORK TUNNEL	0	20.05	9.15	.73	2.64	.91	0	.24	0	0	0	.08	33.81
1070	MANHATTAN BEACH	0	6.78	3.43	1.27	1.26	.46	0	0	0	.01	0	.10	13.31
1071B-E	DESCANSO GARDENS	0	17.74	7.30	.92	1.36	.68	.01	.39	0	0	0	.62	29.02
1072	LITTLE TUJUNGA RANGER STATION	0	11.13	3.61	.85	1.26	.33	0	.17	0	0	0	.62	17.97
1073B	PALMDALE - CIRCLE C	0	4.86	2.69	.47	.71	.12	0	0	0	T	0	.86	9.71
1074	LITTLE GLEASON	0	22.16	9.91	.75	2.12	.54	0	0	0	0	0	.89	36.37
1075	UPPER WOLFSKILL CANYON	0	18.51	8.91	1.08	3.44*	.85	.16	.48	0	0	0	.13	33.56*
1076	HIDDEN SPRINGS	0	20.48	10.66	.75	1.66	.60	0	0	0	0	0	.87	35.02
1077B	MONROVIA - FIVE POINTS	0	16.93	6.99	1.17	1.78	.67	.15	.56	.02	0	0	.88	29.15
1078	COVINA - GRIFFITH	0	9.17	4.69	1.18	1.47**	.34	0	.09	0	0	0	.03	16.97**
1079	RUBIO DEBRIS BASIN	0	20.37	8.13	.82	1.81	.69	.05	.65	0	0	0	.76	33.28
1080B	BRADBURY DEBRIS BASIN	0	14.61	6.61	1.11	1.49	.81	.05	.38	0	0	0	.70	25.76
1081	DEER DEBRIS BASIN	0	16.94	6.90	.98	1.28	.73	0	.33	0	0	0	.63	27.79
1082	DUNSMUIR DEBRIS BASIN	0	19.98	8.29	1.10	1.61	.68	T	.79	0	0	0	.58	33.03
1083	MADDOCK DEBRIS BASIN	0	14.58	6.73	1.03	1.73	.83	.05	.36	0	0	0	.46	25.78
1085	MC CLURE DEBRIS BASIN	0	10.54	6.29	1.16	.84	.47	0	.20	0	0	0	.49	19.99
1086	TURNBULL DEBRIS BASIN	0	5.92	4.42	.74	1.44	.43	.08	.05	0	0	0	.17	13.25
1087-E	GREEN VERDUGO PUMP PLANT	0	11.53	4.79	1.20	1.04	.55	0	.16	0	0	0	.61	19.88
1088B	LA HABRA HEIGHTS MUTUAL WATER CO.	0	7.75	4.71	1.05	1.67	.80	0	0	0	0	0	.15	16.13
1089D	TOPANGA CANYON OUTLET	0	8.63	5.16	1.16	1.20	.16	0	.18	0	.04	0	0	16.53
1090	LOS ALAMITOS	0	6.27	3.13	1.13	1.42	.40	0	.17	0	0	0	0	12.52
1092B	BUENA PARK	0	6.45	3.50	.90	1.30	.30	0	0	T	0	0	T	12.45
1093-E	FULLERTON AIRPORT	0	6.78	3.73	.99	1.29	.29	0	T	0	0	0	.02	13.10
1094	BREA	0	6.95	3.69	.94	1.28	.35	.01	.02	0	0	0	.10	13.34
1095	ORANGE COUNTY RESERVOIR	0	7.23	3.31	1.00	1.54	.32	.02	0	0	0	0	.14	13.56
1099	WHITTIER - CATE	0	9.45	4.56	.80	1.54	.56	0	.05	0	0	0	.15	17.11
1102B	BOBCAT CANYON - SAN GABRIEL WEST FORK	0	20.93	9.61	.58	1.77	.75	0	.15	0	0	0	.40	34.20
1104	BOUQUET CN. AT TEXAS CN. - FIRE CONTROL STA.	0	11.17	4.67	.80	1.40	.37	0	0	0	0	0	.30	18.71
1105B	FAIRMONT	0	9.92	3.45*	.87	.68	.07	0	0	0	0	0	.30	15.29*
1106	ANTELOPE VALLEY FIELD STATION	0	7.61	4.70	.75	.75	.13	0	0	0	T	0	.19	14.13
1107D	LA TUNA CANYON	0	11.53	6.14	1.07	.97	.45	0	.20	0	0	0	.29	20.65
1108B	LEONA VALLEY	0	8.72	3.38	.60	1.07	.20	0	0	0	0	0	.17	14.14
1109	MT. BALDY	0	28.82	21.01	1.28	5.08	1.22	0	0	0	0	0	0	57.41
1110	SCHOLL DEBRIS BASIN	0	13.07	6.31	.82	1.20	.65	0	.21	0	0	0	.69	22.89
1111C	DEVIL'S PUNCHBOWL	0	13.62	8.90	.55	1.81	.82	0	0	0	.05	.29	.37	26.41
1113	DOMINGUEZ WATER CO.	0	7.48	4.06	1.46	1.05	.59	0	.11*	0	0	0	.08*	14.83**
1114B	WHITTIER NARROWS DAM	0	10.14	5.44	1.09	1.33	.51	0	.08	0	0	0	.36	18.95
1115	SAN ANTONIO DAM	0	14.47*	6.27	.81	2.81	.61	.10	.12	0	0	0	.06	25.25*
1116	LONG BEACH - SAN ANSELINE	0	6.56	3.81	1.18	1.41	.41	0	.02	0	0	0	0	13.39
1117	PINE CANYON GUARD STATION	0	16.72	8.63	1.20	1.44	.02	0	0	0	0	0	.34	28.35
1118B	LAKEWOOD	0	INC.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	INC.
1119B	ATMORE MEADOW	0	17.80	7.04	1.10	1.37	.10	T	.47	0	0	0	.23*	28.11**
1120	DAWSON SADDLE	0	20.57	8.44	.58	1.99	.61	0	0	0	.14	0	.44	32.77
1121C	BARLEY FLAT	0	26.44	10.67	2.00	3.07	.66	T	.07	0	T	0	1.11	44.02
1122	COOKS DEBRIS BASIN	0	14.22	6.30	.91	1.42	.53	0	.77	0	0	0	.53	24.68
1124B	RED BOX GAP	0	35.38	11.92*	.98	2.22	.77	0	.42	0	0	0	.63	52.32*
1125	LA PUENTE	0	8.77	5.50	.78	1.53	.87	T	0	0	0	0	.28	17.73
1126	LOS ANGELES WATER DEPARTMENT - EAST VALLEY	0	10.94	5.55	1.42	.93	.35	0	.24	0	T	0	.52	19.95
1127	WEST BURBANK	0	12.04	7.22	1.20	.99	.53	0	.16	0	0	0	.43	22.57
1128	WRIGHTWOOD FIRE STATION	0	16.27	10.43	.81	2.31	1.02	0	0	0	T	.25	.15	31.24
1129	NICHOLAS CANYON	0	9.72	3.32	1.77	1.14	.05	0	.07	0	0	0	.08	16.15
1132	OAK FLAT GUARD STATION	0	18.84	7.24	1.29	1.30	.09	0	.21	0	0	0	.72	29.69
1133	FISH CANYON	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.
1135B	LUNADA BAY	0	6.35	4.17	1.01	1.04	.36	0	.16	0	T	0	.10	13.19
1137B	STOUGH PARK	0	10.31	5.48	1.39	.99	.66	0	.21	T	T	T	.44	19.48
1138	MT. DISAPPOINTMENT	0	37.00*	10.92**	.98	2.37	1.06	.11	.46	0	0	0	1.41	54.31*
1139B	PALOS VERDES HILLS - HIGH RIDGE	0	10.51	5.02	1.15	1.70	.40	0	.10	0	0	0	.09	18.97
1140	ROSEMEAD	0	11.79	5.59	1.13	1.22	.88	.01	.13	0	0	0	.42	21.17
1141B	SPRING CANYON	0	7.79	2.64	.67	1.29	.18	0	0	0	0	0	.25	12.82
1142	SOLEDAD CANYON - BERMITE POWDER CO.	0	12.50	7.16	.91	1.42	.24*	0	0	0	0	0	.12	22.35**
1144	SAN GABRIEL - NORTH FORK	0	25.44	12.75	.82	2.28	.72	0	.41	0	0	0	.21	42.63
1145	UPLAND	0	10.46	4.63	.98	2.43	.90	.11	.10	0	0	0	.02	19.63
1146	SANTA ANITA CANYON - HELIPORT	0	27.08	10.86	1.23	2.83	.64	.06	.58	0	0	0	.54	43.82
1147	EL CABALLERO COUNTRY CLUB	0	15.29	6.82	1.45	1.16	.20	0	.27	0	.05	0	.04	25.28
1148B	SAN JOSE HILLS	0	8.79	4.70	.85	1.46	.44	0	.08	0	0	0	.08	16.40
1149	SUNLAND	0	13.21	6.58	1.15	1.11	.37	0	.17	0	0	0	.25*	22.85**
1150	LOPEZ CANYON GUARD STATION	0	15.74	4.52	.92	1.36	.29*	0	.34	0	0	0	.47*	23.64**
1151	BRIGDEN RESERVOIR NO. 1	0	16.93	7.51	.89	1.63	.61	.04	.40	0	0	0	.43	28.50
1152	CLEAR CREEK RANGER STATION	0	26.71	11.11	.80	1.13	.58*	0	0	0	0	0	.13	40.46**
1155	LAWNDALE	0	7.05	4.52	1.33	1.10	.50	0	.12	0	0	0	.26	14.88
1157	SAN FERNANDO STATE COLLEGE	0	10.47*	3.82**	.99	1.47	.30	0	.23**	0	.03*	0	.37	17.68*
1158	TORRANCE MUNICIPAL AIRPORT	0	9.34	5.58	1.39	1.05	.39	0	.03	T	T	T	.11	17.89
1159	SHORTCUT CANYON - WEST FORK	0	INC.	11.84	.83	2.63	.79	0	.26	0	0	0	.69	INC.
1160	SAN GABRIEL CANYON WEST FORK - HELIPORT	0	INC.	INC.	.75	2.42	.65	0	INC.	0	0	0	.40	INC.
1161	LA CRESCENTA - GREGG	T	18.67	7.91	.89	1.72	.73	T	.72	T	T	T	.82	31.46
1162	IRON MOUNTAIN	0	25.20	10.53	.86	1.87	.61	0	.05	0	0	0	.75	39.87
1163	BEAR CANYON - CRYSTAL LAKE ROAD	0	26.33	11.45	2.22	6.06	1.48	.08	.76	0	0	0	1.37	49.75
1164	WALTERIA LAKE PUMPING STATION	0	6.91	3.85	1.10	.89	.33	0	0	0	0	0	.02	13.10
1165	GARAPITO CREEK	0	15.66	7.97	1.35	1.20	.13	0	.20	0	0	0	.08	26.59

TABLE VI (Continued)

SUMMARY OF MONTHLY RAINFALL IN INCHES

SEASON 1965-66

STA. NO.	STA.	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	SEAS. TOTAL
1166	MILE HIGH	0	11.40	7.27	.53	1.68	.67	0	0	0	0	.15	.50	22.30
1167	FENNER CANYON	0	18.54	9.55	.60	1.76	.75*	T	0	0	0	0	.75	31.95**
1168B	REYNOLDS RANCH - MAXY RANCH	0	7.94	2.55	.96	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	INC.
1169	LAKE PIRU	0	15.79	6.08	1.33	1.66	.06	0	.06	0	0	0	.15	25.10
1170	WATER WORKS DISTRICT NO. 6	0	12.61	7.57	1.60	.98	.08	0	.02	0	0	0	.02	22.88
1171	CAMULOS RANCH	0	12.64	6.65	1.50	1.42	0	0	.04	0	0	0	.07	22.32
1172	PIRU CANYON ABOVE PIRU LAKE	0	15.86	6.27	1.37	1.22	.03	0	.04	0	0	0	.08	24.87
1173	TAPO CANYON	0	11.67	7.45	1.22	1.35	.29	0	0	0	0	0	.05	22.03
1174	CASTRO PEAK	0	17.06	8.62	2.53	1.62	.05	0	0	0	T	0	.05	29.93
1175	DOUGLAS WHITE OAKS PARK	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	0	0	N.R.	INC.
1176	OAK RIDGE SUMMIT	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	0	0	.15	INC.
1177	BARD RESERVOIR	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	0	0	.08	INC.
1178	LOWER HUNGRY VALLEY	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	0	0	.18	INC.
1179	BUCK CREEK GUARD STATION	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	0	0	.20	INC.
X15B	HI VISTA	0	3.07	2.21	.20	.68	.15	0	0	0	0	.04	.34	6.69
X19	COOKS CANYON	0	17.78	7.92	.92	1.54	.52	0	.50*	0	0	0	.46	29.64**
X21B	DUNSMORE CANYON - UPPER	0	20.57	11.14	.78	1.93	.59	0	.50*	0	0	0	.68	36.19**
X22	ISLIP SADDLE	0	24.10	9.72	.67	2.29	.70	0	0	0	.19	0	.63	38.30
X23	DORR CANYON	0	12.93	6.71	.97	2.23	1.08	0	0	0	.12	.09	.53	24.66
X24	GRASSY HOLLOW	0	17.54	9.14	.91	2.44	1.02	0	0	0	0	0	.20	31.25
X25	BEAR GULCH	0	16.31	9.23	1.16	3.11	1.31	0	0	0	.14	.11	.62	33.99
X26	BLUE RIDGE	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.	INC.
X27	GUFFY'S CAMP	0	19.25	11.90	1.09	2.91	1.22	0	0	0	.08	.06	.36	36.87
X28B	HOLIDAY HILL	0	12.35	7.40	.98	2.62	1.10	0	0	0	0	0	.22	24.67
X29	PINE MT.	0	INC.	17.36	1.12	N.R.	1.28	.16	.52*	0	.04	0	.27*	INC.
X33	EAGLE DEBRIS BASIN	0	19.48	8.61	.81	1.51	.58	0	.61	0	0	0	.54	32.14
X35	VERDUGO MTS. - HILLCREST CANYON	0	14.70	6.78	.91	1.00	.60	0	.30	0	0	0	.37	24.66
X36	VERDUGO MTS. - HENDERSON CANYON	0	21.17*	7.74	.77	1.00	.64	0	.87	0	0	0	.56	32.75*
X37	SOLEDAD CANYON - HONBY	N.I.	N.I.	N.I.	N.I.	1.28	.20	0	0	0	0	0	.10	INC.

LEGEND

* ESTIMATE > 10% OF TOTAL
** ESTIMATE < 10% OF TOTAL
INC. INCOMPLETE RECORD
N.I. NOT INSTALLED
N.R. NO RECORD

TABLE VII

SUMMARY OF MONTHLY RAINFALL IN INCHES

SEASON 1966-67

STA. NO.	STATION	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	SEAS. TOTAL
2B	ESCONDIDO CANYON	0	3.53	8.56	6.98	0	4.02	2.87	0	0	0	0	.51	26.41
3C	SEMINOLE HOT SPRINGS	NR	NR	8.58	NR	NR	NR	NR	NR	NR	NR	NR	NR	INC
4C	MALIBU LAKESIDE	0	8.45*	6.10*	6.55*	.20	3.58	6.34	.04	0	0	0	.42	31.68*
5B	CALABASAS	0	4.80	3.79	4.20	.39	2.74	3.95	.10	0	0	0	.32	20.29
6	TOPANGA CANYON PATROL STATION	0	5.21	10.19	12.62	.18	4.40	5.67	T	0	0	0	.36	38.63
9B	LINDOMAR NURSERY - SEPULVEDA & RAYEN	0	3.05	3.85	4.21	.19	2.87	3.68	.09	0	0	0	.84	18.78
10B	BEL AIR HOTEL	0	3.47	7.01	5.85	.10*	3.51	3.83	0	0	0	0	.75	24.52**
11C	UPPER FRANKLIN CANYON RESERVOIR	.05	5.05	5.79	6.65	.06	3.81	5.14	.01	0	0	0	.25	26.81
12	FRANKLIN CANYON - MULHOLLAND HIGHWAY	.04	5.33	5.63	6.57	.14	3.06	6.95	0	0	0	0	.22	27.94
13B	NORTH HOLLYWOOD - BLIX	.02	5.23	3.54	5.86	.08	3.68	5.28	.01	0	0	0	.25	24.05
14C	ROSCOE - MERRILL	.06	4.33	3.71	3.19	.14	2.83	5.15	.06	.05	T	0	.70	20.22
15B	VAN NUYS	.01	3.91	3.35	3.78	.11	2.16	4.58	0	0	0	0	1.15	19.05
17	SEPULVEDA CANYON & MULHOLLAND HIGHWAY	0	5.78	3.20	7.94	.10	1.50	4.83	0	0	0	.64	.69	24.68
20B	GIRARD RESERVOIR	0	5.47	3.41	4.82	.30	2.88	4.43	.04	0	0	0	.17	21.52
21	BRANT RANCHO - GIRARD	0	2.65	2.13	3.06	.30*	2.38	3.45	.04*	0	0	0	.19	14.20**
23-E	CHATSWORTH RESERVOIR	.02	4.25	5.08	3.91	.24	2.09	2.91	.11	.01	0	0	.38	19.00
24D	CHATSWORTH	0	4.21**	4.59	4.59	.22	2.38	4.03	0	0	0	0	.35	20.37**
25C	NORTHRIDGE - LOS ANGELES DEPT. WATER AND POWER	0	4.85	3.96	3.17	.22	1.95	2.83	.12	0	T	0	.27	17.37
27B	PACOIMA - RADDATZ RANCH	0	4.03	4.10	3.91	.15	3.26*	4.36	.16	T	0	0	1.15	21.12
28F	SAN FERNANDO	0	4.14	4.92	3.68	.19	2.89	3.82	.21	0	0	0	.95	20.80
29D	GRANADA HILLS	.02	5.91	7.20	5.61	.23	2.67	4.17	.24	0	T	T	.50	26.55
30B	SYLMAR	.16	4.72	8.41	6.03	.26	3.35	4.67	.20	.15	0	0	1.02	28.97
31	ORCUTT RANCH	.10	7.26	11.48	8.00	.44	4.09	7.59	.54	0	0	T	.27	39.77
32C-E	NEWHALL - SOLEDAD DIVISION HEADQUARTERS	.09	6.44	5.07	5.76	.19	2.75	4.61	.16	0	0	T	.43	25.50
33A-E	PACOIMA DAM	.15	3.93	7.91	6.98	.17	4.89	5.73	.65	T	0	0	1.58	31.99
39B	SUNSET DAM	.04	3.75	4.85	4.76	.16	3.88	5.27	.26	.07	0	0	.35	23.39
42C	REDONDO BEACH - CITY HALL	0	1.58	4.34	2.34	.02	1.66	3.34	.07	0	0	0	.34	13.69
43D	PALOS VERDES ESTATES	.03	1.27	3.21	2.70	0	1.18	3.28	0	0	0	.03	.55	12.25
44A	POINT VICENTE LIGHTHOUSE	.05	1.12	2.75	2.35	.02	1.38	2.76	0	0	0	0	.68	11.11
46D-E	BIG TUJUNGA DAM	0	5.23	12.84	7.50	.28	7.46	9.86	.37	T	0	.02	.52	44.08
47D	CLEAR CREEK - CITY SCHOOL	0	5.28	17.85	8.78	.43	10.41	10.56	.83	.13	0	0	16	54.43
48B	OAK WILDE	0	2.46	9.25	4.70	.20	4.84	5.28	.59	T	0	0	.21	27.53
50B	LA CANADA - ARROYO SECO	.07	3.98	7.62	6.13	.20	4.49	5.65	.27	0	0	0	.11	28.52
51	FALLING SPRINGS	.14	5.33	15.44	7 74	.31	8.13	10.44	.87	.46	0	.33	.50	49.69
52D	WATERMAN GUARD STATION	.03	5.22	13.00	7.17	.27	8.66	9.47	0	0	0	0	1.03	45.05
53D	COLBY'S	.06	5.81	13.48	6.66	.44	7.19	9.17	.24	0	0	.01	.80	43.86
54C	LOOMIS RANCH - ALDER CREEK	0	3.67	7.86	2.45	.14	2.31	4.61	.20	0	0	.23	1.13	22.60
57B-E	OPID'S (CAMP HI HILL)	.12	7.36	20.10	10.45	.64	12.00	12.71	.73	.02	0	T	1.00	65.13
58	STURTEVANT CAMP	0	7.53	22.73	12.60	.34	11.14	8.66	1.31	.42	0	0	.48	65.21
60A	HOEGEE'S	0	5.44	24.62	10.69	.23	11.01	9.52	1.22	.46	0	0	.20	63.39
63C-E	SANTA ANITA DAM	.02	4.04	12.03	7.63	.15	4.76	6.38	1.22	.96	0	0	.19	37.38
66	SIERRA MADRE - PEGLAR RANCH	.02	3.41	7.93	7.43	.08	3.69	5.54	.36	.42	0	0	.14	29.02
67F	MONROVIA - NEWS POST	.05	3.96	8.36	9.09	0	3.86	5.22	.32	.25	0	0	.39	31.51
68C	SAWPIT DAM	.03	4.00	14.03	7.79	.15	4.90	6.27	1.36	.98	0	0	.17	39.68
70D	ROGER'S CANYON	.02	3.28	13.47	8.25	.08	4.04	6.03	.70	.45	0	0	.92	37.24
73	GLENDORA - ENGLEWILD RANCH	.04	3.09	12.58	7.80	.05	3.77	7.40	.72	.54	0	T	2.07	38.16
76B	SAN GABRIEL DAM CAMP	.03	3.88	17.03	8.90	.24	7.00	8.15	.52	.16	0	0	.22	46.13
78B	COLDBROOK RANGER STATION	0	5.05	16.23	7.86	.28	7.73	9.86	.74	.53	0	T	.28	48.56
80B	PRAIRIE FORK	.04	3.01	12.21	5.26	.34	6.65	8.25	.25	0	1.44	2.35	.96	40.76
81B	VINCENT GAP	0	4.16	21.46	5.35	.36*	7.12	11.58	.23*	0	1.53*	3.03	.70	56.05
82F	TABLE MOUNTAIN	0	2.48	10.03	3.92	.51	4.29	7.30	.25	0	1.82	2.02	.82	33.44
83B	BIG PINES RECREATION PARK	.04	3.20	12.99	5.59	.36	7.07	8.78	.27	0	1.53	2.50	1.02	43.35
85G	MT. BALDY GUARD STATION	.11	4.66	21.43	7.62	.13	8.29	11.80	.46	.22	0	.13	1.21	56.06
87C	SAN DIMAS GUARD STATION	.08*	2.76**	19.31	7.48	.05	4.35	6.36	.30	.28	0	0	.47	41.45**
89B-E	SAN DIMAS DAM	.08	2.47	16.74	6.86	.06	4.25	6.83	.59	.47	0	0	.47	38.82
90	ELDER RANCH	.14	2.57	15.09	6.64	.03	4.53	6.38	.56	.37	0	0	.33	36.66
91	INDIAN HILL - CLAREMONT	NR	NR	NR	6.15	0	3.28	5.66	.46	.37	0	0	.12	INC
92	CLAREMONT - POMONA COLLEGE	.07	2.31	9.49	5.22	0	2.77	4.93	.35	.27	0	0	.25	25.66
93B	CLAREMONT - FIRE STATION	.08	2.65	10.06	5.68	0	2.95	4.82	.43	.34	0	T	.19	27.20
95	SAN DIMAS - FIRE WARDEN	.09	2.54	8.54	5.68	T	2.86	5.34	.42	.26	0	0	.23	25.96
96C-E	PUDDINGSTONE DAM	.08	1.96	7.77	6.09	T	2.69	4.90	.28	.20	0	0	.19	24.16
99B	AZUSA - FOOTHILL RANCH	.05	2.88	9.18	7.00	.03	3.11	5.94	.53	.29	0	0	1.45	30.46
101D	WEST COVINA	.14*	2.39**	5.70*	6.50	0	2.50	4.70	.30	0	0	0	.32*	22.55*
102C	WALNUT - PATROL STATION	.16	2.66	6.33	6.04	.01	2.28	4.90	.29	0	0	0	T	.24	22.91
106C	WHITTIER CITY HALL	.06	2.01	5.15	4.73	.02	1.85	4.25	.15	T	0	0	.42	18.66
107C	DOWNEY - FIRE DEPARTMENT	0	3.49	4.22	4.00	T	1.82	3.66	.03	.09	0	0	.47	17.78
108D	EL MONTE FIRE STATION	.11	2.80	5.74	7.67	.09	3.15	4.82	.06	.03	0	0	.72	25.19
109D	WEST ARCADIA	.03	3.40	6.55	7.60	.06	3.07	4.95	.13	.19	0	0	.66	26.64
110B	ALHAMBRA	.05	4.12	6.22	7.64	.08	3.01	5.15	.09	.04	0	0	.30	26.70
111	SOUTH PASADENA - CITY HALL	.02	4.35	6.30	7.02	.12	2.90	4.72	.05	.05	0	0	.22	25.75
116D	INGLEWOOD - FIRE STATION	.03	2.27	5.07	3.70	.09	1.71	3.39	.04	T	0	0	.38	16.68
117F	COMPTON - FIRE STATION	0	2.49	4.18	4.91	.05	1.41	2.94	.06	.01	T	0	.61	16.66
118C	WILMINGTON	0	1.43	2.39	3.53	0	1.23	3.15	0	0	0	.05	.25	12.03
119F	SAWTELLE - SOLDIER'S HOME	0	3.34	6.17	5.03	.05	2.91	3.15*	T	0	0	T	.54	21.19
120	VINCENT PATROL STATION	.03	1.88	1.12	1.10	0	.76	2.19	.14	0	0	1.37	.52	9.11
122F	LEONIS VALLEY - RITTER RANCH	.09	3.43	4.23	4.07	.25	2.94	4.91	.27	.04	0	.04	1.25	21.52
124B-E	BOUQUET CANYON RESERVOIR	.01	3.37	5.17	5.39	.42	5.19	6.21	.21	.05	0	0	.14	26.16
125B	SAN FRANCISQUITO CANYON - POWER HOUSE NO. 1, SAUGUS	0	4.46	5.57	4.86	.42	4.57	5.37	.27	.13	0	0	.51	26.16
126B	VENICE - FIRE STATION	.03	2.05	4.83	3.05	.08	2.32	3.59	0	0	0	0	.50	16.45
127B	DRY CANYON RESERVOIR	.11	3.42	4.19	2.70	.47	1.69	3.35	.05	.04	0	0	.29	16.31
128B	ELIZABETH LAKE CANYON	0	7.65	6.70	8.25	.65	5.90	8.35	.13	T	T	T	.42	38.05
130B	SANDBERG - QUAIL LAKE PATROL STATION	.01	6.29	1.52	5.10	.28	2.56	7.01	.86	T	T	T	1.01	24.64
134B	SAN DIMAS - STEVENS	.13	2.49	10.75	6.09	T	3.05	5.59	.44	.36*	0	0	.76	29.66**
135	NORWALK	.03	1.81	4.56	4.73	0	1.78	3.58	.20	.08	0	0	.37	17.14
140C	SAWTELLE	0	3.10	7.35	5.00	.05	3.00	2.96	0	0	0	0	.66	22.12
143B	AZUSA CITY PARK	.05	2.70	7.61	5.13	.01	2.84	5.06	.44	.37	0	0	1.35	25.56
144	SIERRA MADRE DAM	.03	3.68	10.52	7.18	.08	4.56	6.22	.44	1.28	0	0	.24	34.23
155C	LITTLE ROCK CREEK	0	1.97	1.26	1.10	.01	.75	3.37	.12	0	T	.51	.78	9.87
156	LA MIRADA - STANDARD OIL COMPANY	0	1.54	4.40	4.29	.01	1.41	3.52	T	.02	0	T	.63	15.82
157B	EL SEGUNDO - STANDARD OIL COMPANY	.02	1.59	4.36	2.55	T	1.37	2.72	.04	0	0	0	.53	13.18
158	TANBARK FLATS	.06	2.92	18.28	7.53	.10	5.98	9.22	.69	.46	0	0	.37	45.61
167C	ARCADIA PUMPING PLANT NO. 1	.02*	3.28	8.27	7.68	.01	5.45	5.47	.40	.33	0	0	.04	30.95**
169	SIERRA MADRE PUMPING PLANT	.03	3.57	8.35	7.16	.06	3.74	5.69	45	.60	0	0	.20	29.85
170D	POTRERO HEIGHTS	.22	2.95	5.79	6.59	.09	2.68	4.73	.09	.05	0	0	.60	23.80
172B	DUARTE	.08	3.13	7.98	7.01	T	3.67	5.25	.30	.34	0	0	.97	28.73
174B	GLENDORA - WARREN	0	2.85	10.16	5.81	.01	2.73	5.95	.53	.13	0	0	.41	28.58
175B	LA CANADA IRRIGATION DISTRICT	.05	4.47	11.27	6.65	.25	4.77	6.29	.26	.21	0	0	.25	34.47
176	ALTADENA - RUBIO CANYON	.06	3.57	7.88	5.94	.10	4.14	5.26	.29	.38	0	0	.14	27.76
177F	LA CANADA - AP ROBERTS	.03	4.57	8.57	6.22	.21	4.31	6.24	.03	0	0	0	.11	30.29
178C	AZUSA VALLEY WATER CO.	0	2.60	7.47	5.89	.03	2.71	5.30	.30	.13	0	0	.78	25.21
179G	BAILEY DEBRIS DAM	.04	3.77	9.74	7.26	.04	4.85	6.02	.85	.80	0	0	.17	33.54
185	GLENDORA - WEST	.05	3.63	9.92	7.21	.04	3.51	6.52	.55	.33	0	0	1.78	33.55
190B	RANCHO SOMBRERO	0	4.95	10.38	6.92	NR	NR	NR	NR	NR	NI	NI	NI	INC
191B	LOS ANGELES - ALCAZAR	.08	4.11	5.59	6.25	.09	2.22	4.17	.02	.05	0	0	.68	23.26
192C	BELL - FIRE STATION	.09	2.95	5.11	4.85	.11	1.86	3.40	.02	0	0	0	.77	19.16
193B	COVINA NO. 2 - TEMPLE	.11	2.78	6.92	5.58	T	1.99	5.38	.19	.05	0	0	.26	23.26
196B	LA VERNE - POLICE DEPT.	.07	2.37	8.64	5.85	0	2.80	5.01	.35	.25	0	0	.12	25.46
198C	BRAND DEBRIS BASIN	.03	3.91	3.30	4.47	.15	2.95	4.67	.16	.04	0	T	.32	20.00
199D	HUNTINGTON PARK - CITY YARD	.05	3.21	5.12	5.10*	.07	1.34	3.88	.04	0	0	0	.52	19.33**
200	SAUGUS - S.C.E. CO. SUBSTATION	.16	3.82	3.52	3.44	.22	1.38	3.08	.08	0	0	0	.37	16.07
201C	PUENTE HILLS - ALTA MIRA RANCH	.10	3.00	8.16	5.78	.02	1.88	5.25	.31	.04	.01	0	.39	24.94
208B	ARTESIA	0	1.96	5.09	4.17	0	1.28	3.35	0	.02*	0	0	.30	16.17**
210B	BRAND PARK	.02	4.50	3.75	5.48	.17	3.29	5.00	.19	0	0	0	.35	22.75
213F	LOS ANGELES - HANCOCK PARK	.09	4.30	6.12	4.99	.18	2.99	4.39	0	.11	0	0	.67	23.84
216	GLENDALE - JONES	.04	3.89	4.23	5.46	.18	3.22	4.60	.09	.01	0	.0	.49	22.21
219	PACOIMA WAREHOUSE - COUNTY FORESTRY	.01	3.81	4.36	3.33	.18	3.36	3.99	.03	0	0	0	.72	19.79

TABLE VII (Continued)

SUMMARY OF MONTHLY RAINFALL IN INCHES

SEASON 1966–67

STA. NO.	STATION	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	SEAS. TOTAL
222C	LANKERSHIM PUMPING PLANT	.01	4.23	2.62	4.08	.10	2.25	4.88	.03	0	0	0	.46	18.67
223B-E	BIG DALTON DAM	.08	3.47	17.81	7.68	.05	4.78	7.89	1.08	.77	0	0	1.24	44.85
224B	LONG BEACH-ALAMITOS LAND COMPANY	.02	1.25	3.10	2.95	.03	1.07	2.37	T	0	0	0	.27	11.06*
225	MONTANA RANCH	0	2.05	2.87	4.33	.12	1.72	1.89	0	.02	0	0	.61	13.61
226B	BURBANK FIRE STATION	.05	3.78	2.24	4.28	.10	4.16	4.43	.04	0	0	0	1.56	20.64
227D	SAN GABRIEL - BRUINGTON	.14	3.37	5.71	8.71	.08	3.10	4.98	.02	.05	0	0	.30	26.46
228B	BEVERLY HILLS - CITY HALL	.06	4.26	5.99	5.34	.16	2.66	4.72	T	0	0	0	.55	23.74
235C	HENNIGER FLATS	.03	4.20	11.94	6.05	.11	5.75	5.70	1.13	.83	.01	0	.48	36.23
237C-E	STONE CANYON RESERVOIR	.03	4.21	7.68	7.67	.17	3.92	5.72	.01	.01	0	0	.79	30.21
238	HOLLYWOOD DAM	.08	4.39	6.17	6.07	.17	2.90	5.15	T	.06	0	0	.16	25.15
241C	LONG BEACH - CITY HALL	0	1.25	3.56	3.03	T	1.27	2.02	.03*	.03*	0	0	.41	11.60**
246B	CULVER CITY	.05	3.65	5.34	3.54	.15	2.04	3.41	.03	0	0	0	.34	18.55
250D	ACTON CAMP	.03	2.22	2.02	1.73	0	1.38	2.93	.06	T	0	.25	.62	11.24
251C	LA CRESCENTA	.12	4.28	10.57	6.01	.22	5.50	5.90	.36	0	0	0	.41*	33.37**
254B	LA PUENTE - ROWLAND RANCH	.10	2.59	6.35	6.40	T	2.09	4.07	T	0	0	0	.20*	21.80**
255D	MOUNT SAN ANTONIO COLLEGE - SPADRA	.15	2.80	7.72	5.80	T	2.41	4.37	.15	.06	0	0	.31	23.77
256C	POMONA - FIRE STATION	.08	2.55	8.01	5.08	0	2.13	4.13	.15	0	0	0	.21	22.34
257	GRIFFITH PARK NURSERY	.04	4.28	5.46	6.73	0	2.68	4.93	.04	0	0	0	.10	24.26
259D	CHATSWORTH - TWIN LAKES	.02	5.35	6.58	4.95	.30	2.35	3.74	.19	T	0	0	.36	23.84
261B-E	ACTON - ESCONDIDO CANYON	.04	2.61	2.71	1.66	.04	1.45	3.51	.25	0	0	.37	.52	13.16
263F	POMONA - RIVERA	.09	2.43**	8.13	5.11	0	1.87	5.53	.25	0	0	0	.03	23.44**
264B	SAND CANYON - PLACERITA CANYON	0	4.34	6.65	7.24	.23	8.00*	7.72**	.09*	20*	0	0	.41	34.68**
265D	PUENTE HILLS - WEISEL RANCH	.07	2.23	7.81	5.28	0	2.11	4.41	.15	0	0	0	.37	22.43
269C	DIAMOND BAR - HORSE CAMP	.10	2.79	7.52	6.01	0	2.31	4.41	.16	0	0	0	.01	23.31
270C	COUNTY FARM - RANCHO LOS AMIGOS	.10	2.98	4.16	3.18	.15	1.28	3.61**	.04	.09	0	.04	.56	16.19**
272D	LOS ANGELES HEADWORKS PUMPING PLANT	.01	4.93	4.36	5.19	.16	3.13	5.16	0	.04	0	0	.53	23.51
274B	ACTON - HUBBARD	.10	2.82	3.65	1.78	.12	1.67	4.52	0	0	0	.10	.41	15.17
275	SAN MARINO - HUNTINGTON LIBRARY	0	4.16	7.70	7.83	.15	3.56	5.55	.09	.16	0	0	.21	29.41
277	SAWMILL MOUNTAIN RANCH	0	6.96	4.79*	5.97	.51	6.02	7.80	.63	0	0	T	2.58	35.26*
278B	LOS ANGELES - CLARK MEMORIAL LIBRARY	.05	3.31	5.58	5.54	.09	2.15	5.05	.03	0	0	0	.52	22.33
280B	FLINTRIDGE FIRE STATION	.08	4.61	5.63	6.59	.19	3.33	5.17	.20	.07	0	0	.18	25.65
283C	CRYSTAL LAKE	.34	6.61	16.12	9.12	.34	9.24	12.92	.69	.22	0	.24	.75	56.59
284D	PLACERITA CANYON	0	5.72	5.60	6.62	0	4.34	5.76	.09	.20	0	0	.10	28.43
285C	MOUNT ST. MARY'S COLLEGE	.06	4.33	8.59	6.84	.18	3.43	5.60	.04	0	0	0	1.32	30.39
287	GLENDORA	.05	2.98	9.07	7.09	.02	3.17	6.41	.38	.31	0	T	1.75	31.23
289	LAGUNA-BELL - SOUTHERN CALIFORNIA EDISON CO. SUBSTA.	.07	4.56	4.46	4.49	.13	2.03	3.89	.05	.02	0	0	.77	20.47
290B	MONTEREY PARK - FIRE STATION	.18	3.37	5.31	5.66	.12	1.92	4.32	.02	.07	0	0	.35	21.32
291	LOS ANGELES - 96TH AND CENTRAL	0	2.98	5.21	5.08	.08	1.30	3.05	.11	0	0	0	.65	18.47
292D-E	ENCINO RESERVOIR	0	6.61	3.45	5.51	.15	3.07	5.00	T	0	0	0	.41	24.20
293-E	VAN NORMAN LAKE - LOWER	.03	4.94	6.83	4.70	.22	3.39	4.70	.31	.09	0	0	.91	26.12
294B	SIERRA MADRE - MIRA MONTE PUMPING PLANT	.05	3.94	9.53	7.93	.08	4.48	5.95	.51	1.02	0	0	.25	33.74
295G	GLENDALE - STAPENHORST	.01	4.16	5.31	6.26	.18	3.49	5.30	.09	.02	0	0	.43	25.25
298B	GORMAN	0	3.38	2.07	1.55	0	.38	3.73	.20	0	0	0	.82	12.13
299F	LITTLE ROCK	0	1.51	.69	.66	.01	.17	1.57	.12*	0	0	.22	.90	5.85**
303F	PASADENA - CAL TECH	0	3.62	6.56	7.57	.10	3.92	5.57	.14	.21	0	0	.30	27.99
304	SAWPIT CANYON - DEER PARK	.09	5.05	21.08	8.77	.26	4.03	8.29	2.06	1.12	0	0	.06	50.81
306F	TRANCAS BEACH	.06*	4.52	2.10	2.01	.08	1.45	2.02	0	0	0	0	.58*	12.82**
311b	PASADENA METEOROLOGICAL STATION	.11	4.59	7.21	6.59	.12	3.86	5.31	.20	.16	0	0	.21	28.36
312B	AZUSA PLANT - GLENDORA WATER DEPARTMENT	.03	2.90	10.38	8.08	.05	3.56	5.02	.55	.43	0	0	1.13	32.13
321-E	PINE CANYON PATROL STATION	.01	4.89	4.59	6.92	.52	5.12	6.52	.16	.06	0	0	1.04	29.83
322	MUNZ VALLEY RANCH	0	2.89	1.72	3.13	.19	1.87	2.72	0	0	0	.25	1.36	14.13
334B-E	COGSWELL DAM	.04	9.56	13.36	10.16	.24	6.79	10.22	.30	.04	0	T	.18	50.89
336-E	SILVER LAKE RESERVOIR	.06	4.22	4.98	6.44	.10	2.92	4.18	.03	0	0	0	.50	23.43
338A	MOUNT WILSON - OBSERVATORY	.04	7.74	21.18	7.00	.30	8.34	9.90	.67	.09	T	T	.69	55.95
338B	MOUNT WILSON - AIRWAYS	.04	6.37	18.48	7.31	.29	7.90	9.23	.47	.07	0	0	1.28	51.44
339	WALNUT FRUIT GROWERS' ASSOCIATION	.19	2.85	7.45	6.61	0	2.57	5.06	.24	0	0	0	.28	25.25
341	ALISO CANYON - BLUM RANCH	0	2.11	1.65	1.50	.02	1.19	3.16	.10	.04	T	.73	.70	11.20
342B	UPLAND - CADNUM	.12	2.38	10.11	6.16	0	3.63	5.15	.52	.38	0	0	.25	28.70
347-E	BALDWIN PARK EXPERIMENTAL STATION	.11	3.03	6.25	6.61	.19	2.92	5.07	.26	.13	0	0	.37	24.94
349D	CAMP RINCON	0	4.27	16.68	9.72	.28	8.38	8.95	.06	.31	0	0	.17	48.82
352B	LECHUZA PATROL STATION	.08	7.96	7.46	8.75	.20	2.77	5.47	.02	T	0	0	.73	33.44
355B	LOS ANGELES - CITY COLLEGE	.10	5.72	5.12	6.48	.13	2.93	4.51	.03	0	0	0	.48	25.50
356C	SPADRA - PACIFIC COLONY	.11	2.60	7.28	5.20	0	2.19	4.54	.18	.02	0	0	.26	22.38
357	VAN NORMAN LAKE - UPPER	.08	4.88	8.17	5.47	.26	2.93	4.79	.30	.15	0	0	.60	27.63
363C	WILSON CANYON	0	6.87	12.76	9.22	.30	5.57	7.13	.90	0	0	0	.37	43.12
364	HAINES CANYON - LOWER	.05	5.77	8.10	6.90	.20	8.10	8.72	.63	.13	0	0	.70	39.30
365C	MT. LUKENS	0	4.99	11.35	6.61	.21	6.49	6.48	.54	T	0	0	.71	37.38
367	HAINES CANYON - UPPER	.05	6.10	10.57	7.39	.20	8.39	9.19	.67	.15	0	0	.70	43.41
372	SAN FRANCISQUITO POWER HOUSE NO. 2	.21	4.99	5.09	4.45	.41	3.14	4.58	.03	.10	0	T	.18	23.18
373B	BRIGGS TERRACE	.70	5.03	11.61	7.12	.30	6.85	6.90	.78	.40	0	0	.66	40.35
377F	LAKE SHERWOOD ESTATES	.04	5.48	6.59	6.69	.21	3.73	5.63	.12	0	T	0	.70	29.19
379B	SAN GABRIEL - EAST FORK	0	3.50	12.57	7.88	.10	6.98	8.51	.37	.13	0	0	.11	40.15
386C	ZUMA CANYON - OAKLEY	.10	9.05	11.43	11.04	.26	3.98	6.25	.08	T	0	.08	.88	43.15
387B	COVINA CITY YARD	.16	2.74	6.43	5.69	0	2.28	5.18	.17	.06	0	0	.30	23.01
388D	PARAMOUNT - COUNTY FIRE STATION	0	2.52	4.13	3.67	0	1.46	3.11	.10	.08	0	0	.66	15.73
390B-E	MORRIS DAM	.04	3.74	16.83	8.57	.13	4.94	6.30	.77	.32	0	0	.57	42.21
391C	MONTEBELLO - FIRE DEPARTMENT	.07	2.94	5.08	5.97	.10	2.15	4.26	.04	.07	0	0	.57	21.25
394	HIGHLAND PARK - LINDSAY	.06	4.47	5.62	6.65	.11	2.94	4.90	.05	.01	0	0	.37	25.18
395B	OLIVE VIEW SANITARIUM	.12	4.18	7.76	6.82	.22	4.12	5.27	.66	0	0	0	.68	29.83
402F	CEDAR SPRINGS	.14	4.22	13.58	8.55	.50	8.03	9.93	.93	.02	0	.58	.34	46.82
405B	SOLEDAD CANYON - ECKLES	0	4.52	2.89	3.74	T	3.39	5.08	.35	0	T	.01	.30	20.28
406C	WEST AZUSA	.08	2.85	7.49	6.78	.03	2.83	5.34	.36	.17	0	0	1.12	27.05
407	NEWHALL - UNITED STATES FOREST SERVICE HDQTRS.	.01	5.48	6.02	5.74	.33	3.42	5.84	.22	0	0	0	.95	28.01
409-E	RIDGE ROUTE - STATE HIGHWAY MAINTENANCE STATION	0	6.50	3.60	3.80	.36	1.81	5.60	.20	0	0	0	.60	22.47
415	SIGNAL HILL - CITY HALL	0	1.48	3.84	3.64	0	1.33	2.35	.03	.07	0	0	.67	13.41
419B	SANTA CLARA RIDGE - MT. GLEASON	.07	3.21	11.42	3.03	.16	INC.	INC.	N.R.	N.R.	N.R.	N.R.	INC.	.50	INC.
420C	ACTON - COLOMBO RANCH	0	2.95	2.80	3.00	0	1.66	5.35	.06*	0	0	.25*	.62	16.69**
422G	PACOIMA CANYON	.11	4.90	12.11	8.42	.24	7.71	8.64	.88	0	0	0	.48	43.49
423A	ALISO CANYON - WAGON WHEEL RANCH	.16	4.55	7.18	4.63	.35	4.18	7.33	.19	.06	.09	1.65	.55	30.92
425B-E	SAN GABRIEL DAM	.02	3.92	19.04	8.82	.15	6.13	8.21	.59	.34	0	T	.20	47.42
432	SANTA ANITA - FERN LODGE	.01	5.23	19.42	9.21	.18	8.24	7.89	1.08	.42	0	T	.25	51.93
433C	FAIR OAKS DEBRIS BASIN	.43	3.75	9.58	6.39	.07	4.77	5.75	.62	.54	0	0	.25	32.15
434	AGOURA	0	5.97	4.32	4.64	.14	2.65	4.44	.10	0	0	0	.68	22.94
435	MONTE NIDO	0	6.03	8.49	9.29	.31	3.16	4.98	0	0	0	0	.45	32.71
436C	HANSEN DAM	0	3.66	4.85	3.69	.10	3.67	4.41	.15	0	0	0	1.49	22.02
437	HAMILTON BOWL - LONG BEACH	0	1.34	3.36	3.33	.04	1.28	2.32	.03*	.07*	0	0	.64	12.41**
440C	CHILAO - UNITED STATES FOREST SERVICE CAMP	.07	5.54	7.77	4.20	.25	3.89	6.62	.12	.03	0	.58	.14	29.21
441D-E	PALMDALE - COUNTY ROAD MAINTENANCE YARD	0	2.05	1.87	1.68	.03	.46	2.44	.22	0	0	.05	.49	9.29
442C	MESCAL CREEK	0	1.57*	1.49	.80	0	.07	1.85	0	0	0	1.56	.44	7.78
443B	LATIGO CANYON - BEACH RANCH	.05	9.12	10.53	11.33	.23	4.38	6.91	.15	0	0	0	.64	43.40
444F-E	ROLLING HILLS - SOUTH COAST BOTANICAL GARDENS	0	2.46	6.35	3.95	T	1.80	3.51	.02	0	0	.04	.54	18.67
445B	LIVE OAK DAM	.23	2.64	12.77	5.94	.03	3.60	5.77	.53	.46	0	0	.16	32.13
446	ALISO CANYON - OAT MT.	.07	6.11	11.00	6.91	.45	3.31	5.53	.42	0	0	T	.36	34.16
447C	CARBON CANYON	.05	3.69	6.04	5.46	.16	1.95	3.10	0	0	0	0	.30	20.75
449B	EATON WASH DAM	.02	3.58	7.70	6.50	.12	4.26	5.19	.43	.43	0	0	.15	28.38
451C-E	CASTAIC - WAYSIDE HONOR RANCH	.50	3.64	4.60	2.81	.50	1.20	3.11	.03*	0	0	0	.31	16.70**
453C	DEVIL'S GATE DAM	.13	4.19	7.72	6.17	.16	4.02	5.82	.27	.17	0	0	.07	28.72
455B	LANCASTER - STATE HIGHWAY MAINTENANCE STATION	0	1.56	.78	1.25	0	.63	1.35	0	0	0	0	.56	6.13
456	PIUTE BUTTE	0	.95	.92	.84	T	.11	1.17	0	0	.36	.37	.32	5.05
458	ZUMA CANYON PATROL STATION	.06	3.81	3.97	4.27	.11	2.02	2.83	0	0	0	0	.58	17.65
460B	PLEASANT VIEW MESA - NEAL	0	1.85	2.05	1.89	0	.27	3.14	0	0	0	.30	.54	10.04
461	BALDWIN HILLS - STANDARD OIL FIELD OFFICE	.08	3.52	4.16	3.40	.12*	2.60	3.34	0	0	0	0	.37*	17.59**
462B	HILLCREST COUNTRY CLUB - LOS ANGELES	.04	3.52	6.42	4.33	.22	3.64	4.65	0	0	0	0	.55	23.37
463B	MAR VISTA - SOUTHERN CALIFORNIA WATER COMPANY	0	2.38	6.05	3.35	.12	3.04	3.33	T	0	0	T	.59	18.86
465C	SEPULVEDA DAM	0	4.78	2.78	4.16	.11	2.38	4.75	0	0	0	0	1.27	20.23

TABLE VII (Continued)

SUMMARY OF MONTHLY RAINFALL IN INCHES

SEASON 1966–67

STA. NO.	STATION	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	SEAS. TOTAL
466B	PACOIMA CANYON– DUTCH LOUIE CANYON	.11	4.93	18.30	6.97	.27	9.53	8.95	.71	.19	0	0	.26	50.22
468	PICKENS DEBRIS BASIN	.04	4.74	11.75	6.65	.21	5.44	6.56	.40	.09	0	0	.54	36.42
470	TUJUNGA – MILL CREEK	.02	4.36	10.21	3.14	.26	2.77	5.08	.31	0	.26	0	.81	27.22
471	LITTLE TUJUNGA – GOLD CREEK	0	4.40	9.00	4.41	.42	6.73	8.04	.45	0	0	0	.25	33.70
474B	SOUTH GATE – FIRE DEPARTMENT	0	2.73	4.77	4.14	.10	1.29	3.27	.08	0	0	0	.46	16.84
475	SAUGUS – NEWHALL LAND AND FARMING COMPANY	.17	4.86	2.94	5.11	.14	1.60	3.33	0	0	0	0	.25	18.40
476G	TRIUNFO CANYON	0	4.27	7.70	INC.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	INC.
477D	SANTA ANITA – SPRING CAMP	.12	5.98	16.42	9.35	.26	8.30	8.87	.85	.10	0	0	.29	50.54
478	VALYERMO – UNITED STATES FOREST SERVICE HDQTRS.	.02	1.84	1.63	1.52	.01	.32	3.12	0	.02	.16	.97	.48	10.09
480B	TEMPLE CITY FIRE STATION	.03	2.72	5.62	7.74	.09	2.32	4.78	.08	.05	0	.10	.23	23.76
482	LOS ANGELES – UNIVERSITY OF SOUTHERN CALIFORNIA	.04	4.02	5.10	5.57	.21	2.14	3.51	T	0	0	0	.56	21.15
486B	COLDWATER CANYON – WIDMAN RANCH	.29	3.26	16.32	6.60	.24	6.71	11.80	.82	.22	0	.53	.57	47.36
488B	KAGEL CANYON PATROL STATION	.05	3.54	5.92	3.52	.15	4.11	4.51	.27	.12	0	0	1.53	23.72
489	COLD CREEK – STUNT'S RANCH	.02	9.55*	6.69	10.15	.24	3.23	6.25	.06	0	0	0	.50*	36.69*
490C	LANCASTER – PABLO RANCH	N.R.	N.R.	.88*	.80*	0	.23	1.32*	N.R.	N.R.	N.R.	.05	.01	INC.
492C	CHILAO – STATE HIGHWAY MAINTENANCE STATION	0	8.14	8.63	3.60	.93	5.10	5.35	0	0	0	.10	.74	31.99
497	CLAREMONT – SLAUGHTER	.13	2.34	10.94	5.69	.03	3.33	5.69	.47	.39	0	0	.14	29.15
498	ANGELES CREST HIGHWAY – DARK CANYON TRAIL	0	4.01	14.59	6.90	.28	7.68	8.04	1.07	.08	0	0	.53	43.18
508D	ARROYO SECO – RANGER STATION	.10	4.34	9.65	6.90	.23	4.68	6.13	.48	.70	0	.15	.05	33.41
517B	ANDERSEN RANCH (LEWIS RANCH)	0	3.22	4.08	3.82	.06	1.36	3.89	0	0	0	.43	.94	17.80
542–E	FAIRMONT	T	4.74	2.75	5.44	.43	3.07	5.75	.05	.03	0	.30	.89	23.45
560B	LA VERNE HEIGHTS	0	2.45	10.51	5.85	0	2.60	5.72	.39	.55	0	0	.07	28.14
564C	LLANO	0	1.30	.55	.60	0	.07*	1.84*	0	0	.14	1.55*	.33	6.39*
565B	LONG BEACH – CITY AUTOMATIC	.01	1.48	3.56	3.32	T	1.10	2.15	.03	.03*	0	0	.52*	12.20**
566	LONG BEACH NO. 1	0	1.15	4.23	3.86	T	1.09	3.08	.03*	.07*	0	.09	.60	14.20**
575C	LONG BEACH – WEATHER BUREAU	.02	1.36	5.30	4.58	.05	1.36	2.98	.03*	.03	0	T	.73	16.44
587B	SAN ANTONIO CANYON POWER HOUSE NO. 1	.17	2.86	21.14	7.42	.07	6.85	8.26	.33	.31	0	0	.30*	47.71**
588D	MOUNT LOWE	.05	7.36	21.35	8.44	.33	9.13	10.66	.54	.08	0	0	1.07	59.01
593B	NEWHALL RANCH	.53	5.84	5.30	5.38	.40	2.36	5.46	.07	0	0	0	.60	25.94
610B	PASADENA – CITY HALL	.05	3.76	6.25	6.59	.12	3.65	5.04	.18	.13	0	0	.27	26.05
611C	ALTADENA GOLF COURSE	.04	3.70	8.37	5.69	.09	4.30	5.24	.42	.48	0	0	.20	28.53
612	PASADENA – CHLORINE PLANT	.15	4.47	8.40	5.69	.21	4.36	6.14	.42	.39	0	0	.21	30.44
613B	PASADENA – HURLBUT FIRE STATION	.04	3.73	6.28	6.32	.09	3.23	5.04	.10	.05	0	0	.31	25.19
617B	POMONA – ADAMSON	.14	2.57	8.64	5.09	T	2.24	4.62	.25	.05	T	T	.29	23.89
619	SAN ANTONIO CANYON – SIERRA POWER HOUSE	.20	3.79	18.97	9.10	.08	8.02	10.96	.21	.16	0	0	1.00*	52.49**
627	SAN GABRIEL CANYON – POWER HOUSE	.04	3.18	11.09	8.30	.12	3.75	5.73	.75	.53	0	0	1.50	34.99
634C	SANTA MONICA	.01	2.47	5.16	3.56	.02	2.50	2.79	.01	0	0	0	1.15	17.67
647H	TUJUNGA	.01	7.31	5.36	5.53	.13	4.86	7.05	.19	.06	0	0	.55	31.05
662C	LONG BEACH – CERRITOS AVENUE	T	1.46	4.12	3.49	T	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	INC.
666C	LONG BEACH – NEECE STREET	.03	2.74	4.17	3.90	T	1.51	3.17**	0	.02*	0	0	.05	15.59
672	EAGLE ROCK – SOUTHERN CALIFORNIA EDISON CO. SUBSTA.	0	4.46	6.04	6.50	.14	3.70	5.18	.15	.03	0	0	.42	26.62
673D	ALAMITOS BAY	N.R.	N.R.	N.R.	N.R.	INC.	1.29	2.94	T	T	.01	12	.41	INC.
678	PASADENA – SHELDON RESERVOIR	.14	3.63	7.18	6.39	.15	3.90	5.52	.20	.14	0	0	.09	27.34
679	PUENTE – NORTH WHITTIER HEIGHTS	.34	3.37	7.53	6.67	.03	2.42	6.08	.16	0	0	0	.33	26.93
680B	WESTWOOD – UNIVERSITY OF CALIFORNIA AT LOS ANGELES	.05	3.16	5.55	5.09	.08	2.95	3.90	.13	0	0	0	.90	21.81
681A	SIERRA MADRE RANGER STATION	.03	3.49	10.38	7.07	.07	4.63	6.45	1.22	.96	0	0	.19	34.49
683	SUNSET RIDGE GUARD STATION	.19	3.06	9.50	4.84	.19	5.55	5.74	.54	.08	0	0	.15	29.84
694F	BIG TUJUNGA CANYON	.09	4.65*	6.94	4.25	.18	5.09	7.64	.35*	.06	0	0	.21	29.46*
695B	TUJUNGA CANYON – VOGEL FLAT	0	6.38	11.51	7.94	0	9.04	3.21	.85	0	0	0	0	38.93
703	GLENDALE – MC INTYRE	.04	3.71	5.35	5.60	.17	3.36	4.67	.05	.02	0	0	.36	23.33
705	ALDER CREEK – PARADISE RANCH	.07	4.11	7.44	4.84	.14	5.35	6.48**	.53	.08	0	.20	.81	30.05**
716	LOS ANGELES – DUCOMMUN STREET	.05	4.05	5.33	5.90	.12	2.51	3.81	.01	T	0	T	1.06	22.84
718B	THOUSAND OAKS	.03	5.43	4.20	4.31	.15	2.77	4.12	.07	0	0	0	.74	21.82
720B	SIMI VALLEY – SUSANA KNOLLS	0	6.49	4.57	4.37	.29	2.39	4.69	.16	0	0	0	.21	23.17
722C	BELLEVIEW – STRATMAN	.04	2.49	2.54	2.61	.10	1.86	3.60	T	0	0	0	1.63	14.87
725B	BIRMINGHAM HOSPITAL	0	5.04	2.40	3.60	.10	2.38	3.04	0	0	0	0	.41	16.97
726B	ANGELES CREST GUARD STATION	.01	4.07	14.15	6.74	.23	6.07	6.61	.74	.03	0	0	.19	38.84
727B	NEWCOMB PASS	.08	7.46	23.38	9.66	.25	10.09	10.22	0	1.23	0	0	.18	62.55
728	PACOIMA CANYON – CITY ROAD GAGE	.25	6.70	19.73	7.66	.25	7.00	16.39	.77	.13	0	0	.98	59.86
730	MILLARD CANYON – DAWN MINE	.03	4.46	15.45	4.81*	.26	7.44	7.66	1.09	.08	0	0	.52	41.80**
731	OAK GROVE HEADQUARTERS – U.S.F.S. FLOOD CONTROL	.17	3.94	7.60	5.74	.16	3.96	5.74	.34	.05	0	0	.09	27.79
732B	ROBERT'S CANYON – SAN GABRIEL WEST FORK DIVIDE	.21	7.52	19.24	11.77	.45	11.46	11.41	1.16	.02	0	0	.49	63.73
734B	LOS ANGELES INTERNATIONAL AIRPORT	.04	2.69	3.67	2.71	.05	1.47	2.68	.03	T	T	T	.44	13.78
740B	SAN DIMAS CANYON – FERN NO. 2	.13	4.20	17.39	8.56	.17	8.53	12.00	.83	.31	0	0	.81	52.93
741	SAN DIMAS CANYON – UPPER EAST FORK	.09	3.17	16.19	7.41	.10	5.67	9.12	1.01	.73	0	0	.49	43.98
742C	SAN GABRIEL – FIRE DEPARTMENT	.03	3.27	6.19	8.11	.07	2.92	4.63	.07	.05	0	0	.30	25.64
746B	MOJAVE – 2 ESE	.05	.74	1.17	1.40	0	N.R.	2.07	N.R.	0	0	0	0	INC.
747	SANDBERG – AIRWAYS STATION	T	5.46	1.68	2.44	.26	2.10	4.11	.36	0	T	T	.95	17.36
749B	BURBANK	.02	4.75	2.94	3.99	.07	3.08	4.64	T	T	T	0	.54	20.03
750	PALMDALE – FEDERAL AVIATION AUTHORITY AIRPORT	.01	1.60	.71	1.35	T	.33	1.52	T	T	.04	.35	.24	6.16
755	GRIFFITH PARK – LITTLE CANYON	.03	4.03	6.27	6.56	.13	3.19	4.98	0	0	0	0	.66	25.85
757	GRIFFITH PARK – FERN DELL	.10	3.73	5.54	6.03	.20	2.81	4.84	0	0	0	0	.25	23.50
758	GRIFFITH PARK – LOWER SPRING CANYON	.03	4.28	6.60	7.05	.25	3.16	5.30	0	0	0	0	.49	27.16
759B	NICHOLS DEBRIS BASIN	.09	4.91	6.11	6.42	.15	3.11	5.07	.04	0	0	0	.28	26.19
760	STUDIO CITY – GOODLAND AVENUE	T	5.62	4.57	6.75	.08	3.21	4.41	0	0	0	0	.08	24.72
762	UPPER STONE CANYON	.05	4.35	5.82	6.76	.15	3.39	5.80	0	0	0	0	1.24	27.58
763B	SEPULVEDA CANYON – EAST FIRE ROAD NO. 19	.10	4.07	8.60	8.10	.15	3.45	6.92	0	0	0	0	1.11	32.50
764	STONE CANYON – RIAL LANE	.03	4.17	5.37	6.70	.14	3.33	4.78*	0	.01*	0	0	.76	25.29**
766	MANDEVILLE FIRE ROAD NO. 24	.04	6.01	5.76	7.08	.10	2.88	5.38	0	0	0	.64*	.44	28.33**
767	MANDEVILLE CANYON ROAD	.15	5.56	8.48	8.68	.15	3.30	6.50	0	0	0	.13*	.62	34.17**
768	SULLIVAN CANYON – FIRE ROAD NO. 26	.04	7.12	6.99	9.28	.09*	3.61	6.58	0	0	0	.73*	.39	34.67**
770B	SANTA YNEZ CANYON – PASEO MIRAMAR	.12	3.43	6.53	4.77	.07	1.43	4.13	0	0	0	0	.28	20.76
771	RUSTIC CANYON – SANTA MONICA	.10	3.80	7.12	5.25	.07	2.85	4.12	0	0	0	0	.66	23.97
772	LOS ANGELES – ECHO PARK AND LUCRETIA	0	4.32	5.36	6.34	.08	2.56	3.53	0	0	0	0	.40	22.59
774	BARLOW SANITARIUM	.10	3.72	4.77	5.42	.12	2.54	3.78	0	0	0	0	.45	20.90
777	KENTER CANYON	T	3.70	7.07	5.26	.05	2.93	4.36	0	0	0	0	1.66	25.05
778B	SEPULVEDA CANYON – BELLAGIO ROAD	.04	6.00	7.06	6.39	.11	4.22	4.89	0	0	0	0	1.54	30.25
779	GRIFFITH PARK – LOWER MINERAL WELLS	.07	4.44	6.08	7.29	.20	2.82	5.68	0	0	0	0	.32	26.90
783	COON CANYON	.04	3.28	9.50	5.77	.18	4.47	5.63	.51	.12	0	0	.04	29.54
786	COON CANYON	.04	2.89	9.70	5.06	.21	4.44	5.27	.66	.01	0	0	.30	28.58
788	COON CANYON	.05	3.53	9.85	5.64	.19	4.01	5.60	.58	.02	0	0	.09	29.56
789	EL PRIETO CANYON	.18	3.54	11.15	5.40	.24	5.28	6.28	.67	.02	0	0	.45	33.21
793	MARKHAM SADDLE	.04	5.00	17.10	7.78	.35*	10.90	6.48	.75	T	0	0	.27	48.67**
794–E	LOWER FRANKLIN RESERVOIR	.04	4.09	5.37	6.11	.08	2.97	4.53	T	.01	0	0	.36	23.56
795	PASADENA – JOURDAN	.04	3.23	6.47	7.38	.11	3.79	5.58	.56	.40	0	0	.30	27.86
796	ELYSIAN PARK – FIRE DEPARTMENT	.10	3.27	4.34	5.46	.15	2.43	3.20	0	0	0	0	.32	19.27
797	DE SOTO RESERVOIR	.03	4.93	6.22	4.59	.23	2.48	3.65	.17	0	0	0	.34	22.64
799	BALDWIN HILLS RESERVOIR	.05	2.98	4.11	3.61	.12	2.36	3.57	.01	0	0	0	.37	17.18
801B	MAGIC MOUNTAIN	0	5.62	12.10	2.30	.28	2.25	6.60	.65	0	0	0	.65	30.45
802B–E	EAGLE ROCK RESERVOIR	.05	4.09	5.78	5.90	.13	3.35	4.70	.06	.09	0	0	.32	24.47
807	ASCOT RESERVOIR	.07	4.04	5.36	6.15	.14	2.54	4.73	.03	.04	T	0	.66	23.78
1000	HUNT CANYON – BONES RANCH	0	2.11	1.10	1.39	0	.46	3.11	0	0	0	.30	.12	8.59
1001B	WEST FORK RANGER STATION	.93	8.76	22.92	12.03	.63	12.44	14.93	.64	.43	0	.23	2.24	75.58
1005B	MINT CANYON FIRE STATION	.15	2.88	6.58	2.35	.12	3.12	4.95	.30	0	0	0	.50	20.95
1006	SAN PEDRO – CITY RESERVOIR	.05	1.41	5.81	3.34	.05	1.18	2.74	0	0	0	0	.26	14.84
1007C	CAMP VALCREST	.05	5.12	9.89	3.96	.33	5.31	7.78	.32	0	.05	.55	.10	33.46
1008–E	LA FRESA – SOUTHERN CALIFORNIA EDISON COMPANY	0	1.64	4.25	2.49	.05	1.63	2.96	.10	0	0	0	.59	13.72
1009	MINT CANYON – DYER	.30	3.52	2.91	3.57	.06	2.16	4.69	.36	0	0	.01	.17	17.75
1010C	PALMER CANYON – FORKS	.08	2.64	13.11	6.84	.05	5.03	5.55	.08*	.31	0	0	.29	33.98**
1011B	PALOS VERDES FIRE STATION	.06	1.75	4.06	3.48	0	1.63	3.04	0	0	0	0	.36	14.38
1012	CASTAIC JUNCTION	.24	3.53	4.19	3.15	.43	1.40	3.21	.03	0	0	0	.20	16.38
1014F–E	RIO HONDO SPREADING GROUNDS	.15	2.73	4.59	5.16	.06	2.35	4.56	0	.04	0	0	.45	20.09
1016B	PALO COMADO CANYON – AGOURA	0	4.94	4.00	3.46	.22	2.55	4.33	.07	0	0	0	.33	19.90
1017B	LITTLE ROCK CREEK ABOVE DAM	0	1.81	1.57	1.27	.10	.87	2.90	.20	0	T	.54	.40	9.66
1018B	SANTA SUSANA MTS. DEVIL'S CANYON	.15	7.12	8.99	5.57	.46	2.61	5.29	.16	.24	0	0	.40	30.99

TABLE VII (Continued)

SUMMARY OF MONTHLY RAINFALL IN INCHES

SEASON 1966–67

STA. NO.	STATION	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	SEAS. TOTAL
1019	SANTA SUSANA MTS. – SALT CANYON	.17	8.03	10.14	6.28	.52	2.94	5.97	.18	.27	0	0	T	34.50
1020B	PADUA HILLS PATROL STATION	.10	3.28	15.39	4.11	0	4.50	6.24	.81	.63	0	0	.40	35.46
1022	HASLEY CANYON – WESTERN GULF OIL COMPANY	.73	5.36	7.17	5.12	.48	2.75	5.13	0	0	0	0	.47	27.21
1023B	SANTA MARIA CREEK – SPEER	0	5.09	5.26	6.70	.18	3.60	4.92	.02	0	0	0	.36	26.13
1025	MALIBU BEACH – DUNNE	.05	3.84	5.53	4.32	.14	1.63	2.80	.02	0	0	0	.12	18.45
1029	TUJUNGA – MILL CREEK SUMMIT	0	3.71	7.71	4.01	T	3.93	5.25*	0	T	26*	2.47	.38	27.72**
1030	MT. ISLIP – LITTLE JIMMY SPRING	.40	7.81	15.90	4.90	.73	19.23	19.24	.77	.25	0	.27	1.55	70.80
1031B	MT. WATERMAN	.05	4.84	9.43	4.64	0	7.04	8.18	.41*	0	0	.68*	.17*	35.44**
1035	WHITTIER – WOOD	.20	2.42	5.24	5.07	.04	2.13	4.05	.12	.02	0	0	.45	19.74
1037–E	ARCADIA – ARBORETUM	.04	3.35	8.13	7.86	.09	3.28	5.58	.26	.28	0	0	.09	28.96
1038B	MT. PACIFICO	N.R.	N.R.	N.R.	N.R.	N.R.	.86	8.41	.37	0	0	.42	2.06	INC.
1039B	LOS ANGELES – MAC QUEEN	.05	3.80	5.87	6.56	.17	2.93	4.06	0	0	0	0	.67*	24.13**
1040	POTRERO CANYON – SUNRAY DX OIL COMPANY	.35	4.43	4.89	4.56	.39	2.59	4.42	.12	0	0	0	.26	22.01
1041B	SANTA FE DAM	.02	3.09	6.13	7.18	.05	3.05	4.42	.10	0	0	0	.95	24.93
1046B	SANTA ANITA CANYON – CHANTRY FLAT	.05	4.43	19.04	7.83	.20	6.46	7.55	.61	.65	0	0	.20	47.02
1048B	LA CRESCENTA – COUNTY ROAD DEPARTMENT	.03	4.47	10.08	6.99	.17	6.06	6.73	.29	0	0	0	.41	35.23
1050	OLD TOPANGA CANYON – GRAY	.05	7.08	6.18	12.47	.22	4.41	6.31	.08	0	0	0	.55	37.36
1051B	CANOGA PARK – PIERCE COLLEGE	0	4.09	3.08	3.32	.02	2.24	3.17	.07	0	0	0	.24	16.23
1052	CAMP JOSEPHO	.10	5.86	10.24	8.13	.18	3.13	6.39	.05	.03	0	0	.93	35.04
1053B	BIG TUJUNGA CANYON SPREADING GROUNDS	.04	4.47	5.00	3.75	.14	3.72	6.28	.17	.02	0	0	.45	24.04
1054	VETERAN'S HOSPITAL – SAN FERNANDO	.08	3.38	8.43	6.59	.18	4.67	5.56	.76	0	0	0	1.58	31.23
1055B	MT. BALDY NOTCH	.80	4.65	16.74	9.25	.20	6.95	13.66	.55	0	.25	.70	1.90	55.65
1057B	WHITTIER NARROWS – ABOVE DAM	.21	2.37	5.48	5.64	.03	2.65	4.98	.10	.01	0	T	.46	21.93
1058B	PALMDALE	0	1.82	1.58	1.28	0	.27	1.77	.01	.02	T	.28	.42	7.45
1059B	SOUTH HAWKINS	.33	6.51	15.88	8.98	.33	9.10	12.72	.68	.22	0	.24	.74	55.73
1060B	LITTLE ROCK – SYCAMORE CAMP	0	1.84	5.79	2.35	0	.80	3.61	0	T	0	.43	.32	15.14
1062	BUCKHORN FLAT	.09*	4.90**	11.56	10.41	0	9.68	7.71	.45	0	0	.74	.19	45.73**
1063	SOLEDAD PASS	0	2.55	1.18	1.34	.03	.90	2.79	.16	0	.12	.27	1.09	10.43
1064B	SAN GABRIEL EAST FORK – DOT MINE	0	3.45	12.41	7.78	.10	7.05	8.58	.37	.13	0	0	0	39.87
1066B	LONG BEACH – LEES STREET	0	1.32	4.10	3.52	T	.94	2.45**	.02*	.04*	0	0	.49*	12.86**
1067	SANTIAGO CANYON	0	3.15	2.72	2.46	.19	1.68	5.61	.34	0	T	.92	.68	17.75
1068	RATTLESNAKE CANYON – CAMP #3	.05	5.16	7.36	6.62	.20	3.22	5.36	.03	0	0	0	2.69	30.69
1069	SAN GABRIEL EAST FORK TUNNEL	0	3.48	12.54	7.90	.10	7.15	8.70	.37	.13	0	0	0	40.37
1070	MANHATTAN BEACH	0	1.64	4.28	2.48	0	1.45	3.56	0	0	0	0	.50	13.91
1071B–E	DESCANSO GARDENS	.02	4.43	9.05	6.15	.19	4.18	5.70	.24	.07	0	0	.28	30.31
1072	LITTLE TUJUNGA RANGER STATION	.04	3.97	5.49	3.19	.10	3.75	4.40	.32	.01	0	0	1.02	22.29
1073B	PALMDALE – CIRCLE C	.02	1.90	1.38	1.21	.02	.58	2.60	.10	T	0	.09	1.06	8.96
1074	LITTLE GLEASON	.08	4.22	15.00	5.37	.28	5.98	8.29	.58	.21	0	1.00	.64	41.65
1075	UPPER WOLFSKILL CANYON	.06	4.06	23.00	8.85	.10	6.85	8.49	1.56	1.14	0	0	.38	54.49
1076	HIDDEN SPRINGS	0	4.17	9.10	5.33	.36*	5.94	7.63**	.24*	T	0	.01*	.80*	33.58**
1077B	MONROVIA – FIVE POINTS	.03	3.53	10.99	7.76	.12	4.42	5.73	.61	.67	0	0	.23	34.09
1078	COVINA – GRIFFITH	.13	2.57	6.77	5.68	.01	2.42	5.11	.33	.12	0	0	.04	23.18
1079	RUBIO DEBRIS BASIN	.08	3.47	9.35	5.33	.11	4.51	5.68	.68	.64	0	0	.20	30.05
1080B	BRADBURY DEBRIS BASIN	.05	3.25	9.38	7.19	.05	3.84	5.97	.70	.56	0	0	.62	31.61
1081	DEER DEBRIS BASIN	.03	3.98	7.32	6.07	.15	3.63	4.99	.26	0	0	0	.45	26.88
1082	DUNSMUIR DEBRIS BASIN	.03	4.64	8.13	6.01	.21	5.96	6.75	.63	.21	0	0	1.07	33.64
1083	MADDOCK DEBRIS BASIN	0	3.40	10.52	7.48	.11	4.14	5.59	.35	.64	0	0	.75	33.08
1084B	MAY DEBRIS BASIN	.12*	3.78*	9.36	6.92	.18	4.25	5.19	.55	0	0	.13	.21	30.69*
1085	MC CLURE DEBRIS BASIN	.05	4.22	3.30	3.30	.11	3.29	4.35	.08	0	0	0	.52	19.22
1086	TURNBULL DEBRIS BASIN	.11	1.97	5.77	4.74	.03	2.02	4.08	.13	.01	0	0	.04	18.90
1087–E	GREEN VERDUGO PUMP PLANT	.02	4.20	3.99	3.15	.17	3.33	5.27	.16	T	0	0	.92	21.21
1088B	LA HABRA HEIGHTS MUTUAL WATER COMPANY	.13	2.46	5.70	5.17	T	2.03	4.06	.20	.04	0	0	.91	20.70
1089D	TOPANGA CANYON OUTLET	0	3.23	7.91	5.45	.12	1.73	4.57	0	0	0	0	.37	23.38
1090	LOS ALAMITOS	0	1.52	4.23	4.17	.01	1.33	3.03	0	.02	0	0	.40	14.71
1092B	BUENA PARK	T	1.52	3.63	3.53	0	1.51	2.97	0	.10	0	0	.45	13.71
1093–E	FULLERTON AIRPORT	T	1.74	4.47	3.82	T	1.57	2.88	.02	.07	0	0	.47	15.04
1095	ORANGE COUNTY RESERVOIR	.03	2.39	5.83	4.53	0	1.91	3.55**	.04	0	0	0	.17	18.45**
1099	WHITTIER – CATE	.19	2.94	5.08	5.33	.05	2.49	4.20	.09	.02	0	0	.44	20.83
1102B	BOBCAT CANYON – SAN GABRIEL WEST FORK	INC.	INC.	INC.	INC.	INC.	11.24	12.27	.75	0	0	0	.33	INC.
1104	BOUQUET CANYON AT TEXAS CANYON	0	3.38	5.67	3.24	.30	2.98	4.16	.33	0	0	0	.05	20.11
1105B	FAIRMONT	0	3.98	1.69	3.72	.20	2.33	4.00	.05	0	0	.23	.96	17.16
1106	ANTELOPE VALLEY FIELD STATION	0	2.54	1.53	2.76	.18	1.66	2.16**	0	0	0	.25*	2.11*	13.19*
1107D	LA TUNA CANYON	.02	3.98	4.22	2.78	.13	3.63	5.17	.10*	0	0	0	.45	20.48**
1108B	LEONA VALLEY	.24	2.85	5.35	4.25	.10	2.39	4.73	.25	T	0	.07	1.30	21.53
1109	MT. BALDY	.94	5.44	19.61	10.83	.23	8.14	15.99	.64	0	.29	.82	2.22	65.15
1110	SCHOLL DEBRIS BASIN	.02	4.09	4.74	6.08	.21	3.73	4.75	.22	.09	0	0	.36	24.29
1111C	DEVIL'S PUNCHBOWL	0	3.31	4.92	3.99	.09	2.63	5.18	0	0	.18	1.13	.72	22.15
1113	DOMINGUEZ WATER CO.	0	1.88	3.25	3.51	0	1.19	2.81	0	0	0	0	.99	13.63
1114B	WHITTIER NARROWS DAM	.16	2.77	5.30	5.54	.05	2.40	4.42	.05	0	0	0	.64	21.33
1115	SAN ANTONIO DAM	.15	2.42	17.15	6.59	0	4.75	5.97	.96	.02	0	0	.30	38.31
1116	LONG BEACH – SAN ANSELINE	T	1.78	4.31	4.59	T	1.30	2.94*	0	.02*	0	0	.45	15.39**
1117	PINE CANYON GUARD STATION	0	6.40	4.74	7.39	.60	7.13	9.44	.02	0	0	0	1.79	37.51
1119B	ATMORE MEADOW	0	8.54	7.48	9.21	.73	6.59	9.33	.15	T	T	T	.47	42.50
1120	DAWSON SADDLE	.06	4.28	9.78	4.34	.21	4.54	9.96	.19	0	1.10	.92	.37	35.75
1121C	BARLEY FLAT	.38	6.28	12.78	6.73	.46	6.54	9.79	.39	.01	0	T	.94	44.30
1122	COOKS DEBRIS BASIN	0	5.46	6.22	7.05	.19	6.08	7.21	.52	.11	0	0	.58	33.42
1124B	RED BOX GAP	0	6.50	16.67	9.80	.51	10.34	12.93	.43	.30	0	0	.89	58.37
1125	LA PUENTE	.30	2.47	6.22	5.90	0	1.90	4.74	.20	0	0	0	.20	21.83
1126	LOS ANGELES WATER DEPARTMENT – EAST VALLEY	0	4.24	2.85	3.59	.12	2.65	3.84	.04	0	0	0	.54	17.87
1127	WEST BURBANK	.05	5.74	3.45	5.12	.03	3.60	4.95	.03	0	0	0	.52	23.49
1128	WRIGHTWOOD FIRE STATION	.08	1.94	8.47	4.17	.61	2.60	6.42	.39	0	.60	1.72	.66	27.66
1129	NICHOLAS CANYON	.04	3.27	2.40	2.87	.12	1.48	3.43	.02	0	.02	0	.38	14.03
1132	OAK FLAT GUARD STATION	0	7.56	5.48	8.73	.76	7.04	10.02	0	0	0	0	.20	39.79
1133	FISH CANYON	.10	5.73	23.91	9.96	.29	4.57	9.40	.29	.31	0	T	.19	54.75
1135B	LUNADA BAY	.04*	1.00	2.87	2.31	T	.97	2.66	0	0	0	0	.44	10.29**
1137B	STOUGH PARK	0	4.99	3.07	3.71	.14	3.36	4.36	.10	T	0	0	.52	20.27
1138	MT. DISAPPOINTMENT	.07	6.62	15.51	8.38	.37	9.82	6.29	.73	T	0	0	1.05	48.84
1139B	PALOS VERDES HILLS – HIGH RIDGE	.04	1.76	6.95	3.91	0	1.87	3.66	.03	0	0	0	.85	19.07
1140	ROSEMEAD	.08	2.76	5.98	7.13	.09	2.51	4.60	.06	.02	0	0	.43	23.66
1141B	SPRING CANYON	0	2.68	1.85	2.07	0	2.32	4.55	.19	0	0	0	.24*	13.91**
1142	SOLEDAD CANYON – BERMITE POWDER COMPANY	0	4.49	3.79	4.07	.24	1.94	3.88	0	0	0	0	.37*	18.78**
1144	SAN GABRIEL – NORTH FORK	0	4.45	13.84	8.42	.26	7.52	8.70	.53	0	0	0	.06	43.78
1145	UPLAND	.16	2.10	12.67	6.09	.03	4.05	5.45	.59	.42	0	0	.31	31.87
1146	SANTA ANITA CANYON – HELIPORT	0	5.08*	18.92	8.55	.22	8.38	8.09	1.14	.39	0	0	.23	51.00**
1147	EL CABALLERO COUNTRY CLUB	0	6.22	3.58	5.27	.15	3.03	4.70	0	0	0	0	.66	23.61
1148B	SAN JOSE HILLS	.17	2.41	5.92	5.39	.02	1.97	4.88	.15	0	0	0	.28	21.19
1150	LOPEZ CANYON GUARD STATION	0	2.70	6.11	4.14	0	5.54	4.59	.28	0	0	0	2.10	25.46
1151	BRIGDEN RESERVOIR NO. 1	.04	3.31	7.07	6.55	.11	4.23	5.19	.33	.47	0	0	.10	27.40
1152	CLEAR CREEK RANGER STATION	.05	8.45	17.06	4.65	.37	10.09*	11.03	.49*	.12	0	0	.42	52.73*
1155	LAWNDALE	.02	1.58	4.66	2.95	.07	1.26	3.42	.02	0	0	0	.56	14.54
1157	SAN FERNANDO VALLEY STATE COLLEGE	0	4.92	3.60	3.06	.20	1.74	2.47	.10	0	0	0	.45	16.54
1158	TORRANCE MUNICIPAL AIRPORT	.02	1.70	4.44	3.65	.03	1.64	3.33	.05	0	0	0	.54	15.40
1159	SHORTCUT CANYON – WEST FORK	.25	8.21	16.10	8.73	.30	8.27	8.40	.46	0	0	T	1.02	51.74
1160	SAN GABRIEL CANYON WEST FORK HELIPORT	.07	6.47	18.70	10.84	.32	7.85	11.00	.41	0	0	0	.18	55.84
1161	LA CRESCENTA – GREGG	.07	4.33	10.67	6.37	.26	5.90	6.11	.54	.23	T	0	.91	35.39
1162	IRON MOUNTAIN	.20	10.42	15.50	6.98	.30	7.88	11.81	.44	.01	0	.43	.39	54.36
1163	BEAR CANYON – CRYSTAL LAKE ROAD	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	11.72	.63	.20	0	.25	.79	INC.
1164	WALTERIA LAKE PUMPING STATION	0	1.55	3.12	2.11**	0	.62	2.04	.01	0	0	0	.71	10.16**
1165	GARAPITO CREEK	T	5.44	3.89	5.90	.24	3.18	4.64	0	0	0	0	.32	23.51
1166	MILE HIGH	0	2.26	4.86	3.04	0	1.31*	3.46	0	0	.21	1.28	.37	16.79
1167	FENNER CANYON	0	3.31	6.60	3.25	.05	3.72	4.71	.37	.05	.60	2.80	1.10	26.56
1168B	REYNOLDS RANCH – MAXY RANCH	0	3.87	3.14	1.29	.04	.87	2.97	.15	.20	0	.06	.66	13.25
1169	LAKE PIRU	.09	7.10	9.73	6.45	.71	.05	5.11	.05	.04	0	0	1.40	31.73
1170	WATER WORKS DISTRICT NO. 6	.04	5.41	4.89	4.68	.28	2.65	3.91	.08	0	.05	0	.71	22.70
1171	CAMULOS RANCH	.38	6.24	5.14	4.80	.32	1.61	4.53	.02	0	0	0	.55	23.59

TABLE VII (Continued)

SUMMARY OF MONTHLY RAINFALL IN INCHES

SEASON 1966-67

STA. NO.	STATION	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	SEAS. TOTAL
1172	PIRU CANYON ABOVE PIRU LAKE	0	7.30	5.75	6.05	.61	3.83	5.84	0	0	0	0	.64	30.02
1174	CASTRO PEAK	.06	5.56	9.03	8.32	.24	4.25	5.29	.16	T	0	0	.45	33.36
1175	DOUGLAS WHITE OAKS PAR.	0	N.R.	N.R.	3.63	0	1.98	3.71	.17	.07	0	0	N.R.	INC.
1176	OAK RIDGE SUMMIT	.28	.49	9.30	3.12	.21	INC.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	INC.
1177	BARD RESERVOIR	.16	4.55	5.18	3.12	.21	2.17	3.68	.23	0	0	0	.28	19.58
1178	LOWER HUNGRY VALLEY	0	4.20	1.71	1.52	.17	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	INC.
1179	BUCK CREEK GUARD STATION	0	5.01	2.73	2.52	.02	0	2.20	.02	.20	0	0	1.23	13.93
1180	PACIFIC PALISADES	.06	5.51	7.67	5.94	.10	2.17	5.20	0	0	0	0	.20	26.85
1181	SCHOOLHOUSE CANYON	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	0	.24	INC.
1182	FISH CREEK	0	7.56	5.05	6.28	.60	4.72	6.94	0	0	0	0	1.29	32.44
X15B	HI VISTA	0	.56	.25	.85	0	.17	1.12	0	0	.09	.38	.85	4.27
X19	COOKS CANYON	0	4.42	6.89	5.71	.11	5.74	6.28	.48	T	0	0	.45	30.08
X21B	DUNSMORE CANYON - UPPER	0	5.25	5.83	6.91	.18	6.83	5.96	.95	T	0	0	.48	32.39
X22	ISLIP SADDLE	.11	4.90	12.04	9.38	.49	8.15	11.79	1.65	.04	0	.89	.52	49.96
X23	DORR CANYON	0	5.42	10.17	4.87	.35	5.50	10.03	.14	0	.80	2.31	.94	40.51
X24	GRASSY HOLLOW	0	2.23	9.67	2.48	.40	2.48	5.05	.10	0	.59	2.15	.88	26.03
X25	BEAR GULCH	0	3.07	12.39	6.42	.43	8.46	10.17	.25	0	1.57	2.81	1.14	46.71
X26	BLUE RIDGE	.02	1.15	9.49	8.82**	.29*	2.16**	2.59	.16	0	.87	.93	.36	20.84**
X27	GUFFY'S CAMP	0	2.52	8.03	3.75	.30	6.29	9.90	.46	0	2.62	2.48	1.00	37.25
X28B	HOLIDAY HILL	0	2.55*	9.40	4.50	.34	4.12**	8.41	.31	0	1.25	1.55	.61	33.04**
X29	PINE MOUNTAIN	.18	6.50	16.62	10.17	.39	9.90	9.86	1.00	.02	0	0	.42	55.06
X33	EAGLE DEBRIS BASIN	.02	4.59	10.31	6.01	.22	5.24	6.00	.47	.14	0	0	1.13	34.13
X35	VERDUGO MTS. - HILLCREST CANYON	.02	4.17	4.59	5.72	.14	3.04	5.08	.09	.05	0	0	.24	23.14
X37	SOLEDAD CANYON - HONBY	.10	4.04	3.20	3.23	.09	1.63	2.79	0	0	0	0	.37*	15.43**
X38	LOS PINETOS NIKE SITE	.15*	4.87*	10.76	6.26	.26	6.54	6.18	.94	.11	0	0	.43	36.50*

LEGEND

* ESTIMATE > 10% OF TOTAL
* ESTIMATE < 10% OF TOTAL

INC. INCOMPLETE RECORD
N.I. NOT INSTALLED
N.R. NO RECORD

TABLE VIII

RAIN GAGE STATION LOCATION

SEASON 1965-66

STA. NO.	TYPE GAGE	QUAD INDEX	ELEV. OF GAGE	NORTH LAT. ° ' "	WEST LONG. ° ' "	OBSERVER	LOCATION
2B	S	22-25	1050	34 02 55	118 46 25	STEIN PETERSEN	4130 S. LATIGO CANYON ROAD, MALIBU, SANTA MONICA MTS.
3C	S	34-09	900	34 06 22	118 47 30	ROSIE HOWLAND	SEMINOLE HOT SPRINGS AT MULHOLLAND HIGHWAY, SANTA MONICA MTS.
4B	S	34-49	800	34 06 11	118 45 16	HENRY R. READ	28960 CRAGS DRIVE, AGOURA, SANTA MONICA MTS.
5B	S	35-64	924	34 09 24	118 38 14	TOM FARMER	4803 EL CANON AVENUE, CALABASAS
6	SA	24-01	745	34 05 03	118 35 57	L. A. CO. FIRE DEPT. PERSONNEL	SOUTH OF TOPANGA POST OFFICE, 401 S. TOPANGA BOULEVARD, SANTA MONICA MTS.
9B	SP	48-36	828	34 13 52	118 28 04	NURSERY PERSONNEL	8845 SEPULVEDA BOULEVARD, SEPULVEDA
10B	SA	25-51	585	34 05 13	118 26 45	A. S. PORTER	701 STONE CANYON ROAD, BEL AIR HOTEL, WEST LOS ANGELES
11C	SP A	37-87	867	34 07 14	118 24 38	D.W.P. PERSONNEL	UPPER FRANKLIN CANYON RESERVOIR, 2300 FRANKLIN CANYON ROAD, SANTA MONICA MTS.
12	S	37-97	1100	34 07 45	118 24 20	S. H. WALTMAN	12501 MULHOLLAND DRIVE AT FRANKLIN CANYON, SANTA MONICA MTS.
13B	S	38-34	593	34 09 23	118 21 56	KATIE BLIX	10834 WEST BLIX STREET, NORTH HOLLYWOOD
14C	SP	49-46	1050	34 14 19	118 21 32	E. S. MERRILL	10459 TUXFORD STREET, SUN VALLEY, VERDUGO MTS.
15B	S	37-42	695	34 10 42	118 27 28	NEWSPAPER PERSONNEL	14931 WEST CALIFA STREET, VAN NUYS
17	S	37-05	1425	34 07 51	118 29 26	L.A.F.D. PERSONNEL	16500 MULHOLLAND DRIVE, WEST OF SEPULVEDA CANYON, SANTA MONICA MTS.
20B	S	35-84	996	34 09 07	118 36 36	D.W.P. PERSONNEL	GIRARD RESERVOIR, 4712 SAN FELICIANO DRIVE, WOODLAND HILLS
21	S	36-02	891	34 10 16	118 35 56	MRS. H. BAYLY	5545 CANOGA AVENUE, WOODLAND HILLS
23-E	SP AP	46-87	865	34 13 34	118 36 58	D.W.P. PERSONNEL	EAST END CHATSWORTH RESERVOIR, WEST END SAN FERNANDO VALLEY
24D	S	46-94	957	34 15 23	118 36 19	L. BATWAY	10202 TOPANGA CANYON BOULEVARD, CHATSWORTH
25C	SP	47-56	810	34 13 52	118 32 28	D.W.P. PERSONNEL	18718 RAYEN STREET, NORTHRIDGE
27B	S	48-55	902	34 14 57	118 26 40	GLEN C. RADDATZ	14333 VAN NUYS BOULEVARD, PACOIMA
28F	SP	48-32	977	34 16 40	118 28 06	ROSS GOULD	11333 SEPULVEDA BOULEVARD, SAN FERNANDO
29D	S	47-81	1280	34 17 09	118 30 59	HELEN STRATHAUS	11835 HIGHWATER ROAD, GRANADA HILLS
30B	SP	59-28	1250	34 18 37	118 28 15	MIKE FUSANO	13143 SAN FERNANDO ROAD, SYLMAR
31	S	58-27	2650	34 19 28	118 34 14	W. J. WILLETT	ORCUTT RANCH, SANTA SUSANA MTS. AT HEAD OF RICE CANYON
32C	S	58-61	1243	34 23 07	118 31 54	L.A. CO. FIRE DEPT. PERSONNEL	24875 SAN FERNANDO ROAD, NEWHALL
33A-E	SA	60-07	1500	34 19 48	118 23 59	EDWARD K. BARR	BELOW PACOIMA DAM AT CARETAKER'S HOUSE, SAN GABRIEL MTS.
39B	8.81	80-19	1610	34 12 18	118 17 05	L.A.C.F.C.D. PERSONNEL	SUNSET DAM, VERDUGO MTS., NORTH OF BURBANK
42C	S	7-15	70	33 50 43	118 23 20	F. M. ARNOLD	415 DIAMOND STREET, REDONDO BEACH
43D	S	2-00	216	33 47 58	118 23 29	CHARLES FORESTER	340 PALOS VERDES DRIVE WEST, PALOS VERDES ESTATES
44A	S	1-85	125	33 44 30	118 24 38	LIGHT SUPERVISOR, U.S.C.G.	POINT VICENTE LIGHTHOUSE, SOUTHWEST OF PALOS VERDES DRIVE WEST
46D-E	SA	51-10	2315	34 17 40	118 11 14	WILLIAM L. CROKE	BIG TUJUNGA DAM, WEST OF SPILLWAY, SAN GABRIEL MTS.
47D	SA	51-22	3150	34 16 38	118 10 12	J. WITHERELL	CLEAR CREEK, 1.6 MILES ABOVE BIG TUJUNGA CANYON, SAN GABRIEL MTS.
48B	S	51-15	2175	34 14 37	118 11 07	U.S.F.S. PERSONNEL	OAK WILDE-ARROYO SECO, SAN GABRIEL MTS.
50B	S	40-10	1155	34 11 52	118 11 05	L.A. CO. FIRE DEPT. PERSONNEL	312 WEST GEORGIAN ROAD, PASADENA
51	S	65-69	4010	34 18 06	117 50 20	B. J. BIERKE	FALLING SPRINGS RESORT, SAN GABRIEL CANYON, NORTH FORK, SAN GABRIEL MTS.
52D	SA	51-53	3300	34 15 58	118 08 37	U.S.F.S. PERSONNEL	SWITZER'S RANGER STATION - ARROYO SECO, SAN GABRIEL MTS.
53D	SA	62-89	3620	34 18 05	118 06 39	ELMERTA B. BENNETT	23828 NORTH ANGELES FOREST HIGHWAY, COLDWATER CANYON, SAN GABRIEL MTS.
54C	SP A	63-55	4325	34 20 55	118 02 54	DORIS TRUJILLO	ALDER CREEK ABOVE BIG TUJUNGA CANYON, SAN GABRIEL MTS.
57B-E	SP A	52-04	4250	34 15 18	118 05 41	ALEXANDER MORGAN	OPID'S (CAMP HI HILL), WEST FORK SAN GABRIEL RIVER, SAN GABRIEL MTS.
58	S	52-67	3275	34 13 21	118 01 52	LOUIS LUEBKERT	STURTEVANT CAMP, SANTA ANITA CANYON, SAN GABRIEL MTS.
60A	S AP	52-69	2600	34 12 32	118 02 02	LOUIS LUEBKERT	WINTER CREEK WEST OF SANTA ANITA CANYON, SAN GABRIEL MTS.
63C-E	SA	41-81	1400	34 11 03	118 01 12	D. RAINES	SANTA ANITA DAM, AT SANTA ANITA CANYON, SAN GABRIEL MTS.
66	S	41-54	658	34 09 27	118 02 36	RICHARD LAWYER	415 ORANGE GROVE AVENUE, SIERRA MADRE
67F	4 1/2"P	41-95	560	34 08 57	118 00 04	NEWS POST PERSONNEL	119 WEST PALM AVENUE, MONROVIA
68C	SA	42-12	1375	34 10 30	117 59 07	JAMES T. MC GOWAN, JR.	SAWPIT DAM, SAWPIT CANYON, SAN GABRIEL MTS.
70D	SA	42-93	770	34 09 46	117 54 15	JAMES R. RITTENHOUSE	8611 N. SAN GABRIEL CANYON ROAD, AZUSA
73	S	43-54	1165	34 09 22	117 50 57	DR. T. G. KENNARD	20747 PALM DRIVE, MOUTH OF ENGLEWILDE CANYON, GLENDORA
76B	S	54-57	1500	34 13 33	117 50 48	E. K. DEVORE	ABOVE SAN GABRIEL DAM, SAN GABRIEL CANYON, SAN GABRIEL MTS.
80B	ST	67-06	5640	34 20 20	117 41 30	L.A.C.F.C.D. PERSONNEL	PRAIRIE FORK, 2.5 MILES UPSTREAM FROM VINCENT GULCH, SAN GABRIEL MTS.
81B	ST	66-42	6590	34 22 26	117 45 05	L.A.C.F.C.D. PERSONNEL	ANGELES CREST HIGHWAY, AT VINCENT GAP, SAN GABRIEL MTS.
82F	S	67-11	7420	34 22 56	117 40 39	EARL IVIE	TABLE MOUNTAIN, NORTHEAST OF BIG PINES RECREATION PARK, SAN GABRIEL MTS.
83B	SA	67-12	6860	34 22 44	117 41 20	U.S.F.S. PERSONNEL	BIG PINES RECREATION PARK, ANGELES CREST HIGHWAY, SAN GABRIEL MTS.
85G	SA	56-46	4275	34 14 12	117 39 32	U.S.F.S. PERSONNEL	MT. BALDY GUARD STATION, SAN ANTONIO CANYON, SAN GABRIEL MTS.
87C	AP	44-33	1485	34 10 04	117 46 02	U.S.F.S. PERSONNEL	9252 NORTH MAINFORK, SAN DIMAS CANYON, SAN GABRIEL MTS.
89B-E	SA	44-24	1350	34 09 10	117 46 17	BILLY R. MC CARTY	SAN DIMAS CANYON, BELOW SAN DIMAS DAM
90	S	44-45	1680	34 09 00	117 45 32	HAROLD GEHRE	6025 BRYDON ROAD, LA VERNE
91	S	44-87	1408	34 07 22	117 43 11	CHARLES BLAKELY	2183 NORTH INDIAN HILL BOULEVARD, CLAREMONT
92	SA	32-90	1185	34 05 48	117 42 33	ROBERT J. CHAMBERS	POMONA COLLEGE AT BRACKETT OBSERVATORY, CLAREMONT
93B	8.81	32-60	1180	34 05 45	117 42 57	POLICE DEPARTMENT PERSONNEL	215 WEST SECOND STREET, CLAREMONT
95	S	43-99	955	34 06 26	117 48 19	L.A. CO. FIRE DEPT. PERSONNEL	114 EAST FIRST STREET, SAN DIMAS
96B-E	SA	31-90	1090	34 05 30	117 48 22	GEORGE H. SHEPHERD, JR.	PUDDINGSTONE DAM AT CARETAKER'S HOUSE, SAN JOSE HILLS
99B	S	43-06	615	34 07 57	117 53 32	C.A. MEYER	18352 EAST FOOTHILL BOULEVARD, AZUSA
101D	S	30-43	350	34 03 54	117 57 20	MRS. L. STARBLE	1332 SOUTH MEEKER AVENUE, WEST COVINA
102C	S	31-29	488	34 00 12	117 52 14	L.A. CO. FIRE DEPT. PERSONNEL	19711 EAST VALLEY BOULEVARD, WALNUT
106C	S	16-62	340	33 58 27	118 01 57	K. R. WARREN	13230 EAST PENN STREET, WHITTIER
107C	8.81	15-66	130	33 56 18	118 08 03	DOWNEY FIRE DEPT. PERSONNEL	11435 SOUTH DOWNEY AVENUE, DOWNEY
108D	SA	29-52	275	34 04 30	118 02 30	EL MONTE FIRE DEPT. PERSONNEL	3615 NORTH HOYT AVENUE, EL MONTE
109D	S	41-27	547	34 07 42	118 04 22	L.A. COUNTY FIRE DEPT. PERSONNEL	7225 NORTH ROSEMEAD BOULEVARD, SAN GABRIEL
110B	S	40-69	533	34 06 05	118 07 52	LE ROY MOELLER	SOUTHWEST CORNER OF GARFIELD AVENUE AND MC LEAN STREET, ALHAMBRA
111	SP	40-48	690	34 06 58	118 09 05	SO. PASADENA FIRE DEPT. PERSONNEL	1424 MISSION STREET, SOUTH PASADENA
116D	SA	13-43	135	33 57 54	118 21 15	INGLEWOOD FIRE DEPT. PERSONNEL	11 REGENT STREET, INGLEWOOD
117F	S	8-70	78	33 53 42	118 13 34	COMPTON FIRE DEPT. PERSONNEL	201 SOUTH ACACIA STREET, COMPTON
118C	S	3-40	40	33 47 27	118 15 30	GEORGE SWARTZ	401 EAST M STREET, WILMINGTON
119F	S	25-34	396	34 03 27	118 27 37	SECURITY GUARD PERSONNEL	NATIONAL MILITARY HOME, WILSHIRE BOULEVARD AND SEPULVEDA BOULEVARD, SAWTELLE
120	S	74-51	3135	34 29 17	118 08 27	L.A. CO. FIRE DEPT. PERSONNEL	1533 SIERRA HIGHWAY, VINCENT
122F	S	98-18	3200	34 37 12	118 17 08	RALPH RITTER	8801 CALVA STREET, PALMDALE, NORTH OF AMARGOSA CREEK
124B-E	AP	84-31	3050	34 35 14	118 21 45	D.W.P. PERSONNEL	NORTHWEST OF SPUNKY CANYON ROAD AND BOUQUET CANYON ROAD, ABOVE BOUQUET RESERVOIR
125B	SP	83-40	2105	34 35 25	118 27 15	D.W.P. PERSONNEL	POWER PLANT NO. 1, UPPER SAN FRANCISQUITO CANYON, SIERRA PELONA
126B	S	12-40	55	33 59 32	118 27 39	L.A. CO. FIRE DEPT. PERSONNEL	FIRE STATION, 1930 SHELL AVENUE, VENICE
127B	SP	70-71	1511	34 28 55	118 31 32	EDWARD FIELDS	DRY CANYON DAM, 2 MILES ABOVE SAN FRANCISQUITO CANYON ROAD, NORTH OF SAUGUS
128B	SA	95-39	2075	34 36 28	118 33 40	ARTHUR L. STEWART	WARM SPRINGS CAMP, 38200 NORTH LAKE HUGHES ROAD, CASTAIC
130B	S	106-85	4025	34 44 37	118 42 43	PHILIP B. GOODELL	47376 OLD RIDGE ROUTE, SANDBERG, LIEBRE MOUNTAIN
134B	S	44-27	1215	34 07 42	117 46 42	A. L. STEVENS	1666 ALDERSGATE DRIVE, LA VERNE
135	S	10-30	85	33 53 52	118 04 00	C.J. HARGITT	12450 MAPLEDALE STREET, NORWALK
140C	AP	25-55	250	34 02 43	118 26 55	L.A. CITY PERSONNEL	1650 SOUTH PURDUE AVENUE, WEST LOS ANGELES
143B	S	42-96	610	34 08 03	117 54 17	ARTHUR H. BROWN	CITY HALL, 213 EAST FOOTHILL BOULEVARD, AZUSA
144	S	41-52	1100	34 10 34	118 02 32	CHARLES ASKEW	BELOW SIERRA MADRE DAM, SIERRA MADRE CANYON, NORTH OF SIERRA MADRE
155C	S	75-70	3120	34 29 45	118 01 33	USFS PERSONNEL	BELOW LITTLE ROCK DAM, 32900 CHESEBORO ROAD, PALMDALE
156	SA	10-81	86	33 53 13	118 00 56	D. M. LANGLEY	14758 ALONDRA BOULEVARD, LA MIRADA
157B	S AP	12-88	150	33 54 57	118 25 05	DON MORGAN	STANDARD OIL REFINERY, EL SEGUNDO BOULEVARD AND CONCORD STREET, EL SEGUNDO
158	SP AP	55-39	2750	34 12 20	117 45 40	U.S.F.S. PERSONNEL	TANBARK FLATS, WEST FORK SAN DIMAS CANYON, SAN GABRIEL MTS.
167B	S	41-64	611	34 09 31	118 02 02	E. C. PULSIFER	67 WEST ORANGE GROVE AVENUE, ARCADIA
169	SP	41-63	700	34 09 47	118 02 21	CHARLES ASKEW	621 EAST SIERRA MADRE BOULEVARD, SIERRA MADRE
170D	S	29-15	285	34 02 34	118 04 50	GORDON SMITH	1118 NORTH WALNUT GROVE AVENUE, SOUTH SAN GABRIEL
172B	S	42-35	548	34 08 26	117 58 02	JACK L. LONGRESS	1101 SOUTH OAK STREET, DUARTE
174	S	43-86	960	34 07 57	117 49 09	L. A. WARREN	2305 EAST ALOSTA AVENUE, GLENDORA
175B	S	50-87	2020	34 13 39	118 12 40	LA CANADA IRRIG. DIST. PERSONNEL	ALTA CANADA ROAD AND DEL ORO DRIVE, LA CANADA
176	SP	40-61	1125	34 10 55	118 08 15	MAXINE LONG	583 SACRAMENTO STREET, ALTADENA
177F	S	51-09	1260	34 12 14	118 11 40	J. P. AP ROBERTS	4603 ORANGE KNOLL, LA CANADA
178C	SA	43-18	620	34 06 38	117 52 50	L.A.C.F.C.D. PERSONNEL	5402 BEN LOMOND AVENUE, GLENDORA
179G	SA	41-32	1180	34 10 25	118 03 38	L.A.C.F.C.D. PERSONNEL	BAILEY CANYON ABOVE DEBRIS DAM, SIERRA MADRE
185	S	43-46	822	34 08 23	117 51 33	MRS. L. M. WEST	460 EAST BENNETT STREET, GLENDORA
190B	SA	59-37	1490	34 19 46	118 28 00	PAUL ARIAS	15501 WEST FOOTHILL BOULEVARD, SAN FERNANDO
191B	SA	28-03	400	34 03 46	118 11 54	L.A.C.F.C.D. PERSONNEL	2250 ALCAZAR STREET, LOS ANGELES
192C	8.81	15-12	145	33 56 45	118 11 16	CHIEF J. H. CARROLL	6320 PINE AVENUE, BELL
193B	S	31-21	580	34 04 57	117 52 29	W. B. TEMPLE	19248 PUENTE STREET, COVINA
196B	8.81	44-29	1050	34 06 03	117 46 12	J. G. HENDRICKS	2061 THIRD STREET, LA VERNE
198C	8.81	39-21	925	34 11 04	118 16 32	L.A.C.F.C.D. PERSONNEL	BRAND CANYON AT BRAND DEBRIS BASIN, VERDUGO MTS., GLENDALE
199D	S	14-71	175	33 59 00	118 13 47	CHIEF E. WALTON	6301 SANTA FE AVENUE, HUNTINGTON PARK
200	S	70-27	1096	34 25 21	118 34 26	J. W. BECK	SOUTHERN CALIFORNIA EDISON COMPANY SUBSTATION, 2.5 MILES WEST OF SAUGUS
201B	SA	17-00	840	33 59 40	117 59 31	DR. E. B. MC GREGOR	14765 HOLLYTREE ROAD, HACIENDA HEIGHTS

TABLE VIII (Continued)

RAIN GAGE STATION LOCATION

SEASON 1965–66

STA. NO.	TYPE GAGE	QUAD INDEX	ELEV. OF GAGE	NORTH LAT. ° ' "	WEST LONG. ° ' "	OBSERVER	LOCATION
208B	S	10-13	52	33 51 48	118 04 58	L. A. CO. FIRE DEPT. PERSONNEL	18641 SOUTH CORBY AVENUE, ARTESIA
210B	SA	39-21	1250	34 11 18	118 16 20	L.A.C.F.C.D. PERSONNEL	BRAND PARK, VERDUGO MTS. GLENDALE
213F	SA	26-43	175	34 03 50	118 21 25	L.A.C.F.C.D. PERSONNEL	HANCOCK PARK, 5801 WILSHIRE BOULEVARD, LOS ANGELES
216	SP	39-43	615	34 09 54	118 15 01	J. E. JONES	319 EAST RANDOLPH STREET, GLENDALE
219	S	48-94	955	34 15 21	118 24 24	L.A. CO. FIRE DEPT. PERSONNEL	12605 OSBORNE AVENUE, PACOIMA
222C	SP	38-10	717	34 11 39	118 23 17	D.W.P. PERSONNEL	11803 VAN OWEN STREET, NORTH HOLLYWOOD
223B-E	SA	43-83	1575	34 10 06	117 48 36	GERALD M. THRASHER	BELOW BIG DALTON DAM AT CARETAKER'S HOUSE
224B	S	4-03	180	33 46 06	118 11 28	J. R. SMITH	FIRST STREET AND PINE AVENUE, LONG BEACH
225	S	9-85	47	33 50 35	118 07 09	E. W. SMEATON	MONTANA RANCH, 5812 EAST ARBOR ROAD, LAKEWOOD
226B	S	38-91	680	34 10 58	118 18 23	CHIEF W. J. TAYLOR	353 EAST OLIVE STREET, BURBANK
227D	S	40-99	472	34 06 18	118 06 32	A. E. BRUINGTON	636 WEST HERMOSA DRIVE, SAN GABRIEL
228B	S AP	26-02	290	34 04 27	118 23 57	F. E. POWER	CITY HALL, 450 NORTH CRESCENT DRIVE, BEVERLY HILLS
235C	SP A	41-10	2550	34 11 38	118 05 17	L. A. CO. FIRE DEPT. PERSONNEL	HENNIGER FLATS NEAR MT. WILSON TOLL ROAD
237C-E	SP	37-49	865	34 06 21	118 27 13	D. W. P. PERSONNEL	STONE CANYON RESERVOIR, 1680 STONE CANYON ROAD, LOS ANGELES
238	SP	38-68	750	34 07 04	118 19 55	D. W. P. PERSONNEL	HOLLYWOOD DAM, SANTA MONICA MTS.
241C	S	4-03	116	33 46 12	118 11 32	O. LEE MAYES	CITY HALL, 205 SOUTH BROADWAY, LONG BEACH
246B	SP	26-18	75	34 01 00	118 23 17	CITY OF CULVER CITY PERSONNEL	9815 JEFFERSON BOULEVARD, CULVER CITY
250D	SA	74-05	2625	34 27 02	118 11 55	JOHN V. HEDGECOCK	SOLEDAD AND ARRASTRE CANYON ROADS, ACTON
251B	S	50-67	1565	34 13 16	118 14 13	LA CRESCENTA VALLEY WATER DIST.	2700 FOOTHILL BOULEVARD, LA CRESCENTA
254B	S	30-69	380	34 00 12	117 56 19	JEAN E. WARD	16838 VALLEY BOULEVARD, LA PUENTE
255D	S	31-65	780	34 02 58	117 50 14	WILLIAM TICE	MT. SAN ANTONIO COLLEGE, 1100 NORTH GRAND AVENUE, WALNUT
256C	S	32-44	844	34 03 16	117 45 10	POMONA FIRE DEPT. PERSONNEL	590 SOUTH PARK AVENUE, POMONA
257	S	39-17	850	34 07 18	118 17 04	JOHN M. JEFFERS	2650 NORTH COMMONWEALTH AVENUE, GRIFFITH PARK NURSERY, LOS ANGELES
259D	SA	47-02	1275	34 16 43	118 35 41	D. C. CULBREATH	11642 COMANCHE TRAIL, TWIN LAKES PARK, CHATSWORTH
261B-E	SA	73-20	2910	34 29 31	118 16 30	J. C. FASSOLD	8144 ESCONDIDO CANYON ROAD, 5.5 MILES NORTHWEST OF ACTON
263F	S	32-37	820	34 01 34	117 46 06	RICHARD RIVERA	2500 SOUTH GAREY AVENUE, POMONA
264B	SA	59-81	1850	34 22 55	118 24 40	R. G. HANNUM	EAST OF SAND CANYON ROAD AND PLACERITA CANYON ROAD JUNCTION, SAN GABRIEL MTS.
265D	S	17-74	645	33 57 08	117 55 26	P. J. WEISEL, JR.	1500 FULLERTON AVENUE, PUENTE HILLS
269C	SP AP	18-80	870	33 59 40	117 48 54	U.S.C.E. PERSONNEL	DIAMOND BAR HORSE CAMP, DIAMOND BAR BOULEVARD, PUENTE HILLS
270C	S	15-37	90	33 55 18	118 09 44	R. BASSETT	7621 BONITA STREET, DOWNEY
272D	S	38-94	470	34 09 21	118 18 02	J. V. ELLERMAN	5201 ZOO DRIVE, LOS ANGELES
274B	SP	85-67	3490	34 31 31	118 13 58	MRS. GUY S. LEE	5701 SHANNON VALLEY ROAD, ACTON
275	3" P	40-87	670	34 07 38	118 06 48	DAVID BRUCE	1151 OXFORD ROAD, SAN MARINO
277	S	108-17	3700	34 43 15	118 35 00	JACK BARNETT	25202 WEST PINE CANYON ROAD, 8.7 MILES NORTHWEST OF LAKE HUGHES POST OFFICE
278B	S	26-86	203	34 02 00	118 18 46	FRANK ORDON	CLARK MEMORIAL LIBRARY, 2205 WEST ADAMS STREET, LOS ANGELES
280B	SA	40-01	1345	34 10 57	118 11 47	L.A. CO. FIRE DEPT. PERSONNEL	1028 INVERNESS DRIVE, FLINTRIDGE FIRE STATION, FLINTRIDGE
283C	SA	65-58	5370	34 19 02	117 50 28	U.S.F.S. PERSONNEL	CRYSTAL LAKE, AT PINE FLAT, NEAR U.S.F.S. STATION
284D	S	59-22	1485	34 22 37	118 28 43	SAM HURT	GOLDEN OAK RANCH, PLACERITA CANYON, EAST OF NEWHALL
285C	S	25-11	1025	34 05 10	118 28 57	MARTIN BULLINGER	12001 CHALON ROAD, WEST LOS ANGELES, SANTA MONICA MTS.
287	SP	43-36	782	34 08 22	117 51 54	O. J. HAMMER	224 NORTH GLENDORA AVENUE, GLENDORA
289	SP	15-52	140	33 58 37	118 08 48	S.C.E. CO.PERSONNEL	6301 SOUTH GARFIELD AVENUE, BELL
290B	S	28-75	305	34 02 27	118 07 42	CHIEF H. C. MOORE	2001 SOUTH GARFIELD AVENUE, MONTEREY PARK
291	SA	14-45	121	33 56 56	118 15 17	D.W.P. PERSONNEL	96TH STREET AND CENTRAL AVENUE, LOS ANGELES
292D-E	S AP	36-85	1075	34 08 56	118 30 57	PAUL CUNNINGHAM	ENCINO DAM, ONE MILE SOUTHWEST OF ENCINO, SANTA MONICA MTS.
293-E	SP	48-11	1150	34 17 18	118 28 54	C. W. CARNEY	VAN NORMAN LAKE, LOWER DAM, SAN FERNANDO
294B	SP	41-53	985	34 10 11	118 02 51	CHARLES ASKEW	MIRA MONTE AVENUE AND MT. WILSON ROAD, SIERRA MADRE
295G	S	39-34	530	34 09 07	118 15 40	R. STAPENHORST	409 WEST LEXINGTON AVENUE, GLENDALE
298B	S	105-61	3680	34 47 16	118 49 55	DEWEY RALPH	46901 NORTH GOLDEN STATE HIGHWAY, ONE MILE EAST OF GORMAN
299D	S	88-26	2815	34 32 07	117 58 27	MRS. LENA SCHWAB	8660 EAST AVENUE T8, LITTLE ROCK
303F	SA	40-76	600	34 08 14	118 07 25	DR. N. H. BROOKS	1201 EAST CALIFORNIA STREET, PASADENA
304	SA	42-30	2690	34 11 38	117 57 52	JAMES T. MC GOWAN JR.	DEER PARK, 1.5 MILES ABOVE SAWPIT DAM, SAN GABRIEL MTS.
306F	S	21-56	25	34 01 52	118 50 30	F. R. SLOCUM	30825 PACIFIC COAST HIGHWAY, MALIBU
311b	SP AP	40-43	918	34 09 48	118 09 27	MESSRS. CRAIG AND OKUBO	10383 MENTONE STREET, PASADENA
312B	S	42-85	682	34 08 54	117 54 48	A. S. BLAIR	ONE MILE NORTHWEST OF AZUSA, 615 WEST SIERRA MADRE AVENUE, AZUSA
321-E	S	96-72	3286	34 40 24	118 25 45	L.A. CO. FIRE DEPT. PERSONNEL	17021 WEST ELIZABETH LAKE ROAD BETWEEN ELIZABETH AND HUGHES LAKES
322	S	110-48	2600	34 42 50	118 21 15	E. S. MUNZ	12701 WEST LANCASTER ROAD, LANCASTER
334B-E	SA	53-45	2300	34 14 37	117 57 35	H. E. WILSON	COGSWELL DAM, WEST FORK, SAN GABRIEL CANYON, SAN GABRIEL MTS.
336-E	SP AP	39-39	455	34 06 08	118 15 54	D.W.P. PERSONNEL	SILVER LAKE RESERVOIR, LOS ANGELES
338A	S	52-47	5675	34 13 32	118 03 21	T. CRAGG	75 FEET SOUTHWEST OF 60-INCH TELESCOPE, MT. WILSON, SAN GABRIEL MTS.
338B	SP A	52-37	5709	34 13 36	118 03 57	MRS. R. SLATLEM	POST OFFICE, MT. WILSON, SAN GABRIEL MTS.
339	SP	31-49	533	34 00 13	117 51 09	DR. HOMER YORK	20651 EAST LYCOMING ROAD, WALNUT
341	S	74-44	2900	34 27 33	118 09 20	GEORGE J. BLUM	31880 N. ALISO CANYON ROAD, EAST OF ACTON
342B	S	45-28	1508	34 07 08	117 40 45	ALBERT PETERSON	1526 NORTH BENSON STREET, UPLAND
347-E	S	30-30	366	34 05 36	117 57 40	L.A.C.F.C.D. PERSONNEL	SCOTT PLACE, ONE AND ONE HALF BLOCKS WEST OF MAIN STREET, BALDWIN PARK
349D	8.81	54-35	1510	34 14 28	117 51 45	L.A.C.F.C.D. PERSONNEL	WEST FORK, SAN GABRIEL BELOW NORTH FORK, SAN GABRIEL MTS.
352B	SA	21-22	1620	34 04 38	118 52 47	L.A. CO. FIRE DEPT. PERSONNEL	LECHUSA PATROL STATION, 1832 SOUTH DECKER ROAD, MALIBU
355B	S AP	27-01	340	34 05 14	118 17 28	JAMES V. VERNON	855 NORTH VERMONT AVENUE, LOS ANGELES CITY COLLEGE, LOS ANGELES
356C	SA	31-95	690	34 02 31	117 48 35	R. S. HUTCHISON	PACIFIC STATE HOSPITAL, 3530 POMONA BOULEVARD, SPADRA
357	SP AP	59-08	1248	34 18 49	118 29 30	D.W.P. PERSONNEL	POWER HOUSE NO. 3, VAN NORMAN LAKE, UPPER DAM, SAN FERNANDO
363C	ST	59-44	3175	34 21 17	118 27 00	L.A.C.F.C.D. PERSONNEL	WILSON CANYON, SOUTH OF SANTA CLARA TRUCK TRAIL, SAN GABRIEL MTS.
364	S	50-23	2450	34 15 50	118 16 13	J. P. KINDRED	50 FEET EAST OF U.S.G.S. GAGING STSTION, HAINES CANYON, SAN GABRIEL MTS.
365C	SP	50-63	5040	34 16 05	118 14 06	U.S.F.S. PERSONNEL	SOUTH SLOPE OF MT. LUKENS, SAN GABRIEL MTS.
367	SP A	50-42	3440	34 15 18	118 15 07	J. P. KINDRED	HEAD OF HAINES CANYON, ABOVE DIVERSION DAM, SAN GABRIEL MTS.
372	SP A	82-76	1580	34 32 02	118 31 27	CHIEF J. L. COX	SAN FRANCISQUITO CANYON, POWER HOUSE NO. 2, NORTHEAST OF SAUGUS
373B	SA	50-76	2225	34 14 17	118 13 27	R. T. SIENS	2202 SHIELDS AVENUE, LA CRESCENTA
377F	SP	33-25	960	34 08 26	118 52 31	WILLIAM D. FURGUSON	LAKE SHERWOOD, AT FIRE STATION, VENTURA COUNTY
379B	SA	54-96	1600	34 14 09	117 48 18	E. K. DE VORE	SAN GABRIEL CANYON-EAST FORK, 2.7 MILES ABOVE FORKS, SAN GABRIEL MTS.
386C	S	21-71	1500	34 04 58	118 49 38	BEATRICE OAKLEY	505 SOUTH VERA CANYON ROAD, MALIBU, SANTA MONICA MTS.
387B	SP	31-01	508	34 05 02	117 53 57	CARMEN BORROSCO	227 SOUTH HOLLENBECK AVENUE, COVINA
388C	8.81	9-30	70	33 53 30	118 09 36	L.A. CO. FIRE DEPT. PERSONNEL	15538 SOUTH COLORADO AVENUE, PARAMOUNT
389B	SP	43-35	835	34 08 50	117 52 01	FRANK H. BROWN	229 WEST SIERRA MADRE AVENUE, GLENDORA
390B-E	SP	43-21	1210	34 10 53	117 52 43	DAVID S. BLACKHURST	MORRIS DAM, SAN GABRIEL CANYON, SAN GABRIEL MTS.
391C	8.81	28-98	250	34 01 08	118 06 15	CHIEF L. R. BEECH	600 NORTH MONTEBELLO BOULEVARD, MONTEBELLO
394	S	40-28	620	34 07 06	118 10 39	MRS. ELIZABETH S. STEVENS	6425 ELGIN STREET, HIGHLAND PARK, LOS ANGELES
395B	S	59-57	1425	34 19 29	118 26 55	JOSEPH N. JARBOE	OLIVE VIEW SANITARIUM, FOOTHILL BOULEVARD AND COBALT AVENUE, SAN FERNANDO
402F	SA	65-24	6780	34 21 21	117 52 34	L.A.C.F.C.D. PERSONNEL	CEDAR SPRING, 3 MILES WEST OF MT. ISLIP, SAN GABRIEL MTS.
405B	S	73-06	2150	34 25 23	118 17 33	B. CHAPMAN	11.7 MILES EAST OF SOLEMINT ON SOLEDAD CANYON ROAD
406C	S	42-88	505	34 06 53	117 54 56	OLIVER ENGLER	17018 EAST GLADSTONE STREET, WEST AZUSA
407-E	S AP	58-82	1325	34 22 13	118 30 48	U.S.F.S. PERSONNEL	U.S.F.S. DISTRICT HEADQUARTERS, 23810 SAN FERNANDO ROAD, NEWHALL
409	S	93-12	2505	34 40 34	118 46 47	W. M. PRICE	18 MILES NORTH OF CASTAIC JUNCTION ON EAST SIDE OF GOLDEN STATE HIGHWAY
415	SA	4-30	140	33 47 49	118 10 03	GEORGE I. OSBORN	CITY HALL, 2175 CHERRY AVENUE, SIGNAL HILL
419B	ST	61-92	5420	34 22 36	118 12 23	L.A.C.F.C.D. PERSONNEL	PACOIMA CANYON ON SANTA CLARA RIDGE, WEST OF MT. GLEASON, SAN GABRIEL MTS.
420C	S	74-07	3000	34 25 41	118 11 52	C. C. BREVIDORO	3.3 MILES SOUTH OF ACTON ON MT. GLEASON TRUCK TRAIL
422G	S	60-25	2075	34 20 51	118 22 20	JAMES F. CHAMPION	TWO MILES ABOVE PACOIMA DAM ON LITTLE TUJUNGA ROAD, SAN GABRIEL MTS.
423A	S	75-08	3810	34 24 56	118 05 27	E. W. SCRIBNER	29047 NORTH ALISO CANYON ROAD, SAN GABRIEL MTS.
425B-E	SA	54-39	1481	34 12 19	117 51 38	ORBIN R. WATKINS	SAN GABRIEL DAM, NEAR SPILLWAY, SAN GABRIEL MTS.
432	S	52-89	2035	34 12 32	118 01 03	LOUIS LUEBKERT	SANTA ANITA CANYON, FERN LODGE, SAN GABRIEL MTS.
433C	SA	51-69	1585	34 12 15	118 08 18	L.A.C.F.C.D. PERSONNEL	FAIR OAKS DEBRIS BASIN, ALTADENA
434	SA	34-46	800	34 06 08	118 45 06	L.A. CO. FIRE DEPT. PERSONNEL	MALIBU DIVISION HEADQUARTERS, 4206 NORTH CORNELL ROAD, AGOURA
435	SA	23-02	600	34 04 41	118 41 35	L. A. CO. FIRE DEPT. PERSONNEL	MONTE NIDO PATROL STATION, 25801 WEST PIUMA ROAD, SANTA MONICA MTS.
436C	AP	49-03	1110	34 16 08	118 23 59	U.S.C.E. PERSONNEL	10960 BORDEN AVENUE, SAN FERNANDO, NORTHEAST OF HANSEN DAM
437	S	4-20	40	33 47 31	118 10 16	L.A.C.F.C.D. PERSONNEL	HAMILTON BOWL, 1911 WALNUT AVENUE, LONG BEACH
440C	S	63-87	5155	34 19 42	118 01 00	U.S.F.S. PERSONNEL	U.S.F.S. STATION, CHILAO, SAN GABRIEL MTS.
441D-E	S	86-82	2662	34 34 25	118 06 45	ROAD DEPT. PERSONNEL	COUNTY ROAD DEPARTMENT MAINTENANCE YARD, 38126 SIERRA HIGHWAY, PALMDALE
442C	S	78-61	3570	34 29 05	117 44 10	W. P. WEBSTER	33008 NORTH 223RD STREET EAST, LLANO
443B	S	21-80	1700	34 05 35	118 48 52	A. O. BEACH	274 SOUTH BACKUS ROAD, MALIBU, SANTA MONICA MTS.
444F-E	SA	2-52	400	34 46 47	118 20 35	BOTANIC GARDENS PERSONNEL	26701 ROLLING HILLS ROAD, ROLLING HILLS ESTATES
445B	S AP	44-56	1510	34 08 02	117 44 38	L.A.C.F.C.D. PERSONNEL	LIVE OAK DAM, NORTH OF LA VERNE
446	SA	58-48	2367	34 18 53	118 33 25	TIDEWATER OIL CO. PERSONNEL	5.5 MILES NORTH OF DEVONSHIRE STREET IN ALISO CANYON, SANTA SUSANA MTS.
447C	S	23-56	50	34 02 18	118 38 56	L.A. CO. FIRE DEPT. PERSONNEL	3970 CARBON CANYON ROAD, MALIBU
449B	S AP	41-03	880	34 10 06	118 05 33	JOHN C. BARR	EATON DAM, 2984 EAST NEW YORK DRIVE, PASADENA

TABLE VIII (Continued)

RAIN GAGE STATION LOCATION

SEASON 1965-66

STA. NO.	TYPE GAGE	QUAD INDEX	ELEV. OF GAGE	NORTH LAT. ° ' "	WEST LONG. ° ' "	OBSERVER	LOCATION
451C-E	SP A	69-93	1065	34 27 55	118 36 30	G. D. GUISE	29300 GOLDEN STATE HIGHWAY, SAUGUS, EAST OF CASTAIC CREEK
453C	S AP	40-21	1090	34 11 08	118 10 19	RICHARD E. GARRISON	DEVIL'S GATE DAM, 1055 LA CANADA-VERDUGO ROAD, PASADENA
455B	S	99-61	2395	34 40 57	118 08 02	L. R. POTTER	STATE HIGHWAY MAINTENANCE YARD, 44023 SIERRA HIGHWAY, LANCASTER
456	S	102-54	2680	34 39 02	117 50 57	L. SCHOENBERGER	PIUTE BUTTE, 15701 EAST AVENUE M, LANCASTER
458	SA	22-08	115	34 01 10	118 47 46	L. A. CO. FIRE DEPT. PERSONNEL	28722 PACIFIC COAST HIGHWAY, MALIBU
460B	S	76-64	3980	34 27 34	117 55 57	NOEL NEAL	PLEASANT VIEW MESA, 30900 HARMONY LANE, EAST OF 106TH STREET EAST
461	S	26-29	392	34 00 08	118 22 32	G. D. ASHDOWN	NORTH OF SLAUSON AVENUE, WEST OF LA BREA AVENUE, BALDWIN HILLS
462B	S	25-45	185	34 02 54	118 24 06	C. PRIDAY	HILLCREST COUNTRY CLUB, 10000 PICO BOULEVARD, LOS ANGELES
463B	S	25-78	92	34 00 09	118 25 32	DARRELL CRABTREE	11507 CHARNOCK ROAD, MAR VISTA, LOS ANGELES
465C	AP	37-33	683	34 10 06	118 28 11	U.S.C.E. PERSONNEL	SEPULVEDA DAM, NORTH OF VENTURA BOULEVARD, WEST OF SEPULVEDA BOULEVARD, VAN NUYS
466B	SA	60-54	3220	34 21 07	118 20 38	JAMES F. CHAMPION	PACOIMA CANYON, DUTCH LOUIE CANYON, SAN GABRIEL MTS.
468	8.81	50-77	1600	34 13 18	118 13 45	L.A.C.F.C.D. PERSONNEL	PICKENS DEBRIS BASIN 4528 BRIGGS AVENUE LA CRESCENTA
470	SA	63-01	4600	34 23 09	118 05 25	L.A.C.F.C.D. PERSONNEL	NEAR TIE CANYON DIVIDE, MILL CREEK, TUJUNGA, MILL CREEK, SAN GABRIEL MTS.
471	AP	60-98	2750	34 18 57	118 18 02	U.S.C.E. PERSONNEL	GOLD CREEK TRUCK TRAIL, ABOVE WATTS RANCH, LITTLE TUJUNGA, SAN GABRIEL MTS.
474B	S	14-84	130	33 57 16	118 12 43	V. J. ALLMENDINGER	8917 STATE STREET, SOUTH GATE
475	S	70-58	1150	34 24 56	118 32 51	NEWHALL LAND AND FARMING COMPANY	OFFICE, WEST OF SAUGUS
476F	S	34-17	800	34 07 20	118 47 10	RAY SKIDGEL	TRIUNFO CANYON, 2748 NORTH TRIUNFO CANYON ROAD, CORNELL, SANTA MONICA MTS.
477D	SA	53-18	4655	34 12 52	117 58 56	H. E. WILSON	WEST OF SPRING CAMP AT HEAD OF EAST FORK, SANTA ANITA CANYON, SAN GABRIEL MTS.
478	SP	77-45	3710	34 26 44	117 51 10	U.S.F.S. PERSONNEL	U.S.F.S. HEADQUARTERS, PEARBLOSSOM HIGHWAY, WEST OF BIG ROCK CREEK, VALYERMO
480B	S	41-49	404	34 06 31	118 03 25	L. A. CO. FIRE DEPT. PERSONNEL	5946 KAUFFMAN AVENUE, TEMPLE CITY
482	S	27-17	208	34 01 14	118 17 15	STANLEY S. BUTLER	CIVIL ENGINEERING BUILDING, U.S.C., 920 WEST 36TH PLACE, LOS ANGELES
486B	SA	55-83	3960	34 15 49	117 42 41	J. W. WIDMAN	COLDWATER CANYON, 3.5 MILES ABOVE JUNCTION WITH CATTLE CANYON, SAN GABRIEL MTS.
488B	S	49-20	1450	34 17 45	118 22 30	L. A. CO. FIRE DEPT. PERSONNEL	KAGEL CANYON ROAD AT DEXTER PARK, 12587 N. DEXTER PARK ROAD, SAN FERNANDO
489	S	23-40	1318	34 05 37	118 39 22	MISS B. E. STUNT	COLD CREEK CANYON, SOUTH OF CALABASAS PEAK, STUNT ROAD, SANTA MONICA MTS.
490C	S	101-42	2470	34 40 45	117 57 14	BERT LATONIO	9861 EAST AVENUE K, LANCASTER
491B	S	24-75	320	34 02 38	118 31 36	MRS. C. D. CLEARWATER	855 VIA DE LA PAZ, PACIFIC PALISADES, SANTA MONICA
492B	SA	63-98	5280	34 19 02	118 00 30	JOHN R. KAYLOR	STATE HIGHWAY MAINTENANCE STATION NEAR CHILAO, SAN GABRIEL MTS.
497	8.81P	44,67	1350	34 07 35	117 43 55	F. E. SLAUGHTER	4652 GLENWAY STREET, CLAREMONT
498	S	51-04	2800	34 15 21	118 11 45	U.S.F.S. PERSONNEL	ANGELES CREST HIGHWAY AT DARK CANYON TRAIL, SAN GABRIEL MTS.
508D	S	51-39	1220	34 12 33	118 10 12	U.S.F.S. PERSONNEL	ARROYO SECO CANYON AT EL PRIETO CANYON, U.S.F.S. RANGER STATION, SAN GABRIEL MTS.
517B	SA	77-17	4615	34 25 12	117 53 11	PHIL LEWIS	PLEASANT VIEW RIDGE, PALLETT CREEK, SOUTH OF VALYERMO
542-E	SP	109-79	3050	34 42 15	118 25 40	A. E. MAJORS	LOS ANGELES AQUEDUCT RESERVOIR, 45650 NORTH 170TH STREET WEST, FAIRMONT
560B	S	44-48	1235	34 06 57	117 45 04	LOUIE A. AMASON	240 AMHERST STREET, LA VERNE
564C	S	77-61	3390	34 29 13	117 50 02	R. BLAYLOCK	32810 165TH STREET EAST, LLANO
565B	AP	3-91	11	33 47 16	118 12 08	CITY OF LONG BEACH PERSONNEL	1601 SAN FRANCISCO STREET, LONG BEACH
566	SP AP	4-52	15	33 46 46	118 08 36	C. BOWER	1020 BELMONT STREET, LONG BEACH
575C	SP	4-02	63	33 46 28	118 11 28	J. W. TEED	6TH AND PINE STREETS, LONG BEACH
587B	SP	45-22	2390	34 10 24	117 40 31	S.C.E. CO. PERSONNEL	S. C. EDISON COMPANY POWER HOUSE NO. 1, SAN ANTONIO CANYON, SAN GABRIEL MTS.
588D	ST	51-97	4435	34 13 37	118 06 33	L.A.C.F.C.D. PERSONNEL	MT. LOWE, SAN GABRIEL MTS.
593B	SP	68-69	675	34 24 08	118 44 10	NEWHALL FARMING CO. PERSONNEL	NEWHALL RANCH, NEAR SANTA CLARA RIVER, VENTURA COUNTY
610B	SP	40-55	864	34 08 54	118 08 36	MESSRS. CRAIG AND OKUBO	CITY HALL, GARFIELD AVENUE AND RAMONA STREET, PASADENA
611C	8.81	40-81	1186	34 10 48	118 07 01	L.A.C.F.C.D. PERSONNEL	ALTADENA GOLF COURSE DEBRIS BASIN, ALTADENA
612	SP	51-39	1181	34 12 27	118 10 00	MESSRS CRAIG AND OKUBO	CHLORINE PLANT, MOUTH OF ARROYO SECO CANYON, PASADENA
613B	SP	40-46	780	34 07 48	118 09 12	PASADENA FIRE DEPT. PERSONNEL	900 SOUTH PASADENA AVENUE, PASADENA
617B	SP	32-23	833	34 03 58	117 46 21	J. E. ADAMSON	931 NORTH WEBER STREET, POMONA
619	S	56-29	3110	34 12 29	117 40 26	S.C.E. CO. PERSONNEL	SIERRA POWER HOUSE, SAN ANTONIO CANYON, 2½ MILES BELOW MT. BALDY POST OFFICE
627	SP	42-94	744	34 09 20	117 54 28	PASADENA WATER DEPT.	MOUTH OF SAN GABRIEL CANYON AT POWER HOUSE, AZUSA
634C	SP	25-08	94	34 00 43	118 29 27	MARSHALL R. PRESSEY	CITY HALL, 1685 MAIN STREET, SANTA MONICA
647H	SP	50-14	1790	34 15 14	118 17 15	MRS. VIRGINIA STEVENS	10204 COMMERCE AVENUE, TUJUNGA
662C	AP	9-27	95	33 49 46	118 10 36	O. LEE MAYES	3912 CERRITOS AVENUE, LONG BEACH
666C	S AP	9-02	55	33 52 20	118 11 55	LLOYD E. BALL	271 EAST NEECE STREET, LONG BEACH
672	SP	40-14	950	34 09 02	118 10 57	S.C.E. CO. PERSONNEL	7888 NORTH FIGUEROA STREET, EAGLE ROCK
673C	S	4-85	15	33 44 42	118 06 40	D.W.P. PERSONNEL	FIRST STREET AND OCEAN AVENUE, SEAL BEACH, ORANGE COUNTY
678	SP	40-32	1052	34 10 39	118 09 56	MESSRS CRAIG AND OKUBO	SHELDON RESERVOIR, NEAR MONTANA STREET AND ARROYO BOULEVARD, PASADENA
679	SP	30-27	314	34 01 14	117 58 40	DILLON WOOD	14935 EAST CLARK AVENUE, CITY OF INDUSTRY
680B	SP	25-53	500	34 04 10	118 26 30	F. A. ARSENAULT	U.C.L.A. CAMPUS, ROOF OF MATH.-SCIENCE BUILDING, WESTWOOD
681A	S	41-62	935	34 10 15	118 01 54	U.S.F.S. PERSONNEL	2225 NORTH SANTA ANITA DRIVE, SIERRA MADRE
683	SP AP	51-58	2110	34 12 53	118 08 47	U.S.F.S. PERSONNEL	SUNSET RIDGE GUARD STATION, 4000 CHANEY TRAIL, ALTADENA
695B	S	50-71	1850	34 17 12	118 13 32	U.S.F.S. PERSONNEL	2131 WEST BIG TUJUNGA ROAD, TUJUNGA
703	SP	39-54	609	34 09 00	118 14 27	P. T. MC INTYRE	315 NORTH ADAMS STREET, GLENDALE
705	SP	60-87	2330	34 19 48	118 19 03	J. M. SHIFFER	PARADISE RANCH, ALDER CREEK ABOVE LITTLE TUJUNGA CANYON, SAN GABRIEL MTS.
716	SP AP	27-64	306	34 03 09	118 14 13	D.W.P. PERSONNEL	410 DUCOMMUN STREET, LOS ANGELES
718B	SP	33-52	810	34 10 43	118 50 59	VENTURA CO. FIRE DEPT. PERSONNEL	67 ERBES ROAD, THOUSAND OAKS, VENTURA COUNTY
720B	SP	46-33	1085	34 15 40	118 40 10	VENTURA CO. FIRE DEPT. PERSONNEL	1262 CYPRESS STREET, SUSANA KNOLLS, VENTURA COUNTY
722C	S	98-67	2880	34 37 23	118 13 55	PHOEBE STONE	40780 NORTH 60TH STREET WEST, LANCASTER
724B	SP AP	43-92	1825	34 10 34	117 48 26	U.S.F.S. PERSONNEL	MONROE CANYON, ABOVE BIG DALTON DAM, SAN GABRIEL MTS.
725B	AP	36-90	728	34 11 29	118 30 17	U.S.C.E. PERSONNEL	VICTORY BOULEVARD AND BALBOA BOULEVARD, RESEDA
726B	S AP	51-16	2300	34 14 05	118 11 00	U.S.F.S. PERSONNEL	ANGELES CREST GUARD STATION AT ANGELES CREST HIGHWAY AND FALLS CANYON, ARROYO SECO
727B	S	52-86	4025	34 14 17	118 01 04	L.A.C.F.C.D. PERSONNEL	NEWCOMB PASS, 2½ MILES NORTHEAST OF MT. WILSON, SAN GABRIEL MTS.
728	SP	60-93	3175	34 21 42	118 18 25	U.S.F.S. PERSONNEL	PACOIMA CANYON BETWEEN NOEL AND GOOSEBERRY CANYON, SAN GABRIEL MTS.
730	SP	51-77	2950	34 13 30	118 07 47	U.S.F.S. PERSONNEL	NEAR DAWN MINE, MILLARD CANYON, ABOVE ARROYO SECO, SAN GABRIEL MTS.
731	SP	40-20	1080	34 11 47	118 10 29	U.S.F.S. PERSONNEL	OAK GROVE PARK, ABOVE DEVIL'S GATE DAM, PASADENA
732B	ST	53-77	4100	34 13 30	117 55 15	L.A.C.F.C.D. PERSONNEL	SOUTH OF SAN GABRIEL - WEST FORK, WEST OF PINE MOUNTAIN LOOKOUT
734B	SP AP	13-15	126	33 56 32	118 23 12	U.S.W.B. PERSONNEL	5900 AVION DRIVE, LOS ANGELES INTERNATIONAL AIRPORT
735F	S	46-49	975	34 12 20	118 39 15	LYNN MILSAP	7277 BRACKENRIDGE STREET, CANOGA PARK
740B	SP AP	45-00	5200	34 11 48	117 41 45	U.S.F.S. PERSONNEL	SAN DIMAS CANYON, FERN CANYON, FERN NO. 2, SAN GABRIEL MTS.
741	AP	44-50	2765	34 11 41	117 44 26	U.S.F.S. PERSONNEL	SAN DIMAS CANYON, UPPER EAST FORK, SAN GABRIEL MTS.
742C	SP	41-09	445	34 06 11	118 05 56	SAN GABRIEL FIRE DEPT. PERSONNEL	115 NORTH DEL MAR AVENUE, SAN GABRIEL
745B	SP	K. CO.	2680	35 02	118 09	RADIO STATION PERSONNEL	1.55 MILES ESE OF MOJAVE POST OFFICE, MOJAVE, KERN COUNTY
747	SP AP	106-75	4517	34 44 47	118 43 29	U.S.W.B. PERSONNEL	SANDBERG AIRWAYS, TOP OF BALL MOUNTAIN, SOUTHWEST OF GORMAN
749B	SP AP	38-51	655	34 11 11	118 20 54	BURBANK PUBLIC SERVICE	2030 NORTH HOLLYWOOD WAY, BURBANK
750	SP	100-18	2528	34 37 20	118 05 00	F.A.A. AIRPORT PERSONNEL	FEDERAL AVIATION AGENCY AIRPORT, 2505 EAST AVENUE P, PALMDALE
755	AP	39-17	900	34 07 32	118 16 58	CITY OF L. A. PERSONNEL	GRIFFITH PARK, LITTLE CANYON, SANTA MONICA MTS.
757	AP	38-98	750	34 07 12	118 18 20	CITY OF L. A. PERSONNEL	GRIFFITH PARK, FERN DELL, SANTA MONICA MTS.
758	AP	39-16	600	34 08 02	118 17 27	CITY OF L. A. PERSONNEL	GRIFFITH PARK AT FORMER ZOO GROUNDS
759B	8.81 AP	38-49	478	34 06 22	118 24 00	CITY OF L. A. & L.A.C.F.C.D. PERSONNEL	1944 NICHOLS CANYON ROAD, HOLLYWOOD
760	AP	37-95	680	34 08 29	118 24 26	CITY OF L. A. PERSONNEL	3913 GOODLAND AVENUE, STUDIO CITY
762	AP	37-47	943	34 07 27	118 27 15	CITY OF L. A. PERSONNEL	UPPER STONE CANYON, SANTA MONICA MOUNTAINS
763B	SP	37-28	1300	34 06 56	118 28 17	CITY OF L. A. PERSONNEL	SEPULVEDA CANYON, EAST FIRE ROAD NO. 19, SANTA MONICA MTS.
764	SP	37-58	900	34 06 42	118 26 58	CITY OF L. A. PERSONNEL	STONE CANYON, 10599 SELKIRK LANE, SANTA MONICA MTS.
766	AP	36-97	1625	34 07 38	118 30 03	CITY OF L. A. PERSONNEL	MANDEVILLE CANYON, FIRE ROAD NO. 24, SANTA MONICA MTS.
767	SP AP	36-99	1160	34 06 24	118 30 10	CITY OF L. A. PERSONNEL	3351 MANDEVILLE CANYON ROAD, SANTA MONICA MTS.
768	SP	36-77	1800	34 07 21	118 31 75	CITY OF L. A. PERSONNEL	SULLIVAN CANYON, FIRE ROAD NO. 25, SANTA MONICA MTS.
770B	AP	24-44	600	34 03 08	118 33 21	CITY OF L. A. PERSONNEL	SANTA YNEZ CANYON, PASEO MIRAMAR, SANTA MONICA MTS.
771	AP	24-94	265	34 03 06	118 30 32	CITY OF L. A. PERSONNEL	AT MOUTH OF RUSTIC CANYON, SANTA MONICA MTS.
772	AP	27-41	475	34 05 02	118 15 11	CITY OF L. A. PERSONNEL	1700 NORTH ECHO PARK BOULEVARD, LOS ANGELES
774	AP	27-52	450	34 04 31	118 14 46	CITY OF L. A. PERSONNEL	BARLOW SANITARIUM, 2000 STADIUM WAY, CHAVEZ RAVINE, LOS ANGELES
777	SP	25-13	418	34 03 45	118 28 51	CITY OF L. A. PERSONNEL	259 NORTH KENTER AVENUE, KENTER CANYON, SANTA MONICA MTS.
778B	SP	25-21	570	34 04 50	118 28 12	CITY OF L. A. PERSONNEL	11817 BELLAGIO ROAD, SEPULVEDA CANYON, SANTA MONICA MTS.
779	AP	39-05	625	34 08 48	118 17 48	CITY OF L. A. PERSONNEL	GRIFFITH PARK, LOWER MINERAL WELLS, SANTA MONICA MTS.
783	SP AP	51-28	1350	34 12 47	118 10 12	U.S.F.S. PERSONNEL	MOUTH OF COON CANYON IN ARROYO SECO, SAN GABRIEL MTS.
786	SP	51-37	2250	34 13 18	118 09 47	U.S.F.S. PERSONNEL	0.75 MILE ABOVE MOUTH OF COON CANYON IN ARROYO SECO, SAN GABRIEL MTS.
788	SP	51-38	1710	34 12 56	118 10 00	U.S.F.S. PERSONNEL	0.4 MILE ABOVE MOUTH OF COON CANYON IN ARROYO SECO, SAN GABRIEL MTS.
789	SP	51-47	2325	34 13 32	118 09 19	U.S.F.S. PERSONNEL	2.6 MILES NORTHWEST OF CHANEY TRAIL AND LOMA ALTA DRIVE, ALTADENA
793	SP	52-06	5300	34 14 21	118 05 55	U.S.F.S. PERSONNEL	MARKHAM SADDLE, 0.6 MILE WEST OF MT. WILSON, SAN GABRIEL MTS.
794-E	SP	25-80	585	34 05 43	118 24 40	D.W.P. PERSONNEL	LOWER FRANKLIN RESERVOIR, SANTA MONICA MTS.
795	SP	41-15	705	34 08 52	118 05 14	PASADENA W. D. PERSONNEL	NEAR COLORADO STREET AND KINNELOA AVENUE, PASADENA
796	AP	27-61	757	34 04 55	118 14 22	CITY OF L. A. PERSONNEL	REPOSA STREET AND AVALON PARK ROW, ELYSIAN PARK, LOS ANGELES
797	SP	47-12	1127	34 16 17	118 35 12	D.W.P. PERSONNEL	NORTH END OF DE SOTO STREET, NORTHEAST OF CHATSWORTH
799	SP	26-39	460	34 00 25	118 21 47	D.W.P. PERSONNEL	WEST OF LA BREA AVENUE AND SOUTH OF RODEO ROAD, BALDWIN HILLS

TABLE VIII (Continued)

RAIN GAGE STATION LOCATION

SEASON 1965-66

STA. NO.	TYPE GAGE	QUAD INDEX	ELEV. OF GAGE	NORTH LAT. ° ' "	WEST LONG. ° ' "	OBSERVER	LOCATION
801B	AP	60-71	4720	34 23 18	118 19 27	U.S.C.E. PERSONNEL	NORTH OF SANTA CLARA DIVIDE ON MAGIC MOUNTAIN, SAN GABRIEL MTS.
802B-E	SP	40-15	963	34 08 47	118 11 22	D.W.P. PERSONNEL	HILLMONT AVENUE AND CEDAREDGE AVENUE, EAGLEROCK
807	SP A	28-12	620	34 04 46	118 11 14	D.W.P. PERSONNEL	ASCOT RESERVOIR, LYNNFIELD STREET AND BOWMAN BOULEVARD, LOS ANGELES
1000	S	87-38	3263	34 30 48	118 03 37	L. A. BONES	3810 EAST AVENUE V, HUNT CANYON, SOUTHWEST OF LITTLE ROCK
1001B	S	52-55	3100	34 14 45	118 02 55	U.S.F.S. PERSONNEL	SAN GABRIEL RIVER, WEST FORK AT SHORTCUT CANYON, SAN GABRIEL MTS.
1005B	S	84-39	2300	34 30 35	118 21 40	L. A. CO. FIRE DEPT. PERSONNEL	13028 WEST SIERRA HIGHWAY, SAUGUS
1006	SA	3-05	150	33 44 37	118 17 47	K. C. STEELE	950 WEST FIRST STREET, SAN PEDRO
1007C	S	64-25	5920	34 20 39	117 58 39	R. O. STAVIG	CAMP VALCREST, ANGELES CREST HIGHWAY, NORTHEAST OF CHILAO
1008-E	SA	7-63	65	33 52 07	118 19 55	S.C.E. CO. PERSONNEL	17680 YUKON AVENUE, NORTH OF TORRANCE
1009	S	71-86	1625	34 26 04	118 26 06	JAMES W. DYER	MINT CANYON, 17262 SIERRA HIGHWAY, EAST OF SAUGUS
1010B	S	44-93	2120	34 09 36	117 42 07	L.A.C.F.C.D. PERSONNEL	PALMER CANYON, 1.5 MILES NORTH NORTHEAST OF THOMPSON CREEK DAM
1011B	S	2-44	1275	33 45 25	118 21 11	L. A. CO. FIRE DEPT. PERSONNEL	12 WEST CREST ROAD, PALOS VERDES HILLS, NORTHWEST OF SAN PEDRO
1012	S	69-96	1001	34 25 23	118 36 20	NEWHALL FARMING CO. PERSONNEL	CASTAIC JUNCTION, 27050 WEST SAUGUS AND VENTURA ROAD, VALENCIA
1013B	SA	61-39	1650	34 18 00	118 16 06	L.A.C.F.C.D. PERSONNEL	TUJUNGA CANYON, ABOVE GOLD CANYON, SAN GABRIEL MTS.
1014D-E	SA	15-90	155	33 59 25	118 06 33	W. ROPER	8020 EAST WASHINGTON BOULEVARD, RIVERA
1016B	S	34-63	1175	34 09 45	118 44 16	S. W. SWANSON	6223 NORTH FAIRVIEW DRIVE, AGOURA
1017B	SA	75-72	3280	34 28 41	118 01 24	L.A.C.F.C.D. PERSONNEL	LITTLE ROCK CREEK ABOVE LITTLE ROCK DAM, SAN GABRIEL MTS.
1018B	S	57-86	3340	34 20 18	118 36 44	C. DWYER	SANTA SUSANA MTS. AT HEAD OF DEVIL CANYON
1019	ST	57-34	2850	34 21 24	118 39 42	L.A.C.F.C.D. PERSONNEL	SANTA SUSANA MTS. AT HEAD OF SALT CANYON
1020B	S	45-05	1800	34 08 52	117 41 55	L. A. CO. FIRE DEPT. PERSONNEL	PADUA HILLS PATROL STATION, 4349 NORTH PADUA AVENUE, CLAREMONT
1022	S	69-12	1725	34 28 44	118 41 04	WESTERN GULF OIL CO. PERSONNEL	HASLEY CANYON, 5 MILES ABOVE JUNCTION WITH CASTAIC CREEK
1023B	S	36-27	1415	34 07 44	118 34 42	W. SPEER	SANTA MARIA ROAD, SOUTH OF MULHOLLAND HIGHWAY, SANTA MONICA MTS.
1025	S	22-86	160	34 02 00	118 42 42	PHILLIP DUNNE	24708 PACIFIC COAST HIGHWAY, MALIBU BEACH
1029	S	63-10	4970	34 23 25	118 04 50	G. TURNER	TIE CANYON DIVIDE, SOUTH OF ANGELES FOREST HIGHWAY, SAN GABRIEL MTS.
1030	ST	65-55	7520	34 20 50	117 49 57	L.A.C.F.C.D. PERSONNEL	BETWEEN MT. ISLIP AND LITTLE JIMMY SPRINGS, SAN GABRIEL MTS.
1031B	ST	64-66	7960	34 20 23	117 56 21	L.A.C.F.C.D. PERSONNEL	0.25 MILE EAST OF WATERMAN MOUNTAIN, SAN GABRIEL MTS.
1035	SA	16-40	280	33 59 52	118 03 10	WALTER J. WOOD	11508 EAST BEVERLY DRIVE, WHITTIER
1037-E	SA	41-45	565	34 08 48	118 02 59	DAN MARTEL	301 NORTH BALDWIN AVENUE, ARCADIA
1038B	ST	69-72	6680	34 22 40	118 01 44	L.A.C.F.C.D. PERSONNEL	SOUTHEAST OF PACIFICO MOUNTAIN, SAN GABRIEL MTS.
1039B	S	26-72	225	34 04 13	118 19 23	DR. DON MAC QUEEN	245 SOUTH LARCHMONT BOULEVARD, LOS ANGELES
1040	S	57-60	1150	34 23 50	118 38 18	SUNRAY DX OIL CO. PERSONNEL	26835 WEST PICO CANYON ROAD, WEST OF NEWHALL
1041B	AP	42-28	427	34 07 04	117 58 24	U.S.C.E. PERSONNEL	SANTA FE DAM, EAST OF SPILLWAY, SOUTH OF DUARTE
1046B	S	41-70	2175	34 11 46	118 01 20	LILA ADAMS	CHANTRY FLAT, SANTA ANITA CANYON, SAN GABRIEL MTS.
1048B	S	50-47	1410	34 13 27	118 15 23	B. HENLEY	3916 DUNSMORE AVENUE, LA CRESCENTA
1050	S	35-79	1010	34 06 29	118 37 41	FERMIN GRAY	1535 NORTH VALLEY DRIVE, TOPANGA, SANTA MONICA MTS.
1051B	SP	36-21	800	34 10 51	118 34 23	LEE HAINES	6201 WINNETKA AVENUE, C. W. PIERCE COLLEGE, CANOGA PARK
1052	SP	24-81	660	34 04 51	118 31 10	PAUL WEISS	3000 RUSTIC CANYON, B.S.A. CAMP JOSEPHO, SANTA MONICA MTS.
1053B	S	50-02	1400	34 16 40	118 17 53	H. BERMAN	11561 MT. GLEASON AVENUE, TUJUNGA
1054	S	59-87	1730	34 19 35	118 24 44	R. W. PRICE	13000 SAYRE AVENUE, SAN FERNANDO
1055B	S	56-92	7735	34 16 29	117 36 35	H. LEFFLER	2.1 MILES SOUTHEAST OF SAN ANTONIO PEAK, AT THE NOTCH, SAN BERNARDINO COUNTY
1057B	S	29-56	230	34 02 02	118 02 40	DORIS K. BULLION	1000 NORTH DURFEE AVENUE, WHITTIER NARROWS, EL MONTE
1058B	SP AP	87-01	2595	34 35 17	118 05 31	IRRIGATION DISTRICT PERSONNEL	2005 EAST AVENUE Q, PALMDALE
1059B	ST	65-98	7720	34 18 46	117 48 32	L.A.C.F.C.D. PERSONNEL	SOUTH MT. HAWKINS, EAST OF CRYSTAL LAKE, SAN GABRIEL MTS.
1060B	SA	76-28	4000	34 25 02	117 58 13	L.A.C.F.C.D. PERSONNEL	LITTLE ROCK CANYON AT SYCAMORE CAMP, SAN GABRIEL MTS.
1062	SA	64-85	6760	34 20 44	117 55 08	U.S.F.S. PERSONNEL	BUCKHORN FLAT, 1.25 MILES NORTHEAST OF WATERMAN MOUNTAIN, SAN GABRIEL MTS.
1063	S	75-00	3520	34 29 35	118 05 28	J. G. JOHNSTON	33458 ANGELES FOREST HIGHWAY, PALMDALE, SAN GABRIEL MTS.
1064B	ST	55-45	2050	34 14 28	117 45 36	L.A.C.F.C.D. PERSONNEL	SAN GABRIEL CANYON, EAST FORK, 1.2 MILES ABOVE CATTLE CANYON, SAN GABRIEL MTS.
1066B	AP	4-92	10	33 46 40	118 06 05	J. E. MC GINNIS	845 LEES STREET, LONG BEACH
1067	ST	75-35	4500	34 26 36	118 04 00	L.A.C.F.C.D. PERSONNEL	HEAD OF SANTIAGO CANYON, 2 MILES EAST OF ANGELES FOREST HIGHWAY, SAN GABRIEL MTS.
1068	S	21-31	1290	34 05 00	118 51 55	L. A. COUNTY SHERIFF PERSONNEL	CAMP NO. 3, RATTLESNAKE CANYON, SANTA MONICA MTS.
1069	ST	55-51	2775	34 16 59	117 44 48	L.A.C.F.C.D. PERSONNEL	SAN GABRIEL RIVER-EAST FORK, ABOVE DEVIL'S GULCH, SAN GABRIEL MTS.
1070	S	7-11	182	33 53 00	118 23 19	V. PADDOCK	6TH STREET AND ROWELL AVENUE, MANHATTAN BEACH
1071B-E	S	50-89	1325	34 12 07	118 12 46	MARK ANTHONY	1418 DESCANSO DRIVE, DESCANSO GARDENS, LA CANADA
1072	SP	49-30	1275	34 17 37	118 21 38	U.S.F.S. PERSONNEL	NORTH OF FOOTHILL BOULEVARD, LITTLE TUJUNGA CANYON, SAN GABRIEL MTS.
1073B	SP	87-36	2880	34 32 11	118 03 48	NORMAN E. ROSS	3624 EAST AVENUE T6, PALMDALE
1074	SA	62-52	5600	34 22 43	118 08 57	WILLIAM KALTRITER	WEST OF LITTLE GLEASON ON SANTA CLARA RIDGE, SAN GABRIEL MTS.
1075	AP	44-72	3625	34 10 13	117 43 16	U.S.F.S. PERSONNEL	SAN DIMAS EXPERIMENTAL FOREST AT HEAD OF WOLFSKILL CANYON, SAN GABRIEL MTS.
1076	SP	62-68	2850	34 19 04	118 07 50	ED LUSTER	23200 NORTH ANGELES FOREST HIGHWAY, SAN GABRIEL MTS.
1077B	S	42-03	962	34 09 58	117 59 37	MONROVIA W. D. PERSONNEL	CANYON BOULEVARD AND OAKGLADE DRIVE, MONROVIA
1078	SA	31-53	975	34 04 10	117 50 47	E. B. GRIFFITH	20951 EAST VIA VERDE, WEST COVINA
1079	8.81	40-70	1653	34 11 57	118 07 22	L.A.C.F.C.D. PERSONNEL	RUBIO DEBRIS DAM, NORTH OF ALTADENA, SAN GABRIEL MTS.
1080B	SA	42-34	935	34 09 23	117 57 58	L.A.C.F.C.D. PERSONNEL	BRADBURY DEBRIS BASIN, NORTH OF DUARTE, SAN GABRIEL MTS.
1081	S	39-50	1200	34 11 33	118 14 28	L.A.C.F.C.D. PERSONNEL	DEER DEBRIS BASIN, DEER CANYON, VERDUGO MTS.
1082	8.81	50-45	2275	34 14 52	118 15 06	L.A.C.F.C.D. PERSONNEL	DUNSMUIR DEBRIS BASIN, EAST OF TUJUNGA, SAN GABRIEL MTS.
1083	S	42-44	905	34 09 17	117 57 05	L.A.C.F.C.D. PERSONNEL	MADDOCK DEBRIS BASIN, MADDOCK CANYON, NORTH OF DUARTE, SAN GABRIEL MTS.
1085	8.81	49-78	1010	34 12 42	118 19 36	L.A.C.F.C.D. PERSONNEL	MC CLURE DEBRIS BASIN, NORTH OF BURBANK, VERDUGO MTS.
1086	8.81	16-71	495	33 59 18	118 01 30	L.A.C.F.C.D. PERSONNEL	TURNBULL DEBRIS BASIN, NORTHEAST OF WHITTIER, PUENTE HILLS
1087-E	S	49-64	1340	34 15 25	118 20 11	D.W.P. PERSONNEL	GREEN VERDUGO RESERVOIR, 10320 SUNLAND BOULEVARD, VERDUGO MTS.
1088B	SA	17-35	445	33 56 55	117 57 51	B. RETTIG	1271 NORTH HACIENDA BOULEVARD, LA HABRA HEIGHTS
1089D	S	24-25	75	34 02 58	118 34 46	HAROLD Z. DAVIS	3221 TOPANGA CANYON BOULEVARD, MALIBU, SANTA MONICA MTS.
1090	SP	10-28	25	33 48 35	118 04 35	L. HEDRICK	WEST OF COYOTE CREEK, SOUTH OF 8060 SPRING STREET, ORANGE COUNTY
1092B	3" P	11-04	80	33 51 28	117 59 29	PUBLIC WORKS OFFICE PERSONNEL	8070 ORANGETHORPE AVENUE, BUENA PARK
1093-E	SP AP	11-22	100	33 52 23	117 58 24	ORANGE COUNTY PERSONNEL	ARTESIA BOULEVARD AND PRITCHARD AVENUE, AT FULLERTON AIRPORT, ORANGE COUNTY
1094	3" P	17-87	375	33 55 49	117 54 53	UNION OIL CO. PERSONNEL	PUENTE STREET AND CENTRAL AVENUE, LA HABRA, ORANGE COUNTY
1095	SP AP	18-16	660	33 56 07	117 52 58	U.S.C.E. PERSONNEL	ORANGE COUNTY RESERVOIR, NORTH OF BREA, ORANGE COUNTY
1099	S	29-49	280	34 00 20	118 03 30	IRA D. CATE	10234 STRONG AVENUE, WHITTIER
1102B	ST	52-91	4920	34 16 49	118 00 08	L.A.C.F.C.D. PERSONNEL	SOUTH OF ANGELES CREST HIGHWAY AT HEAD OF BOBCAT CANYON, SAN GABRIEL MTS.
1104	S	83-59	1760	34 30 35	118 27 00	U.S.F.S. PERSONNEL	31251 BOUQUET CANYON ROAD, NORTHEAST OF SAUGUS, SIERRA PELONA
1105B	SP	109-46	2855	34 44 23	118 27 15	D. S. PATTERSON	18333 WEST AVENUE F8, FAIRMONT
1106	SP AP	110-99	2450	34 42 12	118 18 32	WYLIE D. BURGE	10146 WEST AVENUE I, DEL SUR, ANTELOPE VALLEY
1107D	SA	49-76	1160	34 14 13	118 19 37	L.A.C.F.C.D. PERSONNEL	LA TUNA CANYON DEBRIS DAM, SUN VALLEY, VERDUGO MTS.
1108B	SA	85-91	2875	34 35 22	118 12 15	MRS. JOSEPH Y. CARLIN	4218 ELIZABETH LAKE, PINE CANYON ROAD, PALMDALE
1109	ST	56-71	8650	34 16 53	117 37 00	L.A.C.F.C.D. PERSONNEL	SOUTHEAST OF SAN ANTONIO PEAK, SAN BERNARDINO COUNTY
1110	8.81	39-94	987	34 09 13	118 12 01	L.A.C.F.C.D. PERSONNEL	SCHOLL DEBRIS BASIN, GLEN OAKS BOULEVARD, GLENDALE
1111C	S	77-48	4760	34 24 48	117 51 25	JOHN SMITH	28000 DEVIL'S PUNCHBOWL ROAD, PEAR BLOSSOM
1113	SP AP	8-76	30	33 49 54	118 13 30	T. J. CLEMMER	21718 SOUTH ALAMEDA STREET, LONG BEACH
1114B	AP	29-17	239	34 01 29	118 05 02	U.S.C.E. PERSONNEL	WHITTIER NARROWS DAM, NEAR LINCOLN BOULEVARD, NORTH OF MONTEBELLO
1115	AP	45-24	2120	34 09 24	117 40 20	U.S.C.E. PERSONNEL	BELOW SAN ANTONIO DAM, SAN ANTONIO CANYON, SAN GABRIEL MTS.
1116	S AP	4-70	15	33 47 38	118 07 15	BAYARD MILNOR	2124 SAN ANSELINE AVENUE, LONG BEACH
1117	S	95-90	3810	34 41 55	118 30 35	U.S.F.S. PERSONNEL	21525 PINE CANYON ROAD, LAKE HUGHES
1118B	AP	9-74	55	33 51 45	118 07, 43	L.B. UNIFIED SCHOOL DIST. PERSONNEL	5223 BIGELOW STREET, LAKEWOOD
1119B	ST	94-90	4325	34 41 18	118 35 16	L.A.C.F.C.D. PERSONNEL	ATMORE MEADOW, ON SOUTH SLOPE OF LIEBRE MOUNTAIN AT HEAD OF FISH CANYON
1120	ST	65-93	7900	34 22 08	117 48 10	L.A.C.F.C.D. PERSONNEL	SSE OF MT. LEWIS, NORTH OF ANGELES CREST HIGHWAY, SAN GABRIEL MTS.
1121C	S	52-22	5525	34 16 40	118 04 40	L. A. COUNTY SHERIFF PERSONNEL	BARLEY FLAT, NORTH OF ANGELES CREST HIGHWAY, SAN GABRIEL MTS.
1122	8.81	50-35	2100	34 14 49	118 15 40	L.A.C.F.C.D. PERSONNEL	COOKS DEBRIS BASIN, NORTH END OF BOSTON AVENUE, LA CRESCENTA
1124B	S	51-94	4625	34 15 30	118 06 11	U.S.F.S. PERSONNEL	JUNCTION OF ANGELES CREST HIGHWAY AND MT. WILSON ROAD, SAN GABRIEL MTS.
1125	S	30-78	460	34 01 00	117 55 15	H. J. GRUETER	237 AZUSA AVENUE, LA PUENTE
1126	8.81	48-99	780	34 12 30	118 24 35	D.W.P. PERSONNEL	12730 SATICOY STREET, LOS ANGELES
1127	S	38-62	615	34 10 47	118 20 07	BURBANK FIRE DEPT. PERSONNEL	2305 WEST BURBANK BOULEVARD, BURBANK
1128	SP	67-64	5960	34 21 34	117 37 57	W. GOODSPEED	APPLE AND CEDAR STREETS, WRIGHTWOOD, SAN BERNARDINO COUNTY
1129	S	20-87	340	34 02 52	118 54 57	M. E. GORDON	34035 PACIFIC COAST HIGHWAY, MALIBU, NICHOLAS CANYON, SANTA MONICA MTS.
1132	S	80-70	2800	34 35 56	118 43 15	U.S.F.S. PERSONNEL	OAK FLAT, ONE-QUARTER MILE WEST OF GOLDEN STATE HIGHWAY, NORTHWEST OF CASTAIC
1133	ST	53-59	2600	34 12 23	117 56 43	L.A.C.F.C.D. PERSONNEL	FISH CANYON, NORTHEAST OF STONE CABIN, SAN GABRIEL MTS.
1135B	SP	1-82	250	33 46 37	118 25 15	COL. W. C. PLATT	2105 PALOS VERDES DRIVE WEST, PALOS VERDES ESTATES, LUNADA BAY
1137B	S	49-99	1375	34 12 15	118 18 03	A. MC DONALD	STOUGH CANYON, ABOVE DEBRIS BASIN, NORTH OF BURBANK, VERDUGO MTS.
1138	S AP	51-95	5725	34 14 42	118 06 07	L.A.C.F.C.D. PERSONNEL	0.3 MILE SOUTHEAST OF MT. DISAPPOINTMENT, SAN GABRIEL MTS.
1139B	S	2-23	1200	33 45 40	118 22 20	ROY W. MC CARRELL	50 CREST ROAD, PALOS VERDES HILLS
1140	8.81	29-31	305	34 04 53	118 03 55	L. A. CO. FIRE DEPT. PERSONNEL	9319 EAST VALLEY BOULEVARD, ROSEMEAD
1141B	S	72-35	2000	34 26 37	118 22 05	H. C. MOORE	0.4 MILE NORTH OF SPRING CANYON ROAD AND VALLEY CANYON ROAD, LANG
1142	S	70-78	1200	34 24 50	118 31 25	JOHN PERCIVALLE	22116 WEST SOLEDAD CANYON ROAD, EAST OF BOUQUET CANYON ROAD, SAUGUS

TABLE VIII (Continued)

RAIN GAGE STATION LOCATION

SEASON 1965-66

STA. NO.	TYPE GAGE	QUAD INDEX	ELEV. OF GAGE	NORTH LAT. ° ' "	WEST LONG. ° ' "	OBSERVER	LOCATION
1144	SA	54-53	2200	34 15 43	117 50 40	TED TRAVIS	SAN GABRIEL RIVER, NORTH FORK, AND BICHOTA CANYON, SAN GABRIEL MTS.
1145	SP	45-56	1605	34 07 57	117 38 38	LIBERTY GROVES PERSONNEL	495 EAST 19TH STREET, UPLAND, SAN BERNARDINO COUNTY
1146	A	52-88	2575	34 12 52	118 01 05	LOUIS LUEBKERT	SANTA ANITA CANYON, NORTH OF FERN LODGE, SAN GABRIEL MTS.
1147	S	36-65	1000	34 08 52	118 31 53	ELMER BORDER	5011 NESTLE STREET, TARZANA, EL CABALLERO COUNTRY CLUB
1148B	S	30-64	440	34 03 00	117 54 53	HAROLD E. GAULDIN	17034 EAST FRANCISQUITO AVENUE, WEST COVINA
1150	S	49-00	1350	34 17 54	118 23 41	U.S.F.S. PERSONNEL	INDIAN CANYON, ABOVE LOPEZ CANYON, SAN GABRIEL MTS.
1151	SP	40-82	1020	34 10 15	118 06 40	CITY OF PASADENA PERSONNEL	EAST OF ALLEN AVENUE AND NORTH OF WASHINGTON STREET, PASADENA
1152	S	51-42	3625	34 16 15	118 09 11	U.S.F.S. PERSONNEL	ANGELES CREST HIGHWAY AND ANGELES FOREST HIGHWAY, SAN GABRIEL
1155	S	7-50	60	33 53 53	118 20 35	CAPT. C. H. KEYLOW	4322 WEST 147TH STREET, LAWNDALE
1157	SP AP	47-66	890	34 14 17	118 31 48	DR. ARNOLD COURT	18111 NORDHOFF STREET, NORTHRIDGE
1158	S	2-60	102	33 47 59	118 20 08	ROY POOLER AND MAX BOAL	3201 PACIFIC COAST HIGHWAY, TORRANCE MUNICIPAL AIRPORT, TORRANCE
1159	A	52-33	4425	34 15 55	118 04 08	L.A.C.F.C.D. PERSONNEL	SHORTCUT CANYON, SOUTH OF ANGELES CREST HIGHWAY, SAN GABRIEL MTS.
1160	A	52-74	3200	34 15 02	118 01 30	L.A.C.F.C.D. PERSONNEL	UPPER WEST FORK, SAN GABRIEL RIVER, SAN GABRIEL MTS.
1161	SP	50-66	1865	34 13 52	118 13 50	ROBERT GREGG	5118 CIRCLE VISTA AVENUE, LA CRESCENTA
1162	ST	61-74	5320	34 21 06	118 13 46	L.A.C.F.C.D. PERSONNEL	NORTH OF IRON MOUNTAIN NEAR MENDENHALL RIDGE ROAD, SAN GABRIEL MTS.
1163	ST	65-37	5480	34 19 33	117 51 42	L.A.C.F.C.D. PERSONNEL	NORTHWEST OF CRYSTAL LAKE, WEST OF CRYSTAL LAKE ROAD, SAN GABRIEL MTS.
1164	8.81	7-49	90	33 48 35	118 21 05	L.A.C.F.C.D. PERSONNEL	HAWTHORNE AVENUE AT 236TH STREET, TORRANCE
1165	AP	36-47	1850	34 07 33	118 33 20	CITY OF LOS ANGELES PERSONNEL	MULHOLLAND HIGHWAY AND FIRE ROAD NO. 30, SANTA MONICA MTS.
1166	S	78-38	5200	34 24 40	117 46 07	WARNER H. RICHTER	27500 LARGO VISTA STREET, VALYERMO
1167	S	66-20	5380	34 23 25	117 46 27	ROBERT MC DONALD	FENNER CANYON AT BIG ROCK CREEK, MT. BADEN POWELL, SAN GABRIEL MTS.
1168B	SP	V-CO.	4575	34 45 36	118 54 46	G. W. REYNOLDS	MAXY RANCH, HUNGRY VALLEY, GORMAN
1169	SP	V-CO.	1145	34 28 24	118 45 42	FRANK C. BECKWITH	LAKE PIRU, PIRU CANYON, NORTH OF PIRU, VENTURA COUNTY
1170	AP	33-63	900	34 09 48	118 50 12	VENTURA CO. F.C.D. PERSONNEL	THOUSAND OAKS, VENTURA COUNTY
1171	SP AP	V-CO.	720	34 24 20	118 45 20	HARRY FORBES	CAMULOS RANCH, PIRU, VENTURA COUNTY
1172	AP	80-48	1150	34 30 48	118 45 30	FRANK C. BECKWITH	PIRU CANYON ABOVE PIRU LAKE, VENTURA COUNTY
1173	AP	V-CO.	1525	34 19 54	118 42 39	R. M. HAMMERLEE	TAPO CANYON RANCH, SANTA SUSANA, VENTURA COUNTY
1174	SP	22-11	2824	34 05 09	118 47 04	RAY SMITH	CASTRO PEAK, SANTA MONICA MTS.
1175	AP	46-31	1120	34 17 00	118 40 08	JERRY BETTS	DOUGLAS WHITE OAKS PARK, SANTA SUSANA, VENTURA COUNTY
1176	AP	V-CO.	2680	34 22 10	118 44 54	NEWT TABOR	OAK RIDGE SUMMIT, VENTURA COUNTY
1177	AP	V-CO.	1030	34 14 36	118 49 42	A. L. ALGAR	BARD RESERVOIR, SIMI, VENTURA COUNTY
1178	SP	105-78	3054	34 42 50	118 49 44	BUD P. JOHN	KINSEY RANCH, LOWER HUNGRY VALLEY
1179	SP	92-40	2980	34 41 30	118 51 00	MRS. O. E. SUMMERVILLE	BUCK CREEK GUARD STATION, VENTURA COUNTY
X15B	S	116-15	3070	34 44 48	117 46 57	JOHN STEBBINS	47403 NORTH 195TH STREET EAST, HI VISTA
X19	SP	50-43	3400	34 15 52	118 15 11	U.S.F.S. PERSONNEL	WEST SIDE COOKS CANYON, SAN GABRIEL MTS.
X21B	SP	50-63	4390	34 15 38	118 13 47	U.S.F.S. PERSONNEL	DUNSMORE CANYON, WEST OF PICKENS CANYON, SAN GABRIEL MTS.
X22	ST	65-44	6680	34 21 27	117 51 05	L.A.C.F.C.D. PERSONNEL	ISLIP SADDLE, NORTH OF ANGELES CREST HIGHWAY, SAN GABRIEL MTS.
X23	ST	66-12	7280	34 22 16	117 46 51	L.A.C.F.C.D. PERSONNEL	DORR CANYON, EAST OF ANGELES CREST HIGHWAY, SAN GABRIEL MTS.
X24	ST	66-82	7360	34 22 30	117 43 05	L.A.C.F.C.D. PERSONNEL	GRASSY HOLLOW, NORTH OF ANGELES CREST HIGHWAY, SAN GABRIEL MTS.
X25	ST	67-03	7880	34 21 58	117 41 27	L.A.C.F.C.D. PERSONNEL	BEAR GULCH, BLUE RIDGE, SAN GABRIEL MTS.
X26	ST	67-25	8450	34 20 57	117 40 23	L.A.C.F.C.D. PERSONNEL	NORTH OF PRAIRIE FORK ROAD, NORTHWEST OF MT. BALDY, SAN GABRIEL MTS.
X27	ST	67-56	8080	34 20 20	117 38 55	L.A.C.F.C.D. PERSONNEL	BLUE RIDGE, EAST OF SAN BERNARDINO COUNTY LINE, SAN GABRIEL MTS.
X28B	A	67-14	8130	34 21 29	117 40 54	D. O. BURNS	TOP OF HOLIDAY HILL CHAIR LIFT, NORTH OF PRAIRIE FORK ROAD, SAN GABRIEL MTS.
X29	A	53-97	4100	34 13 35	117 54 28	L.A.C.F.C.D. PERSONNEL	0.5 MILE WEST, NORTHWEST OF PINE MOUNTAIN, SAN GABRIEL MTS.
X33	8.81	50-66	1890	34 14 07	118 14 12	L.A.C.F.C.D. PERSONNEL	NORTHEAST OF FRANCES AVENUE AND LA CRESCENTA AVENUE, LA CRESCENTA
X35	A	39-31	1200	34 10 48	118 15 38	L.A.C.F.C.D. PERSONNEL	419 CARDIGAN AVENUE, GLENDALE, VERDUGO MTS.
X36	A	50-39	2650	34 12 13	118 15 52	L.A.C.F.C.D. PERSONNEL	NEAR JUNCTION OF VERDUGO AND BRAND PARK TRUCK TRAILS, VERDUGO MTS.
X37	SP	70-97	1270	34 25 13	118 30 08	E. E. STATTS	SOLEDAD CANYON ROAD AND COTTONWOOD AVENUE, HONBY

TABLE IX

RAIN GAGE STATION LOCATION

SEASON 1966 – 67

STA. NO.	TYPE GAGE	QUAD INDEX	ELEV. OF GAGE	NORTH LAT. ° ' "	WEST LONG. ° ' "	OBSERVER	LOCATION
3C	S	34–09	900	34 06 22	118 47 30	LUCIUS MOORE	SEMINOLE HOT SPRINGS AT MULHOLLAND HIGHWAY, SANTA MONICA MTS.
4C	S	34–49	800	34 06 09	118 45 15	GEORGE LEWIS	28906 CRAGS DRIVE, SOUTH OF MALIBU LAKE, AGOURA
32C–E	S	58–61	1243	34 23 07	118 31 54	L.A. CO. F. & F. W. PERSONNEL	24875 SAN FERNANDO ROAD, NEWHALL
78B	S	58–60	3280	34 17 26	117 50 25	U.S.F.S. PERSONNEL	SAN GABRIEL RIVER, NORTH FORK AT COLDBROOK CREEK
96C–E	SA	31–90	1030	34 05 31	117 48 24	GEORGE H. SHEPHERD, JR.	PUDDINGSTONE DAM AT CARETAKER'S HOUSE, SAN JOSE HILLS
99B	S	43–06	615	34 07 57	117 53 32	LOUIE HIROTA	18352 FOOTHILL BLVD., AZUSA
106C	S	16–52	340	33 58 27	118 01 57	MARTHA BILEY	13230 EAST PENN ST., WHITTIER
122F	S	98–18	3200	34 37 12	118 17 08	FRED BOLEY	8755 WEST CALVA STREET, PALMDALE
167C	S	41–64	611	34 09 31	118 02 02	ARCADIA FIRE DEPARTMENT PERSONNEL	79 ORANGE GROVE AVENUE, ARCADIA
174B	S	43–87	930	34 07 43	117 49 08	L.A. CO. F. & F.W. PERSONNEL	520 SOUTH AMELIA AVENUE, GLENDORA
190B	SA	59–37	1490	34 19 46	118 28 00	PAUL ARIAS	15501 WEST FOOTHILL BOULEVARD, SAN FERNANDO
201C	SA	17–00	845	33 59 40	117 59 31	CLARENCE R. WOODHURST	14767 HOLLYTREE ROAD, HACIENDA HEIGHTS
251C	S	50–57	1440	34 13 20	118 14 40	LA CRESCENTA VALLEY WATER DISTRICT	3045 ENCINAL AVENUE, LA CRESCENTA
277	S	108–17	3700	34 43 15	118 35 00	B. H. TYLER	25202 WEST PINE CANYON ROAD, LAKE HUGHES
299F	S	88–26	2800	34 32 12	117 58 43	REUBEN J. SCHWAB	36030 NORTH 85TH STREET EAST, LITTLE ROCK
305F	S	21–56	25	34 01 52	118 50 30	J. BISHOP	30825 PACIFIC COAST HIGHWAY, MALIBU
388D	8.81	9–30	80	33 53 50	118 10 02	L.A. CO. FIRE DEPARTMENT PERSONNEL	7521 COMPTON BLVD., PARAMOUNT
407	SAP	58–82	1325	34 22 12	118 30 48	U.S.F.S. PERSONNEL	23610 SAN FERNANDO ROAD, NEWHALL
409–E	SAP	93–12	2505	34 40 34	118 46 47	W. M. PRICE	18 MILES NORTH OF CASTAIC JUNCTION ON EAST SIDE OF GOLDEN STATE FREEWAY
461	S	25–29	392	34 00 08	118 22 32	STANDARD OIL COMPANY PERSONNEL	NORTH OF SLAUSON AVE., WEST OF LA BREA AVE., BALDWIN HILLS
476G	S	34–06	825	34 07 51	118 47 53	MRS. B. STRINGER	3430 TRIUNTO CANYON ROAD, CORNELL
491B	S	24–75	320	34 02 38	118 31 36	MRS. C. D. CLEARWATER	855 VIA DE LA PAZ, PACIFIC PALISADES
492C	SA	63–98	5280	34 19 02	118 00 30	JOHN R. KAYLOR	STATE HIGHWAY MAINTENANCE STATION NEAR CHILAO, SAN GABRIEL MOUNTAINS
560B	S	44–48	1235	34 06 57	117 45 04	GENE ONTIVEROS	240 AMHERST STREET, LA VERNE
573D	8.81	4–74	15	33 45 13	118 07 51	L.A.C.F.C.D. PERSONNEL	PUMPING PLANT EAST OF 54TH STREET ON OCEAN BLVD, ALAMITOS BAY
694F	SA	50–11	1525	34 17 22	118 17 17	L.A.C.F.C.D. PERSONNEL	SHERIFF'S DETENTION CAMP #15, BIG TUJUNGA CANYON
705	SP	60–87	2330	34 19 48	118 19 03	P. F. COLLINS	PARADISE RANCH, ALDER CREEK ABOVE LITTLE TUJUNGA CANYON, SAN GABRIEL MTS.
722C	S	98–67	2880	34 37 23	118 13 55	PHOEBE STONE	40780 NORTH 60TH STREET WEST, LANCASTER
724B	SPAP	43–92	1825	34 10 34	117 48 26	U.S.F.S PERSONNEL	MONROE CANYON, ABOVE BIG DALTON DAM, SAN GABRIEL MTS.
735F	S	46–49	975	34 12 20	118 39 15	LYNN MILLSAP	7277 BRACKENRIDGE STREET, CANOGA PARK
1010C	S	44–94	2160	34 09 32	117 42 06	L.A.C.F.C.D. PERSONNEL	PALMER CANYON, 1.5 MILES NORTH, NORTHEAST OF THOMPSON CREEK DAM
1013B	SA	61–39	1650	34 18 00	118 16 06	L.A.C.F.C.D. PERSONNEL	TUJUNGA CANYON ABOVE GOLD CANYON, SAN GABRIEL MOUNTAINS
1014F–E	SA	15–90	170	33 59 57	118 05 04	G. F. KESTEL	NORTHEAST OF RIO HONDO AND WASHINGTON BLVD., MONTEBELLO
1076	SP	62–68	2850	34 19 04	118 07 50	BOB GILROY	23200 NORTH ANGELES FOREST HIGHWAY, SAN GABRIEL MOUNTAINS
1081	8.81	39–50	1200	34 11 33	118 14 28	L.A.C. F.C.D. PERSONNEL	DEER DEBRIS BASIN, DEER CANYON, VERDUGO MOUNTAINS
1084B	S	59–76	1680	34 19 50	118 25 45	L.A.C.F.C.D. PERSONNEL	MAY DEBRIS BASIN, MAY CANYON, SAN GABRIEL MOUNTAINS
1088B	SA	17–35	445	33 56 55	117 57 51	ART RATLIFF	1271 NORTH HACIENDA BLVD., LA HABRA HEIGHTS
1094	3 "P	17–87	375	33 55 49	117 54 53	UNION OIL COMPANY	PUENTE STREET AND CENTRAL AVENUE, LA HABRA, ORANGE COUNTY
1106	SPAP	110–99	2450	34 42 12	118 18 32	PAUL L. WILEY	10146 WEST AVENUE I, DEL SUR, ANTELOPE VALLEY
1135B	SP	1–82	250	33 46 37	118 25 15	DONALD HARRIS	2105 PALOS VERDES DRIVE WEST, PALOS VERDES ESTATES, LUNADA BAY
1138	SAP	51–95	5725	34 14 42	118 06 07	L.A.C.F.C.D. AND U.S.F.S PERSONNEL	0.3 MILE SOUTHEAST OF MOUNT DISAPPOINTMENT
1161	SPAP	50–66	1885	34 13 52	118 13 50	ROBERT GREGG	5118 CIRCLE VISTA AVENUE, LA CRESCENTA
1173	AP	V. CO.	1525	34 19 54	118 42 39	R. M. HAMMERLEE	TAPO CANYON RANCH, VENTURA COUNTY
1176B	AP	V.CO.	2820	34 21 54	118 46 41	VENTURA CO. F.C.D.	TORREY MOUNTAIN MICROWAVE TOWER, VENTURA COUNTY
1178	SP	105–78	3054	34 42 50	118 49 44	BUD P. JOHN	KINSEY RANCH, LOWER HUNGRY VALLEY
1180	S	24–54	700	34 03 27	118 32 04	LORI BLUM	1218 TELLEM DRIVE, PACIFIC PALISADES, SANTA MONICA MOUNTAINS
1181	A	59–47	1495	34 19 35	118 27 26	L.A.C.F.C.D PERSONNEL	SCHOOLHOUSE CANYON DEBRIS BASIN, SAN GABRIEL MOUNTAINS
1182	AP	94–39	1670	34 36 11	118 39 40	D.W.R. PERSONNEL	JUNCTION OF FISH CREEK AND CASTAIC CREEK, SAN GABRIEL MOUNTAINS
X36	A	50–39	2650	34 12 13	118 15 12	L.A.C.F.C.D. PERSONNEL	NEAR JUNCTION OF VERDUGO AND BRAND PARK TRUCK TRAILS, VERDUGO MOUNTAINS
X37	S	70–97	1270	34 25 13	118 30 08	D.W.P. PERSONNEL	SOLEDAD CANYON ROAD AND COTTONWOOD AVENUE, HONBY
X38	A	59–84	3925	34 21 14	118 24 45	L.A.C.F.C.D. PERSONNEL	FOUR MILES WEST OF BEAR SADDLE IN LOOP CANYON, SAN GABRIEL MOUNTAINS

LEGEND REGARDING GAGE TYPE AND OWNERSHIP

S	STANDARD 8" DIAMETER NON–RECORDING GAGE OWNED BY FLOOD CONTROL DISTRICT
A	AUTOMATIC RECORDING GAGE OWNED BY FLOOD CONTROL DISTRICT
ST	STORAGE TYPE GAGE OWNED BY FLOOD CONTROL DISTRICT
3"P	3" DIAMETER NON–RECORDING GAGE PRIVATELY OWNED
4½"P	4½" DIAMETER NON–RECORDING GAGE PRIVATELY OWNED
SP	8" DIAMETER NON–RECORDING GAGE PRIVATELY OWNED
8.81"	SPECIAL TYPE COLLECTOR RING, (8.81" DIAMETER) WITH A GLASS GRADUATE MEASURING TUBE
AP	AUTOMATIC RECORDING GAGE PRIVATELY OWNED
SUFFIX B OR C	DENOTES SECOND AND THIRD LOCATION OF STATION IN SAME AREA
SUFFIX – E	DENOTES EVAPORATION PAN AT STATION

QUAD INDEX NUMBERS

THE "QUAD" INDEX NUMBERS ASSIGNED TO PRECIPITATION STATIONS SERVE AS A LOCATION GUIDE. THE PORTION OF THE INDEX NUMBER PRECEDING THE HYPHEN INDICATES THE NUMBER OF THE 1:24000 SCALE TOPOGRAPHIC QUADRANGLE AS PUBLISHED BY THE UNITED STATES GEOLOGICAL SURVEY. THESE "QUADS" HAVE BEEN NUMBERED FROM LEFT TO RIGHT, BEGINNING WITH THE MOST SOUTHWESTERLY AND ENDING WITH THE MOST NORTHEASTERLY "QUAD" IN AND NEAR LOS ANGELES COUNTY. THE TWO DIGITS FOLLOWING THE HYPHEN INDICATES THE HORIZONTAL AND VERTICAL COORDINATES RESPECTIVELY, OF EACH "QUAD". THE "QUADS" HAVE BEEN DIVIDED INTO TEN EQUAL DIVISIONS BOTH HORIZONTALLY AND VERTICALLY NUMBERED FROM 0 TO 9 READING FROM LEFT TO RIGHT AND TOP TO BOTTOM RESPECTIVELY.

NOTE: RAIN GAGE STATIONS FOR SEASONS 1966–67 WERE IDENTICAL WITH SEASON 1965–66 EXCEPT AS SHOWN FOR 1966–67.

TABLE X

95-YEAR SEASONAL RAINFALL INDICES

FOR

SELECTED AREAS IN LOS ANGELES COUNTY

SEASON	"A" COASTAL PLAIN	"B" SAN FERNANDO VALLEY	"C" SAN GABRIEL VALLEY	"D" SAN GABRIEL MOUNTAINS	"E" LITTLE ROCK-BIG ROCK	"F" SANTA MONICA MOUNTAINS	"G" SANTA CLARA	"H" DESERT	COUNTY INDEX*
1872-73	98	97	79	79	78	98	86	79	86
74	157	157	154	154	154	157	155	154	155
75	125	123	85	86	82	125	99	85	99
76	172	169	127	128	125	172	143	128	143
77	37	24	28	28	21	25	18	17	24
78	140	126	140	139	96	126	71	65	102
79	75	58	74	73	53	59	41	38	55
1879-80	128	112	128	128	133	112	125	135	127
1880-81	81	67	80	80	70	69	60	62	69
82	66	59	69	68	76	60	78	81	73
83	72	64	77	76	59	65	55	47	61
84	241	227	245	248	269	230	269	292	261
85	58	57	60	58	57	58	52	57	57
86	153	144	134	135	176	139	175	201	166
87	86	86	80	82	189	85	110	126	102
88	108	85	130	126	117	91	110	112	111
89	129	127	134	134	140	127	136	146	136
1889-90	161	206	199	205	219	177	228	237	211
1890-91	96	80	108	104	102	86	94	97	96
92	80	63	84	84	77	70	73	73	76
93	162	142	165	158	138	134	129	126	141
94	49	38	58	54	53	38	48	50	49
95	107	113	126	124	121	110	103	111	112
96	62	53	56	55	57	54	53	48	54
97	127	114	111	108	121	111	118	131	121
98	51	42	53	46	34	39	24	30	37
99	47	29	40	31	31	30	35	34	35
1899-00	64	52	56	53	56	56	49	44	52
1900-01	105	108	117	104	98	107	107	103	106
02	75	59	65	67	64	62	57	58	63
03	147	122	123	123	120	127	116	110	122
04	57	53	57	63	48	59	46	40	50
05	124	104	130	124	129	108	139	134	128
06	149	123	128	137	127	125	118	122	128
07	129	148	138	146	152	152	168	162	152
08	89	94	92	98	97	92	99	97	95
09	123	114	126	112	103	108	94	81	102
1909-10	85	77	91	88	118	78	104	106	96
1910-11	114	122	127	152	152	121	142	136	134
12	59	88	74	86	89	84	88	69	77
13	74	88	79	78	68	78	81	70	76
14	143	168	166	179	172	161	160	147	158
15	141	128	124	116	119	141	132	137	132
16	143	133	142	155	127	127	129	114	131
17	98	99	95	94	72	94	69	68	82
18	96	113	93	110	104	113	110	96	103
19	72	76	71	72	66	69	75	75	73
1919-20	77	85	92	109	99	82	93	80	88
1920-21	100	110	100	97	92	93	97	93	97
22	120	143	140	199	178	132	156	153	153
23	74	74	79	102	81	70	85	78	81
24	48	50	55	58	53	47	48	55	52
25	53	64	63	72	59	56	63	53	59
26	85	124	118	130	114	113	118	107	112
27	103	131	123	115	121	118	115	115	115
28	88	69	75	62	70	69	65	62	69
29	78	75	80	73	60	78	70	64	71
1929-30	77	79	80	79	57	73	77	81	78
1930-31	83	94	84	76	77	89	97	112	94
32	109	127	113	116	136	108	136	146	128
33	74	80	68	70	65	72	81	77	75
34	76	104	101	74	58	86	60	42	67
35	136	128	131	121	141	114	138	166	141
36	77	80	78	76	50	77	71	48	67
37	148	145	150	150	135	140	155	140	146
38	144	152	149	159	159	150	155	150	152
39	116	117	108	101	119	127	119	140	122
1939-40	98	97	83	69	77	100	74	80	83
1940-41	226	237	215	171	199	250	234	231	222
42	83	78	75	62	94	82	80	90	91
43	115	153	140	162	162	152	161	151	149
44	130	138	114	132	159	144	162	227	165
45	93	89	89	97	101	86	91	103	95
46	81	82	79	97	106	87	102	102	94
47	91	90	87	98	101	91	102	101	97
48	45	47	55	49	62	51	54	66	55
49	58	52	59	53	61	58	60	70	61
1949-50	73	69	74	61	63	78	65	52	64
1950-51	55	56	52	38	43	56	43	37	45
52	161	193	163	157	159	208	179	184	176
53	70	69	66	51	61	75	64	67	65
54	92	82	85	85	88	98	85	91	88
55	82	84	75	69	79	87	83	83	81
56	107	101	90	73	76	103	82	62	82
57	67	79	74	68	66	81	73	73	72
58	160	160	163	161	161	181	174	163	165
59	44	49	46	53	66	57	60	53	53
1959-60	69	57	57	43	48	68	48	55	55
1960-61	35	39	32	39	50	42	40	47	41
62	138	141	121	113	129	167	136	113	127
63	81	67	66	65	69	76	68	74	70
64	48	60	51	57	55	57	54	62	56
65	90	93	82	76	84	94	78	78	82
66	112	131	105	143	136	146	135	133	130
67	119	137	135	155	149	152	150	104	131
90-YEAR NORMAL RAINFALL	13.78	17.03	18.52	28.19	19.24	18.50	16.39	7.89	15.66
1965-66 RAINFALL	15.43	22.31	19.45	40.31	26.17	27.01	22.13	10.49	20.61
1966-67 RAINFALL	16.40	23.33	25.00	43.69	28.67	28.12	24.58	8.21	21.67
AREA IN SQUARE MILES	573	305	285	536	165	228	738	1122	3952

NOTE: *INDICATES WEIGHTED AVERAGE INDEX OF AREAS

ANTELOPE VALLEY
MOJAVE DESERT
ROSAMOND LAKE
LIEBRE MOUNTAIN
SAWMILL MOUNTAIN
PORTAL RIDGE
SIERRA PELONA
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
SAN GABRIEL MOUNTAINS
SANTA SUSANA MOUNTAINS
PINYON RIDGE
PACIFIC OCEAN
LOS ANGELES
PASADENA
HOLLYWOOD
BALDWIN HILLS
DOMINGUEZ HILLS
LONG BEACH
Lancaster
Palmdale
Little Rock
Acton
Sauqus
Newhall
San Fernando
Burbank
Glendale
Beverly Hills
Santa Monica
Culver City
Inglewood
El Segundo
Redondo Beach
Torrance
Whittier
Montebello
Monrovia
Baldwin Park
Covina
Claremont
Pomona
Glendora
Castaic
Neenach
Fairmont
Del Sur
SCALE
LEGEND
FLOOD CONTROL STANDARD GAGES
FLOOD CONTROL 8.81" DIAMETER GAGES
FLOOD CONTROL STORAGE TYPE GAGES
FLOOD CONTROL AUTOMATIC GAGES
STANDARD GAGES (OTHER THAN F.C. DIST.)
AUTOMATIC GAGES (OTHER THAN F.C. DIST.)
191B CAPITAL LETTERS (A,B,etc.) FOLLOWING A STATION NUMBER DENOTE SUCCESSIVE LOCATIONS OF A GAGE IN A LOCALITY
-E AT A STATION DENOTES AN EVAPORATION PAN
LINES OF EQUAL RAINFALL IN INCHES DEPTH
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
LOCATION OF
ACTIVE RAINGAGES
AND
ISOHYETAL MAP
SEASON 1965-66
APPROVED BY
CHIEF ENGINEER
SUBMITTED BY
CHIEF, HYDRAULIC DIVISION
RECOMMENDED BY
ASST. CHIEF DEPUTY ENGR.
DATE
1-67
DWG. NO. 2H-201
COMPILED AND CHECKED BY R.A.H. & E.W.G.
DRAWN BY C.J.D.
MAP 1

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
LOCATION OF
ACTIVE RAINGAGES
AND
ISOHYETAL MAP
SEASON 1966-67
APPROVED BY
CHIEF ENGINEER
SUBMITTED BY
CHIEF, HYDRAULIC DIVISION
RECOMMENDED BY
ASST. CHIEF DEPUTY ENGR.
DATE
1-68
DWG. NO. 2H-202
COMPILED AND CHECKED BY P.A.H. & E.W.G.
DRAWN BY C.J.D.
MAP 11
LEGEND
FLOOD CONTROL STANDARD GAGES
FLOOD CONTROL 8.81" DIAMETER GAGES
FLOOD CONTROL STORAGE TYPE GAGES
FLOOD CONTROL AUTOMATIC GAGES
STANDARD GAGES (OTHER THAN F.C. DIST.)
AUTOMATIC GAGES (OTHER THAN F.C. DIST.)
1918 CAPITAL LETTERS (A, B, ETC.) FOLLOWING A STATION NUMBER DENOTE SUCCESSIVE LOCATIONS OF A GAGE IN A LOCALITY
-E AT A STATION DENOTES AN EVAPORATION PAN
LINES OF EQUAL RAINFALL IN INCHES DEPTH
SCALE
PACIFIC OCEAN
ANTELOPE VALLEY
MOJAVE DESERT
SAN GABRIEL MOUNTAINS
MONICA MOUNTAINS
LOS ANGELES
PASADENA
HOLLYWOOD
Santa Monica
Culver City
Inglewood
El Segundo
Redondo Beach
Torrance
LONG BEACH
Whittier
Pomona
Glendora
Lancaster
Palmdale
Acton
Newhall
Fairmont
Neenach
Del Sur
Little Rock
Burbank
Glendale
Beverly Hills
Montebello
Covina
Baldwin Park
Claremont
Santa Susana Mountains
Sierra Pelona
Portal Ridge
Liebre Mountain
Sawmill Mountain
Pinyon Ridge
Holcomb Ridge
Dominguez Hills
Baldwin Hills
Rosamond Lake
Los Angeles County Flood Control District
Sierra Pelona
Santa Susana Mountains
Pacific Ocean

EVAPORATION RECORDS

EVAPORATION

FOREWORD

This report contains monthly and seasonal data for active evaporation stations reporting to the District during the 1965-66 and 1966-67 seasons. Daily records of active and inactive District stations, as well as some stations of other agencies, are available in the District's files. Monthly and seasonal evaporation has been published in the District's Annual or Biennial Reports on Hydrologic Data since the 1931-32 season.

SUMMARY OF EVAPORATION

The following tabulation indicates the maximum and minimum rates of evaporation in inches at stations within the County for the seasons 1965-66 and 1966-67. For comparative purposes, only the evaporation amounts from a 24-inch diameter land evaporation pan equipped with a screen were used. Evaporation amounts are not shown where measurements are affected by frozen water in the pans.

	1965-66	1966-67
Maximum Seasonal Amount – Palmdale	112.06	80.29
Maximum Monthly Amount – Palmdale	19.70 Aug.	
Maximum Monthly Amount – Acton-Escondido Canyon		12.18 July
Minimum Seasonal Amount – Rio Hondo Spreading Grounds	47.65	
Minimum Seasonal Amount – Arcadia Arboretum		43.28(1)
Minimum Monthly Amount – Rio Hondo Spreading Grounds	1.52	
Minimum Monthly Amount – Baldwin Park Experimental Station		1.28(1)

(1) Total includes less than 10 percent estimated amounts.

Table XI, page 39, lists monthly and seasonal evaporation data including the type of pan used at all active stations during the 1965-66 and 1966-67 seasons. Evaporation is normally measured at 5 p.m. to be consistent with rainfall measurements.

LOCATION AND NUMBER OF STATIONS

The District, with the cooperation of the Los Angeles City Department of Water and Power, the Metropolitan Water District, the Southern California Edison Company, the United States Forest Service, County Departments, and individuals, received evaporation records from 31 and 30 evaporation stations for the 1965-66 and 1966-67 seasons, respectively. There were 37 evaporation pans utilized during the season 1965-66 and 36 evaporation pans in operation for the 1966-67 season.

Twenty-four and twenty-three pans were on or near reservoirs for the 1965-66 and 1966-67 seasons, respectively. San Gabriel and Cogswell Dams are equipped with both lake and land pans.

LENGTH OF RECORD

The first land pan installed by this District was at Santa Anita Dam in March of 1929. There are 29 evaporation stations which have records of 15 seasons or more in the District's files.

EQUIPMENT

1. Land pan, Type L-24

   Twenty-four inches in diameter by 36 inches deep. Installed in ground 33 inches. Water in pan maintained near ground level.

2. Land pan, Type L-24S

   Same as L-24 above except that it is equipped with a one-fourth-inch mesh hardware cloth that rests one and one-half inches below top of pan.

3. Land pan, Type L-A48

   Forty-eight inches in diameter by 10 inches deep. Installed with water surface approximately 14 inches above ground level. Water surface in pan maintained at two to three inches below top of pan.

4. Land pan, Type L-72

   Seventy-two inches in diameter by 36 inches deep. Installed in the ground 33 inches. Water in pan maintained near ground level.

5. Land pan, Type L-36

   Thirty-six inches square by 18 inches deep. Installed in the ground 15 inches. Water in pan maintained near ground level.

6. Land pan, Type F-36

   Thirty-six inches square by 18 inches deep. Mounted on float equipped with a 6-inch baffle. Pan submerged to 15 inches depth. Water in pan maintained near lake level.

RESPONSIBILITY

The field and office work pertaining to precipitation, snow pack, temperature, humidity, wind velocity and direction, barometric pressure, and evaporation data was under the immediate supervision of Paul A. Haig, who is in charge of the Rainfall and Evaporation Section. Mr. Haig was assisted in the preparation of this report by Ernest W. Godfrey, Hydrographer II.

All field and office procedure of this Section was under the direction of Maxwell F. Burke, Division Engineer, and James H. Brown, Assistant Division Engineer, from October 1, 1965 to June 30, 1966 and James H. Brown, Division Engineer, subsequent to June 1966.

TABLE XI

EVAPORATION RECORDS IN INCHES

SEASONS 1965–66, 1966–67

1965–66

STA. NO.	STATION	GAGE TYPE	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	SEAS. TOTAL
23	CHATSWORTH RESERVOIR	L-24S	5.38	3.33	1.78	2.48	2.15	3.48	4.82	4.84	6.56	12.80	9.86	6.05	63.53
33A	PACOIMA DAM	L-24S	8.78	4.69**	4.02**	5.30	4.20	5.51	6.30	4.76	6.63	9.25	8.08	7.76	75.28**
46D	BIG TUJUNGA DAM	L-24S	8.68	4.17**	2.96	3.78	3.42	5.43	6.40*	6.30	8.20	10.65	10.33	8.50	78.82**
57B	OPID'S (CAMP HI HILL)	L-24S	3.58	1.41**	INC.#	INC.#	INC.#	INC.#	4.15	INC.	INC.	INC.	7.71	4.87	INC.
63B	BIG SANTA ANITA DAM	L-24S	8.56	3.88**	3.50**	4.26	3.54**	4.45	5.21	3.96	6.08	8.01	7.06	6.42	64.93**
89B	SAN DIMAS DAM	L-24S	N.R.	2.19**	1.73**	1.98	2.03	3.20	6.63	4.66	6.37	8.27	7.59	5.86	INC.
96B	PUDDINGSTONE DAM	L-24S	6.11	2.44**	2.28**	2.72**	2.31**	3.60	4.63	4.53	6.07	8.04	7.38	5.96	56.07**
124B	BOUQUET CANYON	L-36P	8.15	3.71	2.90	3.60	3.35	5.47	7.17	7.26	9.67	11.38	11.00	8.71	82.37
127	DRY CANYON RESERVOIR	F-36P	5.98	3.12	2.93	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	INC.
223B	BIG DALTON DAM	L-24S	5.79	2.53**	1.90**	2.56**	2.30**	3.28	4.49	4.45	5.99	8.48	7.89	5.86	55.52**
237C	STONE CANYON RESERVOIR	L-24S	8.79	4.13	3.75	3.46	3.60	5.23	6.05	4.87	6.21	8.31	7.77	6.70	68.87
261B	ACTON – ESCONDIDO CANYON	L-24S	10.10	3.91*	4.30*	3.69**	3.45**	4.83	6.32	7.36	12.28	11.85	13.05	8.90	90.04**
292D	ENCINO	L-24S	6.94	4.27	2.67	3.54	2.91	4.74	6.24	6.00	7.71	9.84	9.11	7.31	71.28
293	VAN NORMAN LAKE – LOWER	L-24S	8.42	4.27	5.18	5.15	3.80	5.41	6.17	5.16	6.98	9.42	8.70	7.15	75.81
321	PINE CANYON PATROL STATION	L-24S	7.05	3.10**	1.81**	2.42	2.71	4.48**	6.93	7.58	INC.	N.R.	11.68	8.14	INC.
334B	COGSWELL DAM	L-24S	6.66	3.13*	1.96	2.60	2.29**	3.92**	5.24	6.20	8.02	10.84	9.79	7.85	68.50**
334B	COGSWELL DAM	F-36	7.39	3.50*	2.80*	3.05	2.48**	4.11**	N.I.	N.R.	N.R.	N.R.	N.R.	N.R.	INC.
336	SILVER LAKE RESERVOIR	L-24S	5.86	2.96	2.38	2.54	2.74	4.23	5.65	5.31	6.89	8.40	7.69	5.97	60.62
336	SILVER LAKE RESERVOIR	L-A4B	6.84	5.07	3.52	3.14	3.53	5.24	6.71	6.05	8.05	9.63	8.60	6.58	72.96
347	BALDWIN PARK EXPERIMENTAL STATION	L-72	4.46	2.44**	1.31*	1.50	1.86	3.12	4.18	4.57	5.70	7.10	7.22	5.13	48.59**
347	BALDWIN PARK EXPERIMENTAL STATION	L-24	5.87	2.10*	1.32*	1.86	2.16	4.03	5.49	5.95	7.48	8.59	9.51	6.78	61.14**
347	BALDWIN PARK EXPERIMENTAL STATION	L-24S	4.80	2.11*	1.17*	1.58**	1.73	3.08	4.52	4.89	6.31	7.40	8.04	5.53	51.16**
390B	MORRIS DAM	L-72P	6.28	2.28	1.65	2.35	2.33	3.80	5.18	5.52	7.32	9.36	8.62	6.70	61.40
407	NEWHALL U.S.F.S. HEADQUARTERS	L-24S	6.63	3.05	3.23*	3.90**	INC.	4.98*	5.75*	3.68	5.38	10.65	8.85	6.55	INC.
425B	SAN GABRIEL DAM	L-24	8.04	3.77*	2.58**	3.20	2.67**	4.25	5.68	5.46	3.75	9.29	7.90	6.84	63.44**
425B	SAN GABRIEL DAM	F-36	7.79	3.38**	2.52*	N.R.	N.R.	N.R.	N.R.	6.23	7.99	10.36	9.61	8.63	INC.
425B	SAN GABRIEL DAM	L-24S	9.34	4.20**	2.95**	3.73**	3.15**	4.88	6.34	5.90	8.02	10.29	8.80	7.85	75.45**
441C	PALMDALE – COUNTY ROAD MAINTENANCE YARD	L-24S	7.78	3.13	1.63*	1.85**	2.45	5.24	8.38	13.53	17.10	19.24	19.70	12.03	112.06**
444F	SOUTH COAST BOTANIC GARDENS	L-24S	5.05	2.24*	1.82*	2.60*	2.19	3.72*	5.90	5.50	5.15	6.45	7.05	5.08	52.75**
542	FAIRMONT	L-36P	10.68	5.00	2.04	2.87	3.61	6.77	10.30	12.52	16.27	18.65	18.75	12.32	119.78
794	LOWER FRANKLIN RESERVOIR	L-24S	7.79	3.74	3.55	4.01	3.91	5.08	6.40	5.77	7.41	9.16	8.58	7.34	72.74
802B	EAGLE ROCK RESERVOIR	L-A4B	7.54	3.32	3.10	3.88	3.76	5.05	5.78	5.07	7.39	9.03	8.12	6.58	68.62
1008	LA FRESA – SOUTHERN CALIFORNIA EDISON CO.	L-24S	INC.	2.46**	1.80*	2.49*	1.95**	2.99	3.98	4.49	5.41	5.98	6.01	4.74	INC.
1014D	RIO HONDO SPREADING GROUNDS	L-24S	4.73	1.85**	1.54**	1.52	1.84**	3.27	4.33	4.57	5.70	6.80	6.20	5.30	47.65**
1037	ARCADIA – ARBORETUM	L-24S	4.77	2.21*	1.49**	2.15**	2.01**	3.20	4.30	4.20	5.65	7.08	6.64	5.18	48.88**
1071B	DESCANSO GARDENS	L-24S	6.16	2.72	1.78	2.48	2.22	3.37	4.71	3.91	6.10	8.39	8.90	6.47	57.21
1087	GREEN VERDUGO PUMP PLANT	L-A4B	11.60	4.19	5.25	6.46	5.21	6.69	8.03	6.18	8.75	12.03	9.88	8.63	92.90

1966–67

STA. NO.	STATION	GAGE TYPE	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	SEAS. TOTAL
23	CHATSWORTH RESERVOIR	L-24S	5.63	2.02	2.50	2.67	2.99	2.31	3.67	6.40	6.04	8.89	10.23	6.68	60.03
33A	PACOIMA DAM	L-24S	7.52	4.29**	4.68**	4.88**	6.00	4.19**	3.31	5.74	5.25	7.70	8.88	6.06	68.50**
46D	BIG TUJUNGA DAM	L-24S	7.28	3.82**	3.32**	4.00	4.61	3.86**	2.66	5.77	5.83	9.90	10.70	7.47	69.22**
57B	OPID'S (CAMP HI HILL)	L-24S	2.82	.73*	INC.#	INC.#	INC.#	1.10**	INC.#	4.89	5.47	8.25	7.73	4.37	INC#
63B	SANTA ANITA DAM	L-24S	6.49	4.04**	3.70	3.45	4.06	3.84	2.72	5.42	4.52	7.61**	8.75	5.93	60.53**
89B	SAN DIMAS DAM	L-24S	4.60	2.22	1.58	1.73**	2.68	2.59	2.45	4.99	4.42	7.69	7.67	4.84	47.66**
96B	PUDDINGSTONE DAM	L-24S	4.69	2.64**	2.69	2.57	3.37	3.25**	3.00	5.36	5.18	8.57	8.91	5.91	56.14**
124B	BOUQUET CANYON	L-36P	7.65	3.61	3.27	3.52	4.66	3.84	3.07	7.24	7.10	11.83	11.60	8.45	75.84
223B	BIG DALTON DAM	L-24S	4.94	2.20	1.85	2.02	2.89	2.27**	2.12**	4.65	4.00	7.70	7.78	4.38	46.81**
237C	STONE CANYON RESERVOIR	L-24SP	7.27	3.14	5.02	4.14	4.77	3.98	2.89	6.43	5.78	7.69	8.39	5.74	65.23
261B	ACTON – ESCONDIDO CANYON	L-24S	7.77	3.66**	4.06	3.53	4.25	3.60**	2.74*	6.63	7.80	12.18	11.96	7.62	75.80**
292D	ENCINO	L-24S	6.57	3.12	3.05	3.43	4.11	4.04	4.39	6.75	6.37	9.00	9.44	6.72	66.99
293	VAN NORMAN LAKE – LOWER	L-24SP	7.85	3.53	5.64	6.03	5.27	4.27	3.60	6.58	5.41	8.52	9.49	6.07	72.26
321	PINE CANYON PATROL STATION	L-24S	5.63	2.80	2.10	2.28**	2.80	3.89**	2.78	6.03**	7.41**	10.68	9.55	6.72	62.67**
334B	COGSWELL DAM	L-24S	5.65	2.86	1.95	2.16	3.15	2.89	2.40	5.81	5.93	9.80	10.11	6.97	59.68
334B	COGSWELL DAM	F-36	N.R.	INC.	3.81	3.02**	4.64	3.47	2.93	6.25	6.46	10.13	10.52	8.27	INC.
336	SILVER LAKE RESERVOIR	L-24SP	4.89	2.31	2.52	2.48	3.26	3.81	3.74	5.64	5.40	7.46	7.82	5.51	54.84
336	SILVER LAKE RESERVOIR	L-A48P	5.47	2.70	3.05	3.14	4.32	4.79	4.52	7.18	6.61	9.25	9.32	6.10	66.45
347	BALDWIN PARK EXPERIMENTAL STATION	L-72	3.77	2.41	1.24**	1.25**	2.16	2.83	2.35	4.80**	4.67**	7.24	6.28	5.40	44.40**
347	BALDWIN PARK EXPERIMENTAL STATION	L-24	4.91	2.03	1.45**	1.44**	2.54	3.61	2.89	6.19**	5.82	8.64	7.52	6.60	53.64**
347	BALDWIN PARK EXPERIMENTAL STATION	L-24S	4.12	1.86	1.28**	1.28**	2.30	3.31	2.49	5.36	5.20	8.06	8.60	8.71	52.57**
390B	MORRIS DAM	L-72P	5.28	2.47	1.88	1.99	3.18	3.04	2.51	5.30	5.11	8.62	8.56	5.57	53.51
407	NEWHALL U.S.F.S. HEADQUARTERS	L-24S	5.74	3.38**	2.47**	3.25**	3.36	2.52	4.77	5.62	7.15	9.14	INC.	N.I.	INC.
425B	SAN GABRIEL DAM	L-24	5.98	3.43**	2.78	2.97	3.64	3.47	3.42	5.56	5.06	8.49	8.88	5.81	59.49**
425B	SAN GABRIEL DAM	F-36	7.23	3.83**	3.13*	3.16	4.06	3.46	2.93	5.70	5.67	9.33	9.55	6.43	64.48**
425B	SAN GABRIEL DAM	L-24S	7.28	4.17**	3.34	3.68	4.78	4.07	3.77	6.53	5.99	9.43	9.70	6.36	69.10**
441C	PALMDALE – COUNTY ROAD MAINTENANCE YARD	L-24S	7.35	3.40	2.43**	1.63*	3.03	5.83	6.02	10.54	8.98	12.10	10.93	8.05	80.29**
444F	SOUTH COAST BOTANIC GARDENS	L-24S	5.53	2.38	1.78**	1.90	2.15	3.05	3.44	5.77**	5.10	6.60	7.37	5.02	50.09**
542	FAIRMONT	L-36P	9.52	4.09	2.74	3.33	4.06	5.52	4.38	10.49	12.65	17.25	15.49	9.76	99.30
794	LOWER FRANKLIN RESERVOIR	L-24SP	6.79	3.61	3.78	3.77	4.37	4.50	4.28	6.40	6.50	8.23	9.04	6.66	67.93
802B	EAGLE ROCK RESERVOIR	L-A48P	6.05	3.55	3.73	3.82	4.54	4.44	4.00	6.36	5.46	8.70	9.25	5.84	65.74
1008	LA FRESA – SOUTHERN CALIFORNIA EDISON CO.	L-24S	3.69	2.04	1.52**	1.72	2.09	2.73	3.41	4.90	4.70	6.20	5.83	4.69	43.52**
1014D	RIO HONDO SPREADING GROUNDS	L-24S	4.18	N.R.	INC.	2.45	2.88	3.65	1.53	5.60	4.84**	6.58	7.65	5.18	INC.
1037	ARCADIA – ARBORETUM	L-24S	3.96	2.22**	1.82	1.74	2.32	2.57**	2.53	4.09	3.99	6.63	6.68	4.73	43.28**
1071B	DESCANSO GARDENS	L-24S	5.21	2.76	2.10	2.11	3.17	2.90	2.45**	5.02**	4.44	7.41	7.26	5.12	49.95**
1087	GREEN VERDUGO PUMP PLANT	L-A48P	9.44	4.67	5.42	6.02	6.90	5.16	4.36	8.09	6.71	10.63	11.56	6.66	85.62

LEGEND

L-24 LAND PAN 24" IN DIAMETER
L-24S LAND PAN 24" IN DIAMETER, SCREENED
L-24SP LAND PAN 24" IN DIAMETER, SCREENED - PRIVATELY OWNED
L-A4B LAND PAN 48" IN DIAMETER, USWB TYPE A
L-A48P LAND PAN 48" IN DIAMETER, USWB TYPE A - PRIVATELY OWNED
L-72 LAND PAN 72" IN DIAMETER
L-72P LAND PAN 72" IN DIAMETER, PRIVATELY OWNED
F-36 FLOATING PAN 36" SQUARE, USGS TYPE
F-36P FLOATING PAN 36" SQUARE, PRIVATELY OWNED
L-36P LAND PAN 36" SQUARE, PRIVATELY OWNED

* ESTIMATE > 10% OF TOTAL
** ESTIMATE < 10% OF TOTAL
# RECORDS INCOMPLETE, WATER IN PAN FROZEN
INC. INCOMPLETE RECORD
N.R. NO RECORD

AT STATION 802B EAGLE ROCK: PAN PAINTED ALUMINUM 7/1/56 - 7/19/60
PAN FIBERGLASS TREATED 7/19/60 TO DATE
AT STATION 1087 GREEN VERDUGO: PAN PAINTED GREY 6/21/56 - 2/7/62
PAN PAINTED ALUMINUM 2/7/62 TO DATE

RUNOFF RECORDS

RUNOFF

FOREWORD

This is the 26th annual or biennial report on runoff published since the inception of the Hydraulic Division in April, 1927[1]. These reports cover 40 years of records on various streams and channels throughout the District.

VALUE OF RECORDS

Runoff records furnish the basic data necessary for:

1. Flood data.
2. Design and operation of dams, debris basins, and spreading grounds.
3. Determination of the available water supply and conservation thereof by ground-water replenishment.
4. Determination of the quantity of industrial and natural waste.
5. Distribution of water under water rights.

SUMMARY

Both of the two seasons for which data are presented in this report were above average with respect to rainfall and stream discharge. In the 1965-66 water-year, storms were largely confined to the months of November and December. During the second year runoff from storms was distributed from November through April.

The storms of November 1965 produced nearly half of the total runoff for the 1965-66 season in the urbanized valley areas. In the undeveloped mountains, the November storms produced about one quarter of the annual total. An intense storm in December 1965 produced peak flows which exceeded the maximums of record in some areas. Throughout the District the December peaks were higher than had been experienced for many years.

Runoff from valley streams totaled about the same in 1966-67 as in 1965-66. Peak flows were not excessive in 1966-67 with the exception of those which were the result of a thunder-shower in the vicinity of Big Dalton-Live Oak Canyons on December 6.

Most of the water that wastes to the ocean is measured at seven District stations. These measure, in addition to storm flow, the industrial wastes which are not affected by rainfall. The total amounts of ocean waste measured are shown on Table XIV.

(1) Records prior to 1927 on some streams are available in either the office of the United States Geological Survey, Water Resources Division, or in the office of the State of California, Department of Water Resources. Reference to these records, if available, can be found under "Station Descriptions" herein published.

The following tabulation shows the yield from the relatively impervious industrialized and subdivided valley areas as compared to the mountainous areas:

	Developed Valley Area Percent of Average		San Gabriel Mountains Percent of Average	
Season	Runoff (1)	Precip.	Runoff (2)	Precip.
1965-66	180.	120.	220.	140.
1966-67	190.	140.	240.	150.

(1) Based on period of record of Alhambra Wash and Ballona Creek drainage areas.
(2) Based on period of record of San Gabriel River and Arroyo Seco drainage areas.

BURNED AREAS

All fires which burned more than 50 acres during the two seasons of this report are shown on Maps IV a and IV b. The total acres burned in each fire are shown on Table XII.

EXTENT AND METHOD OF COLLECTING AND PRESENTING DATA

I. Distribution of Water-Stage Recording Stations by Watersheds.

The Flood Control District operated 100 water-stage recording stations during the 1965-66 and 1966-67 seasons, of which 91 were published streamflow stations. The remaining 9 are hydrologic study and spreading ground stations only, and the records are not published. The stations were distributed throughout the County as follows:

Drainage Area	No. of Stations
Los Angeles River	26
San Gabriel River	29
Rio Hondo	22
Ballona Creek	2
Santa Monica Mountains – Coastal	3
Santa Clara River	6
San Antonio Creek	7
Antelope Valley	3
Dominguez Channel	2
Total	100

The location of each station is shown on Map III.

II. Types of Controls

The types of controls at which the gaging stations are located are listed below in order predominance:

1. Concrete-lined or riprap channels with no definite control.
2. Artificial controls – concrete, placed rock, flumes and weirs.
3. Natural sections – shifting sand and gravel, clay or permanent rock.

III. Types of Recorders Used

Flow stage is recorded by various types of recorders on printed charts. Some recorders are equipped with weekly charts; however, the majority of the recorders use a continuous type chart. The most common installation involves the use of a stilling well with the recorder actuated by a float. Recently, several gaging stations have been built which use gas-pressure servo-manometers, thus eliminating the need for stilling wells. Factors which determine the choice of instrumentation include the gage-height range and time scale required, the importance of the record, and the practicability of frequent access by a District Hydrographer. Recorders in use include: Stevens Types A-35, L and F; Au; and H.C.F. The H.C.F. recorder was designed and developed in the Instrument Section of the District's Hydraulic Division.

IV. Records of Streamflow Recording Stations

Records from recording stations are, in general, published under each station heading in two sections, giving the following information:

1. Station descriptions which present pertinent data regarding location, drainage areas, channels, controls, regulations, diversions, available records, extremes of discharge, accuracy of records, and operations. These descriptions are continually being updated to reflect the latest available information. Therefore, a change from previous issues does not necessarily mean that the station was moved.

2. Daily discharge tabulations which show the mean daily runoff in second-feet, total monthly and yearly runoff in acre-feet.

3. The compilation of discharge records at recording stations depends to a large extent on measurements of discharge; during the 1965-66 season 3408 measurements were made and in 1966-67 there were 3790. The basic data for measurements and storm hydrographs are available at the District office.

4. A summary of the records of the District gaging stations contained in this report will be found in Table XIII.

V. Records Provided by other Agencies

Included in this report, as additional information, are the records of 17 permanent streamflow recording stations owned and operated by the following agencies:

Owned by	Stations
United States Geological Survey, Water Resources Division	6
United States Corps of Engineers	6
Ventura County	1
San Gabriel River Water Committee	1
Metropolitan Water District	2
San Bernardino County Flood Control District	1

The Flood Control District cooperates with these agencies by taking streamflow measurements to assist in developing station rating data. During the seasons covered by this report, 339 such measurements were taken. The United States Geological Survey publishes the records of 22 District stations in their Water Supply Papers for Pacific Slope Basins in California.

VI. Non-Recording Stations

Streamflow measurements are made periodically at places where no recording instruments are maintained. These measurements are made for some specific purpose and in general indicate base flow conditions of a stream rather than storm flows. They are published herein as "Staff Gage Stations," "Rising Water at Whittier Narrows," "Miscellaneous Measurements," and "Percolation Data." There were 1349 discharge measurements taken at 23 staff gage stations including those used in the determination of rising water at Whittier Narrows. Because of the importance of flows originating from groundwater in the Whittier Narrows area, tabulations of mean daily discharge have been included along with a graph showing the mean monthly discharge over a period of 45 years.

Data from 2711 miscellaneous streamflow measurements made in various drainage areas within the County are published. Numerous sets of percolation measurements were taken on selected reaches of seven streams.

VII. Limitations

In those cases where incomplete recorder records were obtained, estimates are made by comparison with other flow records and rainfall data, or by interpolation between known or measured values. In the tabulation of mean daily runoff, incomplete totals are avoided by estimating any missing or unreliable records. It is believed that approximating missing current data is more satisfactory than leaving records incomplete. Familiarity with a current season's runoff characteristics facilitates making such estimates, whereas reconstruction from available data in later years would be much more difficult.

RESPONSIBILITY

The collection of field data was the responsibility of the following District Hydrographers, Grade II:

1	E. K. DeVore	4A	A. J. Falcone
2	R. J. Sarasua	5	R. A. Petersen
2A	J. P. Roy	6	D. W. Bowman and B. J. McBride
3	R. V. Wood	7 & 8	J. R. Hyde
3A	R. L. Brook	9 & 10	H. R. Whisler and D. W. Bowman
4	M. L. Sjostedt		

The above District Hydrographers were assisted by the following Hydrographers, Grade I.

J. S. Carlton	D. K. Harvey
D. S. Carpenter	J. S. Luyendyk
C. J. Daleo	B. J. McBride
S. Delgadillo	F. Mead III
J. L. Faber	J. A. Singer
A. J. Falcone	D. M. Schultz (Assoc. C.E.)

During storm periods the Hydrographers were assisted by the following Operation and Maintenance Division personnel:

B. E. Arellanes	B. G. Hubbard
R. D. Cochran	J. Johnson
D. D. Driggs	R. LeGrand
D. R. Foster	V. I. Medina
J. C. Freitas	E. R. Provencio
A. O. Gaetz	S. E. Rector
M. R. Georgi	R. H. Roberts
H. G. Hammond	R. J. Thibodeau
R. L. Holleran	R. A. Winder

The field work and compilation of records were under the immediate supervision of R. E. Lindsay, Section Head, Reservoir and Runoff Section, assisted by S. E. Blakely and F. E. Stunden. Preparation of the report for 1965-66 and 1966-67 was supervised by R. E. Lindsay, assisted by S. E. Blakely.

Field work and office work were under the direction of M. F. Burke, Division Engineer, Hydraulic, from October 1, 1965 to June 30, 1966 and J. H. Brown, Division Engineer, subsequent to June 1966.

LEGEND

Stations are designated by numbers to which prefixes and suffixes are added to indicate ownership, operating agency, and type of station. The letters used have the following connotations:

Prefix F - indicates the stations owned and operated by the Los Angeles County Flood Control District.

Prefix B - indicates a station owned by the San Bernardino County Flood Control District and operated by the Los Angeles County Flood Control District.

Prefix E - indicates station owned and operated by the Corps of Engineers, Department of the Army.

Prefix U - indicates stations owned and operated by the United States Geological Survey, Water Resources Branch.

Prefix P - indicates stations owned and operated by the District, formerly operated by the Pasadena Water Department.

Prefix L - indicates station owned and operated by the District, formerly operated in cooperation with the Little Rock-Palmdale Irrigation District.

Prefix M - indicates station owned and operated by the Metropolitan Water District.

Prefix S - indicates station owned and operated by the San Gabriel River Water Committee.

Prefix V - indicates station owned and operated by the Ventura County Water Resources Division.

Suffix R - indicates a recorder station.

Suffix S - indicates a staff gage station.

Suffix B - indicates that the station has been moved. B represents second location, C, a third location etc.

In working up the chart gage height record, the following legend is used for indicating estimates:

"a" - No gage height record due to recorder or clock failure.

"b" - No gage height record due to obstructed communication or sanded well.

"c" - Gage height record affected by backwater.

"d" - Gage height record doubtful.

"e" - Other types of estimates.

"f" - Gage height record partly estimated. (Estimated part represents less than 75 percent of the flow; otherwise, a, b, c, or d is used.)

"v" - Gage height-discharge relation failed due to extreme and undetermined shift or unusual drawdown in stilling well.

These letters are placed in the discharge column; letters are not used if the estimated portion of the record represents less than 10 percent of the mean daily flow or if the total flow is estimated at .05 cfs or less.

Zero gage height elevations shown in the station descriptions are based on U.S.G.S. mean sea level datum.

ACCURACY

The mean daily runoff tabulations are qualified under "Accuracy" in the Station description. "Excellent" indicates that error in the record is probably less than 5 percent. "Good" indicates a possible error greater than 5 percent but probably less than 10 percent. "Fair" indicates a possible error greater than 10 percent but probably less than 20 percent. "Poor" indicates a possible error greater than 20 percent.

LEGEND
RECORDING STATION
STAFF GAGE STATION
U U.S.G.S. STATION
L FORMERLY LITTLE ROCK PALMDALE IRRIGATION DISTRICT STATION
P FORMERLY PASADENA WATER DEPARTMENT STATION
S SAN GABRIEL RIVER WATER COMMITTEE STATION
E CORPS OF ENGINEERS STATION
B SAN BERNARDINO COUNTY STATION
C D.W.R. STATION
V VENTURA COUNTY STATION
STREAM GAGING DISTRICT BOUNDARY
M METROPOLITAN WATER DISTRICT STATION
A POMONA VALLEY PROTECTIVE ASSOCIATION
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
STREAM
GAGING STATIONS
AND
HYDROGRAPHIC DISTRICTS
APPROVED BY
CHIEF ENGINEER
SUBMITTED BY
CHIEF - HYDRAULIC DIVISION
RECOMMENDED BY
ASSISTANT CHIEF DEP. ENG.
DATE
JUNE, 1958
MAP III
PACIFIC OCEAN
ANTELOPE VALLEY
MOJAVE DESERT
SAN GABRIEL MOUNTAINS
SANTA SUSANA MOUNTAINS
SANTA MONICA MOUNTAINS
PORTAL RIDGE
LIEBRE MOUNTAIN
SAWMILL MOUNTAIN
ROSAMOND LAKE
LOS ANGELES
Neenach
Fairmont
Lancaster
Del Sur
Palmdale
Little Rock
Acton
Saugus
Newhall
San Fernando
Glendale
Burbank
Pasadena
Hollywood
Beverly Hills
Santa Monica
Culver City
Baldwin Hills
Inglewood
El Segundo
Hawthorne
Manhattan Beach
Redondo Beach
Torrance
Long Beach
San Pedro
Compton
Lynwood
South Gate
Huntington Park
Montebello
Whittier
Monterey Park
Baldwin Park
Glendora
Covina
Pomona
Claremont
Laverne
Arcadia
Monrovia
Sierra Madre
Altamira
San Gabriel
Dominguez Hills
Palos Verdes Hills
Whittier Narrows Dam
SCALE
MILES

TABLE XII

BURNED AREAS

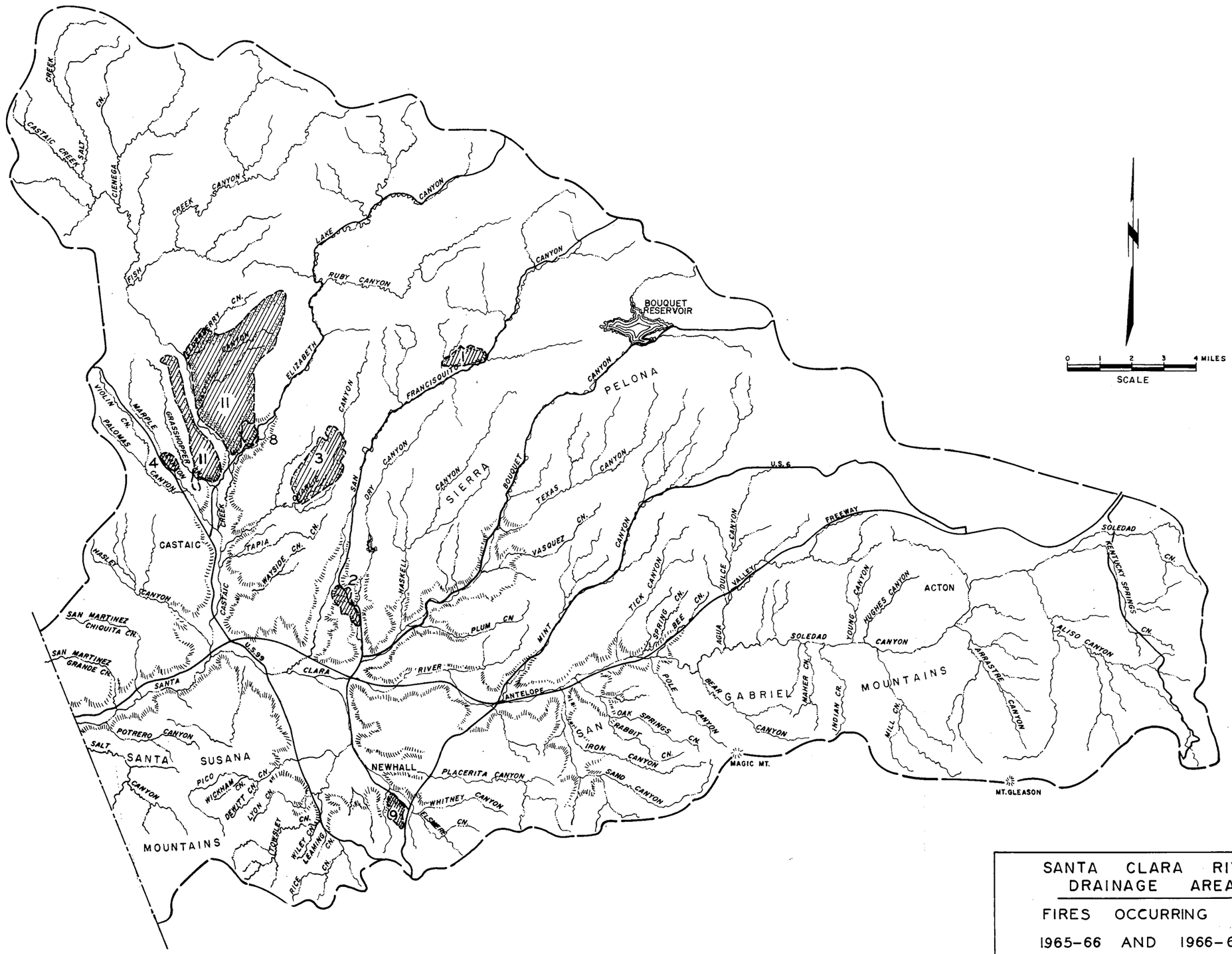
SEASONS 1965–66 AND 1966–67

I PERIOD 10/1/65 TO 9/30/66
(FIRES WHICH BURNED OVER 50 ACRES)

MAP REFERENCE	NAME	DATE	ACRES BURNED
1	BEE	10/20/65	401
2	DRY CANYON	6/30/66	266
3	CHARLIE CANYON	9/11/66	1,610
4	MARPLE CANYON	9/15/66	73
BURNS LESS THAN 50 ACRES (15 FIRES)		VARIOUS	282
		TOTAL ACRES BURNED	2,632

II PERIOD 10/1/66 TO 9/30/67
(FIRES WHICH BURNED OVER 50 ACRES)

MAP REFERENCE	NAME	DATE	ACRES BURNED
5	LOOP	11/1/66	2,200
6	DAYTON CANYON	11/1/66	280
7	LAKE MANOR	11/1/66	71
8	LYON	7/18/67	100
9	PASS	7/20/67	250
10	SHOSHONE	8/29/67	150
11	BRICK YARD	8/29/67	5,900
12	SUNLAND	8/29/67	50
BURNS LESS THAN 50 ACRES (6 FIRES)		VARIOUS	181
		TOTAL ACRES BURNED	9,182

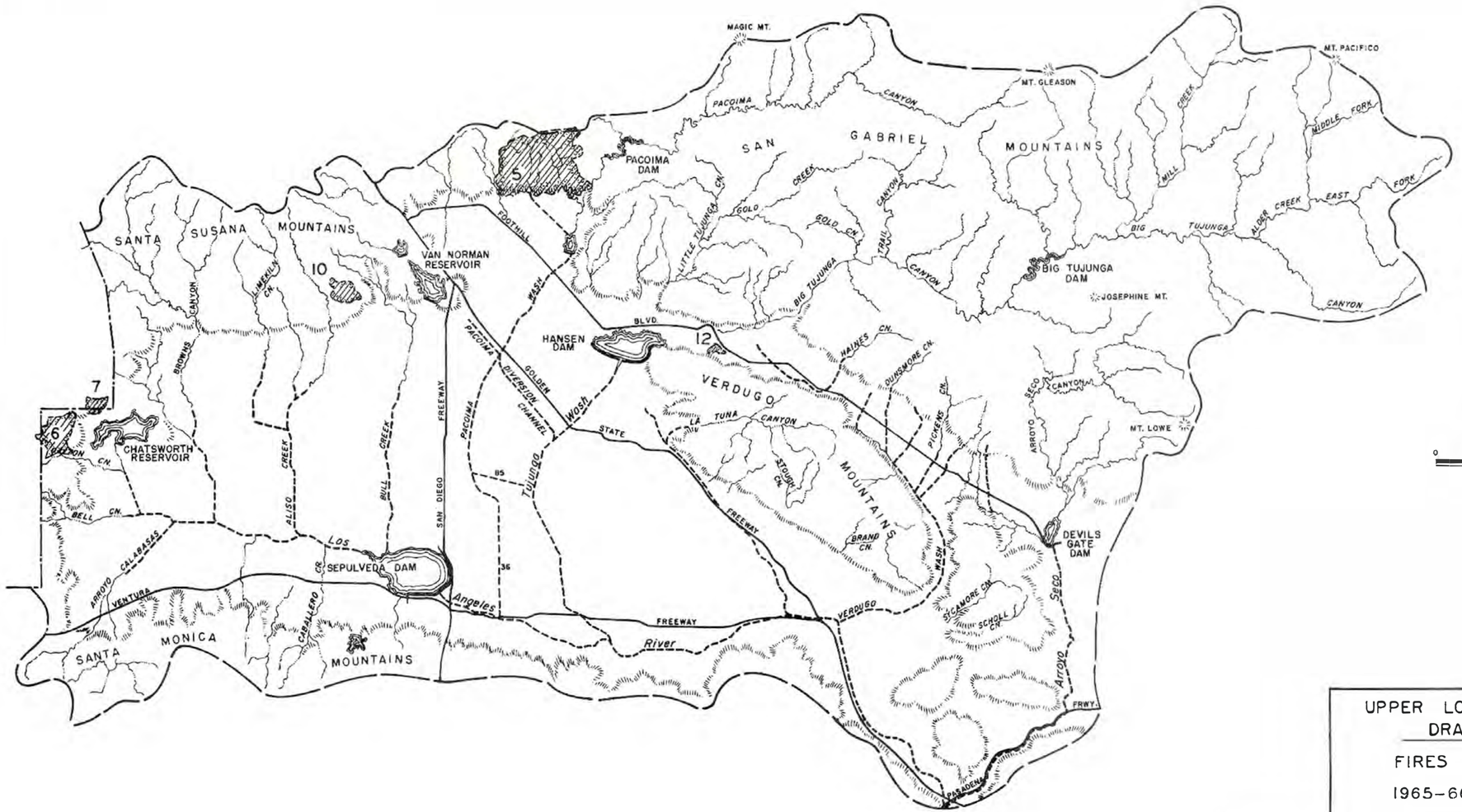


SANTA CLARA RIVER DRAINAGE AREA

FIRES OCCURRING IN 1965–66 AND 1966–67 WATER YEARS

MAR. 1967 H.N.		
REVISION	DATE: DEC., 1963	DRAWN BY: M.K.I.

MAP IV-A



UPPER LOS ANGELES RIVER DRAINAGE AREA

FIRES OCCURRING IN 1965–66 AND 1966–67 WATER YEARS

MAR. 1967 H.N.			
REVISION	DATE: DEC., 1963	DRAWN BY: M.K.I.	

MAP IV-B

STATION F81D-R
ALHAMBRA WASH near Klingerman Street

LOCATION: LAT. 34°03'20", LONG. 118°05'10" ON THE LEFT (EAST) SIDE OF THE CHANNEL, 250± FEET ABOVE KLINGERMAN STREET AND 2650 FEET BELOW GARVEY AVENUE, SOUTH SAN GABRIEL. ELEVATION OF ZERO GAGE HEIGHT 243.74 FEET.

DRAINAGE AREA: 14.5 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL – CONCRETE, 40 FEET WIDE BY 12.7 FEET DEEP TO BOTTOM OF INVERT WITH 0.5 FOOT FILLETS AT VERTICAL SIDE WALLS. CONTROL – CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO JUNE 1, 1967 AND JULY 13, 1967 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: AT STATION F81-R - JANUARY 14, 1930 TO SEPTEMBER 30, 1934.
AT STATION F81B-R - OCTOBER 1, 1934, TO FEBRUARY 25, 1935.
AT STATION F81C-R - FEBRUARY 25, 1935 TO APRIL 27, 1936.
AT STATION F81B-R - APRIL 27, 1936, TO MAY 22, 1936.
AT STATION F81D-R - SEPTEMBER 2, 1936 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 3520. SECOND-FEET NOVEMBER 24.
MINIMUM: 0.3 SECOND-FOOT APRIL 10.

1966-67
MAXIMUM: 3550. SECOND FEET JANUARY 22.
MINIMUM: 0.3 SECOND-FOOT AT VARIOUS TIMES.

1929-67
MAXIMUM: 5010. SECOND-FEET MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED, OPERATED AND RECORDER HOUSE CONSTRUCTED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT. STILLING WELL AND COMMUNICATION CHANNEL CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS.

REMARKS: A NEW CONCRETE-BLOCK RECORDER HOUSE WAS CONSTRUCTED IN JUNE, 1967.

150714M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F81D-R

Daily discharge, in second-feet of ALHAMBRA WASH near Klingerman Street, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.6	0.9	1.4	1.4	15.5	0.6	0.9	0.6	1.1	0.9	1.1	1.1
2	0.6	0.9	1.4	1.4	2.6	0.4	1.1	0.9	1.1	0.9	1.1	0.9
3	0.6	0.6	1.4	1.1	1.8	0.6	0.9	1.1	1.1	0.9	1.1	0.9
4	0.9	0.6	1.4	1.1	1.6	0.9	0.9	0.9	1.1	0.9	1.1	0.6
5	1.1	0.6	1.4	1.6	1.6	0.9	0.9	0.9	1.1	1.1	1.1	0.6
6	0.9	0.6	1.4	1.4	169	0.9	0.9	0.9	1.4	1.1	0.9	0.9
7	0.9	0.9	1.6	1.1	2.6	0.9	0.9	0.9	1.4	0.9	0.9	0.9
8	0.6	1.1	1.6	1.1	2.3	1.1	0.9	0.6	1.4	0.9	0.9	0.6
9	1.1	0.9	109	1.1	2.3	1.1	0.9	10.2	1.1	0.9	1.1	0.6
10	0.6	0.6	29	1.1	2.1	1.1	0.3	0.6	1.4	0.6	1.1	0.9
11	0.9	0.4	1.8	1.1	1.6	0.9	0.4	0.6	1.4	0.6	1.1	0.6
12	0.9	0.6	60	1.1	1.4	1.1	0.4	0.6	1.1	0.9	0.9	0.6
13	0.9	0.4	2.1	1.1	1.1	0.9	0.6	0.6	1.4	0.9	0.9	0.9
14	1.1	111	41	1.4	0.9	0.6	0.6	0.6	1.4	0.9	0.6	0.6
15	0.9	196	1.6	1.1	0.9	1.1	0.4	0.4	1.4	0.9	0.6	0.6
16	0.6	351	1.6	0.9	0.6	1.1	0.4	0.6	1.4	1.1	0.9	0.9
17	0.6	393	1.6	0.9	0.6	0.6	0.4	0.6	1.4	0.6	0.9	0.6
18	0.6	48	1.4	1.1	0.9	0.6	0.4	0.6	1.4	1.4	0.9	26
19	0.6	2.1	1.4	1.1	1.1	0.6	0.6	0.9	1.1	1.6	0.9	15.4
20	0.9	2.1	1.4	1.1	0.6	0.4	1.1	1.1	1.1	1.6	0.9	1.4
21	0.9	1.8	1.4	0.9	0.6	0.4	1.1	1.1	0.9	1.8	0.9	1.1
22	0.9	686	2.2	0.9	0.6	0.6	1.1	1.4	0.9	1.8	0.6	1.1
23	0.9	32	1.6	0.9	0.9	0.6	1.1	1.4	1.1	1.8	0.6	1.4
24	0.6	219	1.4	1.1	0.6	54	0.9	1.4	0.9	1.1	0.9	1.1
25	0.6	57	1.1	1.1	0.9	32	0.6	1.6	0.9	1.8	0.9	0.9
26	0.9	1.8	1.1	1.4	0.9	0.9	0.9	1.8	0.6	1.8	0.9	0.6
27	0.9	1.4	1.1	1.4	0.6	0.4	0.9	1.8	0.6	1.8	1.1	1.1
28	0.9	1.1	1.4	1.4	0.6	0.4	0.6	1.4	0.9	1.8	0.9	1.1
29	0.9	1.1	748	1.4		0.6	0.9	1.1	0.9	1.1	1.1	5.3
30	0.9	1.4	4.7	137		0.6	0.9	1.1	0.9	1.1	1.1	1.6
31	0.9		4.5	2.3		0.9		1.4		0.9	1.1	
	25.2	2119.9	1031.0	173.1	216.8	107.8	22.9	39.7	33.9	36.4	29.1	70.9
MEAN	0.81	70.7	33.3	5.58	7.74	3.48	0.76	1.28	1.13	1.17	0.94	2.36
ACRE-FEET	50.	4,200.	2,040.	343.	430.	214.	45.	79.	67.	72.	58.	141.

Remarks:

YEAR OR PERIOD MEAN 10.7
ACRE-FEET 7,740.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F81D-R

Daily discharge, in second-feet of ALHAMBRA WASH near Klingerman Street, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.1	1.1	0.6	0.4	1.1	0.6	130	0.9	a 1.0	a 1.0	0.6	20
2	1.6	0.9	135	0.4	1.1	0.6	4.0	0.9	1.0	1.0	0.6	b 1.0
3	1.6	0.9	328	0.6	0.9	0.6	0.9	0.9	1.0	1.0	0.4	1.0
4	1.4	0.9	12.6	1.4	0.9	7.7	17.3	0.9	1.0	1.0	0.6	1.0
5	1.6	0.9	259	1.6	0.9	0.6	0.9	1.1	1.0	1.0	0.4	1.0
6	1.4	4.9	270	1.4	1.1	0.6	1.1	1.4	1.0	1.0	0.4	1.0
7	1.6	507	4.6	1.1	0.9	0.9	26	1.1	1.0	1.0	0.4	b 1.0
8	1.4	3.8	1.6	1.1	0.9	0.9	0.9	1.1	1.0	1.0	0.4	1.8
9	1.4	1.8	1.4	0.9	1.4	0.9	1.4	1.4	1.0	1.0	0.6	1.4
10	2.2	1.8	0.9	1.1	0.9	1.4	0.6	1.4	1.0	1.0	0.6	0.9
11	1.4	1.1	0.6	1.1	0.6	73	146	1.1	1.0	0.8	0.4	0.9
12	b 1.4	1.4	0.4	1.4	0.6	150	1.4	1.1	1.0	0.8	0.4	0.9
13	1.4	1.1	0.9	1.4	0.6	125	1.1	1.1	1.0	0.8	0.4	0.9
14	1.1	0.9	1.1	1.4	0.9	32	0.9	1.1	1.0	0.8	0.4	0.9
15	0.9	0.9	0.6	0.9	0.9	0.9	0.6	1.1	1.0	0.8	0.4	1.1
16	1.4	0.9	0.6	0.9	0.9	0.4	0.6	1.6	1.0	0.8	0.6	1.1
17	0.9	0.9	0.6	1.1	0.9	0.4	0.9	1.6	1.0	0.8	0.9	0.9
18	1.1	0.9	0.4	1.1	0.9	0.4	115	1.4	1.0	0.8	0.9	0.9
19	1.1	0.9	0.6	0.9	0.9	0.4	40	1.4	1.0	0.8	0.9	1.1
20	1.1	3.8	0.6	0.9	1.1	0.9	11.0	1.1	1.0	a 0.6	0.9	0.9
21	1.4	0.9	0.6	0.9	1.1	0.9	147	1.1	1.0	0.6	0.9	0.9
22	1.4	2.8	0.9	662	1.1	1.1	52	1.1	1.0	0.6	0.9	1.1
23	1.1	0.9	0.9	18.8	1.1	1.4	1.4	1.4	1.0	0.6	0.9	1.1
24	1.4	0.4	0.6	630	1.1	1.1	52	1.1	1.0	0.9	0.9	0.9
25	1.4	0.6	0.6	14.1	4.7	1.1	1.4	1.6	1.0	0.6	1.1	0.9
26	1.4	0.6	0.6	1.4	0.6	0.9	0.9	1.8	1.0	0.6	0.9	2.5
27	1.6	0.3	0.4	0.6	0.6	0.9	0.6	1.4	1.0	0.6	0.9	0.9
28	1.6	0.3	0.9	0.4	0.6	0.9	7.5	1.4	1.0	0.4	0.9	15.9
29	1.4	0.6	0.9	0.6		0.9	0.9	1.1	1.0	0.4	0.9	0.6
30	0.9	0.6	0.9	27		0.9	0.6	0.9	a 1.0	0.4	0.9	0.4
31	0.9		0.9	4.2		64		3.8		0.4	0.9	
	42.6	549.8	1,028.3	1381.1	29.3	472.3	764.9	40.4	30.0	23.9	21.3	64.9
MEAN	1.37	18.3	33.2	44.6	1.05	15.2	25.5	1.30	1.00	0.77	0.69	2.16
ACRE-FEET	84.	1,090.	2,040.	2,740.	58.	943.	1,520.	80.	60.	47.	42.	129.

RECORDER REMOVED FOR CONSTRUCTION OF NEW SHELTER

Remarks:

YEAR OR PERIOD MEAN 12.2
ACRE-FEET 8,820.

STATION M340-R
ALHAMBRA WASH - METROPOLITAN WATER DISTRICT OUTLET
near Rush Street

LOCATION: LAT. 34°03'06", LONG. 118°04'59", ON THE METROPOLITAN WATER DISTRICT MIDDLE FEEDER OUTLET TO ALHAMBRA WASH AND ON THE LEFT (EAST) SIDE OF THE CHANNEL, 300 ± FEET NORTH OF RUSH STREET, SOUTH SAN GABRIEL.

RECORDER: A CONTINUOUS TOTALIZING RECORDER WITH VENTURI CONTROL WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - ENTIRELY REGULATED BY A GATED OUTLET ON THE METROPOLITAN WATER DISTRICT MIDDLE FEEDER.

RECORDS AVAILABLE: MARCH 28, 1958, TO SEPTEMBER 30, 1967.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE METROPOLITAN WATER DISTRICT IN COOPERATION WITH THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

MONTHLY DISCHARGE IN ACRE-FEET:

AMOUNTS SHOWN ARE AS OF MIDNIGHT ON THE LAST DAY OF THE MONTH. APPROXIMATE MEAN DAILY FLOWS ARE AVAILABLE AT THE DISTRICT OFFICE.

	1965-66	1966-67
OCTOBER	6,410.	8,270.
NOVEMBER	3,840.	3,180.
DECEMBER	2,940.	492.
JANUARY	0	2,590.
FEBRUARY	4,400.	3,140.
MARCH	6,970.	1,880.
APRIL	10,160.	5,790.
MAY	5,970.	7,970.
JUNE	4,910.	2,730.
JULY	0	0
AUGUST	8,420.	1,160.
SEPTEMBER	8,090.	9,060.
	62,110.	46,260.

STATION F375–R

ALISO CANYON CREEK near Blum Ranch

LOCATION: LAT. 34° 27' 40", LONG. 118° 09' 25", ON THE RIGHT (EAST) BANK, AT ALISO CANYON ROAD CROSSING AND ABOUT TWO MILES EAST OF ACTON. ELEVATION OF ZERO GAGE HEIGHT 2,884.55 FEET.

DRAINAGE AREA: 23.7 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - ROCK, SAND AND GRAVEL. CONTROL- ASPHALT COVERED CONCRETE DIP CROSSING.

DISCHARGE MEASUREMENTS: ALL FLOWS MEASURED BY WADING.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM JANUARY 20, 1966 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: JANUARY 20, 1966 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 555 SECOND-FEET ESTIMATED DECEMBER 29,
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966–67
MAXIMUM: 219 SECOND-FEET DECEMBER 6
MINIMUM NO FLOW AT VARIOUS TIMES.

1965–67
MAXIMUM: 555 SECOND-FEET ESTIMATED DECEMBER 29, 1965.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: FAIR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F375-R

Daily discharge, in second-feet of ALISO CANYON CREEK near Blum Ranch, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1					3.0	1.6	0.6	+	0	0	0	0
2					2.4	1.4	0.6		0	0	0	0
3					2.2	1.4	0.5		0	0	0	0
4					2.0	1.4	0.5		0	0	0	0
5					2.0	1.4	0.4		0	0	0	0
6					10	1.3	0.4		0	0	0	0
7					6.0	1.3	0.4		0	0	0	0
8					4.0	1.3	0.4		0	0	0	0
9					3.0	1.3	0.3		0	0	0	0
10					3.0	1.3	0.3		0	0	0	0
11					3.0	1.3	0.3		0	0	0	0
12					3.0	1.2	0.3		0	0	0	0
13					3.0	1.2	0.2		0	0	0	0
14					3.0	1.2	0.2		0	0	0	0
15					3.0	1.1	0.2		0	0	0	0
16					3.0	1.1	0.2		0	0	0	0
17					3.0	1.1	0.2		0	0	0	0
18					3.0	1.1	0.2		0	0	0	0
19					3.0	1.1	0.2		0	0	0	0
20				RECORD STARTS	3.0	1.0	0.2	+	0	0	0	0
21				2.0	3.0	1.0	0.2	0	0	0	0	0
22				2.0	3.0	1.0	0.2	+	0	0	0	0
23				2.0	3.0	1.0	0.2	+	0	0	0	0
24				2.0	3.0	1.0	0.2	+	0	0	0	0
25				2.0	2.8	0.9	0.2	0	0	0	0	0
26				2.0	2.6	0.9	0.2	0	0	0	0	0
27				2.0	2.3	0.8	0.1	0	0	0	0	0
28				2.0	2.0	0.8	0.1	0	0	0	0	0
29				2.0		0.7	0.1	0	0	0	0	0
30				6.0		0.7	0.1	0	0	0	0	0
31				4.0		0.7		0		0	0	
				28.0	89.3	34.6	8.2	+	0	0	0	0
MEAN				INC.	3.19	1.12	0.27	+	0	0	0	0
ACRE-FEET				INC.	177.	69.	16.3	+	0	0	0	0

Remarks: + = 0.05 CFS OR LESS.

YEAR OR PERIOD MEAN INC.
ACRE-FEET INC.

76D74M Gfb 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F375-R

Daily discharge, in second-feet of ALISO CANYON CREEK near Blum Ranch, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	e 0.1	5.9	e 0.4	7.9	13	2.9	0.6	0	0.6
2	0	0	+	0.1	3.6	0.4	7.8	22	2.9	0.5	0	4.3
3	0	0	4.6	0.1	3.3	0.4	4.0	22	2.9	0.5	0	0.2
4	0	0	0.1	0.1	3.3	0.3	4.9	12	2.9	0.4	0	0.1
5	0	0	2.9	0.1	2.6	0.3	4.3	12	2.6	0.4	0	+
6	0	0	88	0.1	1.2	0.3	4.3	12	2.6	0.4	0	
7	0	0	32	0.1	1.2	0.2	3.4	12	2.6	0.4	0	
8	0	0	3.6	0.1	0.9	e 0.2	12	12	2.6	0.2	0	
9	0	0	1.9	0.1	1.2	0.2	16	12	2.9	0.1	0	
10	0	0	1.2	0.1	1.2	0.2	16	11	2.9	0.4	0	
11	0	0	0.4	0.1	0.9	2.2	18	11	2.9	0.2	0	+
12	0	0	0.5	0.1	1.2	3.4	16	11	2.9	0.1	0	0
13	0	0	0.3	0.1	0.9	15	10	9.4	2.6	0.1	0	0
14	0	0	0.4	0.1	0.8	22	11	9.4	2.3	0.1	0	0
15	0	0	0.2	0.1	0.8	6.8	11	9.4	1.9	0.1	0	0
16	0	0	0.2	0.1	0.8	6.8	11	7.6	1.6	+	0	0
17	0	0	0.2	0.1	0.6	5.1	11	5.9	1.2	+	0	0
18	0	0	0.2	0.1	0.7	5.1	12	7.6	1.2	0	0	0
19	0	0	0.2	0.1	0.7	5.1	12	9.4	1.6	0	0	0
20	0	0	0.2	0.1	0.6	3.6	12	7.6	1.2	0	0	0
21	0	0	0.2	e 0.1	0.5	4.0	20	5.1	0.9	0	0	0
22	0	0	0.2	12	0.5	2.9	53	5.9	0.9	0	0	0
23	0	0	0.2	5.1	e 0.6	2.6	23	4.3	1.2	0	3.2	0
24	0	0	0.2	44	0.6	2.6	19	4.3	1.2	0	1.6	0
25	0	0	0.2	29	0.6	2.9	12	4.3	1.2	0	0.1	0
26	0	0	0.2	14	0.6	2.9	12	4.3	0.9	0	0.1	0
27	0	0	0.2	11	0.5	2.6	16	5.1	0.9	0	0.3	+
28	0	0	0.2	12	e 0.5	2.3	16	9.2	0.8	0	0.3	
29	0	0	0.2	11		1.9	19	5.1	0.7	0	+	
30	0	0	0.2	8.4		1.9	13	3.6	0.7	0	+	+
31	0		0.2	5.1		3.5		3.3		0	+	
	0	0	139.3	153.7	35.8	108.1	415.6	283.8	56.6	4.5	5.6	5.2
MEAN	0	0	4.49	4.96	1.31	3.49	13.9	9.15	1.89	0.14	0.18	0.17
ACRE-FEET	0	0	276.	305.	73.	214.	824.	563.	112.	8.9	11.	10.

Remarks:

YEAR OR PERIOD MEAN 3.31
ACRE-FEET 2400.

STATION 152B-R

ALISO CREEK below Nordhoff Street

LOCATION: LAT. 34°14'07", LONG. 118°32'48", ON THE LEFT (EAST) BANK, 147 FEET BELOW NORDHOFF STREET AND 3,600 FEET WEST OF RESEDA AVENUE; ABOUT 1 MILE NORTHWEST OF NORTHRIDGE. ELEVATION OF ZERO GAGE HEIGHT 814.79 FEET.

DRAINAGE AREA: 7.61 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - CLAY AND SAND, BOTTOM 44 FEET WIDE WITH PIPE AND WIRE SIDES.
CONTROL - STABILIZER 8 FEET DOWNSTREAM.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM HIGHWAY BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: AT STATION F152-R, 147 FEET UPSTREAM, NOVEMBER 3, 1939 TO JULY 15, 1947; AT STATION F152B-R, AUGUST 31, 1948 TO SEPTEMBER 30, 1967. NO RECORD FROM JULY 15, 1947 TO AUGUST 31, 1948 DUE TO BRIDGE AND CHANNEL CONSTRUCTION.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 3,920. SECOND-FEET NOVEMBER 17.
MINIMUM: NO FLOW MOST OF YEAR.

1966-67
MAXIMUM: 1,910 SECOND-FEET JANUARY 22.
MINIMUM: NO FLOW MOST OF YEAR.

1939-67
MAXIMUM: NOT DETERMINED FEBRUARY 20, 1941.
MAXIMUM: 3,920. SECOND-FEET NOVEMBER 17, 1965.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F152B-R

Daily discharge, in second-feet of ALISO CREEK below Nordhoff Street, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	+	0.7	3.0	0	0	0	0	0	0	0
2	0	0	+	b 0.6	+	0	0	0	0	0	0	0
3	0	0	0	0.5	0	0	0	0	0	0	0	0
4	0	0	0	0.4	0	0	0	0	0	0	0	0
5	0	0	0	0.3	0	0	0	0	0	0	0	0
6	0	0	0	b 0.2	67	0	0	0	0	0	0	0
7	0	0	0	0.2	9.0	0	0	0	0	0	0	0
8	0	0	0	0.1	0.1	0	0	0	0	0	0	0
9	0	0	0.1	+	0	0.1	0	3.0	0	0	0	0
10	0	0	3.5	+	0	0	0	0	0	0	0	0
11	0	0	0	+	0	0	0	0	0	0	0	0
12	0	0	1.9	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	13	0.8	0	0	0	0	0	0	0	0	0
15	0	26	0	+	0	0	0	0	0	0	0	0
16	0	194	0	0	0	0	0	0	0	0	0	0
17	0	356	0	0	0	0	0	0	0	0	0	0
18	0	27	0	0	0	0	0	0	0	0	0	0.9
19	0	0.2	0	0	0	0	+	0	0	0	0	0.2
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	184		0	0	0	0	0	0	0	0	0
23	0	17	0	0	0	0	0	0	0	0	0	0
24	0	100	0	0	0	2.9	0	0	0	0	0	0
25	0	13	0	0	0	+	0	0	0	0	0	0
26	0	2.0	0	0	0	0	0	0	0	0	0	0
27	0	0.9	0	0	0	0	0	0	0	0	0	0
28	0	0.2	0	0	0	0	0	0	0	0	0	0
29	0	0.1	239	0		0	0	0	0	0	0	0.6
30	0		5.0	67		0	0	0	0	0	0	0
31	0		3.7	0.2		0		0		0	0	
	0		254.0		79.1		+		0		0	
		933.4		70.2		3.0		3.0		0		1.7
MEAN	0	31.1	8.19	2.26	2.82	0.10	+	0.10	0	0	0	0.06
ACRE-FEET	0	1,850.	504.	139.	157.	6.0	+	6.0	0	0	0	3.4

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 3.68
ACRE-FEET 2,670.

76D74M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F152B-R

Daily discharge, in second-feet of ALISO CREEK below Nordhoff Street, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	8.9	0	0	0	0	0
2	0	0	32	0	0	0	+	0	0	0	0	0
3	0	0	106	0	0	0	0	0	0	0	0	0
4	0	0	4.1	0	0	0	7.8	0	0	0	0	0
5	0	0	146	0	0	0	0	0	0	0	0	0
6	0	3.1	99	0	0	0	0	0	0	0	0	0
7	0	320	5.6	0	0	0	8.4	0	0	0	0	0
8	0	+	+	0	0	0	0	0	0	0	0	0
9	0	0	+	0	0	0	0	1.0	0	0	0	0
10	0	0	0	0	0	0	+	+	0	0	0	0
11	0	0	0	0	0	7.2	26	0	0	0	0	0
12	0	0	0	0	0	22	0	0	0	0	0	0
13	0	0	0	0	0	17	0	0	0	0	0	0
14	0	0	0	0	0	1.4	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	7.5	0	0	0	0	0
19	0	0	0	0	0	0	3.1	0	0	0	0	0
20	0	17	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	3.7	0	0	0	0	0
22	0	0	0	219	0	0	18	0	0	0	0	0
23	0	0	0	0.9	0	0	0	0	0	0	0	0
24	0	0	0	72	0	0	0	0	0	0	0	0
25	0	0	0	2.0	1.4	0	0	0	0	0	0	0
26	0	0	0	0.2	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	2.6	0	0	0	0	4.1
29	0	0	0	0		0	0	0	0	0	0	0.7
30	0	0	0	6.4		0	0	0	0	0	0	0
31	0		0	1.7		14		0		0	0	
	0		392.7		1.4		86.0		0		0	
		340.1		302.2		61.6		1.0		0		4.8
MEAN	0	11.3	12.7	9.75	0.05	1.99	2.87	0.03	0	0	0	0.16
ACRE-FEET	0	675.	779.	599.	2.8	122.	171.	2.0	0	0	0	9.5

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 3.26
ACRE-FEET 2,360.

STATION F317-R

ARCADIA WASH below Grand Avenue

LOCATION: LAT. 34°05'46", LONG. 118°02'01", ON THE RIGHT (WEST) WALL OF THE CHANNEL, ABOUT 75 FEET DOWNSTREAM FROM THE CENTERLINE OF GRAND AVENUE, 1 MILE SOUTHEAST OF TEMPLE CITY. ELEVATION OF ZERO GAGE HEIGHT 298.17 FEET.

DRAINAGE AREA: 8.5 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 32 FEET WIDE AND 12 FEET DEEP WITH 0.5 FOOT RISE OF BOTTOM FROM RIGHT BANK TO LEFT BANK.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM GRAND AVENUE BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SEVERAL DEBRIS BASINS ARE LOCATED UPSTREAM.
DIVERSION - NONE.

RECORDS AVAILABLE: DECEMBER 12, 1955 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1,270. SECOND-FEET DECEMBER 29.
MINIMUM: 0.1 SECOND-FOOT OCTOBER 3.

1966-67
MAXIMUM: 1260. SECOND-FEET JANUARY 22.
MINIMUM: 0.3 SECOND-FOOT NOVEMBER 10.

1955-67
MAXIMUM: 1,930. SECOND-FEET FEBRUARY 19, 1958.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

16D764M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F317-R

Daily discharge, in second-feet of ARCADIA WASH below Grand Avenue for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	0.2	0.9	1.8	2.1	0.5	0.7	0.5	0.4	0.4	0.5	0.7
2	0.2	0.2	0.9	1.8	0.9	0.5	0.7	0.5	0.4	0.4	0.7	0.7
3	0.1	0.2	0.9	1.8	0.4	0.5	0.7	0.7	0.4	0.4	0.7	0.7
4	0.2	0.2	0.7	1.8	0.5	0.5	0.9	0.7	0.3	0.3	0.9	0.7
5	0.2	0.3	0.5	1.4	0.4	0.5	0.7	0.4	0.3	0.3	0.7	0.7
6	0.2	0.2	0.5	1.2	82	0.4	0.4	0.4	0.4	0.3	0.5	0.7
7	0.3	0.2	0.4	1.2	1.4	0.5	0.5	0.4	0.3	0.4	0.5	0.7
8	0.2	0.2	0.4	1.2	0.7	0.5	0.5	1.2	0.3	0.4	0.5	0.5
9	0.3	0.2	39	0.9	0.7	0.4	0.5	6.8	0.4	0.3	0.4	0.5
10	0.2	0.2	13.7	0.9	0.5	0.5	0.4	1.2	0.4	0.3	0.4	0.5
11	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.4	0.7
12	0.3	0.3	35	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.4	0.5
13	0.4	0.3	0.9	2.9	0.5	0.5	0.4	0.4	0.4	0.3	0.4	0.5
14	0.3	52	17.9	0.9	0.5	0.7	0.4	0.4	0.4	0.4	0.4	0.5
15	0.4	94	1.2	0.9	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.5
16	0.3	155	0.5	0.7	0.5	0.5	0.5	0.4	0.7	0.4	0.4	0.5
17	0.3	236	0.4	0.7	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.3
18	0.2	23	0.4	0.7	0.5	0.4	0.4	0.4	0.4	0.4	0.5	17.9
19	0.3	0.9	0.3	1.2	0.5	0.5	0.4	0.4	0.5	0.5	0.5	1.8
20	0.3	0.4	0.3	1.2	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.7
21	0.3	0.3	0.4	1.2	0.4	0.7	0.4	0.5	0.4	0.4	0.5	0.7
22	0.3	254	1.4	1.2	0.3	0.5	0.5	0.5	0.4	0.5	0.5	0.5
23	0.3	20	0.4	1.2	0.4	0.5	0.5	0.5	0.3	0.4	0.7	0.7
24	0.3	91	0.3	1.2	0.4	24	0.4	0.5	0.4	0.4	0.5	0.9
25	0.2	33	0.3	1.2	0.4	16.7	0.4	0.7	0.4	0.5	0.5	1.2
26	0.3	2.6	0.3	1.2	0.4	0.5	0.5	0.7	0.4	0.7	0.5	0.7
27	0.2	2.6	0.3	1.2	0.4	0.5	0.5	0.9	0.4	0.7	0.7	0.5
28	0.3	1.4	0.3	0.9	0.4	0.5	0.5	0.5	0.4	0.7	0.9	0.5
29	0.3	1.4	267	0.9		0.5	0.7	0.5	0.4	0.7	0.7	7.8
30	0.3	1.2	3.6	40		0.5	0.5	0.4	0.4	0.7	0.5	0.4
31	0.2		3.6	0.9		0.7		0.4		0.7	0.7	
	8.1	971.7	393.2	75.2	97.8	55.6	15.2	23.1	12.0	13.8	16.9	44.4
MEAN	0.26	32.4	12.7	2.43	3.37	1.79	0.51	0.75	0.40	0.46	0.54	1.48
ACRE-FEET	16.	1,930.	780.	149.	194.	111.	30.	46.	24.	27.	34.	88.

Remarks:

YEAR OR PERIOD MEAN 4.73
ACRE-FEET 3,430.

760T4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F317-R

Daily discharge, in second-feet of ARCADIA WASH at Grand Avenue below Grand Avenue, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.4	0.5	0.4	0.5	0.7	0.7	57	0.9	0.9	1.2	1.4	1.8
2	0.4	0.7	63	0.4	0.7	0.7	2.5	1.2	0.9	1.2	1.4	1.2
3	0.4	0.9	169	0.7	0.5	0.7	1.2	1.2	0.9	1.2	1.4	0.9
4	0.4	1.2	5.8	0.5	0.5	5.1	17.4	1.2	0.7	1.2	1.4	1.2
5	0.4	0.9	151	0.5	0.7	0.9	1.2	1.4	0.7	1.2	1.8	0.9
6	0.4	3.6	1.61	0.7	0.7	0.9	0.7	1.4	1.2	1.2	1.4	0.7
7	0.5	217	3.1	0.5	0.5	0.9	12.6	1.2	1.2	1.2	1.8	0.9
8	0.5	1.4	1.4	0.7	0.5	0.7	0.7	1.4	1.4	1.2	1.8	1.2
9	0.7	0.5	0.9	0.7	0.7	0.7	0.5	1.4	1.4	1.2	1.8	1.4
10	1.2	0.3	0.7	0.7	0.7	0.7	0.5	1.4	1.8	1.4	1.4	1.4
11	0.7	0.4	0.7	0.5	0.7	37	77	1.4	1.4	1.2	1.4	1.4
12	0.9	0.4	0.5	0.7	0.7	77	0.9	1.2	8.5	1.2	1.4	1.4
13	0.9	0.4	0.5	0.7	0.7	82	0.9	1.4	1.4	1.4	1.4	1.4
14	0.7	0.4	0.5	0.7	0.7	18.8	0.9	1.4	1.2	1.4	1.4	1.2
15	0.7	0.4	0.5	0.7	0.7	1.2	0.9	1.2	0.9	1.2	1.4	1.2
16	0.7	0.4	0.5	0.7	0.7	0.9	0.9	1.2	1.2	1.2	1.8	1.2
17	0.7	0.4	0.7	0.7	0.9	0.9	0.5	1.2	1.8	1.2	1.4	1.2
18	0.7	0.4	0.5	0.7	0.7	0.9	62	1.2	1.4	1.4	1.4	1.2
19	0.4	0.4	0.5	0.7	0.7	0.9	23	1.4	1.2	1.4	1.4	1.2
20	0.7	4.0	0.9	0.7	1.2	0.9	0.9	1.2	0.9	1.2	1.4	1.2
21	0.9	0.5	0.7	0.7	0.7	0.9	60	1.2	0.9	1.4	1.4	1.2
22	0.7	2.3	0.7	244	0.7	0.9	26	1.4	0.7	1.4	1.8	1.2
23	0.5	0.4	0.7	11.6	0.7	0.9	1.2	1.4	0.9	1.4	1.4	1.2
24	0.5	0.4	0.5	263	0.9	1.2	24	1.4	0.7	1.4	1.4	1.2
25	0.7	0.4	0.4	14.6	1.8	0.9	1.2	1.4	0.7	1.4	1.3	1.2
26	0.7	0.4	0.5	1.4	0.7	1.2	0.9	1.4	0.9	1.2	1.8	1.4
27	0.7	0.4	0.5	1.4	0.7	0.9	0.9	1.4	0.9	1.2	1.4	1.2
28	0.7	0.4	0.5	1.4	0.7	0.9	6.9	1.4	0.9	1.4	1.4	2.6
29	0.7	0.4	0.5	1.2		0.9	1.2	1.4	0.9	1.4	1.4	1.2
30	0.5	0.4	0.7	4.7		0.9	1.2	1.3	1.2	1.4	1.2	1.2
31	0.5		0.5	1.4		36		3.6		1.4	1.2	
	19.5	240.6	568.3	578.1	20.8	278.1	385.7	43.3	39.7	40.0	46.2	37.8
MEAN	0.63	8.02	18.3	18.6	0.74	8.97	12.8	1.40	1.32	1.29	1.49	1.26
ACRE-FEET	39.	477.	1,130.	1,150.	41.	552.	765.	86.	79.	79.	92.	75.

Remarks:

YEAR OR PERIOD MEAN 6.30
ACRE-FEET 4,560.

STATION U1-R

ARROYO SECO above Mouth of Canyon

LOCATION: LAT. 34°13'20", LONG. 118°10'36", ON THE RIGHT (WEST) BANK 1.5 MILES ABOVE MILLARD CANYON AND 5.5 MILES NORTHWEST OF PASADENA. ELEVATION OF ZERO GAGE HEIGHT 1,397.88 FEET.

DRAINAGE AREA: 16.0 SQUARE MILES.

REGULATION AND DIVERSION: REGULATION - DEBRIS DAM 1.5 MILES UPSTREAM. DIVERSION - NONE.

RECORDS AVAILABLE: DECEMBER 1910 TO SEPTEMBER 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 3,160. SECOND-FEET NOVEMBER 22. (GAGE HEIGHT 6.33 FEET)
MINIMUM: 0.5 SECOND-FOOT OCTOBER 25 TO OCTOBER 29.

1966-67
MAXIMUM: 1,530. SECOND-FEET DECEMBER 6. (GAGE HEIGHT 4.90 FEET)
MINIMUM: 1.5 SECOND-FEET NOVEMBER 19.

1910-67
MAXIMUM: 8,620. SECOND-FEET BY SLOPE-AREA METHOD, MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: RECORDS FURNISHED BY THE UNITED STATES GEOLOGICAL SURVEY. FOURTEEN DISCHARGE MEASUREMENTS FURNISHED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: AVERAGE DISCHARGE FOR 53 YEARS (1913-15, 1916-67) 8.83 SECOND-FEET.

T6D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U1-R

Daily discharge, in second-feet of ARROYO SECO above Mouth of Canyon, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.8	0.6	64	98	20	13	8.7	5.4	4.2	3.2	1.9	2.1
2	0.7	0.6	55	92	19	13	7.9	5.4	4.0	3.4	1.7	2.1
3	0.7	0.6	51	74	18	13	7.9	5.4	3.7	3.4	1.7	2.1
4	0.7	0.6	44	72	17	13	7.9	5.4	3.7	3.4	1.7	1.9
5	0.7	0.6	36	64	16	12	7.4	5.4	3.7	3.4	1.7	1.7
6	0.7	0.6	30	55	50	12	7.4	5.4	3.7	3.4	1.7	2.1
7	0.7	0.6	27	50	32	12	7.4	5.4	3.7	3.7	1.7	2.3
8	0.7	0.6	25	46	26	12	7.1	6.0	3.7	3.7	1.7	1.9
9	0.7	0.6	28	40	24	12	7.1	6.8	3.7	3.7	1.7	1.7
10	0.7	0.6	30	36	22	12	7.1	6.8	3.4	3.7	1.7	1.7
11	0.7	0.6	24	35	20	11	6.8	6.3	3.2	3.7	1.7	1.7
12	0.7	0.6	28	32	20	11	7.1	6.0	2.7	3.0	1.7	1.7
13	0.7	0.6	25	30	19	11	6.8	5.7	2.5	2.7	1.7	1.9
14	0.7	1.2	26	30	18	11	6.6	5.4	2.5	2.5	1.7	1.7
15	0.7	5.0	21	28	18	11	6.3	5.4	2.7	2.3	1.7	1.7
16	0.7	29	22	27	17	11	6.6	5.4	3.2	2.1	1.7	1.3
17	0.7	359	20	26	16	11	6.0	5.2	3.4	1.9	1.5	1.3
18	0.8	175	19	25	16	10	5.4	5.2	3.2	1.9	1.5	1.9
19	0.8	42	18	25	15	10	5.2	5.0	3.0	1.9	1.5	3.4
20	0.8	26	18	24	15	9.9	5.4	5.0	3.2	1.9	1.5	3.7
21	0.7	18	17	23	15	9.9	5.2	5.2	3.2	1.9	1.7	3.0
22	0.7	742	18	22	14	9.9	5.3	5.4	3.2	1.9	1.9	2.3
23	0.7	280	17	22	14	9.6	5.0	5.4	3.4	1.7	1.9	2.1
24	0.7	373	17	21	14	12	5.1	5.4	3.4	1.7	1.9	1.9
25	0.5	288	16	20	14	15	5.7	5.0	3.4	1.7	1.9	1.7
26	0.5	192	16	20	14	12	6.0	5.0	3.4	1.9	1.9	1.7
27	0.5	134	15	19	14	11	6.3	5.0	3.4	1.9	1.9	1.9
28	0.5	99	14	18	13	11	6.4	5.0	3.4	2.1	1.9	1.9
29	0.5	80	701	18		10	6.0	5.0	3.2	2.3	1.9	2.1
30	0.6	70	165	23		9.9	6.0	4.7	3.2	2.3	2.1	2.1
31	0.6		118	20		9.0		4.6		2.1	2.1	
	20.9		1,725		530		195.1		100.3		54.5	
		2921.0		1135		350.2		167.7		80.4		60.6
MEAN	0.67	97.4	55.6	36.6	18.9	11.3	6.50	5.41	3.34	2.59	1.76	2.02
ACRE-FEET	41.	5,790.	3,420.	2,250.	1,050.	695.	387.	333.	199.	159.	108.	120.

Remarks:

YEAR OR PERIOD MEAN 20.1
ACRE-FEET 14,560.

T6D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U1-R

Daily discharge, in second-feet of ARROYO SECO above Mouth of Canyon, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.1	2.1	2.3	11	34	11	38	56	20	13	7.9	5.4
2	2.3	2.1	11	11	30	10	41	52	17	12	7.9	9.3
3	2.3	2.1	288	11	28	11	34	52	17	12	7.9	6.6
4	2.3	2.1	42	11	27	11	34	49	17	11	7.6	5.4
5	2.3	2.1	145	11	25	11	32	47	17	11	7.4	5.2
6	2.3	2.1	618	11	24	10	28	44	17	10	7.4	5.0
7	2.3	54	212	10	24	10	34	40	17	10	7.4	4.7
8	2.1	16	114	9.3	23	10	28	38	18	9.6	7.4	4.4
9	1.7	6.0	68	9.0	22	10	27	38	18	9.3	7.4	4.4
10	1.9	4.2	55	9.0	21	10	26	37	18	9.0	7.1	4.2
11	2.1	3.2	45	8.7	21	21	67	36	18	8.7	6.6	4.0
12	2.1	3.2	39	8.5	20	112	43	34	19	8.7	6.6	4.0
13	2.1	2.7	33	8.5	20	269	39	32	18	9.0	6.3	4.2
14	2.1	2.1	26	8.2	19	142	36	30	17	9.3	6.0	4.2
15	1.9	1.9	22	8.2	18	75	38	29	16	9.0	6.0	4.0
16	1.9	2.1	20	8.5	16	64	34	28	16	8.7	6.0	4.0
17	1.9	1.9	19	8.2	16	59	34	27	16	8.7	6.0	4.0
18	1.9	1.9	18	8.2	15	52	71	27	16	8.5	5.7	4.2
19	1.9	1.5	17	7.9	15	46	75	26	15	8.2	5.7	4.2
20	1.9	2.3	15	7.9	14	44	60	24	15	8.2	5.7	4.0
21	1.9	3.2	15	8.2	14	40	76	24	14	8.2	5.7	4.0
22	1.9	2.7	14	70	14	38	116	23	14	7.9	5.7	4.2
23	1.9	2.5	14	46	14	35	76	22	14	7.6	5.7	4.0
24	1.9	2.5	13	233	14	34	74	22	13	8.5	5.7	4.2
25	1.9	2.5	13	119	15	32	59	22	13	8.2	5.4	4.2
26	1.9	2.7	13	58	13	31	64	22	13	7.6	5.4	4.2
27	2.1	2.7	12	45	12	30	66	22	13	7.3	5.2	4.0
28	2.3	3.0	12	40	11	30	65	22	13	7.4	4.7	4.0
29	2.3	3.0	11	40		28	63	21	13	7.4	4.4	4.2
30	2.1	2.5	11	36		26	57	20	13	7.4	4.7	4.7
31	2.1		11	36		35		24		7.6	5.0	
	63.7		1,948.3		539		1,536		475		193.6	
		142.9		917.3		1,347		990		279.0		137.1
MEAN	2.05	4.76	62.8	29.6	19.2	43.5	51.2	31.9	15.8	9.00	6.25	4.57
ACRE-FEET	126.	283.	3,860.	1,820.	1,070.	2,670.	3,050.	1,960.	942.	553.	384.	272.

Remarks:

YEAR OR PERIOD MEAN 23.5
ACRE-FEET 17,000.

STATION P277–R

ARROYO SECO below Devil's Gate Dam

LOCATION: LAT. 34° 10' 53", LONG. 118° 10' 18", ON THE LEFT (EAST) SIDE OF THE CHANNEL, 0.5 MILE ± BELOW DEVIL'S GATE DAM, 0.5 MILE ± ABOVE WASHINGTON STREET, PASADENA. ELEVATION OF ZERO GAGE HEIGHT 939.89.

DRAINAGE AREA: 32.5 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - ROCK AND SAND FROM DAM TO STATION AT INTAKE TO RECTANGULAR CONCRETE CHANNEL.
CONTROL - OGEE SECTION, 80.2 FEET WIDE BY 18 FEET WITH A RECTANGULAR BROAD-CRESTED WEIR, 14.2' BY 1.0', WITH LOW FLOW NOTCH, 3.0' AT TOP, 2.0' AT BOTTOM AND 1.0' HIGH.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOT BRIDGE BELOW STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - DEVIL'S GATE DAM.
DIVERSION - PASADENA WATER DEPARTMENT DIRECTS FLOW APPROXIMATELY TWO MILES ABOVE DAM FOR DOMESTIC USE. FLOW MAY BE DIVERTED TO CHANNEL BETWEEN DAM AND STATION FROM PASADENA WATER DEPARTMENT TUNNEL.

RECORDS AVAILABLE: NOVEMBER 30, 1942 TO SEPTEMBER 30, 1967. PRIOR RECORDS AVAILABLE AT THE PASADENA WATER DEPARTMENT.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,110 SECOND-FEET NOVEMBER 23.
MINIMUM: NO FLOW AT VARIOUS TIMES

1966-67
MAXIMUM: 1,620 SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES

1942-67
MAXIMUM: 5,640 SECOND-FEET JANUARY 23, 1943.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: FAIR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE PASADENA WATER DEPARTMENT JANUARY 1940. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT FROM NOVEMBER 30, 1942 IN COOPERATION WITH THE PASADENA WATER DEPARTMENT.

7EDTAM Cib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. P277-R

Daily discharge, in second-feet of ARROYO SECO below Devil's Gate Dam for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	0	57	66	0.1	0.1	0.1	0.1	0.03	0.01	0	0
2	0.1	0	43	1.3	0.1	0.1	0.1	0.1	0.03	0.01	0	0
3	0.1	0	18.2	189	0.1	0.1	0.1	0.1	0.03	0.01	0	0
4	0.1	0	18.2	249	0.1	0.1	0.1	0.1	0.03	0.01	0	0
5	0.1	0	18.2	149	0.1	0.1	0.1	0.1	0.03	3.2	0	0
6	0.1	0	7.2	86	2.1	0.1	0.1	0.1	0.03	0.4	0	0
7	0.1	0	0.2	31	1.1	0.1	0.1	0.1	0.03	0.1	0	0
8	0.1	0	0.2	0.9	0.4	0.1	0.1	0.1	0.03	0.05	0	0
9	0.1	0	0.7	0.4	0.2	0.1	0.1	0.1	0.03	0.03	0	0
10	0.05	0	0.2	0.3	0.1	0.1	0.1	0.1	0.03	0.01	0	0
11	0.05	0	0.1	0.2	0.1	0.1	0.1	0.05	0.03	0.01	0	0
12	0.03	0	0.2	0.1	0.1	0.1	0.1	0.03	0.03	0.01	0	0
13	0.03	0	0.1	0.1	0.1	0.1	0.1	0.03	0.01	0.01	0	0
14	0.01	0.1	0.1	0.1	0.1	0.1	0.1	0.03	0.01	0	0	0
15	0.01	0.2	0.2	0.1	0.1	0.1	0.1	0.03	0.01	0	0	0
16	0.01	1.0	0.1	0.1	0.1	0.1	0.1	0.03	0.01	0	0	0
17	0.01	2.2	0.1	0.1	0.1	0.1	0.1	0.03	0.01	0	0	0
18	0.01	183	0.1	0.1	0.1	0.1	0.1	0.03	0.01	0	0	+
19	0.01	215	0.1	0.1	0.1	0.1	0.1	0.03	0.01	0	0	+
20	0.01	205	0.1	0.1	0.1	0.1	0.1	0.03	0.01	0	0	0
21	0	77	0.1	0.1	0.1	0.1	0.1	0.03	0.01	0	0	0
22	0	466	0.1	0.1	0.1	0.1	0.1	0.03	1.4	0	0	0
23	0	1683	0.1	0.1	0.1	0.1	0.1	0.03	2.5	0	0	0
24	0	424	0.1	0.1	0.1	0.3	0.1	0.03	2.3	0	0	0
25	0	461	0.1	0.1	0.1	1.6	0.1	0.03	0.03	0	0	0
26	0	333	0.1	0.1	0.1	0.6	0.1	0.03	0.03	0	0	0
27	0	89	0.1	0.1	0.1	0.4	0.1	0.03	2.8	0	0	0
28	0	48	0.1	0.1	0.1	0.3	0.1	0.03	2.4	0	0	0
29	0	57	613	0.1		0.2	0.1	0.03	0.03	0	0	0
30	0	57	689	0.6		0.1	0.1	0.03	0.03	0	0	0
31	0		147	0.4		0.1		0.03		0	0	
	1.13	4,301.5	1,614.1	774.9	5.2	5.9	3.0	1.65	11.97	3.86	0	+
MEAN	0.04	143.	52.	25.0	0.22	0.19	0.10	0.05	0.40	0.12	0	+
ACRE-FEET	2.2	8,520.	3,200.	1,540.	12.	12.	6.0	3.3	24.	7.7	0	+

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 18.4
ACRE-FEET 13,330.

75D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. P277-R

Daily discharge, in second-feet of ARROYO SECO below Devil's Gate Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0.1	0.2	0.5	0.7	1.8	3.2	3.6	d 2.8	d 1.9	d 1.2
2	0	0	0.6	0.2	0.5	0.7	1.8	3.0	3.5	2.8	1.9	1.1
3	0	0	20	0.2	0.5	0.6	0.5	3.2	3.5	2.8	1.9	1.1
4	0	0	42	0.2	0.5	0.7	0.6	3.2	3.5	2.8	1.9	1.0
5	0	0	172	0.2	0.5	0.7	0.6	3.3	3.5	2.8	1.9	0.9
6	0	0	353	0.2	0.5	0.6	0.4	3.6	3.5	2.8	1.9	0.8
7	0	1.6	510	0.2	0.5	0.7	1.2	3.8	3.5	2.8	1.9	0.8
8	0	0.1	74	0.2	0.5	0.7	0.9	3.6	3.6	2.7	1.9	0.8
9	0	0.1	23	0.2	0.5	0.9	0.5	3.5	3.6	2.7	2.0	0.8
10	0	0.1	28	0.2	0.5	0.9	0.4	3.3	3.6	2.6	2.0	0.8
11	0	0.1	29	0.2	0.5	2.3	2.8	3.3	3.5	2.6	1.9	0.8
12	0	0.1	21	0.2	0.5	6.7	1.3	3.3	3.5	2.5	1.8	0.8
13	0	0.1	0.7	0.2	0.5	67	0.9	3.6	3.5	2.5	1.7	0.8
14	0	0.1	0.2	0.2	0.5	225	0.7	6.1	3.3	2.4	1.6	0.8
15	0	0.1	0.2	0.2	0.5	139	0.6	4.6	3.3	2.4	1.5	0.8
16	0	0.1	0.2	0.2	0.5	50	0.6	4.2	3.2	2.3	1.5	0.8
17	0	0.1	0.2	0.2	0.5	41	0.6	3.3	3.0	2.3	1.5	0.8
18	0	0.1	0.2	0.2	0.5	30	2.6	3.3	3.0	2.2	1.5	0.8
19	0	0.1	0.2	0.2	0.5	29	3.8	3.5	3.0	2.2	1.5	0.8
20	0	0.1	0.2	0.2	0.6	16.1	2.0	3.5	3.0	2.2	1.5	0.8
21	0	0.1	0.2	0.2	0.6	2.0	3.7	3.6	3.0	2.2	1.5	0.8
22	0	0.1	0.2	3.2	0.6	1.0	4.3	3.6	3.0	2.1	1.5	0.8
23	0	0.1	0.2	0.2	0.6	0.9	2.2	3.5	d 3.0	2.1	1.5	0.7
24	0	0.1	0.2	171	0.6	0.7	3.2	3.8	3.0	2.0	1.6	0.7
25	0	0.1	0.2	293	1.1	0.6	2.5	3.6	3.0	2.0	1.5	0.6
26	0	0.1	0.2	106	1.3	0.6	2.5	3.6	2.9	1.9	1.4	0.6
27	0	0.1	0.2	61	1.2	0.5	2.6	3.6	2.9	1.9	1.4	0.5
28	0	0.1	0.2	0.5	1.0	0.5	3.0	3.6	2.3	1.9	1.3	0.5
29	0	0.1	0.2	0.5		0.5	3.6	3.6	2.8	1.9	1.3	0.5
30	0	0.1	0.2	0.5		0.5	3.2	3.6	d 2.8	1.9	1.2	d 0.5
31	0		0.2	0.5		0.9		3.6		d 1.9	d 1.2	
	0	3.9	1,786.0	640.6	17.1	621.0	55.4	112.1	95.9	73.0	50.6	23.5
MEAN	0	0.13	57.6	20.7	0.61	20.0	1.87	3.62	3.23	2.35	1.63	0.78
ACRE-FEET	0	7.7	3,540.	1,270.	34.	1,230.	115.	222.	192.	145.	100.	47.

Remarks:

YEAR OR PERIOD MEAN 9.54
ACRE-FEET 6,900.

STATION F38B-R
BALLONA CREEK at Sawtelle Boulevard

LOCATION: LAT. 33°59'48", LONG. 118°24'07", ON THE DOWNSTREAM SIDE OF THE SAWTELLE BOULEVARD BRIDGE, ABOUT 1.5 MILES SOUTH OF CULVER CITY. ELEVATION OF ZERO GAGE HEIGHT 11.06 FEET.

DRAINAGE AREA: 88.6 SQUARE MILES.BEGINNING OCTOBER 1950; FORMERLY 111 SQUARE MILES.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING, HIGH FLOWS FROM CABLE CAR 300.FEET ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO AUGUST 10, 1967.

REGULATION AND DIVERSION: REGULATION - STONE CANYON RESERVOIR (BEFORE JANUARY 1951), UPPER AND LOWER FRANKLIN CANYON RESERVOIRS, HOLLYWOOD RESERVOIR, SILVER LAKE RESERVOIR.
DIVERSION - SOME SMALL PUMPING DIVERSIONS FOR IRRIGATION DURING EARLY PART OF RECORD.

RECORDS AVAILABLE: AT STATION F38-R - FEBRUARY 27, 1928 TO APRIL 27, 1936.
AT STATION F38C-R - AUGUST 10, 1967 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 18,000.SECOND-FEET NOVEMBER 22.
MINIMUM: 3.2 SECOND-FEET OCTOBER 10.

1966-67
MAXIMUM: 13,900.SECOND-FEET NOVEMBER 7.
MINIMUM: 6.0 SECOND-FEET APRIL 8.

1928-67
MAXIMUM: 19,000.SECOND-FEET MARCH 2, 1938. (171.2 CFS PER SQUARE MILE)
MAXIMUM: 18,900.SECOND-FEET FEBRUARY 13, 1954. (213.3 CFS PER SQUARE MILE)
MINIMUM: NO FLOW AT VARIOUS TIMES

ACCURACY: GOOD.

OPERATION: LOCATED AND CONSTRUCTED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES CORPS OF ENGINEERS AND THE UNITED STATES GEOLOGICAL SURVEY.

REMARKS: STATION REPLACED BY A NEW INSTALLATION 530 FEET UPSTREAM IN AUGUST, 1967. FUTURE RECORDS WILL BE FROM THAT LOCATION.

760T4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F38B-R

Daily discharge, in second-feet of BALLONA CREEK at Sawtelle Boulevard, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12.6	10.5	16.6	21	70	14.6	12.6	10.5	13.6	11.5	17.7	12.6
2	11.5	12.6	14.6	18.7	26	13.6	11.5	15.6	11.5	10.5	13.6	12.6
3	10.5	10.5	13.6	17.7	10.5	14.6	10.5	13.6	13.6	9.8	13.6	11.5
4	13.6	12.6	11.5	16.6	10.5	15.6	19.7	15.6	10.5	12.6	18.7	9.5
5	13.6	12.6	11.5	16.6	11.5	14.6	18.7	14.6	11.5	12.6	16.6	10.5
6	13.6	9.5	17.7	17.7	1,150	12.6	16.6	17.7	13.6	12.6	14.6	12.6
7	12.6	9.1	14.6	18.7	13.6	15.6	12.6	13.6	12.6	12.6	16.6	12.6
8	10.5	12.6	15.6	16.6	22	13.6	12.6	11.5	13.6	9.5	16.6	14.6
9	7.4	13.6	948	13.6	61	12.6	9.5	f 98	11.5	7.4	17.7	12.6
10	5.3	12.6	328	15.6	63	14.6	7.4	a 15.6	14.6	a 9.1	16.6	13.6
11	9.1	11.5	21	16.6	63	13.6	15.6	9.5	11.5	6.7	15.6	8.8
12	9.8	13.6	243	14.6	65	13.6	12.6	10.5	10.5	9.5	16.6	12.6
13	10.5	16.6	35	14.6	63	12.6	12.6	10.5	17.7	11.5	14.6	14.6
14	11.5	548	71	14.6	65	16.6	16.6	9.5	14.6	11.5	12.6	11.5
15	13.6	647	14.6	14.6	35	12.6	15.6	11.5	14.6	12.6	17.7	13.6
16	9.5	1,670	14.6	11.5	13.6	16.6	14.6	a 11.5	15.6	11.5	16.6	13.6
17	6.7	2,350	13.6	14.6	13.6	23.8	12.6	12.6	14.6	12.6	17.7	13.6
18	9.8	197	10.5	16.6	13.6	23.8	12.6	11.5	14.6	15.6	16.6	100
19	9.8	22	9.5	22	13.6	13.6	14.6	a 13.6	12.6	a 16.6	17.7	46
20	11.5	17.7	10.5	16.6	10.5	11.5	14.6	13.6	15.6	15.6	14.6	12.6
21	11.5	14.6	12.6	10.5	14.6	11.5	12.6	15.6	11.5	14.6	10.5	12.6
22	13.6	3,620	21	9.5	13.6	14.6	13.6	a 9.5	13.6	13.6	16.6	12.6
23	12.6	390	11.5	11.5	13.6	13.6	9.5	12.6	14.6	14.6	18.7	14.6
24	10.5	503	11.5	10.5	14.6	87	9.5	11.5	11.5	9.5	14.6	13.6
25	14.6	280	9.1	10.5	13.6	78	15.6	11.5	9.5	16.6	17.7	9.5
26	14.6	27	9.5	11.5	12.6	10.5	13.6	a 11.5	8.1	17.7	18.7	16.6
27	13.6	18.7	11.5	11.5	10.5	9.5	13.6	15.6	11.5	14.6	11.5	14.6
28	14.6	14.6	12.6	12.6	13.6	11.5	11.5	12.6	9.5	14.6	9.5	14.6
29	11.5	15.6	3,170	14.6		13.6	11.5	14.6	10.5	14.6	15.6	30
30	9.5	15.6	61	818		17.7	11.5	11.5	11.5	12.6	9.5	16.6
31	7.4		59	17.7		13.6		15.6		11.5	10.5	
	343.0	10,497.7	5,223.3	1,267.5	1,900.7	581.4	396.2	482.7	380.3	385.4	476.0	524.9
MEAN	11.1	350.	168.	40.9	67.9	18.8	13.2	15.6	12.7	12.4	15.4	17.5
ACRE-FEET	680.	20,820.	10,360.	2,510.	3,770.	1,150.	786.	957.	754.	764.	944.	1,040.

Remarks:

YEAR OR PERIOD MEAN 61.5
ACRE-FEET 44,540.

760T4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F38B-R

Daily discharge, in second-feet of BALLONA CREEK at Sawtelle Boulevard, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11.5	12.6	9.5	10.5	16.6	12.6	405	12.6	14.6	13.6	17.7	51
2	10.5	12.6	739	10.5	14.6	14.6	44	13.6	13.6	11.5	14.6	14.0
3	11.5	13.6	1,280	13.6	12.6	11.5	12.6	12.6	13.6	13.6	13.6	10.6
4	13.6	10.5	45	12.6	12.6	36	60	13.6	9.5	13.6	12.6	10.6
5	11.5	12.6	1,690	12.6	11.5	11.5	11.5	12.6	13.6	13.6	10.5	13.0
6	14.6	14.0	1,110	11.5	14.6	11.5	11.5	13.6	12.6	13.6	8.8	13.0
7	14.6	3,020	36	9.5	13.6	11.5	136	11.5	12.6	12.6	10.5	11.8
8	12.6	29	15.6	9.8	13.6	10.5	7.4	16.6	13.6	12.6	10.5	11.2
9	11.5	12.6	14.6	13.6	13.6	9.8	6.7	13.6	11.5	9.1	13.6	11.2
10	35	15.6	11.5	13.6	12.6	11.5	12.8	14.6	10.5	11.5	13.6	10.6
11	13.6	11.5	9.5	15.6	10.5	246	569	14.6	7.4	11.5	10.0	11.8
12	11.5	12.6	13.6	14.6	10.5	875	12.6	15.6	9.5	12.6	10.0	12.4
13	13.6	9.8	13.6	13.6	12.6	349	9.5	16.6	12.6	14.6	10.0	12.4
14	11.5	9.5	13.6	10.5	11.5	121	10.5	15.6	11.5	14.6	11.8	14.0
15	9.5	10.5	13.6	10.5	11.5	12.6	9.5	19.7	13.6	12.6	13.0	13.0
16	9.5	10.5	13.6	14.6	11.5	8.8	8.1	17.7	13.6	13.6	13.0	13.0
17	11.5	12.6	14.6	11.5	11.5	11.5	9.5	15.6	12.6	12.6	14.0	11.2
18	12.6	13.6	11.5	14.6	11.5	9.5	454	11.5	11.5	12.6	13.0	11.8
19	11.5	11.5	12.6	12.6	9.8	9.5	181	13.6	15.6	13.6	12.4	12.4
20	13.6	183	13.6	11.5	11.5	10.5	12.6	10.5	17.7	13.6	11.2	11.2
21	12.6	16.6	13.6	11.5	10.5	12.6	652	10.5	13.6	13.6	13.0	10.6
22	12.6	12.6	14.6	2,910	10.5	11.5	134	13.6	13.6	10.5	13.0	11.2
23	9.5	10.5	9.5	72	12.6	11.5	12.6	16.6	14.6	13.6	12.4	10.6
24	13.6	8.1	10.5	1,900	11.5	11.5	290	11.5	10.5	12.6	12.4	10.0
25	16.6	9.8	8.1	67	82	12.6	15.6	12.6	9.5	12.6	11.8	11.8
26	13.6	9.5	9.8	24	11.5	9.5	14.6	13.6	15.6	13.6	11.2	11.8
27	12.6	9.8	10.5	19.7	14.6	11.5	12.6	12.6	13.6	14.6	11.8	12.4
28	13.6	19.6	11.5	17.7	13.6	14.6	90	9.5	13.6	14.6	11.8	220
29	9.8	11.5	12.6	12.6		15.6	15.6	14.6	13.6	11.5	14.0	28
30	9.8	12.6	11.5	143		11.5	13.6	12.6	14.6	15.6	14.0	12.4
31	10.5		11.5	33		411		12.6		16.6	18.0	
	393.1	3,554.9	5,203.7	5,462.9	414.1	2,326.8	3,234.4	426.2	384.1	405.6	392.8	619.0
MEAN	12.8	118.	168.	176.	14.8	75.0	108.	13.7	12.8	13.1	12.7	20.0
ACRE-FEET	790.	7,050.	10,320.	10,840.	821.	4,620.	6,420.	845.	762.	804.	779.	1,230.

Remarks:

YEAR OR PERIOD MEAN 62.1
ACRE-FEET 45,300.

STATION F120B-R
BIG DALTON CREEK below Big Dalton Dam

LOCATION: LAT. 34°10'08", LONG. 117°48'34", ON THE RIGHT (WEST) BANK ABOUT 500. FEET BELOW BIG DALTON DAM AND ABOUT 5 MILES NORTHEAST OF GLENDORA. ELEVATION OF ZERO GAGE HEIGHT 1,539.63 FEET.

DRAINAGE AREA: 4.8 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - GRAVEL AND ROCK, LINED WITH WILLOWS. CONTROL - CONCRETE BROAD-CRESTED WEIR WITH LOW-FLOW NOTCH.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - 4.5 SQUARE MILES REGULATED BY DAM; 0.3 SQUARE MILE UNREGULATED FLOW FROM KERIL CANYON. DIVERSION - NONE.

RECORDS AVAILABLE: RESERVOIR OUTFLOW RECORDS FROM OCTOBER 1929 TO JANUARY 3, 1940. RECORDER RECORDS FROM JANUARY 3, 1940 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 52. SECOND-FEET NOVEMBER 22.
MINIMUM: NO FLOW PART OF YEAR.

1966-67
MAXIMUM: 615. SECOND-FEET ESTIMATED DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1940-67
MAXIMUM: 615. SECOND-FEET ESTIMATED DECEMBER 6, 1936.
MINIMUM: NO FLOW PART OF EACH YEAR.

ACCURACY: POOR.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F120B-R

Daily discharge, in second-feet of BIG DALTON CREEK below Big Dalton Dam, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	11.6	11.4	0.1	11.6	0	0	0	0	0	0
2	0	0	11.2	11.4	0.1	4.0	0	0	0	0	0	0
3	0	0	11.2	19.9	0.1	0.2	0	0	0	0	0	0
4	0	0	10.8	31	0.1	0.2	0	0	0	0	0	0
5	0	0	10.8	20	0.1	0.1	0	0	0	0	0	0
6	0	0	11.0	12.0	0.4	0.09	0	0	0	0	0	0
7	0	0	11.0	12.0	1.2	0.09	0	0	0	7.2	0	0
8	0	0	11.0	11.8	0.6	0.06	0	0	0	11.0	0	0
9	0	0	11.2	11.8	0.4	0.06	0	0	0	11.0	0	0
10	0	0	11.2	11.8	0.4	0.03	0	0	0	10.8	0	0
11	0	0	11.0	11.6	0.3	0.01	0	0	0	10.8	0	0
12	0	0	10.8	11.6	0.3	0.01	0	0	0	10.8	0	0
13	0	0	10.4	11.4	0.2	0.01	0	0	0	10.6	0	0
14	0	0	10.2	11.4	0.2	0.01	0	0	0	10.6	0	0
15	0	0	9.8	11.4	6.3	+	0	0	0	10.6	0	0
16	0	0	9.7	11.2	12.6	0	0	0	0	10.4	0	0
17	0	0.09	9.7	11.2	12.2	0	0	0	0	10.4	0	0
18	0	5.6	9.5	11.0	12.0	0	0	0	0	3.8	0	0
19	0	10.2	9.5	11.0	12.0	0	0	0	0	0.03	0	0
20	0	3.4	5.6	6.2	12.0	0	0	0	0	0	0	0
21	0	0.01	b 0.1	4.0	12.0	0	0	0	0	0	0	0
22	0	11.0	0.1	3.9	11.8	0	0	0	0	0	0	0
23	0	32	0.1	3.8	11.8	0	0	0	0	0	0	0
24	0	23	0.1	3.8	11.8	+	0	0	0	0	0	0
25	0	23	0.1	3.7	11.8	+	0	0	0	0	0	0
26	0	16.9	0.1	2.0	12.0	0	0	0	0	0	0	0
27	0	12.2	b 0.1	0.1	11.8	0	0	0	0	0	0	0
28	0	12.2	5.8	0.1	11.8	0	0	0	0	0	0	0
29	0	12.0	15.2	0.1	+	0	0	0	0	0	0	0
30	0	11.8	9.1	0.2		0	0	0	0	0	0	0
31	0		11.4	0.1		0		0		0	0	
	0	173.40	249.4	282.9	166.4	16.47	0	0	0	118.03	0	0
MEAN	0	5.78	8.05	9.13	5.94	0.53	0	0	0	3.81	0	0
ACRE-FEET	0	344.	495.	561.	330.	33.	0	0	0	234.	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 2.76
ACRE-FEET 2,000.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F120B-R

Daily discharge, in second-feet of BIG DALTON CREEK below Big Dalton Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0.03	16.5	5.8	6.2	13.2	6.2	6.0	9.1	0.01
2	0	0	3.0	0.03	16.5	5.8	5.9	13.2	6.2	6.0	9.1	0.01
3	0	0	9.2	3.7	16.3	5.9	5.9	13.2	6.2	6.0	8.9	0.01
4	0	0	6.6	12.4	16.3	6.0	5.9	13.2	6.0	5.9	6.9	0.01
5	0	0	10.0	12.2	16.3	6.0	5.9	10.4	6.0	5.9	3.9	0.02
6	0	0	216	12.0	16.3	6.0	5.9	7.8	6.0	5.9	3.9	0.02
7	0	0	164	12.0	16.3	6.0	5.8	7.6	5.8	5.9	3.8	0.02
8	0	0	37	11.8	16.3	6.0	5.8	7.6	5.8	5.8	3.7	0.02
9	0	0	36	6.8	9.2	6.0	5.6	8.7	3.6	5.8	3.1	0.02
10	0	0	41	4.0	6.0	6.0	5.6	13.7	2.1	5.9	2.9	0.02
11	0	0	62	4.0	6.0	6.0	5.9	v 13.7	2.0	5.9	2.9	0.02
12	0	0	50	3.7	6.0	6.5	5.6	13.7	1.9	6.0	2.9	0.02
13	0	0	b 31	3.4	6.0	7.3	5.6	13.7	1.9	5.9	2.9	0.02
14	0	0	b 15.0	3.3	6.0	10.6	5.8	13.8	1.8	5.8	3.0	0.02
15	0	0	b 14.7	3.3	6.0	12.6	5.8	13.8	1.8	5.8	3.4	0.02
16	0	0	14.5	3.3	6.0	12.4	5.9	13.8	1.8	5.8	1.4	0.02
17	0	0	10.5	3.3	6.0	12.4	5.9	13.8	1.9	5.8	b 0.1	0.02
18	0	0	8.6	3.3	6.0	12.2	6.5	13.8	1.9	5.8	0.04	0.02
19	0	0	8.4	3.3	6.0	12.2	6.4	13.8	3.3	5.8	0.04	0.02
20	0	0	8.4	2.4	6.0	8.9	6.2	13.8	6.4	5.8	0.03	3.1
21	0	0	3.2	0.09	6.0	5.8	6.7	v 13.8	6.4	5.8	0.03	6.4
22	0	0	3.1	0.5	6.0	5.6	7.6	9.9	6.4	5.8	0.02	6.4
23	0	0	3.4	2.6	6.0	5.6	7.0	5.9	6.4	5.8	0.02	6.2
24	0	0	0.1	3.8	6.0	5.6	6.8	5.9	6.4	5.8	0.02	6.2
25	0	0	0.09	13.0	6.0	5.6	6.6	6.0	6.2	5.8	0.01	6.2
26	0	0	0.09	16.9	6.0	5.8	6.5	6.0	6.4	7.5	0.01	2.2
27	0	0	0.06	16.1	5.9	5.8	6.5	6.0	6.4	9.5	0.01	0.09
28	0	0	0.06	16.1	5.9	5.8	6.5	6.0	6.4	9.5	0.01	0.06
29	0	0	0.03	16.1		5.8	6.5	6.2	6.2	9.3	0.01	0.06
30	0	0	0.03	16.1		5.3	10.7	6.2	6.2	9.3	0.01	0.06
31	0		0.03	15.8		5.9		6.2		9.3	0.01	
	0	0	766.09	235.35	253.8	223.7	189.5	324.4	141.9	200.9	72.17	37.31
MEAN	0	0	24.7	7.59	9.06	7.22	6.31	10.5	4.73	6.48	2.32	1.24
ACRE-FEET	0	0	1520.	467.	503.	443.	376.	644.	282.	398.	143.	74.

Remarks:

YEAR OR PERIOD MEAN 6.70
ACRE-FEET 4,850

STATION F202-R
BIG DALTON WASH at Sierra Madre Avenue

LOCATION: LAT. 34°08'49", LONG. 117°50'13", ON THE RIGHT (WEST) BANK, 74. FEET ABOVE SIERRA MADRE AVENUE, ABOUT 1 MILE NORTHEAST OF GLENDORA. ELEVATION OF ZERO GAGE HEIGHT 990.7S FEET.

DRAINAGE AREA: 11.0 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 20 FEET WIDE BY 10 FEET DEEP. BOTTOM WARPED 0.33 FOOT TOWARD STATION.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - BIG DALTON DAM, BIG AND LITTLE DALTON SPREADING GROUNDS, AND BIG AND LITTLE DALTON DEBRIS BASINS.
DIVERSION - NONE.

RECORDS AVAILABLE: DECEMBER 27, 1951 TO MAY 8, 1959 AND MARCH 1, 1960 TO TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 246. SECOND-FEET NOVEMBER 27.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 1040. SECOND-FEET DECEMBER 6.
MINIMUM: PLUS FLOW DURING OCTOBER.

1957-67
MAXIMUM: 1040. SECOND-FEET DECEMBER 6, 1966.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: FAIR.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F202-R

Daily discharge, in second-feet of BIG DALTON WASH at Sierra Madre Avenue, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	1.6	12.6	0.4	1.6	0.4	0.04	0.04	0.04	0.04	0.01
2	0	0	2	5.0	0.2	1.6	0.04	0.04	0.08	0.04	0.04	0.01
3	0	0	3.4	5.0	0.2	1.2	0.08	0.04	0.04	0.04	0.04	0.01
4	0	0	4.2	5.0	0.4	0.4	0.4	0.04	0.04	0.04	0.01	0.01
5	0	0	4.2	5.0	0.4	b 0.3	0.4	0.04	0.04	0.04	0.01	0.01
6	0	0	5.00	5.0	2.0	0.3	0.08	0.04	0.04	0.04	0.01	0.01
7	0	0	5.0	5.0	1.6	0.2	0.08	0.04	0.04	0.04	0.01	0.01
8	0	0	5.0	5.0	0.4	0.2	0.04	0.04	0.08	0.04	0.01	0.01
9	0	0	5.0	5.0	0.4	b 0.1	0.04	0.08	0.08	0.04	0.01	0.01
10	0	0	4.2	5.0	0.4	0.1	0.04	0.08	0.08	0.04	0.01	0.01
11	0	0	4.2	4.2	0.4	0.1	0.04	0.04	0.08	0.08	0.01	0.01
12	0	0	4.2	4.2	0.4	0.1	0.04	0.04	0.08	0.6	0.01	0.01
13	0	0	4.2	4.2	0.4	0.1	0.04	0.04	0.08	0.9	0.01	0.01
14	0	0.08	4.2	4.2	0.2	0.1	0.04	0.04	0.08	0.6	0.01	0.01
15	0	0.1	5.0	3.4	0.2	0.1	0.04	0.04	0.08	0.6	0.01	0.01
16	0	0.2	4.2	1.2	0.2	0.1	0.08	0.04	0.08	0.4	0.01	0.01
17	0	0.4	4.2	2.0	0.4	0.1	0.08	0.04	0.08	0.6	0.01	0.04
18	0	0.04	4.2	2.0	0.9	0.1	0.08	0.04	0.04	0.9	0.01	0.04
19	0	0.01	4.2	2.0	0.9	0.1	0.08	0.04	0.04	1.2	0.01	0.04
20	0	0.01	4.2	2.0	0.9	0.1	0.08	0.04	0.04	1.2	0.01	0.04
21	0	0.01	4.2	4.2	0.9	0.2	0.08	0.04	0.04	0.1	0.01	0.04
22	0	0.4	4.2	4.2	1.6	0.1	0.08	0.04	0.04	0.08	0.01	0.04
23	0	0.1	5.0	6.5	2.0	0.1	0.08	0.04	0.04	0.08	0.01	0.04
24	0	7.0	10.4	6.5	2.6	0.1	0.08	0.04	0.04	0.08	0.01	0.04
25	0	28	10.4	8.4	2.0	0.1	0.04	0.04	0.04	0.04	0.01	0.04
26	0	15.7	8.4	6.5	2.0	0.08	0.04	0.04	0.04	0.04	0.01	0.04
27	0	99	2.6	6.5	2.0	0.08	0.04	0.04	0.04	0.04	0.01	0.04
28	0	24	5.0	4.2	1.6	0.08	0.04	0.04	0.04	0.04	0.01	0.04
29	0	1.2	12.6	1.6		0.08	0.04	0.04	0.04	0.04	0.01	0.04
30	0	1.6	10.4	1.2		0.2	0.04	0.04	0.04	0.04	0.01	0.04
31	0		12.6	0.2		1.2		0.04		0.04	0.01	
	0	177.85	168.2	137.0	26.0	9.32	2.76	1.32	1.68	8.10	0.40	0.72
MEAN	0	5.93	5.42	4.42	0.93	0.30	0.09	0.04	0.05	0.26	0.01	0.02
ACRE-FEET	0	353.	334.	272.	52.	18.	5.5	2.6	3.3	16.	0.8	1.4

Remarks:

YEAR OR PERIOD MEAN 1.46
ACRE-FEET 1,060.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F202-R

Daily discharge, in second-feet of BIG DALTON WASH at Sierra Madre Avenue, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.01	0.04	0.08	0.4	28	2.0	0.9	6.5	0.9	1.2	1.2	1.2
2	0.04	0.04	0.1	0.4	17.6	2.0	0.9	25	0.9	0.9	1.2	1.2
3	0.04	0.08	0.6	0.4	6.5	3.4	0.9	21	0.9	0.9	1.2	1.2
4	0.04	0.08	0.08	0.4	5.0	3.4	0.9	21	0.9	0.9	1.2	0.9
5	0.04	0.08	1.2	0.4	5.0	2.6	0.9	25	0.9	1.2	1.2	0.9
6	0.04	0.08	365	0.6	24	2.6	0.9	25	1.2	1.2	1.2	0.9
7	0.04	0.9	245	0.6	2.0	2.6	0.9	12.6	1.2	3.4	1.2	0.9
8	0.04	0.1	85	0.6	2.0	2.6	0.9	2.6	1.6	2.6	1.2	0.9
9	0.01	0.04	83	1.2	2.0	2.6	0.9	1.2	1.6	1.6	1.2	0.9
10	0.04	0.01	27	1.2	1.6	1.6	0.9	1.6	1.6	1.2	1.2	0.9
11	0.01	0.01	43	1.2	1.6	0.9	1.2	1.2	1.6	1.2	1.6	0.9
12	0.01	0.01	36	1.2	1.2	0.9	0.9	1.2	1.6	1.2	2.0	0.9
13	0.01	0.01	17.6	1.2	0.9	1.2	0.9	1.2	1.6	1.2	2.6	0.9
14	0.01	0.01	23	1.2	0.9	1.2	0.9	1.2	1.6	1.2	2.0	0.9
15	0.01	0.04	15.0	1.2	0.9	1.2	0.9	0.9	1.6	1.2	1.6	0.9
16	0.01	0.04	23.0	1.6	2.6	1.2	0.9	0.9	1.6	1.2	1.6	0.9
17	0.04	0.08	2.6	1.2	5.0	1.6	0.9	1.2	2.0	1.2	1.6	0.9
18	0.04	0.08	2.6	1.2	4.2	2.0	1.2	1.2	2.0	1.2	2.0	0.9
19	0.01	0.08	2.6	1.2	4.2	3.4	1.2	1.2	2.0	1.2	2.6	0.9
20	0.04	0.08	2.6	1.2	2.0	2.6	0.9	1.2	2.0	1.2	2.0	0.9
21	0.04	0.08	13.8	1.2	1.6	1.6	1.2	1.2	1.6	1.2	2.6	0.9
22	0.04	0.08	1.6	1.2	1.6	1.6	1.2	1.2	1.6	1.2	1.6	0.9
23	0.04	0.1	1.6	0.9	1.2	1.2	1.2	1.2	1.6	1.2	1.2	0.9
24	0.04	0.08	1.2	1.2	2.0	1.2	1.2	1.2	1.6	1.2	1.2	0.9
25	0.01	0.08	0.9	5.1	2.0	1.2	6.5	1.6	1.6	1.2	1.2	0.9
26	0.01	0.08	0.6	4.2	1.6	1.2	21	1.6	1.6	1.2	1.2	1.2
27	0.01	0.1	0.6	5.0	2.0	0.9	8.4	1.2	1.6	1.2	1.2	1.2
28	0.04	0.1	0.6	4.2	2.6	0.9	2.6	0.9	1.6	1.2	1.2	0.9
29	0.04	0.1	0.4	4.2		0.6	1.2	0.9	1.6	1.2	1.2	0.9
30	0.04	0.1	0.6	25		0.6	1.6	0.9	1.2	1.2	1.2	0.9
31	0.04		0.6	23		0.6		1.6		1.2	1.2	
	0.88	2.79	997.56	93.8	131.8	53.2	65.0	166.4	44.9	40.7	46.6	28.5
MEAN	0.03	0.09	32.1	3.02	4.71	1.72	2.17	5.37	1.50	1.31	1.50	0.95
ACRE-FEET	1.7	5.5	1,980.	186.	261.	106.	129.	330.	89.	81.	92.	57.

Remarks:

YEAR OR PERIOD MEAN 4.58
ACRE-FEET 3,320.

STATION F274B-R
DALTON WASH at Merced Avenue

LOCATION: LAT. 34°04'29", LONG. 117°57'47", ON THE RIGHT (WEST) BANK, 150. FEET ABOVE MERCED AVENUE; ABOUT ONE-HALF MILE ABOVE JUNCTION WITH WALNUT WASH AND ABOUT 1 MILE SOUTH OF BALDWIN PARK. ELEVATION OF ZERO GAGE HEIGHT 348.26 MILES.

DRAINAGE AREA: 36.0 SQUARE MILES. (NOT INCLUDING AREA ABOVE PUDDINGSTONE DIVERSION DAM).

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 50 FEET WIDE BY 15 FEET DEEP WITH 0.5 FOOT WARP OF BOTTOM AT STATION.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE 100. FEET ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - BIG DALTON DAM, SAN DIMAS DAM, PUDDINGSTONE DIVERSION DAM, BIG AND LITTLE DALTON DEBRIS BASINS, BIG AND LITTLE DALTON SPREADING GROUNDS, AND IRWINDALE SPREADING GROUNDS.
DIVERSION - CALIFORNIA CITIES WATER COMPANY AND SAN DIMAS LAND AND WATER COMPANY.

RECORDS AVAILABLE: AT STATION F274-R, NOVEMBER 11, 1940 TO SEPTEMBER 30, 1958.
AT STATION F274B-R, OCTOBER 1, 1958 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1320. SECOND-FEET NOVEMBER 22.
MINIMUM: 0.3 SECOND-FOOT AT VARIOUS TIMES.

1966-67
MAXIMUM: 3970. SECOND-FEET SEPTEMBER 1.
MINIMUM: 0.3 SECOND-FOOT AT VARIOUS TIMES.

1940-67
MAXIMUM: 4270. SECOND-FEET NOVEMBER 20, 1961.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

WDT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F274B-R

Daily discharge, in second-feet of DALTON WASH at Merced Avenue for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.4	2.7	3.2	3.2	6.9	3.2	3.2	2.3	0.8	1.3	1.9	1.9
2	1.0	5.2	3.7	6.0	5.2	4.4	1.0	2.3	2.3	1.3	1.9	2.7
3	1.0	1.3	1.6	6.0	2.7	2.7	1.0	3.2	1.0	1.3	1.9	2.7
4	0.8	1.0	1.9	2.7	2.7	2.7	1.0	3.7	0.8	1.6	1.9	3.2
5	2.3	1.9	1.9	0.3	2.7	1.9	1.0	1.9	0.6	0.8	1.9	3.2
6	1.3	3.2	1.6	0.3	104	1.9	0.8	1.3	1.3	1.3	1.9	2.7
7	1.6	3.2	2.7	0.4	1.9	2.7	0.8	1.6	1.6	1.3	1.6	3.2
8	1.9	2.3	2.7	0.3	1.3	2.7	1.0	1.9	1.0	1.6	3.2	2.7
9	1.0	3.2	169	0.3	1.3	2.7	0.8	3.2	0.3	1.3	1.9	2.7
10	1.0	1.6	34	0.3	1.3	3.2	0.8	2.3	0.3	1.0	1.9	2.7
11	1.6	0.4	2.7	0.4	1.3	2.7	0.8	1.3	0.3	1.3	1.6	3.2
12	2.7	1.9	79	0.4	1.0	3.2	1.0	0.8	0.3	1.6	2.3	3.2
13	1.9	1.0	4.4	0.4	0.4	2.7	1.0	1.0	0.3	1.6	2.3	3.7
14	0.8	72	13.8	0.6	0.6	2.3	0.6	1.0	0.3	2.3	1.9	3.2
15	0.6	90	6.0	0.4	3.7	2.3	0.4	1.0	0.3	1.6	2.7	2.7
16	0.6	199	5.2	0.2	4.4	2.7	0.4	1.0	0.3	1.9	2.7	1.9
17	0.6	141	3.7	0.2	2.7	2.7	0.4	1.6	0.3	1.9	2.7	2.3
18	1.0	19.0	4.4	0.4	3.2	2.7	1.3	1.0	0.3	2.7	2.3	2.3
19	1.0	0.8	3.7	0.3	3.2	2.3	2.7	1.0	0.3	2.7	2.7	2.7
20	1.0	1.6	3.2	1.9	3.2	2.3	2.3	1.6	0.3	3.2	2.7	3.7
21	2.3	1.0	3.2	3.7	3.2	2.7	1.9	1.9	0.3	2.7	1.9	3.2
22	1.3	571	21	3.2	3.2	3.2	2.7	0.6	0.3	2.3	2.3	2.7
23	1.0	70	2.7	3.2	3.2	3.2	1.0	1.9	0.3	2.3	2.3	3.2
24	2.7	197	2.3	2.7	4.4	55	1.3	1.3	1.0	1.3	2.3	3.2
25	3.2	93	1.9	3.2	6.0	4.8	1.6	1.6	1.0	1.6	2.3	4.4
26	1.9	13.3	1.6	4.4	5.2	3.2	3.2	1.3	1.0	1.6	1.9	3.7
27	2.7	123	1.0	3.2	3.7	2.7	3.2	1.3	1.3	1.6	2.7	2.3
28	1.3	32	1.3	2.3	3.7	3.7	2.7	0.8	1.9	1.3	2.3	1.9
29	2.7	4.4	293	2.3		3.2	2.7	0.6	1.6	2.3	2.3	4.4
30	1.3	5.2	6.0	57		2.7	2.7	0.8	1.3	1.6	2.3	3.7
31	1.3		3.2	1.9		3.7		0.8		1.6	2.3	
	45.8	1662.7	634.6	122.1	185.3	142.1	45.3	47.9	23.0	53.8	63.8	88.3
MEAN	1.48	55.4	22.4	3.94	6.65	4.58	1.51	1.55	0.77	1.74	2.22	2.94
ACRE-FEET	91.	3,300.	1,380.	242.	370.	282.	90.	95.	46.	107.	136.	175.

Remarks:

YEAR OR PERIOD MEAN 8.71
ACRE-FEET 6,310.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F274B-R

Daily discharge, in second-feet of DALTON WASH at Merced Avenue, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.9	3.7	1.0	22	34	a 3.2	40	0.3	0.6	6.9	6.9	95
2	2.7	3.7	38	22	31	4.4	1.6	0.3	0.6	11.8	6.0	10.4
3	2.3	3.7	250	20	14.7	6.9	3.2	0.4	0.4	14.7	6.9	13.2
4	1.9	2.7	3.7	16.3	10.4	15.1	14.3	0.6	0.6	13.2	7.9	13.2
5	1.6	0.8	414	6.9	10.4	10.5	6.0	0.6	0.4	14.7	7.9	5.2
6	1.6	1.0	693	3.2	23	6.0	5.2	0.4	0.4	13.2	9.1	b 0.8
7	1.6	291	205	3.2	4.4	6.9	13.6	0.3	0.4	7.9	9.1	0.6
8	2.3	1.6	66	3.2	3.7	6.9	6.0	1.0	0.6	6.9	6.9	0.8
9	1.9	0.6	70	3.7	3.7	6.0	6.0	5.2	2.3	4.4	4.4	0.8
10	4.4	0.6	1.9	3.7	3.7	6.0	6.0	9.1	7.9	5.2	1.6	0.6
11	1.9	0.4	1.6	3.7	3.7	33	54	5.2	9.1	5.2	1.0	0.6
12	1.6	0.8	39	4.4	3.7	28	4.4	5.2	13.5	5.2	0.6	0.6
13	1.3	0.6	1.3	5.2	3.7	33	5.2	3.7	13.2	6.0	0.6	0.5
14	1.6	1.3	1.6	6.0	3.7	9.0	5.2	4.4	13.2	6.0	0.6	0.8
15	1.6	2.3	1.6	5.2	4.4	4.4	5.2	4.4	9.1	6.9	0.6	0.6
16	1.3	2.7	2.7	6.0	1.9	4.4	5.2	a 4.4	6.9	6.0	1.0	0.6
17	2.3	2.3	6.0	6.9	0.8	5.2	4.4	a 2.7	3.7	6.0	0.8	0.4
18	1.6	2.7	5.2	6.0	0.6	6.0	40	1.3	3.2	6.0	0.8	0.6
19	1.9	2.7	5.2	6.9	0.6	6.9	12.6	1.0	3.2	6.9	0.6	0.6
20	1.9	2.7	4.4	6.0	0.8	6.9	1.3	1.0	3.2	6.9	0.6	0.6
21	2.3	1.3	1.9	6.9	0.8	5.2	37	1.0	4.4	6.0	0.8	0.6
22	3.7	1.0	1.9	260	a 0.8	5.2	123	1.0	4.4	6.9	1.0	0.6
23	3.2	2.3	4.4	25	0.8	4.4	6.9	1.0	4.4	6.9	0.6	0.4
24	3.7	2.3	13.2	603	2.4	5.2	15.6	1.0	4.4	6.9	0.6	0.4
25	3.7	2.7	14.7	53	2.4	4.4	14.5	1.0	4.4	6.9	0.6	0.4
26	3.7	2.3	18.0	0.6	2.4	4.4	9.1	0.8	4.4	6.0	0.6	15.1
27	3.7	1.6	13.2	0.4	a 2.4	4.4	1.0	0.8	4.4	6.0	0.6	5.2
28	4.4	1.6	9.1	0.3	3.2	5.2	5.9	0.8	4.4	6.0	0.6	3.7
29	3.7	1.6	10.4	0.3		6.0	0.4	0.8	4.4	6.9	0.6	16.3
30	3.7	1.0	10.4	1.3		4.4	0.3	0.8	4.4	6.0	0.6	14.7
31	3.7		14.7	7.0		45		1.0		9.1	0.8	
	78.7	345.6	1,923.1	1,118.3	178.1	302.5	453.1	61.5	136.5	233.6	81.3	204.0
MEAN	2.54	11.5	62.0	36.0	6.20	9.76	15.1	2.02	4.55	7.54	2.68	6.80
ACRE-FEET	156.	685.	3,810.	2,220.	353.	600.	899.	122.	271.	463.	161.	405.

Remarks:

YEAR OR PERIOD MEAN 14.0
ACRE-FEET 10,140.

STATION U14-R

BIG ROCK CREEK above Mouth of Canyon

LOCATION: LAT. 34°25'15", LONG. 117°50'19", ON THE LEFT, (WEST) BANK, 0.1 MILE ABOVE PUNCHBOWL CANYON AND 0.9 MILE SOUTHWEST OF VALYERMO. ELEVATION OF ZERO GAGE HEIGHT ABOUT 4,050. FEET.

DRAINAGE AREA: 22.9 SQUARE MILES. (REVISED)

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: JANUARY 1923 TO SEPTEMBER 1937; MAY 1938 TO SEPTEMBER 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,100. SECOND-FEET DECEMBER 29.
MINIMUM: 2.6 SECOND-FEET OCTOBER 18 TO 21.

1966-67
MAXIMUM: 1,200. SECOND-FEET DECEMBER 6.
MINIMUM: 3.5 SECOND-FEET NOVEMBER 5.

1923-67
MAXIMUM: 8,300. SECOND FEET ESTIMATED MARCH 2, 1938 BY SLOPE AREA METHOD.
MINIMUM: 0.7 SECOND-FOOT NOVEMBER 5, 1951.

ACCURACY: GOOD.

OPERATION: RECORDS FURNISHED BY THE UNITED STATES GEOLOGICAL SURVEY. FORTY-THREE DISCHARGE MEASUREMENTS FURNISHED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: AVERAGE DISCHARGE FOR 44 YEARS (1923-37, 1938-67); 15.4 SECOND-FEET.

74D74M C4b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U14-R

Daily discharge, in second-feet of BIG ROCK CREEK above Mouth of Canyon, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3.6	2.8	60	191	46	30	22	19	16	13	8.6	6.5
2	3.6	2.8	55	167	45	29	22	20	15	13	8.7	6.4
3	3.6	2.8	50	115	44	28	22	20	15	13	8.6	6.3
4	3.4	2.8	45	99	43	28	22	19	16	12	8.0	6.2
5	3.2	2.8	40	94	43	28	22	19	16	12	7.9	6.2
6	3.2	2.8	40	89	64	28	22	19	15	12	7.9	6.1
7	3.2	2.8	40	87	58	28	22	19	16	12	7.8	6.1
8	3.0	2.8	41	86	51	28	22	19	16	12	7.8	6.1
9	3.0	2.8	42	83	49	27	22	19	16	11	7.7	6.0
10	3.0	2.8	42	76	45	27	22	19	15	11	7.7	6.0
11	2.8	2.8	41	68	41	27	21	19	15	11	7.6	6.0
12	2.8	2.8	40	64	39	27	21	18	16	11	7.6	6.3
13	2.8	2.8	30	61	37	27	21	18	16	11	7.5	6.4
14	2.8	2.8	32	60	36	27	21	18	14	11	7.5	6.3
15	2.8	2.8	34	60	36	26	21	18	13	11	7.6	5.9
16	2.8	4.0	33	58	36	25	20	17	13	10	7.5	5.0
17	2.8	104	33	55	35	24	21	17	14	10	7.4	4.9
18	2.6	86	32	59	32	24	21	17	14	10	7.4	4.9
19	2.6	52	30	75	32	24	21	17	14	10	7.3	4.9
20	2.6	41	29	78	31	23	21	17	14	10	7.3	4.9
21	2.6	35	28	75	31	23	20	17	14	9.5	7.1	4.8
22	2.8	356	27	92	31	23	20	16	14	9.5	7.1	4.7
23	2.8	843	26	105	30	22	20	16	14	9.4	7.1	4.7
24	2.8	882	25	107	30	22	20	16	14	9.2	7.0	4.9
25	2.8	550	25	107	30	24	20	16	13	9.1	6.9	4.7
26	2.8	170	26	110	30	23	19	16	13	9.0	7.0	4.7
27	2.8	100	26	94	29	23	20	16	13	9.0	6.9	4.7
28	2.8	80	27	57	30	22	19	16	13	9.8	6.8	4.7
29	2.8	70	546	51		22	19	16	13	8.8	6.5	4.7
30	2.8	65	309	52		22	19	16	13	8.8	6.5	4.7
31	2.8		186	47		22		16		9.8	6.5	
	90.8	3480.0	2039	2622	1083	783	625	545	433	325.9	230.8	164.7
MEAN	2.93	116.	65.8	84.6	38.7	25.3	20.8	17.6	14.4	10.5	7.45	5.49
ACRE-FEET	180.	6,900.	4,040.	5,200.	2,150.	1,550.	1,240.	1,080.	859.	646.	458.	327.

Remarks:

YEAR OR PERIOD MEAN 34.0
ACRE-FEET 24,640.

74D74M C4b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U14-R

Daily discharge, in second-feet of BIG ROCK CREEK above Mouth of Canyon, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4.7	4.1	5.0	15	28	14	27	37	49	32	16	15
2	4.7	4.1	5.3	15	26	14	25	37	49	32	16	11
3	4.8	3.8	67	14	25	14	24	40	48	31	15	11
4	4.7	3.8	15	14	23	15	33	39	47	31	14	15
5	4.7	3.5	62	14	22	15	34	35	47	30	14	16
6	4.7	4.8	544	14	22	14	34	35	47	29	14	15
7	4.7	10	333	14	21	14	33	35	48	30	13	15
8	4.7	5.0	171	14	20	13	35	44	48	28	14	15
9	4.7	4.6	82	14	20	13	36	76	47	27	14	15
10	4.7	4.3	44	14	18	13	38	101	47	26	12	14
11	4.6	4.1	35	14	17	15	40	97	45	25	12	13
12	4.6	3.9	30	14	17	23	38	85	47	26	12	13
13	5.0	4.9	29	14	16	41	37	75	47	31	12	13
14	5.4	5.3	28	14	12	36	39	63	46	31	13	13
15	5.1	5.5	24	14	13	30	40	65	45	30	19	12
16	5.0	4.9	23	15	18	35	38	74	45	28	20	12
17	5.0	4.7	22	14	18	50	35	78	45	28	28	12
18	4.7	5.0	21	14	17	51	40	82	43	27	23	12
19	4.7	4.9	20	14	17	44	33	86	42	27	16	13
20	4.7	5.9	19	14	17	40	33	85	41	25	14	13
21	4.7	6.4	18	14	16	39	37	77	41	24	13	12
22	4.4	6.8	18	29	16	37	42	77	42	22	12	13
23	4.6	6.5	17	25	16	36	37	79	41	21	20	13
24	4.7	6.6	17	36	16	36	36	78	39	21	15	12
25	4.7	5.6	17	36	16	33	35	77	39	20	14	12
26	5.0	6.6	15	29	16	30	39	62	37	20	14	12
27	5.0	5.4	16	26	15	29	43	56	37	20	13	12
28	4.7	4.8	16	25	15	28	45	52	36	20	13	16
29	4.7	4.9	15	24		28	43	50	35	20	12	17
30	4.4	5.0	15	25		26	40	50	34	19	12	15
31	4.4		15	29		27		50		17	18	
	1472	157.7	1759.3	580	513	850	1101	1978	1303	797	467	402
MEAN	4.75	5.26	56.8	18.7	18.3	27.4	36.7	63.8	43.4	25.7	15.1	13.4
ACRE-FEET	292.	313.	3,490.	1,150.	1,020.	1,690.	2,180.	3,920.	2,580.	1,580.	926.	797.

Remarks:

YEAR OR PERIOD MEAN 27.5
ACRE-FEET 19,940.

STATION F111C-R

BIG TUJUNGA CREEK below Mill Creek

LOCATION: LAT. 34°18'33", LONG. 118°08'40", ON THE LEFT (EAST) BANK 500,± FEET BELOW MILL CREEK AND ABOUT 12 MILES NORTH OF LA CANADA. ELEVATION OF ZERO GAGE HEIGHT 2,650 ± FEET.

DRAINAGE AREA: 64.9 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - GRAVEL AND BOULDERS.
CONTROL - BED ROCK.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: AT STATION F111R - NOVEMBER 30, 1930 TO AUGUST 17, 1932.
AT STATION F111B-R - SEPTEMBER 15, 1932 TO MAY 18, 1950.
AT STATION F111C-R - JANUARY 16, 1948 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 6,550. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW OCTOBER 1, TO OCTOBER 13.

1966-67
MAXIMUM: 1,630. SECOND-FEET DECEMBER 6.
MINIMUM: 0.8 SECOND-FOOT AT VARIOUS TIMES.

1930-67
MAXIMUM: NOT DETERMINED MARCH 2, 1943.
MAXIMUM: 14,800. SECOND-FEET JANUARY 23, 1954.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD FOR LOW FLOWS; FAIR FOR STORM PERIODS.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

76D74M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F111C-R

Daily discharge, in second-feet of BIG TUJUNGA CREEK below Mill Creek, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	+	39	118	26	20	10	7.3	4.9	1.7	0.7	0.6
2	0		30	107	26	20	10	7.0	4.7	1.7	0.6	0.6
3	0		27	96	25	19	10	6.6	4.7	1.6	0.6	0.6
4	0	+	25	88	25	17	10	6.6	4.9	1.4	0.6	0.6
5	0	0.1	25	86	25	17	10	6.8	4.7	1.4	0.6	0.6
6	0	0.1	23	75	62	18	10	6.8	4.7	1.3	0.6	0.6
7	0	0.1	22	63	65	18	11	6.8	4.9	1.3	0.6	0.4
8	0	0.2	21	57	52	18	11	7.0	5.1	1.3	0.6	0.4
9	0	0.2	21	51	41	18	11	7.6	5.1	1.2	0.6	0.4
10	0	0.2	26	46	36	18	10	8.0	4.7	1.2	0.6	0.4
11	0	0.2	20	45	33	17	10	8.0	4.3	1.2	0.6	0.4
12	0	0.2	19	44	30	17	9.7	8.0	4.0	1.1	0.6	0.4
13	0	0.2	18	41	30	16	9.7	7.3	3.7	1.1	0.6	0.4
14	+	0.4	18	36	28	15	9.7	7.3	3.6	1.1	0.4	0.4
15		0.9	18	32	27	15	9.7	7.3	3.2	1.1	0.4	0.4
16		2.3	19	30	25	14	9.7	7.3	3.1	1.0	0.4	0.4
17		216	18	29	25	14	9.7	6.8	3.0	0.9	0.4	0.4
18		162	17	29	25	13	10	6.6	2.8	0.8	0.4	0.8
19		29	16	29	24	13	10	6.3	2.7	0.7	0.4	0.9
20		15	16	29	24	13	10	6.1	2.6	0.6	0.4	0.7
21		13	14	29	23	13	10	6.1	2.5	0.6	0.4	0.6
22		942	14	28	22	13	10	6.1	2.4	0.6	0.4	0.6
23		643	13	27	22	13	10	5.9	2.4	0.6	0.4	0.6
24		727	13	26	21	16	9.4	5.9	2.4	0.6	0.4	0.6
25		329	13	25	21	22	9.1	5.5	2.2	0.6	0.4	0.6
26		153	12	25	21	18	8.8	5.5	2.2	0.6	0.4	0.6
27		107	12	25	20	15	8.6	5.5	2.0	0.6	0.4	0.6
28		78	11	24	20	14	8.3	5.3	2.0	0.6	0.4	0.6
29		59	1,640	24		13	8.3	5.3	1.9	0.8	0.4	0.6
30		48	535	28		12	7.6	5.1	1.9	0.8	0.6	0.8
31	+		133	25		11		5.1		0.8	0.6	
	+	3526.1	2847	1417	824	490	291.3	202.8	103.3	30.9	15.5	16.6
MEAN	+	118.	91.8	45.7	29.4	15.8	9.71	6.54	3.44	1.00	0.50	0.55
ACRE-FEET	+	6,990.	5,650.	2,810.	1,630.	972.	578.	402.	205.	61.	31.	33.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 26.8
ACRE-FEET 19,360.

FM0746M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F111C-R

Daily discharge, in second-feet of BIG TUJUNGA CREEK below Mill Creek, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.8	1.0	2.4	11	36	12	29	89	30	12	6.3	3.7
2	0.9	1.0	3.5	10	32	12	30	84	28	12	6.3	4.2
3	0.9	1.0	111	9.7	28	12	34	80	26	12	5.9	4.2
4	0.9	1.1	42	9.7	26	12	64	76	26	12	5.7	4.0
5	1.0	1.1	112	9.7	25	12	76	70	26	12	5.5	4.0
6	1.1	1.1	314	9.4	24	12	54	64	25	12	5.5	4.0
7	1.0	28	278	9.1	22	11	62	59	25	12	5.3	4.0
8	1.0	19.8	92	9.1	21	11	54	58	25	12	5.3	4.0
9	1.0	4.7	40	8.8	19	11	48	58	25	11	5.1	3.8
10	1.0	3.2	27	8.8	19	12	46	60	25	11	4.9	3.8
11	1.0	3.1	25	8.8	15	12	74	59	24	10	4.9	3.7
12	1.0	2.8	24	8.8	15	45	62	57	24	9.7	5.1	3.7
13	0.9	2.8	23	8.8	15	148	70	53	24	10	5.3	3.7
14	0.8	2.7	22	8.6	15	117	79	48	24	10	5.3	3.6
15	0.8	2.5	19	8.0	15	70	79	46	22	9.7	5.5	3.6
16	0.8	2.4	17	7.8	15	53	70	42	21	9.4	5.5	3.7
17	0.8	2.2	16	7.6	15	42	63	40	21	8.8	5.5	3.7
18	0.8	2.2	15	7.6	15	39	90	39	20	8.6	5.5	3.8
19	0.8	2.2	14	7.8	15	33	86	36	19	8.0	5.5	3.8
20	0.8	2.8	13	8.6	14	28	76	33	18	7.8	5.5	3.8
21	0.9	3.0	13	8.8	14	26	94	31	18	7.6	5.5	3.8
22	0.9	2.6	12	25	14	24	142	31	17	7.6	5.5	3.8
23	0.9	2.6	13	36	13	23	128	30	17	7.3	6.8	3.8
24	0.8	2.6	13	147	13	23	135	30	17	7.3	4.6	3.8
25	0.9	2.6	12	113	13	23	142	30	16	7.3	3.7	3.8
26	0.9	2.6	12	67	13	22	154	30	15	7.3	3.7	3.7
27	1.0	2.6	12	64	13	22	149	30	15	6.8	3.7	3.7
28	1.0	2.7	12	52	13	21	133	30	14	6.8	3.7	3.6
29	1.0	2.6	11	45		22	120	30	13	6.6	3.7	3.6
30	1.0	2.5	11	42		21	101	30	13	6.6	3.7	3.6
31	1.0		11	41		26		30		6.3	3.7	
	28.3	113.1	1,341.9	818.5	506.0	957.0	2,544	1483	633	287.5	157.7	114.0

MEAN	0.91	3.74	59.4	26.4	18.1	30.9	84.8	47.8	21.1	9.27	5.09	3.80
ACRE-FEET	56.	223.	3,650.	1,620.	1,000.	1,900.	5,050.	2,940.	1,260.	570.	313.	226.

Remarks:

YEAR OR PERIOD MEAN 26.0
ACRE-FEET 18,810.

STATION F168-R

BIG TUJUNGA CREEK below Big Tujunga Dam

LOCATION: LAT. 34°17'20", LONG. 118°11'38", ON THE RIGHT (NORTHWEST) BANK, 2800. FEET BELOW THE DAM AND ABOUT 12 MILES NORTHEAST OF SUNLAND. ELEVATION OF ZERO GAGE HEIGHT 2,063.34 FEET.

DRAINAGE AREA: 82.7 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND, GRAVEL AND BOULDERS. CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW REGULATED BY BIG TUJUNGA DAM. DIVERSION - NONE.

RECORDS AVAILABLE: STREAM MEASUREMENTS - DECEMBER 8, 1931 TO NOVEMBER 7, 1932 AND JANUARY 20, 1938 TO MAY 29, 1938. RECORDER RECORDS - NOVEMBER 8, 1932 TO JANUARY 13, 1938 AND MAY 31, 1938 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2910. SECOND-FEET NOVEMBER 22.
MINIMUM: PLUS FLOW ON SEVERAL DAYS.

1966-67
MAXIMUM: 1550. SECOND-FEET DECEMBER 6.
MINIMUM: 9.2 SECOND-FEET SEVERAL DAYS IN JANUARY.

1932-67
MAXIMUM: 33,000. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD FOR LOW FLOWS; FAIR FOR HIGH FLOWS.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

7SDT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F168-R

Daily discharge, in second-feet of BIG TUJUNGA CREEK below Big Tujunga Dam, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6.8	2.3	189	278	29	0.1	+	+	11.3	a 9.7	9.1	12.4
2	6.8	0.1	164	196	29	0.1			10.0	9.7	10.9	12.4
3	6.8	+	127	203	30	0.1			10.0	9.7	12.7	12.4
4	6.8		71	241	30	0.1			10.0	9.7	12.7	12.4
5	6.8		71	241	30	0.1			10.0	9.7	12.7	12.4
6	6.8		47	200	31	0.1			10.0	a 9.7	12.7	12.4
7	6.8		33	183	49	0.1			10.0	9.7	12.7	12.4
8	6.8		33	189	61	0.1			10.0	9.7	12.7	12.4
9	6.8		32	132	61	0.1			10.0	9.7	12.7	12.4
10	6.8		32	88	61	0.1			10.0	9.7	12.7	12.4
11	6.8		32	97	61	0.1			10.0	9.7	12.7	12.4
12	6.8		30	113	60	0.1			10.0	9.7	a 12.7	12.1
13	6.8	+	29	97	59	0.1			10.0	9.7	12.7	12.1
14	6.8	4.6	29	54	57	0.1			10.0	9.7	13.0	12.1
15	6.5	5.0	29	53	55	0.1			10.0	9.7	13.0	12.1
16	6.5	2.3	28	52	51	+			10.0	9.7	13.0	12.1
17	6.2	7.6	26	51	50				10.0	9.7	a 13.0	12.1
18	6.2	27	24	51	49				10.0	8.8	13.0	12.1
19	6.2	59	22	49	48				10.0	8.8	13.0	12.1
20	5.9	59	21	114	48				10.0	8.8	12.7	12.1
21	5.9	59	21	157	46				10.3	8.8	12.7	12.1
22	5.9	683	19.6	155	32				10.3	8.8	12.7	11.8
23	5.9	2,110	22	153	26				10.3	8.8	12.4	11.8
24	5.9	900	24	151	11.8				10.3	8.8	12.4	11.8
25	5.9	342	24	167	0.1				10.3	8.8	12.4	11.8
26	5.9	142	24	184	0.1				10.3	8.8	12.4	11.5
27	5.9	84	14.6	163	0.1				10.3	8.8	12.4	11.5
28	5.9	189	8.5	81	0.1				10.3	9.1	12.4	11.5
29	5.9	189	1,030	28					10.3	9.1	12.4	11.5
30	5.9	189	855	28			+		10.0	9.1	12.4	11.5
31	5.9		287	28		+		+		9.1	12.4	
	197.6	5,053.9	3,393.7	3,977	1,065.2	1.5	+	+	304.0	289.3	387.4	362.1
MEAN	6.37	168.4	109.6	128.6	38.0	0.05	+	+	10.1	9.33	12.5	12.1
ACRE-FEET	392.	10,020.	6,740.	7,890.	2,110.	3.0	+	+	603.	574.	768.	718.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 41.2
ACRE-FEET 29,820.

7SDT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F168-R

Daily discharge, in second-feet of BIG TUJUNGA CREEK below Big Tujunga Dam, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11.8	10.4	9.5	11.3	97	10.0	12.2	168	57	21	22	11.8
2	11.8	10.4	9.5	11.3	66	10.0	12.6	147	57	21	21	11.8
3	11.8	10.4	14.1	36	62	10.0	12.6	147	57	22	20	11.8
4	11.8	10.4	10.8	74	30	10.0	13.1	130	57	22	20	11.8
5	11.8	10.0	12.9	71	30	10.0	13.1	108	58	22	20	11.8
6	11.5	10.0	699	62	30	10.0	13.1	108	58	22	20	11.8
7	11.5	12.2	232	52	30	10.0	13.6	108	58	22	20	11.8
8	11.5	10.8	237	55	30	10.0	13.6	108	58	22	20	11.8
9	11.5	10.4	224	22	30	10.0	13.6	108	58	22	20	11.8
10	11.2	10.4	190	9.2	26	10.0	13.6	108	58	22	20	11.8
11	11.2	10.4	213	9.2	24	10.0	14.6	99	58	22	20	11.8
12	11.2	11.3	205	9.2	24	11.8	13.6	99	58	22	19.2	11.8
13	11.2	11.3	192	9.2	24	13.1	13.6	99	58	22	19.2	11.8
14	10.9	10.8	105	9.2	24	70	13.6	99	58	22	19.2	11.3
15	10.9	10.8	42	9.2	24	130	18.6	99	58	22	19.2	11.3
16	10.6	10.8	33	9.5	24	134	23.9	91	57	22	18.1	11.3
17	10.3	10.0	12.2	9.5	24	132	28.9	55	57	22	18.1	11.3
18	10.3	10.0	11.8	9.5	23	130	103	39	47	22	44	10.8
19	10.3	10.0	10.8	9.5	23	128	191	46	20	22	58	10.8
20	10.3	10.0	10.8	9.5	23	126	186	60	20	22	60	10.8
21	10.3	9.5	10.4	9.5	23	124	186	60	20	22	97	10.8
22	10.3	9.5	10.4	10.0	23	97	186	61	20	22	117	10.8
23	10.3	9.5	10.4	10.0	21	10.4	186	62	20	22	111	10.8
24	10.3	9.5	10.4	26	21	10.8	171	62	20	22	111	10.8
25	10.3	9.5	10.4	124	21	10.8	161	57	20	22	80	10.8
26	10.3	9.5	10.8	124	21	11.3	159	55	20	22	13.1	17.5
27	10.3	9.5	10.8	122	21	11.3	148	55	21	22	12.6	23
28	10.3	9.5	10.8	121	15.2	11.3	194	55	21	22	12.2	23
29	10.3	9.5	10.8	119		11.3	194	55	21	22	11.8	23
30	10.3	9.5	10.8	115		11.3	194	55	21	22	11.8	22
31	10.3		11.3	111		12.2		55		22	11.8	
	336.7	305.8	2,591.7	1,398.8	834.2	1,296.6	2,511.9	2,604.0	1,271.0	680.0	1,087.3	393.5
MEAN	10.8	10.2	83.2	44.8	29.8	41.8	83.7	84.0	42.4	21.9	35.1	13.1
ACRE-FEET	668.	607.	5,140.	2,750.	1,650.	2,570.	4,980.	5,160.	2,520.	1,350.	2,160.	780.

Remarks:

YEAR OR PERIOD MEAN 41.9
ACRE-FEET 30,340.

STATION F213-R

BIG TUJUNGA CREEK above Gold Canyon

LOCATION: LAT. 34°18'02", LONG. 118°16'04", ON THE LEFT (SOUTH) BANK, 2 MILES ABOVE MOUTH OF CANYON, 7 MILES BELOW BIG TUJUNGA DAM AND ABOUT 4 MILES NORTHEAST OF SUNLAND. ELEVATION OF ZERO GAGE HEIGHT 1,571.80 FEET.

DRAINAGE AREA: 106. SQUARE MILES. (82.3 SQUARE MILES CONTROLLED BY THE BIG TUJUNGA DAM.

CHANNEL AND CONTROL: CHANNEL - GRAVEL AND BOULDERS. CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR 90. FEET BELOW STATION

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW REGULATED BY BIG TUJUNGA DAM. DIVERSION - SEVERAL SMALL IRRIGATION DIVERSIONS.

RECORDS AVAILABLE: OCTOBER 1, 1932 TO SEPTEMBER 30, 1967. (RECORDS AT THE UNITED STATES GEOLOGICAL SURVEY STATION, TUJUNGA CREEK NEAR SUNLAND, OCTOBER 1, 1915 TO SEPTEMBER 30, 1967 IN WATER SUPPLY PAPERS)

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 5,220. SECOND-FEET DECEMBER 30.
MINIMUM: 1.0 SECOND-FOOT AT VARIOUS TIMES.

1966-67
MAXIMUM: 1,900. SECOND-FEET DECEMBER 6.
MINIMUM: 10. SECOND-FEET, SEVERAL DAYS, OCTOBER AND NOVEMBER.

1916-67
MAXIMUM: 50,000. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW OCTOBER 6, 1950.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

7617GM Gfb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F213-R

Daily discharge, in second-feet of BIG TUJUNGA CREEK above Gold Canyon, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5.5	4.7	240	468	54	15	8.6	5.1	11	9.8	8.0	13
2	5.5	2.3	230	317	54	15	9.2	4.8	12	9.8	9.2	13
3	6.0	1.8	195	295	52	13	9.2	4.8	12	9.8	12	12
4	6.0	1.5	77	305	51	13	9.2	5.1	12	9.2	12	12
5	6.0	1.3	70	301	50	13	8.6	5.5	12	9.2	12	12
6	6.0	1.2	59	279	67	13	8.6	5.5	12	9.2	12	12
7	6.0	1.0	55	267	21	13	8.6	5.8	13	9.2	12	12
8	6.0	1.0	54	272	92	12	8.5	6.6	15	9.8	12	12
9	6.5	1.0	55	225	90	12	8.6	7.3	15	9.8	12	12
10	6.5	1.0	57	169	90	12	8.6	7.3	15	9.8	12	12
11	6.5	1.0	52	134	90	11	8.6	7.3	13	10	13	12
12	6.5	1.0	58	147	86	11	8.6	6.9	12	10	13	12
13	6.5	1.0	51	140	84	11	8.6	6.6	11	11	12	12
14	6.5	1.0	51	96	82	11	7.3	6.2	11	11	12	12
15	6.5	2.3	49	92	78	11	6.9	5.8	11	11	12	12
16	6.5	11	47	86	69	11	6.9	5.5	11	11	12	12
17	6.5	183	45	86	69	11	7.3	5.1	11	11	12	12
18	6.5	118	44	84	67	10	7.6	5.1	10	11	12	13
19	6.0	73	42	82	64	10	7.6	5.1	10	11	12	13
20	6.0	52	41	127	63	10	7.3	5.1	11	10	13	13
21	6.0	46	41	172	59	9.8	6.9	5.1	11	10	12	12
22	6.0	1090	40	170	51	9.2	6.9	5.1	11	9.8	12	12
23	6.0	2350	39	167	49	8.6	6.6	4.8	11	9.2	12	12
24	5.5	1860	37	164	37	10	6.2	4.4	11	9.2	12	12
25	5.5	627	37	175	17	12	6.2	4.4	11	9.2	12	12
26	6.0	257	37	201	16	10	6.2	4.2	10	9.2	12	12
27	6.0	144	31	175	15	10	6.2	4.2	10	9.2	12	12
28	6.0	253	23	112	15	10	6.2	4.0	10	9.2	12	12
29	6.0	244	1980	55		9.8	5.8	4.0	10	9.2	12	13
30	6.0	240	1510	62		9.2	5.5	4.0	9.8	9.2	13	13
31	6.0		472	54		8.6		4.0		8.6	13	
	189.0	8071.1	5,819	5479	1632	345.2	227.2	164.7	344.8	304.6	370.2	367.0
MEAN	6.10	269.	188.	177.	58.3	11.1	7.57	5.31	11.5	9.83	11.9	12.2
ACRE-FEET	375.	16,010.	11,540.	10,870.	3,240.	685.	451.	327.	684.	604.	734.	728.

Remarks:

YEAR OR PERIOD MEAN 63.9
ACRE-FEET 46,250.

F6D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F213-R

Daily discharge, in second-feet of BIG TUJUNGA CREEK above Gold Canyon, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	10	12	22	128	23	53	220	89	30	27	14
2	13	10	14	22	85	22	55	202	87	31	26	14
3	13	10	157	38	70	22	47	202	85	32	26	14
4	12	11	42	85	48	22	47	180	85	33	26	14
5	12	11	109	85	47	22	44	155	85	33	26	14
6	12	12	906	82	46	22	43	152	85	32	26	14
7	12	54	406	69	46	22	53	152	85	32	26	15
8	11	24	318	70	46	22	49	152	84	32	26	14
9	11	18	283	43	46	22	46	152	84	32	26	14
10	12	16	236	20	42	22	45	152	82	32	26	13
11	12	14	245	18	39	27	100	141	80	31	26	13
12	12	14	240	18	37	78	70	127	80	31	26	13
13	12	13	232	18	37	172	65	123	78	32	26	13
14	12	13	254	17	37	173	62	121	76	32	26	13
15	12	13	72	17	37	198	66	121	76	32	26	13
16	12	13	61	17	37	188	76	113	74	31	26	13
17	12	13	29	17	37	178	74	94	74	30	26	14
18	12	13	27	17	36	172	171	74	69	30	44	15
19	12	13	26	17	35	170	254	79	43	29	66	16
20	12	15	26	17	34	168	245	87	41	29	66	16
21	12	14	25	13	34	165	259	85	40	28	95	16
22	12	13	24	64	34	136	293	85	39	29	121	16
23	12	13	23	46	33	44	257	87	38	28	121	15
24	12	13	23	216	33	43	242	85	36	29	119	16
25	12	12	23	225	35	42	228	84	35	28	101	16
26	12	13	22	175	34	42	225	84	34	28	17	20
27	12	12	22	162	33	41	213	85	32	28	14	25
28	12	12	22	155	29	41	251	87	30	27	14	26
29	11	12	22	150		41	248	89	28	27	13	26
30	10	12	22	148		40	245	89	29	27	13	26
31	10		22	143		52		90		27	13	
	368.0	436.0	3,945.0	2,211.0	1,234.0	2,432.0	4,125.0	3,749.0	1,883.0	932.0	1,260.0	481.0
MEAN	11.9	14.5	124.	71.3	44.1	78.5	138.	121.	62.8	30.0	40.6	16.0
ACRE-FEET	730.	865.	7,630.	4,390.	2,450.	4,820.	8,180.	7,440.	3,730.	1,850.	2,500.	954.

Remarks:

YEAR OR PERIOD MEAN 62.9
ACRE-FEET 45,540.

STATION E20C-R

TUJUNGA WASH above Glenoaks Boulevard

LOCATION: LAT. 34°15'10", LONG. 118°23'20", ON THE LEFT (EAST) BANK OF THE OUTLET CHANNEL OF HANSEN DAM, 0.1 MILE ABOVE GLENOAKS BOULEVARD AND 3 MILES SOUTHEAST OF SAN FERNANDO. ELEVATION OF ZERO GAGE HEIGHT 943.32 FEET.

DRAINAGE AREA: 150. SQUARE MILES.

REGULATION AND DIVERSION: REGULATION - BIG TUJUNGA DAM AND HANSEN DAM. DIVERSION - SEVERAL SMALL DIVERSIONS FOR DOMESTIC USE AND IRRIGATION. WATER DIVERTED TO SPREADING GROUNDS AND SOMETIMES RETURNED TO CHANNEL BELOW STATION.

RECORDS AVAILABLE: AUGUST 1940 TO SEPTEMBER 1967; APRIL 1932 TO SEPTEMBER 1940. (FRAGMENTARY)

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 3,240. SECOND-FEET NOVEMBER 23.
MINIMUM: NO FLOW MOST OF YEAR.

1966-67
MAXIMUM: 5,130. SECOND-FEET DECEMBER 22.
MINIMUM: NO FLOW MOST OF YEAR.

1940-67
MAXIMUM: 54,000. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW PART OF EACH YEAR.

ACCURACY: GOOD.

OPERATION: RECORDS FURNISHED BY THE UNITED STATES CORPS OF ENGINEERS AND THE UNITED STATES GEOLOGICAL SURVEY.

76D74M Glb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E20C-R

Daily discharge, in second-feet of TUJUNGA WASH above Glenoaks Boulevard, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	416	0	0	0	0	0	0	0	0
2	0	0	0	337	0	0	0	0	0	0	0	0
3	0	0	0	242	0	0	0	0	0	0	0	0
4	0	0	0	145	0	18	0	4.7	0	0	0	0
5	0	0	0	109	0	0	0	0	0	0	0	0
6	0	0	0	109	0	0	0	0	0	0	0	0
7	0	0	0	66	0	0	0	0	0	0	0	0
8	0	0	0	53	0	0	0	0	0	0	0	0
9	0	0	0	66	0	0	0	0	0	0	0	0
10	0	0	0	81	0	0	0	0	0	0	0	0
11	0	0	0	121	0	0	0	0	0	0	0	0
12	0	0	0	150	0	0	0	0	0	0	0	0
13	0	0	0	213	0	0	0	0	0	0	0	0
14	0	0	0	281	0	0	0	0	0	0	0	0
15	0	0	0	281	0	0	0	0	0	0	0	0
16	0	0	0	257	0	0	0	0	0	0	0	0
17	0	0	0	207	0	0	0	0	0	0	0	0
18	0	0	0	172	0	0	0	0	0	0	0	0
19	0	0	0	172	0	0	0	0	0	0	0	0
20	0	0	0	165	0	0	0	0	0	0	0	0
21	0	0	0	151	0	0	0	0	0	0	0	0
22	0	145	0	158	0	0	0	0	0	0	0	0
23	0	2320	0	165	0	0	0	0	0	0	0	0
24	0	1810	0	109	0	0	0	0	0	0	0	0
25	0	241	0	94	0	0	0	0	0	0	0	0
26	0	0	0	64	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0		0	0	0	0	0	0	0
30	0	0	29	0		0	0	0	0	0	0	0
31	0		577	0		0		0		0		
	0		606		0		0		0		0	
		4,516		4,384		18		4.7		0		0
MEAN	0	151.	19.5	141.	0	0.58	0	0.15	0	0	0	0
ACRE-FEET	0	8,960.	1,200.	8,700.	0	36.	0	9.3	0	0	0	0

Remarks:

YEAR OR PERIOD MEAN 26.1
ACRE-FEET 18,900

76D74M Glb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E20C-R

Daily discharge, in second-feet of TUJUNGA WASH above Glenoaks Boulevard, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	103	0	0	120	66	0	0	0
2	0	0	0	0	91	0	0	91	66	0	0	0
3	0	0	0	0	66	0	0	64	66	0	0	0
4	0	0	0	0	53	0	0	16	71	0	0	0
5	0	0	0	0	45	0	0	0	76	0	0	0
6	0	0	47	0	31	0	0	0	35	0	0	0
7	0	0	7.9	0	15	0	0	0	0	0	0	0
8	0	0	3.3	0	0.80	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	3.0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	38	0	0	0	0
19	0	0	0	0	0	0	0	71	0	0	0	0
20	0	0	0	0	0	0	0	71	0	0	0	0
21	0	0	0	0	0	0	0	76	0	0	0	0
22	0	0	404	0	0	0	0	76	0	0	0	0
23	0	0	0	0	0	0	0	76	0	0	0	0
24	0	0	0	0	0	0	0	81	0	0	0	0
25	0	0	0	0	0	0	0	81	0	0	0	0
26	0	0	0	0	0	0	0	76	0	0	0	0
27	0	0	0	0	0	0	0	71	0	0	0	0
28	0	0	0	0	0	0	93	71	0	0	0	0
29	0	0	0	0		0	145	71	0	0	0	0
30	0	0	0	64		0	165	71	0	0	0	0
31	0		0	109		0		71		0	0	
	0		465.2		404.80		403		380		0	
		0		173		0		1,292		0		0
MEAN	0	0	15.0	5.58	14.5	0	13.4	41.7	12.7	0	0	0
ACRE-FEET	0	0	920.	343.	803	0	799.	2,560.	750.	0	0	0

Remarks:

YEAR OR PERIOD MEAN 8.54
ACRE-FEET 6,180.

STATION F105B-R

TUJUNGA WASH below Moorpark Street

LOCATION: LAT. 34° 08' 58", LONG. 118° 23' 26", ON THE RIGHT (WEST) CHANNEL WALL, 1725 FEET ABOVE LOS ANGELES RIVER; NEAR STUDIO CITY.
ELEVATION OF ZERO GAGE HEIGHT 577.78.

DRAINAGE AREA: 225. SQUARE MILES. (REVISED 1965)

CHANNEL AND CONTROL: CHANNEL – RECTANGULAR CONCRETE, 70 FEET WIDE BY 14 TO 14.5 FEET.
CONTROL – FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM MOORPARK STREET BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - BIG TUJUNGA DAM, HANSEN DAM, PACOIMA DAM, LOPEZ DEBRIS DAM AND PROJECT 85 DIVERSION FROM PACOIMA WASH.
DIVERSION - AT MOUTH OF BIG TUJUNGA AND PACOIMA CANYONS FOR IRRIGATION; AT BIG TUJUNGA, BRANFORD, HANSEN AND PACOIMA SPREADING GROUNDS.

RECORDS AVAILABLE: AT STATION F105-R AUGUST 1930 TO FEBRUARY 17, 1938 AND OCTOBER 17, 1938 TO MARCH 24, 1949; AT STATION F105B-R MARCH 22, 1959, TO SEPTEMBER 30, 1967. NO RECORD AVAILABLE FROM MARCH 24, 1949 TO MARCH 22, 1950 DUE TO CHANNEL CONSTRUCTION.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 5,180 SECOND-FEET NOVEMBER 17.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1966–67
MAXIMUM: 4,960 SECOND-FEET NOVEMBER 7.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1930–67
MAXIMUM: NOT DETERMINED MARCH 2,1938.
MAXIMUM: 6,910 SECOND-FEET FEBRUARY 16, 1962.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD, EXCEPT FOR LOW FLOWS.

OPERATION: LOCATED AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS, DEPARTMENT OF THE ARMY, OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES CORPS OF ENGINEERS, DEPARTMENT OF THE ARMY

REMARKS: PRIOR TO 1950, DRAINAGE AREA WAS INDETERMINATE DUE TO A NATURAL SPLIT WHICH DIVIDED STREAM INTO TWO BRANCHES, THE CENTRAL BRANCH NOW DRAINS LOCAL DRAINAGE AREA ONLY.

76D74M Glb 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F105B-R

Daily discharge, in second-feet of TUJUNGA WASH below Moorpark Street, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	b 0.1	b 0.3	b 3.0	311	11.8	b 0.5	b 1.3	b 1.1	b 0.4	b 1.5	b 1.0	b 0.4
2	0.1	0.3	0.1	225	7.1	b 0.3	4.8	1.0	0.6	1.5	1.2	0.4
3	0.1	0.2	36	142	b 1.8	b 0.3	b 1.3	1.0	0.8	1.5	1.5	0.4
4	0.2	0.2	b 1.0	107	b 2.4	14.2	1.1	1.5	1.2	1.5	1.7	0.4
5	0.2	0.2	0.1	91	b 1.5	b 1.7	1.0	1.2	1.6	1.4	1.7	0.3
6	0.3	0.2	0.2	91	196	1.7	0.9	1.2	2.0	1.4	1.7	0.3
7	0.3	0.2	0.1	75	b 2.0	1.7	0.9	1.2	1.8	1.4	1.6	0.3
8	0.3	0.2	b 0.1	60	1.5	1.7	0.8	b 1.2	1.6	1.4	1.6	0.3
9	0.3	0.2	57	24	1.5	1.7	0.7	24	1.4	1.2	1.5	0.3
10	0.3	0.2	11.9	2.4	1.3	1.7	b 0.6	b 1.0	1.4	1.0	1.5	0.4
11	0.3	0.2	b 1.0	4.8	1.2	1.8	2.4	0.9	1.4	0.8	1.5	0.4
12	0.2	0.2	11.9	1.0	1.2	2.0	7.1	0.8	1.4	0.7	1.3	0.4
13	0.2	b 0.2	b 1.0	b 0.3	1.1	2.2	b 1.0	0.8	1.4	0.6	1.1	0.5
14	0.2	108	7.1	b 2.4	1.1	2.4	0.2	0.8	1.8	0.5	0.9	0.5
15	0.2	152	b 2.4	b 1.0	1.0	2.4	0.2	0.7	2.0	0.5	0.7	0.5
16	0.2	353	2.4	2.4	0.8	2.6	0.4	0.7	2.0	0.6	0.6	0.5
17	0.3	671	1.1	b 1.0	0.8	2.8	0.6	0.6	2.0	0.7	0.5	b 0.5
18	0.3	19.0	1.1	b 1.0	0.8	2.6	0.8	0.6	1.9	0.8	0.5	17.4
19	0.3	7.1	0.7	b 1.0	0.8	2.4	0.9	0.6	1.8	0.9	0.7	b 8.0
20	0.4	4.8	0.7	7.1	0.8	2.1	1.0	0.6	1.7	1.0	0.9	2.0
21	0.4	2.4	0.7	b 1.0	0.8	1.9	1.0	0.6	1.6	1.0	1.1	2.0
22	0.4	1,040	1.1	1.0	0.8	1.6	1.0	0.6	1.5	1.0	1.2	2.0
23	0.4	2,280	1.1	1.5	6.7	b 1.3	1.0	0.5	1.4	0.9	1.3	2.0
24	0.4	2,430	1.1	1.4	1.0	30	1.0	0.5	1.4	0.8	1.4	2.0
25	0.4	558	1.1	1.4	1.5	b 2.0	1.0	0.5	1.4	0.7	1.4	1.9
26	0.4	56	1.1	1.4	1.0	1.3	1.0	0.5	1.4	0.6	1.2	1.8
27	0.4	b 2.0	b 1.1	1.4	1.0	1.3	1.5	0.5	1.6	0.5	1.0	1.7
28	0.4	0.2	2.4	1.4	b 1.5	1.3	1.0	0.5	1.4	0.4	0.3	b 1.6
29	0.4	5.0	1,040	b 2.0		1.3	1.0	0.5	1.5	0.5	0.6	12.5
30	0.3	b 4.0	506	256		1.3	b 1.1	0.4	b 1.5	0.6	0.5	b 2.0
31	b 0.3		358	4.8		b 1.3		b 0.4		b 0.8	b 0.4	
	9.0	7,695.3	2,052.6	1,423.7	250.8	93.4	38.6	47.0	44.9	28.7	34.6	63.7
MEAN	0.29	257.	66.2	45.9	8.96	3.01	1.29	1.52	1.50	0.93	1.12	2.12
ACRE-FEET	18.	15,260.	4,070.	2,820.	497.	185.	77.	93.	89.	57.	69.	126.

Remarks:

YEAR OR PERIOD MEAN 32.3
ACRE-FEET 23,400.

7&D74M Gfb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F105B-R

Daily discharge, in second-feet of TUJUNGA WASH below Moorpark Street for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	b 0.3	b 0.5	b 0.3	b 1.1	2.4	b 2.5	76	9.5	b 2.3	b 1.0	b 0.9	28
2	0.3	0.5	66	1.1	4.8	3.0	9.5	7.1	1.0	0.8	0.9	21
3	0.3	0.5	334	1.1	b 4.1	2.7	1.0	b 0.7	0.2	0.6	0.9	b 2.4
4	0.3	0.5	19.0	1.2	3.4	2.4	28	b 0.7	0.2	0.5	0.8	2.4
5	0.3	b 0.5	181	1.2	2.7	2.1	2.4	b 0.7	0.2	0.4	0.7	2.4
6	0.3	4.7	303	1.2	2.0	1.8	2.4	7.0	0.2	0.3	0.6	2.4
7	0.4	882	17.0	1.2	1.4	1.5	39	0.2	0.2	0.3	0.5	2.4
8	0.4	b 0.2	7.1	1.3	b 0.7	1.2	2.4	0.2	0.2	0.3	0.4	2.4
9	0.5	0.2	1.0	1.3	+	0.9	1.0	0.5	0.2	0.4	0.3	2.4
10	0.5	0.2	0.9	1.3	b 0.6	b 0.9	2.4	0.7	0.1	0.4	0.3	2.1
11	0.6	0.2	4.8	1.4	1.2	38	158	0.2	0.1	0.5	0.3	1.8
12	0.6	0.3	0.7	1.4	1.8	227	1.0	0.2	0.1	0.5	0.3	1.5
13	0.7	0.3	0.3	1.4	2.4	48	2.4	0.2	0.1	0.5	0.3	1.2
14	0.7	0.3	0.5	1.4	3.0	9.5	0.9	0.1	0.1	0.8	0.2	0.9
15	0.6	0.4	1.0	1.4	3.6	7.7	2.4	0.1	0.1	1.1	0.2	0.6
16	0.6	0.4	1.0	1.3	4.1	0.2	4.8	0.2	0.2	1.4	0.2	0.6
17	0.5	0.4	1.0	1.3	3.8	0.2	1.0	0.2	0.4	1.7	0.2	0.6
18	0.5	0.4	1.0	1.3	3.4	9.5	74	4.5	0.6	2.0	1.0	0.6
19	0.4	b 0.4	1.0	1.3	3.0	14.3	1.0	0.3	0.8	2.3	1.5	0.6
20	0.4	59	0.9	1.3	2.6	7.1	0.3	0.3	1.0	2.6	1.5	b 0.6
21	0.4	+	1.0	b 1.3	2.3	4.8	27	0.3	1.2	2.4	1.5	0.6
22	0.4		390	627	1.9	4.8	84	0.3	1.4	2.2	1.5	0.3
23	0.4		7.1	15.7	1.5	4.8	1.0	0.5	1.4	2.0	1.5	0.3
24	0.4		7.1	232	b 1.0	4.8	53	0.2	1.4	1.8	1.5	0.5
25	0.4		4.8	9.5	14.9	4.8	38	0.2	1.4	1.6	1.5	0.5
26	0.4		4.8	7.2	b 1.0	2.4	28	1.0	1.4	1.4	1.4	0.5
27	0.4		2.4	7.1	b 1.5	2.4	33	4.8	1.4	1.1	1.4	0.5
28	0.4		1.0	2.4	b 2.0	4.8	92	9.5	1.4	1.1	1.3	24
29	0.4		1.0	4.8		4.8	42	7.1	1.4	1.0	1.2	b 0.2
30	0.4	+	1.0	28		3.1	11.9	4.8	b 1.2	1.0	1.1	b 0.2
31	b 0.4		1.0	9.5		157		7.1		b 1.0	b 1.0	
	13.6	951.9	1362.7	970.0	77.1	579.0	819.8	69.4	21.9	35.0	26.9	104.5
MEAN	0.44	31.7	44.0	31.3	2.75	18.7	27.3	2.24	0.73	1.13	0.87	3.48
ACRE-FEET	27.	1,890.	2,700.	1,920.	153.	1,150.	1,630.	138.	43.	69.	53.	207.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 13.8
ACRE-FEET 9,980.

STATION F329-R

BRADBURY CHANNEL below Central Avenue

LOCATION: LAT. 34°08'08", LONG. 117°57'17", ON THE LEFT (EAST) CHANNEL WALL, 200 FEET BELOW CENTRAL AVENUE, 1 MILE EAST OF DUARTE. ELEVATION OF ZERO GAGE HEIGHT 515.03 FEET.

DRAINAGE AREA: 3.3 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 18 FEET WIDE BY 12 FEET DEEP.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - BRADBURY AND SPINKS DEBRIS BASINS. DIVERSION - NONE.

RECORDS AVAILABLE: JUNE 14, 1957 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 552. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 280. SECOND-FEET JANUARY 24.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1957-67
MAXIMUM: 1,250. SECOND-FEET JANUARY 6, 1959.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F329-R

Daily discharge, in second-feet of BRSDBURY CHANNEL below Central Avenue, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	0.02	0.5	0.02	0.8	0.05	0.8	0.02	0.1	0.05	0.05	+
2	0	0.01	0.02	0.1	0.1	0.02	0.5	0.02	0.05	0.3	0.1	+
3	0	0.01	0.02	0.05	0.05	0.02	0.5	0.05	0.01	1.2	0.1	0.02
4	0	0.01	0.01	0.02	0.1	0.02	0.5	0.05	0.1	0.5	0.1	0.1
5	0	0.02	0.01	0.02	0.3	0.02	0.05	0.3	0.3	0.3	0.1	0.1
6	0	0.01	0	0.02	4.7	0.02	0.5	0.1	0.3	0.02	0.3	0.1
7	0.05	0.02	0.02	0.02	0.05	0.02	0.5	1.2	0.01	0.01	0.3	0.02
8	0.3	0.02	0.05	b 0.02	0.5	0.05	0.1	1.2	0.01	0.02	0.3	0
9	0.5	0.02	4.6	0.02	0.3	0.05	0.1	1.7	0.01	0.5	0.1	+
10	0.5	0	0.05	0.02	0.3	0.05	0.1	0.5	0.3	0.8	0.1	0
11	0.3	0.01	0	b 0.02	0.05	0.05	0.1	0.1	0.02	0.05	0.3	0.05
12	0.02	0	1.3	0.02	0.1	0.05	0.1	0.05	0.1	0.02	0.1	0.5
13	+	0.01	+	0.02	0.1	0.05	0.5	0.05	0.3	0.01	0.3	0.05
14	0	2.1	0.05	0.02	0.3	0.05	0.02	0.05	0.3	0.01	0.8	0.05
15	0.02	2.3	0.01	0.02	0.3	0.1	0.02	0.05	0.01	0.3	0.5	0.05
16	0.02	7.6	0.01	0.02	0.05	0.1	0.1	0.01	0.1	0.8	0.1	0.05
17	0.1	24	0	0.02	0.1	0.1	0.5	0.01	0.5	1.7	0.1	0.3
18	0.02	0.1	0	0.02	0.5	0.05	0.8	0.01	0.01	0.8	0.1	0.8
19	0.01	0.01	0	0.05	0.5	0.05	0.8	0.01	0.01	0.5	0.05	0.3
20	0.05	0.02	0	0.02	0.5	0.05	0.5	0.01	0.1	0.5	0.01	0.3
21	0.02	0.02	0.2	0.02	0.3	0.05	0.5	0.05	0.01	0.3	0.05	0.05
22	0.05	43	0.5	0.02	0.5	0.02	0.5	0.02	0.01	0.1	0.05	0.02
23	0.02	1.7	0.05	0.02	0.3	0.02	0.3	0.01	0.05	0.01	0.05	0.01
24	0.02	11.7	0.05	0.02	0.3	3.7	0.1	0.02	0.3	0.02	0.05	0.1
25	0.05	3.3	0.01	0.02	0.3	3.1	0.05	0.1	0.3	0.01	0.05	0.5
26	0.01	0.8	0.01	b 0.02	0.8	0.02	0.05	0.05	0.5	0.05	0.1	0.3
27	0.02	0.5	0.01	0.02	0.5	0.02	0.01	0.1	0.3	0.02	0.02	0.3
28	0	0.3	0.01	0.02	0.3	0.02	0.01	0.1	0.1	0.05	0.01	0.5
29	0.02	0.8	46	0.02		0.3	0.01	0.1	0.05	0.05	+	0.5
30	0	0.5	1.2	6.7		0.8	0.5	0.3	0.02	0.3	+	0.5
31	0		0.1	0.02		0.8		0.5		0.3	+	
	2.10	98.91	54.79	7.44	13.00	9.82	9.12	6.84	4.28	9.60	4.29	5.57
MEAN	0.07	3.30	1.77	0.24	0.46	0.32	0.30	0.22	0.14	0.31	0.14	0.19
ACRE-FEET	4.2	196.	109.	15.	26.	19.	18.	14.	8.5	19.	8.5	11.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.62
ACRE-FEET 448.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F329-R

Daily discharge, in second-feet of BRADBURY CHANNEL below Central Avenue, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	+	0.05	0	0.05	0.1	2.8	0.6	0.3	0.3	0.1	3.6
2	0.02	0.02	3.0	0	0.05	0.1	0.6	0.3	0.1	0.3	0.1	1.0
3	0.01	0.05	26	0	0.05	0.3	0.3	0.6	0.1	0.6	0.3	1.0
4	0.01	0.05	1.0	0	0.05	0.3	0.3	0.6	0.1	0.6	0.3	0.6
5	0.05	0.05	17.7	0	0.05	0.3	0.3	0.6	0.3	0.6	0.4	2.1
6	0.1	0.1	25	0	0.02	0.3	0.1	0.1	0.3	0.4	0.3	1.0
7	0.1	11.3	2.8	0	0.05	0.1	0.3	0.05	0.3	0.1	0.3	0.6
8	0.1	0.06	1.0	0	0.3	0.1	0.02	0.05	0.1	0.05	0.05	0.1
9	0.1	0	0.1	0	0.3	0.3	0.02	0.05	0.6	0.1	0.1	0.3
10	0.1	0	0.02	0	0.6	0.3	0.02	0.1	0.3	0.1	0.1	0.3
11	0.1	+	0.02	0.01	0.6	1.0	6.0	0.1	0.3	0.05	0.1	0.3
12	0.1	+	0.01	0.01	0.3	1.0	0.02	0.3	1.0	0.05	0.1	0.1
13	0.1	0	0.01	0.01	0.3	3.8	0.05	0.3	0.6	0.1	0.1	0.1
14	0.05	+	0.01	0.01	0.3	1.0	0.05	0.1	0.3	0.1	0.1	0.3
15	0	0.01	0.01	0.3	0.3	0.3	0.01	0.1	0.3	0.3	0.1	0.6
16	+	0.02	0.01	0.3	0.3	0.3	0.01	0.05	0.3	0.3	0.3	0.6
17	0.02	0.03	0.1	0.1	0.3	0.3	0.01	0.1	0.3	0.3	0.1	0.6
18	0.05	0.02	0.05	0.3	0.1	0.1	2.4	0.1	0.3	0.3	0.3	0.6
19	0.05	0.02	0.05	0.3	0.3	0.05	0.8	0.1	0.3	0.3	0.3	0.6
20	0.1	0.02	0.05	0.6	0.3	0.3	0.11	0.1	0.3	0.3	0.3	0.6
21	0.3	0.02	0.1	0.6	0.3	0.3	3.6	0.1	0.3	0.3	0.3	0.6
22	0.3	0.02	0.1	27	0.3	0.3	1.4	0.1	0.3	0.3	0.3	0.6
23	0.1	0.02	0.1	0.6	0.3	0.3	0.02	0.1	0.3	0.3	0.1	0.1
24	0.3	0.02	0.05	52	0.3	0.3	1.5	0.1	0.3	0.1	0.1	0.1
25	0.02	0.02	0.05	1.5	0.3	0.3	0.1	0.3	0.3	0.1	0.3	0.1
26	0.05	0.02	0.1	0.3	0.3	0.3	0.6	1.0	0.1	0.1	0.3	0.7
27	0.3	0.05	0.05	0.1	0.1	0.3	0.6	1.0	0.3	0.1	0.1	1.0
28	0.3	0.05	0.01	0.1	0.1	0.3	1.0	0.6	0.3	0.6	0.1	0.6
29	0.3	0.05	0	0.05		0.6	0.6	0.3	0.3	0.6	0.1	0.6
30	0.3	0.02	0	0.3		0.3	0.6	0.3	0.3	1.0	0.1	0.1
31	0.02		0	0.1		1.5		1.0		0.3	0.3	
	3.55	12.04	77.55	84.59	6.62	15.15	24.43	9.30	9.3	8.75	5.65	19.5
MEAN	0.11	0.40	2.50	2.73	0.24	0.49	0.81	0.30	0.31	0.28	0.18	0.65
ACRE-FEET	7.0	24.	154.	168.	13.	30.	48.	18.	18.	17.	11.	39.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.68
ACRE-FEET 547.

STATION F342-R

BRANFORD STREET CHANNEL below Sharp Avenue

LOCATION: LAT. 34°14'07", LONG. 118°24'43", ON THE LEFT (SOUTH) BANK, 125 FEET BELOW SHARP AVENUE, ABOUT 3.6 MILES SOUTH OF SAN FERNANDO. ELEVATION OF ZERO GAGE HEIGHT 845.7 FEET.

DRAINAGE AREA: 5.01 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL CONCRETE, 32 FEET WIDE AT TOP, 10 FEET WIDE AT BOTTOM, 75 FEET DEEP.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS BY FLOATS.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1067.

REGULATION AND DIVERSION: REGULATION - NONE.
DIVERSION - LOPEZ CANYON CREEK DIVERTED TO HANSEN DAM.

RECORDS AVAILABLE: JANUARY 12, 1962 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 587. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW MOST OF YEAR.

1966-67
MAXIMUM: 445. SECOND-FEET NOVEMBER 7.
MINIMUM: NO FLOW MOST OF YEAR.

1961-67
MAXIMUM: 587. SECOND-FEET DECEMBER 29, 1965.
MINIMUM: NO FLOW PART OF EACH YEAR.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

760T6M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F342-R

Daily discharge, in second-feet of BRANFORD STREET CHANNEL below Sharp Avenue, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	+	0	+	2.4	0	0	0	0	0	0	0
2	0	0	0	0	+	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	+	0	0	0	0	0	0
5	0	+	0.2	+	0	0	0	0	0	0	0	0
6	0		+	+	17.5	0	0	0	0	0	0	0
7	0		0.2	+	+	0	0	0	0	0	0	0
8	0		+	0	0	0	0	0	0	0	0	0
9	0		19.1	+	0	0	0	0.4	0	0	0	0
10	0		1.3	0	0	0	0	0.3	0	0	0	0
11	0		0.3	0	0	0	0	+	0	0	0	0
12	0		1.6	0	0	0	0	0	0	0	0	0
13	0	+	0	0	0	+	0	0	0	0	0	0
14	0	11.2	0.5	0	0	0	0	0	0	0	0	0
15	0	17.6	0	0	0	0	0	+	0	0	0	0
16	0	44	0	0	0	0	0	0	0	0	0	0
17	0	61	0	0	0	0	0	0	0	0	0	0
18	0	4.3	0	0	0	0	0	0	0	0	0	0.5
19	0	0.4	0	0	0	0	0	0	0	0	0	1.4
20	0	0.3	0	0	0	+	0	0	0	0	0	0
21	0	0.3	0	+	0	0	0	0	0	0	0	0
22	+	105	0	0	0	0	0	0	0	0	0	0
23	0	3.9	0	0	0	0	0	0	0	0	0	0
24	+	57	0	0	0	2.3	0	0	0	0	0	0
25	0	5.8	0	0	0	0.1	0	0	0	0	0	0
26	0	0	0	0	+	0	0	0	0	0	0	0
27	0	0	0	0	+	0	0	0	0	0	0	0
28	0	0	0.1	0	0	0	0	0	0	0	0	0
29	0	0	110	0.2		0	0	0	0	0	0	1.5
30	0	0	0.6	24		0	0	0	0	0	0	+
31	0		+	+		0		0		0	0	
	+	310.8	133.9	24.2	19.9	2.4	0	0.7	0	0	0	3.4
MEAN	+	10.4	4.32	0.78	0.71	0.08	0	0.02	0	0	0	0.11
ACRE-FEET	+	616.	266.	48.	39.	4.8	0	1.4	0	0	0	6.2

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 1.36
ACRE-FEET 982.

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F342-R

Daily discharge, in second-feet of BRANFORD STREET CHANNEL below Sharp Avenue, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	11.5	0	0.3	0	0	3.5
2	0	0	10.8	0	0	+	1.1	0	0.2	0	0	4.6
3	0	0	36	0	0	0	0	0	0	0	0	0
4	0	0	0.8	0	0	0	1.6	0	0	0	0	0
5	0	0	32	0	0	0	0	0	0	0	0	0
6	0	1.1	23	0	0	0	0	0	0	0	0	0
7	0	79	0	0	0	0	2.2	0	+	0	0	0
8	0	+	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1.0	0	0	0	0
10	0	0	0	0	0	0	+	+	0	0	0	0
11	0	0	+	0	0	3.7	23	0	0	0	0	0
12	0	0	0	0	0	42	0	0	0	0	0	0
13	0	0	0	0	0	9.6	0	0	0	0	0	0
14	0	0	0	0	0	2.9	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0.2	0	0	0	0
18	0	0	0	0	0	0	10.4	0.3	0	0	0	0
19	0	0	0	0	0	0	0.7	0.2	0	0	0	0
20	0	5.4	0	0	0	0	+	0	0	0	0	0
21	0	0	0	0	0	0	1.9	0	0	0	0	0
22	0	0	0	66	0	0	4.0	0	0	0	0	0
23	0	0	0	+	0	0	0.1	0	0	0	0	0
24	0	0	0	20	0	0	5.9	0	0	0	0	0
25	0	0	0	0.3	0.7	0	0.1	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	5.4	+	0	0	0	1.5
29	0	0	0	0		0	0.2	0.2	0	0	0	1.5
30	0	0	0	1.9		0	0	0.2	0	0	0	0
31	0		0			16.1		0.3		0	0	
	0	85.5	102.6	88.2	0.7	74.3	68.1	2.4	0.5	0	0	16.1
MEAN	0	2.85	3.31	2.85	0.02	2.40	2.27	0.08	0.02	0	0	0.54
ACRE-FEET	0	170.	204.	175.	1.4	147.	135.	4.8	1.0	0	0	32.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 1.20
ACRE-FEET 870.

STATION F2B-R

BROWNS CREEK At Variel Avenue

LOCATION: LAT. 34° 15' 58", LONG. 118° 35' 31", ON LEFT (SOUTHEAST) BANK ABOUT 100 FEET ABOVE VARIEL AVENUE AND ONE MILE NORTHEAST OF CHATSWORTH. ELEVATION OF ZERO GAGE HEIGHT 1,020.20.

DRAINAGE AREA: 13.5 SQUARE MILES

CHANNEL AND CONTROL: CHANNEL - SAND AND GRAVEL WITH PIPE AND WIRE SIDES. CONTROL - CONCRETE STABILIZER, 10 FEET BELOW STATION.

DISCHARGE MEASUREMENTS: ALL FLOWS BY WADING.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: STATION F2-R DECEMBER 11, 1928 TO AUGUST 27, 1932 AND OCTOBER 2, 1935 TO OCTOBER 31, 1939, AT F2B-R OCTOBER 12, 1961 TO SEPTEMBER 30, 1967 OCCASIONAL MEASUREMENTS DURING OTHER PERIODS.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,020 SECOND-FEET NOVEMBER 17
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 379 SECOND-FEET
MINIMUM: NO FLOW AT VARIOUS TIMES.

1928-67
MAXIMUM: 2,020 SECOND-FEET NOVEMBER 17, 1965
MINIMUM: NO FLOW MOST OF EACH YEAR.

ACCURACY: FAIR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F2B-R

Daily discharge, in second-feet of BROWNS CREEK at Variel Avenue, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0.4	9.5	0.9	d 0.4	0	0	0	0	0	0
2	0	0	0.2	5.7	b 0.9	0.4	0	0	0	0	0	0
3	0	0	0.2	3.8	1.0	0.4	0	0	0	0	0	0
4	0	0	0.2	3.1	0.7	0.4	0	0	0	0	0	0
5	0	0	0.1	1.8	0.6	0.3	0	0	0	0	0	0
6	0	0	0.1	1.7	7.4	0.3	0	0	0	0	0	0
7	0	0	0.1	1.4	1.8	0.2	0	0	0	0	0	0
8	0	0	0.1	1.4	1.2	0.2	0	0	0	0	0	0
9	0	0	0.1	2.5	0.9	0.2	0	0	0	0	0	0
10	0	0	0.1	1.8	0.9	0.2	0	0	0	0	0	0
11	0	0	+	1.8	d 0.8	0.2	0	0	0	0	0	0
12	0	0	0.2	1.8	0.8	0.2	0	0	0	0	0	0
13	0	0	0.2	1.8	0.7	0.2	0	0	0	0	0	0
14	0	0	0.4	1.8	0.7	0.2	0	0	0	0	0	0
15	0	0	0.2	1.7	0.6	0.1	0	0	0	0	0	0
16	0	15	0.1	b 1.6	0.6	0.1	0	0	0	0	0	0
17	0	202	+	1.3	0.6	0.1	0	0	0	0	0	0
18	0	13	0	1.0	0.5	0.1	0	0	0	0	0	0
19	0	1.8	0	b 0.7	0.5	0.1	0	0	0	0	0	0
20	0	0.4	0	0.4	0.5	+	0	0	0	0	0	0
21	0	0.2	+	0.2	0.4	0.1	0	0	0	0	0	0
22	0	63	+	0.2	0.4	0.1	0	0	0	0	0	0
23	0	24	0	b 0.3	0.4	d 0.1	0	0	0	0	0	0
24	0	55	+	b 0.4	0.4	+	0	0	0	0	0	0
25	0	17	|	b 0.5	0.4	|	0	0	0	0	0	0
26	0	5.1	|	0.6	0.4	+	0	0	0	0	0	0
27	0	2.5	|	0.4	0.4	0	0	0	0	0	0	0
28	0	1.2	+	0.4	d 0.4	0	0	0	0	0	0	0
29	0	0.9	313	0.2		0	0	0	0	0	0	0
30	0	0.9	36	6.3		0	0	0	0	0	0	0
31	0		17	1.5		0		0		0	0	
	0	402.0	368.7	57.6	25.8	4.7	0	0	0	0	0	0
MEAN	0	13.4	11.9	1.86	0.92	0.15	0	0	0	0	0	0
ACRE-FEET	0	797.	731.	114.	51.	9.3	0	0	0	0	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 2.35
ACRE-FEET 1,700.

76D74M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F2B-R

Daily discharge, in second-feet of BROWNS CREEK AT Variel Avenue, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	+	v 2.3	d 0.2	0.9	d 0.8	d 0.2	0	0	0
2	0	0	+	+	v 1.6	0.2	f 0.9	0.7	0.2	0	0	0
3	0	0	12	0	1.0	0.2	0.2	0.6	0.2	0	0	0
4	0	0	2.4	+	v 1.0	0.2	0.9	0.5	0.2	0	0	0
5	0	0	49	0.1	1.0	0.2	0.7	0.5	0.2	0	0	0
6	0	0	110	+	1.0	0.3	f 0.4	0.5	0.2	0	0	0
7	0	58	24	+	0.9	0.3	2.2	0.6	0.2	0	0	0
8	0	0	7.0	+	0.9	0.3	v 0.6	0.6	0.2	0	0	0
9	0	0	3.8	0	v 0.9	0.3	v 0.5	0.7	0.1	0	0	0
10	0	0	1.7	0	d 0.9	d 0.3	v 0.4	0.7	0.1	0	0	0
11	0	0	1.2	0	0.8	0.6	5.0	0.6	0.1	0	0	0
12	0	0	0.7	0	0.7	3.3	1.4	0.6	0.1	0	0	0
13	0	0	0.7	0	0.6	3.3	0.2	0.5	0.1	0	0	0
14	0	0	0.7	0	0.5	v 1.1	0.2	0.4	0.1	0	0	0
15	0	0	0.4	0	0.4	0.9	0.6	0.3	0.1	0	0	0
16	0	0	0.4	0	0.4	d 0.6	f 0.7	0.2	0.1	0	0	0
17	0	0	0.4	0	0.4	0.6	0.4	0.1	d 0.1	0	0	0
18	0	0	0.2	0	0.4	0.6	4.0	0.1	+	0	0	0
19	0	0	0.2	+	0.4	0.5	3.1	0.1	+	0	0	0
20	0	a 3.0	0.2	a 0.1	0.3	0.5	1.7	0.1	+	0	0	0
21	0	0	0.2	a 0.1	0.3	0.4	1.7	0.1	0	0	0	0
22	0	0	0.1	a 35	0.3	0.4	3.1	0.1	0	0	0	0
23	0	0	+	5.1	0.3	0.4	1.4	0.1	0	0	0	0
24	0	0		45	0.3	0.4	1.8	0.1	0	0	0	0
25	0	0		14	0.3	0.4	1.4	0.1	0	0	0	0
26	0	0		6.4	0.3	0.4	0.9	0.1	0	0	0	0
27	0	0		v 5.7	0.2	0.4	0.9	0.1	0	0	0	0
28	0	0	+	5.0	d 0.2	0.4	1.0	0.1	0	0	0	0
29	0	0	0.1	4.3		0.4	1.2	0.2	0	0	0	0
30	0	0	0.1	3.6		d 0.4	d 1.0	0.2	0	0	0	0
31	0			v 2.9		1.3		d 0.2		0	0	
	0	61	215.5	127.3	18.6	19.8	39.4	10.6	2.5	0	0	0
MEAN	0	2.03	6.95	4.11	0.66	0.64	1.31	0.34	0.08	0	0	0
ACRE-FEET	0	121.	427.	252.	37.	39.	78.	21.	5.0	0	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 1.36
ACRE-FEET 980.

STATION F108-R

CASTAIC CREEK at Highway 126

LOCATION: LAT. 34°25'42", LONG. 118°37'39", ON THE DOWNSTREAM SIDE OF HIGHWAY BRIDGE, 1.5 MILES WEST OF JUNCTION OF HIGHWAY 126 AND HIGHWAY 99, ABOUT 6 MILES NORTHWEST OF SAUGUS. ELEVATION OF ZERO GAGE HEIGHT 952.05 FEET.

DRAINAGE AREA: 202.5 SQUARE MILES.

CHANNEL AND CONTROL.: CHANNEL - SAND AND GRAVEL.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM HIGHWAY BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - NONE.

RECORDS AVAILABLE: DECEMBER 27, 1945 TO SEPTEMBER 30, 1967. SOME MEASUREMENTS DURING EARLIER YEARS.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 9,900. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW MOST OF YEAR.

1966-67
MAXIMUM: 4,250. SECOND-FEET JANUARY 24.
MINIMUM: NO FLOW PART OF OCTOBER.

1949-67
MAXIMUM: 9,900. SECOND-FEET DECEMBER 29, 1965.
MINIMUM: NO FLOW PART OF EACH YEAR.

ACCURACY: POOR

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

FeD74M C5b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F108-R

Daily discharge, in second-feet of CASTAIC CREEK at Highway 126, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	b 130	b 23	b 9.9	b 3.2	0.8	1.5	0.7	a 0.6	a 0.1
2	0	0	0	87	20	9.4	2.3	1.7	1.4	a 0.4	a 0.2	b 0.2
3	0	0	0	62	17	9.3	2.3	1.6	1.4	a 0.2	+	+
4	0	0	0	52	14	9.2	3.1	1.2	1.2	+	0	0
5	0	0	0	43	b 13	8.1	3.1	1.2	0.5	+	0	0
6	0	0	0	34	80	7.9	3.1	1.6	1.2	b 0.2	a 0.1	0
7	0	0	0	32	49	8.6	3.1	1.3	1.5	b 0.4	+	0
8	0	0	0	30	27	8.4	3.1	0.6	1.9	b 0.2	0	0
9	0	0	0	28	b 26	8.2	2.2	1.0	1.6	0	0	b 0.1
10	0	0	0	26	25	7.9	2.2	1.5	b 0.9	0	0	+
11	0	0	0	24	24	7.6	3.1	2.0	0.7	+	0	0
12	0	0	0	23	22	6.5	3.1	1.7	0	b 0.5	0	0
13	0	0	0	22	22	6.2	3.1	1.6	0.9	0.7	a 0.1	+
14	0	0	0	22	22	6.9	3.1	1.6	0.6	0.5	+	0
15	0	0	0	21	21	6.6	3.1	1.0	0.6	b 0.7	0	+
16	0	0	0	21	21	6.3	2.2	1.2	0.8	+	0	0
17	0	125	0	20	19	6.0	2.2	1.3	b 0.4	0	0	b 0.1
18	0	45	0	20	18	5.6	3.2	1.2	0	b 0.2	0	0
19	0	0	0	19	16	4.3	3.2	1.2	0	0.8	0	0
20	0	0	0	19	15	3.9	3.2	1.4	0	0.9	a 0.1	0
21	0	0	0	18	15	4.4	3.2	1.4	0	1.0	+	0
22	0	217	0	17	14	4.1	3.2	1.0	0	1.0	0	0
23	0	259	0	16	13	3.8	3.1	1.4	0	b 0.6	0	0
24	0	1,070	0	15	12	3.7	2.2	1.5	b 0.1	0	0	a 0.1
25	0	172	0	14	12	3.6	2.6	1.5	0	b 0.2	0	+
26	0	1.5	0	13	10	2.6	3.0	1.7	0	1.4	0	0
27	0	0	0	13	10	2.5	2.9	1.8	0	1.6	a 0.1	0
28	0	0	0	12	b 10	2.4	b 2.8	1.2	b 0.6	b 1.4	0	0
29	0	0	2,350	b 11		2.4	1.6	0.9	b 0.7	a 1.2	0	0
30	0	0	485	40		2.4	2.1	0.8	+	a 1.0	0	0
31	0		181	24		b 3.2		1.3		a 0.8	0	
	0		3,016		589		83.9		18.5		1.2	
		1,889.5		928		181.9		41.3		16.6		0.6
MEAN	0	62.3	97.3	29.9	21.0	5.87	2.79	1.33	0.62	0.54	0.04	0.02
ACRE-FEET	0	3,760.	5,980.	1,840.	1,170.	361.	166.	82.	37.	33.	2.4	1.2

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 18.5
ACRE-FEET 13,420.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F108-R

Daily discharge, in second-feet of CASTAIC CREEK at Highway 126, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0		0.6	3.6	44	15	72	149	a 30	3.8	3.4	b 0.2
2	0	0.2	0.7	3.5	38	15	87	140	36	10	3.4	0.2
3	0	0.2	119	3.7	29	15	76	130	33	12	5.4	0.2
4	0	0.4	2.7	3.7	27	15	90	102	31	11	6.6	0.2
5	0	0.1	82	3.1	25	14	93	100	25	11	7.0	2.0
6	0	0.2	492	2.0	22	13	72	94	23	14	7.6	b 0.2
7	0	118	b 119	+	23	14	79	87	33	10	5.8	2.2
8	0	4.2	b 30	0	21	14	76	81	34	10	5.4	2.5
9	0	0	11	1.4	21	14	64	79	31	10	4.9	2.0
10	0	0	5.4	3.4	21	13	58	75	39	9.4	2.7	1.5
11	0	0.4	5.4	3.4	19	17	159	79	36	8.8	3.4	2.5
12	0	0.1	2.2	3.9	19	123	113	75	29	8.2	3.4	2.2
13	0	0	b 2.2	3.9	20	284	106	70	34	6.2	3.4	2.2
14	0	0	b 2.2	1.6	20	119	90	61	29	6.2	3.8	2.5
15	0	0	2.2	0	20	76	74	54	29	6.6	4.2	2.5
16	0	0	2.2	2.4	19	74	56	49	31	5.9	3.5	1.8
17	0	0	2.1	4.0	18	64	40	47	27	3.6	4.2	2.2
18	0	0.9	2.0	4.0	18	58	160	44	26	b 1.7	2.5	2.8
19	0	0	2.0	3.8	18	51	191	44	21	1.7	2.5	2.5
20	0	0	2.3	4.0	15	45	149	43	21	2.0	3.8	2.5
21		0	2.5	3.6	13	44	354	39	20	1.0	4.6	3.8
22		0	2.4	403	15	40	994	33	17	0	3.0	3.8
23		0	2.5	21	16	40	546	32	15	0	2.0	2.2
24	0	0	2.6	829	15	35	410	29	15	1.2	2.8	3.8
25	0.3	0	2.7	419	22	33	265	a 30	16	4.2	1.7	6.6
26	0.9	0	2.9	175	19	31	229	30	12	2.5	1.5	6.2
27	1.0	0	3.1	113	15	31	200	30	12	3.4	2.8	3.4
28	1.6	0	3.9	81	14	29	181	30	13	4.6	2.0	4.6
29	0.9	0	4.3	62		29	162	30	12	5.4	b 0.2	5.0
30	0.4	0.6	4.3	51		29	162	30	10	3.0	b 0.2	4.2
31			3.6	45		58		a 30		2.5	b 0.2	
	5.1	125.3	922.0	2258.0	588.0	1452	5408.0	1946.0	740.0	184.9	107.9	78.5
MEAN	0.16	4.18	29.8	72.8	21.0	46.8	180.	62.8	24.7	5.96	3.48	2.61
ACRE-FEET	10.	249.	1,830.	4,480.	1,170.	2,880.	10,730.	3,860.	1,470.	367.	214.	156.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 37.8
ACRE-FEET 27,420.

STATION F302-R

COMPTON CREEK at 120th Street

LOCATION: LAT. 33°55'26", LONG. 118°15'03", ON THE RIGHT (WEST) BANK, 192 FEET ABOVE 120TH STREET, WILLOWBROOK. ELEVATION OF ZERO GAGE HEIGHT 78.64.

DRAINAGE AREA: 14.5 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 48 FEET WIDE BY 10 FEET. CONTROL - FORMED BY CHANNEL

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM 120TH STREET BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: JANUARY 29, 1951 TO SEPTEMBER 20, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,170 SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW NOVEMBER 1.

1966-67
MAXIMUM: 3,730 SECOND-FEET NOVEMBER 7.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1951-67
MAXIMUM: 3,730. SECOND-FEET NOVEMBER 7,1966.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD FOR HIGH FLOW; POOR FOR LOW FLOW.

OPERATION: LOCATED AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F302-R

Daily discharge, in second-feet of COMPTON CREEK at 120th Street for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	b 0.1	b 0	b 0.1	b 0.9	13.8	b 0.2	b 0.9	b 0.1	e 0.1	e 0.2	e 0.2	e 0.4
2	0.1	0.1	0.1	0.4	e 5.0	1.1	0.4	0.1	0.1	0.2	0.2	0.4
3	0.1	0.1	0.2	0.4	e 0.4	0.1	0.2	0.2	0.1	0.2	0.2	0.4
4	0.1	0.2	0.1	0.6	e 0.2	0.2	0.4	0.2	0.1	0.1	0.2	0.1
5	0.1	0.1	0.1	0.6	b 0.2	0.4	0.4	0.1	0.1	0.1	0.2	0.1
6	0.1	0.1	+	0.5	126	0.1	0.4	0.1	0.1	0.4	0.2	0.1
7	0.4	+	0.1	0.9	b 1.9	0.4	0.4	0.2	0.1	0.6	0.2	0.4
8	0.4	0.1	b 0.2	1.1	0.9	0.4	0.9	b 0.1	0.1	0.4	0.2	0.4
9	0.1	0.4	121	0.4	0.9	0.4	0.4	14.3	0.4	0.2	0.4	0.2
10	+	0.2	b 59	0.4	0.4	0.4	0.2	b 0.6	0.1	0.2	0.4	0.1
11	0.1	0.1	0.9	0.5	0.2	0.4	0.2	0.2	0.1	0.1	0.4	0.1
12	0.4	0.2	33	0.4	0.4	0.4	0.4	0.2	0.1	0.2	0.1	0.1
13	0.4	b 0.1	5.2	0.2	0.4	0.4	0.6	0.2	0.1	0.2	0.1	0.1
14	0.2	88	20	0.4	0.4	0.6	0.5	0.1	0.2	0.2	0.1	0.2
15	0.2	102	b 1.4	0.2	0.4	0.4	0.4	0.1	0.2	0.2	0.1	0.4
16	+	159	2.6	0.1	0.4	0.4	0.6	0.2	1.1	0.1	0.4	0.2
17	0.1	107	0.4	0.1	0.4	0.4	0.4	0.2	0.2	0.1	0.4	0.2
18	0.1	38	0.4	0.2	0.4	0.4	0.4	0.2	0.1	0.1	0.4	14.3
19	+	b 1.1	0.4	5.4	0.4	0.4	0.4	0.4	0.1	0.4	0.6	1.1
20	+	b 0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.1	0.4	0.2	0.1
21	0.1	b 0.4	0.6	0.4	0.4	0.2	0.5	0.4	0.2	0.4	0.1	0.1
22	0.4	388	1.1	0.1	0.2	0.4	0.4	0.1	0.2	0.2	0.1	0.2
23	0.4	17.9	0.9	0.1	0.2	b 0.4	0.4	0.1	0.2	0.1	0.4	0.6
24	0.1	66	0.6	0.1	0.4	3.6	0.2	0.1	0.2	0.1	0.4	0.4
25	0.1	29	0.6	0.2	0.4	25	0.2	0.1	0.4	0.2	0.9	0.1
26	0.1	b 0.6	0.4	0.2	0.2	b 0.5	0.4	b 0.1	0.1	0.6	0.6	0.1
27	0.2	0.2	0.4	0.2	0.2	0.4	0.4	e 0.1	0.1	0.4	0.4	0.2
28	0.4	0.1	b 0.9	0.2	b 0.2	0.4	0.4	0.1	0.2	0.4	0.4	0.2
29	0.4	0.1	508	b 0.1		0.4	0.2	0.1	0.1	0.4	0.4	0.9
30	0.4	b 0.2	2.2	112		0.4	b 0.4	+	e 0.2	0.4	0.4	e 0.9
31	b 0.1		12.1	b 1.4		b 0.5		e +		e 0.2	e 0.4	
	5.7	1039.7	773.4	130.3	160.6	45.1	12.6	19.4	5.5	8.0	9.7	23.1
MEAN	0.18	34.6	24.9	4.20	5.74	1.45	0.42	0.63	0.18	0.26	0.31	0.77
ACRE-FEET	11.	2,060.	1,530.	258.	319.	89.	25.	38.	11.	16.	19.	46.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 6.12
ACRE-FEET 4,430.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F302-R

Daily discharge, in second-feet of COMPTON CREEK at 120th Street for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	e 0.4	b 0.2	b 0.1	b 0.1	b 0.4	b 0.1	61	b 0.4	b 0.1	b 0.4	b 0.6	b 0.9
2	0.2	0.2	56	0.1	0.4	0.1	b 3.0	0.6	0.4	0.1	0.9	0.9
3	0.2	0.2	207	0.1	0.4	b 0.1	0.2	0.6	0.1	0.1	0.1	0.1
4	0.4	0.2	6.7	0.4	0.4	4.2	0.2	0.6		0.2	0.4	0
5	0.4	0.1	285	0.6	0.4	b 0.1	0.4	0.4		0.1	0.6	+
6	0.4	b +	91	0.6	0.4	+	b 0.2	0.2	0.1	0.1	0.2	+
7	0.2	472	b 2.0	0.2	0.4	0.1	5.9	0.2	+	0.1	0.1	0.1
8	0.1	b 2.6	0.2	0.1	0.4	+	b 0.2	0.2	0.1	0.1	0.4	0.1
9	+	0.2	0.4	0.1	0.2	+	0.1	0.6	0.1	0.1	0.9	0.2
10	0.2	0.1	0.1	0.4	0.4	b 0.1	b 0.1	0.4	0.1	+	0.4	0.4
11	0.2	0.1	0.1	0.4	0.2	25	56	0.2	0.1	0.1	0.2	0.2
12	0.1	0	0.1	0.1	0.1	59	b 0.2	0.2	0.1	0.1	0.4	0.4
13	0.1	0	0.4	0.2	0.2	39	0.4	0.2	0.9	0.1	0.2	0.6
14	0.1	+	0.4	0.1	0.4	10.0	0.2	0.2	0.4	0.2	0.2	0.6
15	0.1	+	0.4	+	0.1	b 0.2	0.1	0.2	0.4	0.1	0.4	0.4
16	+	+	0.2	0.1	0.1	0.1	0.2	0.4	0.6	0.1	0.4	0.2
17	0.1	0.1	0.2	0.1	0.4	0.1	b 0.1	0.4	0.4	0.1	0.1	0.2
18	0.4	0.2	0.4	0.2	0.4	0.1	39	0.4	0.1	0.1	0.2	0.2
19	e 0.1	b 0.1	0.4	0.2	0.4	+	27	0.4	0.1	0.1	0.4	0.4
20	b 0.1	17.9	0.4	0.2	0.1	+	b 1.5	0.2	0.1	0.4	0.1	0.2
21	0.1	b 2.2	1.1	b 0.2	0.1	0.1	92	0.1	0.1	0.4	0.1	0.2
22	0.1	0.1	0.9	485	0.1	0.1	49	0.1	0.1	0.2	0.4	0.1
23	0.1	0.1	0.6	10.3	0.1	0.1	b 0.5	0.4	0.2	0.1	0.4	0.2
24	+	+	0.4	199	b 0.4	0.1	28	0.4	0.1	+	0.4	0.1
25	0.1	0	0.4	4.7	4.1	0.1	b 0.6	0.2	0.1	0.2	0.4	0.1
26	0.2	0	0.1	b 0.9	b 0.1	0.1	0.4	0.1	0.2	0.2	0.4	0.4
27	0.1	0	0.1	0.9	+	0.1	b 0.4	0.2	0.4	0.6	0.4	b 0.2
28	0.1	0	0.4	0.6	b 0.1	0.4	4.1	0.2	0.4	0.9	0.4	56
29	0.1	0.1	0.1	b 0.4		0.1	b 1.8	0.2	0.4	0.4	0.4	5.8
30	0.1	b 0.1	0.2	17.6	+	b 0.2	b 0.4	0.1	b 0.4	0.1	0.2	b 0.4
31	b 0.2		b 0.2	5.0		59		b 0.1		b 0.4	b 0.4	
	5.0	496.8	656	729.9	11.2	198.7	372.3	9.1	5.6	6.2	11.1	70.6
MEAN	0.16	16.6	21.2	23.5	0.40	6.41	12.4	0.29	0.22	0.20	0.36	2.35
ACRE-FEET	9.9	985.	1,300.	1,450.	22.	394.	738.	18.	13.	12.	22.	140.

Remarks:

YEAR OR PERIOD MEAN 7.05
ACRE-FEET 5,100.

STATION F37B–R

COMPTON CREEK near Greenleaf Boulevard

LOCATION: LAT. 33°52' 53", LONG. 118° 13' 24", ON THE LEFT (EAST) BANK, 120 FEET ABOVE GREENLEAF BOULEVARD AND ABOUT 1.5 MILES SOUTHWEST OF COMPTON. ELEVATION OF ZERO GAGE HEIGHT 50.14

DRAINAGE AREA: 23.3 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL- RECTANGULAR CONCRETE, 60 FEET WIDE BY 13 FEET, WITH 1.0 FOOT FILLETS.
CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM HIGHWAY BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: AT STATION F37–R JANUARY 22, 1928 TO JUNE 9,1938, AT STATION F37B–R OCTOBER 3, 1938 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 3,250 SECOND-FEET DECEMBER 29.
MINIMUM: PLUS FLOW NOVEMBER 1.

1966–67
MAXIMUM: 4,650 SECOND-FEET NOVEMBER 7.
MINIMUM: PLUS FLOW ON SEVERAL DAYS.

1928–67
MAXIMUM: NOT DETERMINED MARCH 2, 1938 (OVERFLOWED BANKS)
MAXIMUM: 4,910 SECOND-FEET JANUARY 25,1956
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD

OPERATION: LOCATED AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES CORPS OF ENGINEERS.

74D74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F37B-R

Daily discharge, in second-feet of COMPTON CREEK near Greenleaf Boulevard, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.3	+	0.4	1.6	32	0.6	1.6	0.4	0.4	0.6	0.6	0.8
2	0.3	0.3	0.4	0.8	9.5	1.9	0.9	0.4	0.4	0.6	0.6	0.8
3	0.3	0.4	0.6	0.9	0.9	0.4	0.6	0.6	0.3	0.6	0.6	0.8
4	0.3	0.6	0.4	1.2	0.6	0.6	0.8	0.6	0.3	0.4	0.6	0.3
5	0.4	0.3	0.3	1.2	0.6	0.8	0.9	0.4	0.3	0.4	0.6	0.3
6	0.4	0.3	0.2	1.2	242	0.4	0.8	0.4	0.4	0.8	0.6	0.4
7	0.8	0.2	0.3	1.6	2.9	0.8	0.9	0.6	0.4	1.2	0.6	0.8
8	0.9	0.3	0.6	1.9	1.6	0.9	1.6	0.4	0.4	0.8	0.6	0.9
9	0.4	0.9	204	0.9	1.6	0.9	0.8	23	0.8	0.6	0.8	0.6
10	0.2	0.6	114	0.9	0.8	0.9	0.6	1.2	0.4	0.6	0.8	0.4
11	0.4	0.4	1.6	1.2	0.6	0.9	0.6	0.6	0.4	0.4	0.8	0.4
12	0.9	0.6	62	0.8	0.8	0.8	0.9	0.6	0.4	0.6	0.4	0.4
13	0.9	0.4	10.9	0.6	0.8	0.9	1.2	0.6	0.3	0.6	0.4	0.4
14	0.6	152	41	0.8	0.9	1.2	1.2	0.4	0.6	0.6	0.3	0.6
15	0.6	163	2.3	0.6	0.8	0.9	0.9	0.4	0.6	0.6	0.3	0.8
16	0.2	351	4.0	0.4	0.8	0.9	1.2	0.6	1.9	0.4	0.9	0.6
17	0.3	217	0.9	0.3	0.8	0.8	0.8	0.6	0.6	0.4	0.9	0.6
18	0.3	85	0.9	0.6	0.9	0.8	0.9	0.6	0.3	0.4	0.9	23
19	0.2	1.9	0.8	7.2	0.9	0.8	0.9	0.8	0.4	0.8	1.2	1.9
20	0.2	0.9	0.9	0.8	0.8	0.6	0.9	0.8	0.4	0.8	0.6	0.4
21	0.3	0.8	1.2	0.8	0.9	0.6	1.2	0.9	0.6	0.8	0.4	0.3
22	0.8	611	1.9	0.4	0.6	0.8	0.9	0.3	0.6	0.6	0.4	0.6
23	0.8	44	1.6	0.3	0.6	0.9	0.8	0.4	0.6	0.4	0.8	1.2
24	0.3	137	1.2	0.4	0.8	14.3	0.6	0.4	0.6	0.4	0.8	0.9
25	0.3	58	1.2	0.6	0.8	52	0.6	0.4	0.8	0.6	1.6	0.4
26	0.3	1.2	0.9	0.6	0.6	1.2	0.8	0.4	0.4	1.2	1.2	0.4
27	0.6	0.6	0.9	0.6	0.6	0.8	0.8	0.4	0.4	0.9	0.9	0.6
28	0.8	0.3	1.6	0.6	0.6	0.8	0.8	0.4	0.6	0.9	0.8	0.6
29	0.8	0.3	809	0.4		0.9	0.6	0.3	0.4	0.9	0.9	1.6
30	0.8	0.6	5.6	193		0.9	0.8	0.2	0.6	0.8	0.9	1.6
31	0.3		25	2.3		1.2		0.2		0.6	0.8	
	15.0	1,829.9	1,296.6	225.5	306.1	91.2	26.9	38.2	15.6	20.3	22.6	43.4
MEAN	0.48	61.0	41.8	7.27	10.9	2.94	0.90	1.23	0.52	0.65	0.73	1.45
ACRE-FEET	30.	3,630.	2,570.	447.	607.	181.	53.	76.	31.	40.	45.	86.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 10.8
ACRE-FEET 7,800.

76D74M Glb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F37B-R

Daily discharge, in second-feet of COMPTON CREEK near Greenleaf Boulevard, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.9	0.6	0.4	0.4	0.9	0.4	100	0.8	0.4	0.8	1.2	1.6
2	0.6	0.6	81	0.4	0.9	0.4	6.7	1.2	0.8	0.4	1.6	1.6
3	0.6	0.6	387	0.4	0.9	0.3	0.6	1.2	0.3	0.4	0.4	0.3
4	0.3	0.6	5.5	0.9	0.8	3.9	0.6	1.2	0.2	0.6	0.8	+
5	0.8	0.4	479	1.2	0.8	0.3	0.8	0.9	0.2	0.3	1.2	0.2
6	0.8	0.2	145	1.2	0.8	0.2	0.6	0.6	0.3	0.4	0.6	0.2
7	0.6	765	3.2	0.6	0.8	0.3	10.7	0.6	0.2	0.4	0.3	0.4
8	0.3	4.0	0.6	0.4	0.8	0.2	0.6	0.6	0.3	0.4	0.8	0.3
9	0.2	0.6	0.8	0.4	0.6	0.2	0.3	1.2	0.3	0.4	1.6	0.6
10	0.6	0.4	0.4	0.8	0.8	0.3	0.4	0.9	0.3	0.2	0.8	0.8
11	0.6	0.3	0.4	0.8	0.6	34	103	0.6	0.3	0.4	0.6	0.6
12	0.4	+	0.4	0.4	0.4	60	0.6	0.6	0.3	0.4	0.8	0.9
13	0.4	+	0.9	0.6	0.6	78	0.8	0.6	1.6	0.4	0.6	1.2
14	0.4	0.2	0.8	0.4	0.8	16.6	0.6	0.6	0.9	0.6	0.6	1.2
15	0.3	0.2	0.8	0.2	0.4	0.6	0.4	0.6	0.8	0.4	0.8	0.9
16	0.2	0.2	0.6	0.4	0.4	0.3	0.6	0.8	1.2	0.4	0.8	0.6
17	0.3	0.4	0.6	0.4	0.8	0.4	0.4	0.8	0.8	0.3	0.4	0.6
18	0.8	0.6	0.8	0.6	0.8	0.4	79	0.9	0.4	0.4	0.6	0.6
19	0.4	0.3	0.9	0.6	0.9	0.2	58	0.8	0.4	0.4	0.8	0.8
20	0.4	25	0.9	0.6	0.4	0.2	2.4	0.6	0.4	0.8	0.4	0.6
21	0.4	3.5	1.9	0.6	0.4	0.4	155	0.3	0.4	0.8	0.3	0.6
22	0.4	0.3	1.6	743	0.4	0.3	89	0.3	0.4	0.6	0.9	0.4
23	0.3	0.3	1.2	26	0.4	0.4	1.2	0.8	0.6	0.3	0.8	0.6
24	0.2	0.2	0.8	329	0.8	0.3	48	0.8	0.4	0.2	0.8	0.3
25	0.4	+	0.8	10.3	4.6	0.4	1.2	0.6	0.4	0.6	0.9	0.3
26	0.6		0.4	1.6	0.3	0.3	0.9	0.4	0.6	0.6	0.8	0.9
27	0.4		0.3	1.6	0.2	0.3	0.8	0.6	0.9	1.2	0.8	0.6
28	0.4		0.9	1.2	0.4	0.8	9.4	0.6	0.8	1.6	0.8	106
29	0.4	0.3	0.4	0.9		0.4	2.9	0.6	0.9	0.8	0.9	17.4
30	0.4	0.4	0.6	25		0.6	0.9	0.4	0.8	0.4	0.6	0.9
31	0.6		0.6	11.4		92		0.4		0.8	0.8	
	14.9	805.2	1119.5	1162.3	21.7	293.4	676.4	21.9	16.6	16.7	24.1	142.0
MEAN	0.48	26.8	36.1	37.5	0.78	9.46	22.5	0.71	0.55	0.54	0.78	4.73
ACRE-FEET	30.	1,600.	2,220.	2310.	43.	582.	1,340.	43.	33.	33.	48.	282.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 11.8
ACRE-FEET 8,560.

STATION F354-R

COYOTE CREEK below Spring Street

LOCATION: LAT. 33°48'38", LONG. 118°04'28", ON THE RIGHT (WEST) BANK 241 FEET BELOW SPRING STREET, ABOUT 7.5 MILES NORTHEAST OF LONG BEACH. ELEVATION OF ZERO GAGE HEIGHT 7.37 FEET.

DRAINAGE AREA: 185 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL CONCRETE, 235 FEET WIDE AT TOP, 150 FEET WIDE AT BOTTOM BY 24 FEET DEEP WITH LOW FLOW CHANNEL NEXT TO THE STATION.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR AT STATION.

RECORDER: A CONTINUOUS RECORDER AND SERVO-MANOMETER WERE IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - PARTIALLY REGULATED BY FULLERTON DAM, BREA DAM, AND CARBON CANYON DAM.

DIVERSION - FLOOD FLOWS OVER 100 CFS FROM A 32 SQUARE-MILE AREA (INCLUDED IN DRAINAGE AREA) ARE DIVERTED TO THE SANTA ANA RIVER.

RECORDS AVAILABLE: AT STATION F41-R, (DEL AMO STREET), STREAM FLOW MEASUREMENTS ONLY, DECEMBER 1, 1928 TO JANUARY 14, 1930 AND RECORDER RECORDS AT STATIONS F41-R, F41B-R AND F41C-R, (DEL AMO STREET), FROM JANUARY 14, 1930 TO FEBRUARY 18, 1956. AT STATION F320-R, (CENTRALIA ROAD), FEBRUARY 9, 1956 TO JULY 2, 1963; AT STATION F354-R, (SPRING STREET), DECEMBER 17, 1963 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 5,020. SECOND-FEET DECEMBER 29.
MINIMUM: 1.2 SECOND-FEET NOVEMBER 8.

1966-67
MAXIMUM: 6,880. SECOND-FEET JANUARY 22.
MINIMUM: 1.4 SECOND-FEET AT VARIOUS TIMES.

1929-67
MAXIMUM: 7,360. SECOND-FEET JANUARY 18, 1952 (STATION F41C-R).
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY AND THE UNITED STATES CORPS OF ENGINEERS. CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS.

FEDTAM Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F354-R

Daily discharge, in second-feet of COYOTE CREEK below Spring Street, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.6	d 1.7	3.4	48	28	3.4	3.0	3.6	3.4	3.2	3.0	2.6
2	1.9	| 1.9	3.4	26	65	12.6	2.8	4.4	2.8	3.4	3.4	2.6
3	2.6	| 1.7	3.4	13.8	3.6	4.4	3.0	5.1	2.6	4.4	3.4	2.6
4	2.6	d 1.7	3.2	11.3	3.6	5.1	2.8	4.4	2.3	3.6	3.4	2.3
5	1.7	1.5	3.2	8.2	3.2	5.1	3.4	5.1	3.0	3.4	3.4	2.3
6	1.9	1.5	3.2	6.7	846	5.1	3.4	3.6	3.4	3.2	3.4	2.3
7	2.3	1.4	3.2	4.4	65	5.1	3.0	3.6	2.8	3.2	3.4	2.8
8	2.3	1.2	3.4	5.1	11.3	5.1	3.6	4.4	2.3	2.8	3.4	2.3
9	2.1	1.5	134	4.4	8.2	5.1	6.7	14.8	3.2	2.8	3.4	1.9
10	2.1	1.5	444	3.6	9.2	5.1	5.9	3.4	3.6	2.8	6.7	2.1
11	2.1	1.5	11.3	3.6	6.7	5.1	5.1	3.0	2.6	2.6	3.2	2.1
12	2.1	1.5	136	5.1	6.7	5.1	4.4	2.1	2.6	2.6	3.0	2.1
13	2.1	1.3	61	5.1	5.1	4.4	3.6	2.6	2.8	2.6	3.0	1.9
14	1.9	157	56	5.1	3.6	3.4	2.8	2.6	2.8	2.3	3.0	2.1
15	1.7	357	47	5.9	3.4	3.4	3.0	2.6	3.0	2.6	2.8	2.1
16	1.5	850	63	3.4	3.4	3.2	3.2	2.3	3.2	3.0	3.0	3.0
17	1.9	772	13.8	3.2	4.4	3.2	3.2	2.8	3.4	3.2	3.0	3.0
18	1.9	247	6.7	3.6	5.1	3.2	3.0	3.0	3.6	3.4	3.2	3.0
19	1.9	9.0	5.1	10.3	5.1	3.2	3.0	3.2	4.4	5.1	3.4	7.4
20	1.9	5.1	3.6	9.0	6.7	3.2	3.0	3.4	3.0	5.1	3.0	9.8
21	2.1	4.4	3.6	5.9	6.7	3.4	2.8	3.2	3.6	4.4	3.0	5.1
22	1.5	1,830	5.1	4.4	5.1	3.6	2.8	3.4	3.2	3.6	2.6	4.4
23	1.5	625	3.4	5.9	5.1	3.6	2.3	3.2	3.0	3.2	2.6	4.4
24	1.5	662	3.2	5.1	4.4	41	2.3	3.4	3.0	3.0	2.6	3.6
25	d 1.5	230	3.0	4.4	5.1	130	2.6	3.4	3.2	3.0	2.3	3.4
26	1.5	38	3.0	3.4	5.1	5.9	2.8	3.4	4.4	2.8	1.7	3.4
27	1.4	7.4	3.2	3.6	5.1	3.2	2.8	4.4	3.0	2.8	1.9	3.2
28	1.4	6.7	3.6	3.4	7.4	3.2	3.0	5.9	3.0	2.8	1.9	3.0
29	1.5	5.1	1,650	11.3		3.0	3.2	5.9	3.6	2.6	1.9	4.4
30	1.7	7.4	208	669		3.6	3.6	3.6	3.2	2.6	2.1	9.8
31	d 2.1		87	32		3.2		3.6		2.8	2.1	
	58.8	5,833.0	2,981.0	939.2	1,136.3	297.2	100.1	123.4	94.0	98.9	92.2	105.0
MEAN	1.90	194.	96.2	30.3	40.6	9.59	3.34	3.98	3.13	3.19	2.97	3.50
ACRE-FEET	117.	11,570.	5,910.	1,860.	2,250.	589.	199.	245.	186.	196.	183.	208.

Remarks:

YEAR OR PERIOD MEAN 32.5
ACRE-FEET 23,500.

FEDTAM Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F354-R

Daily discharge, in second-feet of COYOTE CREEK below Spring Street, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3.0	2.5	2.9	3.8	6.5	3.8	293	2.9	3.3	3.3	4.2	13.9
2	2.8	1.6	25	3.8	4.6	4.6	95	2.0	3.8	3.8	3.3	19.8
3	3.0	2.9	1,620	3.8	3.8	4.6	7.1	2.0	3.8	4.2	4.2	2.0
4	2.3	4.6	54	3.8	3.8	51	11.3	2.5	4.2	4.2	4.6	2.5
5	2.6	4.6	1,620	3.3	3.8	5.0	8.3	4.2	5.0	2.9	4.2	3.8
6	2.5	5.0	789	3.3	4.2	5.0	5.0	7.7	4.6	3.3	4.2	4.6
7	2.0	966	134	2.9	4.2	4.6	33	6.5	4.6	4.2	4.2	2.9
8	2.0	69	40	2.5	4.2	5.0	6.5	5.9	4.2	5.0	4.2	3.3
9	2.0	5.0	15.1	2.0	5.9	5.5	5.9	6.5	4.6	2.5	4.2	3.8
10	2.5	4.2	7.7	1.6	4.6	6.5	4.2	30	3.8	2.9	3.8	4.2
11	4.6	4.2	5.0	2.9	4.6	79	276	3.8	3.3	3.8	2.0	4.2
12	3.3	3.8	4.6	2.5	5.5	83	10.1	2.9	5.9	4.6	1.4	5.5
13	2.9	2.5	4.6	2.5	4.6	177	5.9	2.9	4.6	4.6	2.9	4.6
14	2.0	2.9	3.8	2.9	5.0	81	5.0	2.5	2.5	4.6	2.5	4.6
15	2.0	5.0	4.2	2.9	3.3	10.7	4.6	2.5	2.5	4.6	3.8	3.3
16	2.0	3.8	4.2	2.5	3.3	7.7	3.8	2.9	4.6	4.2	3.0	3.3
17	2.5	6.5	4.6	2.9	2.9	5.5	5.0	3.8	4.2	2.9	4.6	2.9
18	2.9	4.6	3.8	2.9	3.8	9.5	219	3.3	3.3	3.3	5.5	3.8
19	2.9	3.9	4.2	2.9	4.2	4.6	288	2.9	2.9	2.9	5.5	2.5
20	3.8	14.8	4.2	2.9	3.8	4.2	33	3.3	3.3	2.5	4.2	2.5
21	3.0	15.3	4.2	2.9	3.3	3.8	175	3.3	3.3	2.5	2.9	3.3
22	4.2	4.6	3.8	1,110	2.9	3.8	237	5.0	3.3	2.5	3.8	3.3
23	4.6	4.2	4.6	739	4.2	3.3	14.5	2.0	2.9	2.9	3.3	3.3
24	3.3	4.2	4.6	1,840	4.2	4.2	165	1.6	3.8	3.8	2.0	3.3
25	2.5	3.8	4.6	524	4.2	4.6	10.7	5.9	1.6	3.8	2.5	3.3
26	1.6	3.8	4.6	49	3.8	5.9	6.5	9.5	2.0	4.6	2.9	3.8
27	2.5	3.8	4.6	10.7	3.8	7.1	4.2	3.3	3.8	4.2	3.3	4.6
28	2.9	3.3	5.0	9.5	4.2	9.5	19.0	2.9	2.9	4.2	3.8	183
29	2.5	3.3	4.6	8.9		13.5	17.3	4.6	2.5	3.3	3.3	4.6
30	2.5	2.9	4.2	13.6		3.3	3.8	4.6	3.3	3.3	5.9	2.9
31	2.9		4.2	58		262		4.2		3.8	3.8	
	88.1	1,166.5	4,399.9	4,423.2	117.2	878.8	1,972.7	147.9	108.4	113.2	116.0	313.4
MEAN	2.84	38.9	142.	143.	4.19	28.3	65.8	4.77	3.61	3.65	3.74	10.5
ACRE-FEET	175.	2,310.	8,730.	8,770.	232.	1,740.	3,910.	293.	215.	224.	230.	622.

Remarks:

YEAR OR PERIOD MEAN 37.9
ACRE-FEET 27,450.

STATION F265-R

DOMINGUEZ CHANNEL at Carson Street

LOCATION: LAT. 33°49'53", LONG. 118°15'11", ON THE DOWNSTREAM (SOUTH) SIDE OF CARSON STREET BRIDGE, ABOUT 2 MILES WEST OF DOMINGUEZ. ELEVATION OF ZERO GAGE HEIGHT 0.00.

DRAINAGE AREA: 58.7 SQUARE MILES. (54.5, 1956 TO 1964)

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL, PLACED ROCK SIDES, NATURAL BOTTOM.
CONTROL - SEE REMARKS.

DISCHARGE MEASUREMENTS: NONE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: MAY 7, 1964 TO SEPTEMBER 30, 1967. (SEE REMARKS) NOVEMBER 23, 1938 TO MAY 7, 1964. FOR PREVIOUS RECORDS SEE STATION F46-R, NIGGER SLOUGH AT WILMINGTON AVENUE.

EXTREMES OF DISCHARGE:

1965-67
MAXIMUM: FLOWS NO LONGER DETERMINABLE.

1938-64
MAXIMUM: 1,720. SECOND-FEET JANUARY 26 AND 27, 1956.
MINIMUM: NO MEASURABLE FLOW AT VARIOUS TIMES.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: CHANNEL RECONSTRUCTION CREATED A CONDITION WHEREIN THE WATER IS PONDED AT THE STATION AND DISCHARGES ARE INDETERMINABLE. RECORDING GAGE IS TO REMAIN IN SERVICE FOR OBSERVATION OF WATER SURFACE ELEVATION ONLY.

STATION F378-R

DOMINGUEZ CHANNEL at Vermont Avenue

LOCATION: LAT. 33° 52' 17", LONG. 118° 17' 26", ON THE RIGHT (SOUTH) BANK, 93 FEET ABOVE VERMONT AVENUE; ABOUT ONE MILE SOUTHEAST OF GARDENA. ELEVATION OF ZERO GAGE HEIGHT 0.00

DRAINAGE AREA: 37.1 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 75 FEET WIDE BY 18 FEET WITH 21 FEET BY 6 FEET BY 2.5 FEET TRAPEZOIDAL LOW FLOW CHANNEL AT CENTER. CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING, HIGH FLOWS FROM VERMONT AVENUE BRIDGE.

RECORDER: A CONTINUOUS RECORDER AND SERVO-MANOMETER WERE IN SERVICE FROM NOVEMBER 23, 1966 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

EXTREMES OF DISCHARGE:

1966-67
MAXIMUM: 4,550 SECOND-FEET NOVEMBER 7.
MINIMUM: 0.8 SECOND-FEET APRIL 17.

ACCURACY: FAIR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES FLOOD CONTROL DISTRICT.

REMARKS: GAGE IS AFFECTED BY TIDES GREATER THAN 4.0 FEET ABOVE MEAN LOWER LOW WATER.

760T4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F378-R

Daily discharge, in second-feet of DOMINGUEZ CHANNEL at Vermont Avenue for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		e 2.1	1.4	2.9	2.0	1.5	99	1.0	2.9	2.4	2.9	4.1
2		2.1	145	2.2	1.6	1.4	17.6	1.4	2.3	2.4	2.7	2.9
3		2.1	744	2.1	1.7	1.3	1.6	1.4	2.3	2.4	2.9	2.4
4		2.1	23	1.6	1.6	16.4	2.0	1.4	2.3	2.2	2.6	2.3
5		2.1	907	1.5	1.7	1.5	1.8	1.5	1.5	2.2	2.0	2.6
6		2.1	194	1.5	2.2	1.3	1.1	1.6	2.1	8.2	1.8	2.7
7		1,220	19.9	1.8	1.7	1.7	33	1.5	2.0	5.7	2.0	3.1
8		6.4	2.4	1.5	1.7	1.5	1.4	1.4	1.7	2.3	3.3	3.1
9		1.2	1.6	1.2	2.1	2.1	1.0	2.2	2.0	2.3	3.7	2.9
10		1.2	1.2	2.2	1.7	2.1	1.0	2.3	1.6	2.4	4.1	2.9
11		1.2	1.1	3.5	1.3	39	145	1.4	1.7	3.3	3.9	3.1
12		1.2	1.3	2.9	1.3	109	2.0	1.5	1.8	3.1	2.7	3.3
13		1.2	1.7	1.6	1.2	112	1.1	1.4	2.3	3.1	2.6	3.5
14		1.2	1.5	1.5	1.3	31	1.0	1.3	2.9	3.3	2.6	4.2
15		1.2	1.3	1.5	1.3	1.8	1.2	1.8	3.4	2.9	3.1	3.5
16		1.2	1.1	1.5	1.1	1.4	1.0	3.1	2.2	2.6	3.7	3.3
17		1.2	1.3	1.4	1.0	1.4	0.8	2.6	2.1	2.4	3.5	2.9
18		1.2	1.5	1.5	1.3	1.4	112	2.6	2.1	3.9	3.7	2.7
19		1.2	1.6	1.4	1.3	1.3	105	2.4	2.1	3.9	3.5	2.4
20		40	1.3	1.4	1.3	1.4	5.0	2.2	2.3	2.6	4.1	3.3
21		5.6	1.5	1.5	1.7	1.6	295	2.2	2.9	2.3	4.7	2.7
22		1.2	1.5	760	1.6	2.7	136	2.4	2.6	2.2	4.3	2.7
23		e 1.2	1.8	35	1.8	1.6	a 2.0	3.1	2.9	2.4	4.7	2.6
24		1.5	1.3	486	1.7	1.3	a 28	2.4	2.6	2.3	3.7	2.9
25		0.9	1.4	21	17.1	1.1	2.0	2.7	2.4	2.4	2.9	2.9
26		0.9	1.4	4.1	2.0	1.0	1.6	2.3	2.1	3.1	2.6	3.3
27		1.3	1.1	2.1	1.3	1.0	2.1	2.4	2.3	3.1	2.2	3.3
28		1.0	1.3	1.7	1.4	1.3	18.4	2.3	2.6	3.5	2.3	101
29		1.3	1.0	1.3		1.6	4.2	2.1	2.6	2.7	3.3	9.8
30		1.5	1.5	39		1.1	1.0	2.0	2.1	2.3	2.9	2.4
31			1.8	18		127		2.4		2.3	2.9	
	e 65.1	e 1,308.6	2068.7	1,406.4	59.0	471.8	1,023.9	62.3	68.7	92.2	97.9	194.8
MEAN	e 2.10	e 43.6	65.7	4.54	2.11	15.2	34.1	2.01	2.29	2.97	3.16	6.49
ACRE-FEET	e 129.	e 2,740.	4,100.	2,790.	117.	936.	2,030.	124.	136.	183.	194.	386.

Remarks:

YEAR OR PERIOD MEAN 19.2
ACRE-FEET 13,860

STATION F355-R

DOMINGUEZ CHANNEL at Henry Ford Avenue

LOCATION: LAT. 33°46'44", LONG. 118°14'23", ON THE RIGHT (WEST) SIDE OF CHANNEL ABOUT 200 FEET UPSTREAM OF HENRY FORD AVENUE BRIDGE, 2 MILES SOUTHEAST OF WILMINGTON. ELEVATION OF ZERO GAGE HEIGHT 0.00 FEET.

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL EARTH 200 FEET AND 150 FEET WIDE BY 11 FEET DEEP (TO SEA LEVEL) WITH PLACED ROCK SIDES. CONTROL: FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: NONE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 28, 1966. (STATION DISCONTINUED)

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: DECEMBER 18, 1963 TO SEPTEMBER 28, 1966. WATER SURFACE RECORDS ONLY.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: RECORDS OF WATER SURFACE ARE OBTAINED FOR THE PURPOSE OF OBSERVING TIDAL FLUCTUATIONS AND AND THE EFFECT OF OVERRIDING STORM FLOWS. NO MEASUREMENTS OR ESTIMATES OF DISCHARGE ARE MADE.

STATION F53-R

DUME CREEK at Pacific Coast Highway

LOCATION: LAT. 34°01'02", LONG. 118°48'57", ON THE DOWNSTREAM SIDE OF PACIFIC COAST HIGHWAY BRIDGE NEAR DUME POINT ABOUT 0.2 MILE FROM THE PACIFIC OCEAN, 22 MILES WEST OF SANTA MONICA. ELEVATION OF ZERO GAGE HEIGHT 10.01 FEET.

DRAINAGE AREA: 8.8 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND AND GRAVEL.
CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM HIGHWAY BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: JANUARY 15, 1930 TO NOVEMBER 25, 1937; NOVEMBER 3, 1938 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1,220. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 1,020. SECOND-FEET JANUARY 24.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1930-67
MAXIMUM: NOT DETERMINED MARCH 2, 1938.
MAXIMUM: 2,750. SECOND-FEET DECEMBER 31, 1933.
MINIMUM: NO FLOW MOST YEARS.

ACCURACY: POOR DURING HIGH FLOWS; FAIR DURING LOW FLOWS.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M GIb 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F53-R

Daily discharge, in second-feet of DUME CREEK at Pacific Coast Highway, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	+	b 7.8	0.1	+	+	+	e 0.08	e 0.06	e 0.02	0
2	0	0	+	b 4.8	0.1				0.08	0.06	0.02	0
3	0	0	0	b 4.3	+				0.08	0.07	0.02	0
4	0	0	0	3.4	+			+	0.07	0.07	0.02	0
5	0	0	0	1.3	+			0.04	0.07	0.07	0.02	0
6	0	0	0	1.3	11			0.04	0.07	0.07	0.02	0
7	0	0	0	b 0.2	4.4			0.04	0.07	0.07	0.02	0
8	0	0	0	+	2.5			0.04	0.06	0.07	0.01	0
9	0	0	0	+	0.9			0.04	0.06	0.06	0.01	0
10	0	0	0	0	0.7			0.04	0.06	0.06	0.01	0
11	0	0	0	0	0.2			0.04	0.07	0.06	0.01	0
12	0	0	0	0	0.2			0.04	0.07	0.06	0.01	0
13	0	0	0	0	0.2			0.04	0.08	0.05	0.01	0
14	0	0	0	0	0.1			0.05	0.08	0.05	0.01	0
15	0	0	0	0	0.1			0.05	0.09	0.05	0.01	0
16	0	5.4	0	0	+			0.05	0.09	0.05	0.01	0
17	0	122	0	0	+			0.05	0.09	0.05	0.01	0
18	0	28	0	0				0.06	0.09	0.04	0.01	0
19	0	4.9	0	0				0.06	0.09	0.04	0.01	0
20	0	0.5	0	0				0.06	0.08	0.04	0.01	0
21	0	0	0	0				0.06	0.08	0.04	e 0.01	0
22	0	71	0	0				0.06	0.08	0.04	0	0
23	0	62	0	0				0.06	0.08	0.03	0	0
24	0	80	0	0				0.06	0.07	0.03	0	0
25	0	41	0	0				0.06	0.07	0.03	0	0
26	0	16	0	0				0.06	0.07	0.03	0	0
27	0	9.0	0	0				0.06	0.07	0.02	0	0
28	0	5.2	0	0	+			0.07	0.06	0.02	0	0
29	0	2.4	438	0				0.07	0.06	0.02	0	0
30	0	0.7	77	25			+	0.07	e 0.06	0.02	0	0
31	0		b 27	2.7		+		e 0.07		e 0.02	0	
	0		542		20.5		+		2.23		0.28	
		448.1		50.8		+		1.44		1.45		0
MEAN	0	14.9	17.5	1.64	0.66	+	+	0.05	0.07	0.05	0.01	0
ACRE-FEET	0	889.	1,080.	101.	41.	+	+	2.9	4.4	2.9	0.6	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 2.92
ACRE-FEET 2,020.

7AD74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F53-R

Daily discharge, in second-feet of DUME CREEK at Pacific Coast Highway, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	e 0.06	e 0.1	e 0.4	0.8	e 0.8	e 0.7	e 0.6	e 0.4
2	0	0	+	0	0.05	0.1	0.4	0.8	0.8	0.7	0.6	0.4
3	0	0	82	0	0.05	0.1	0.4	1.1	0.8	0.8	0.6	0.4
4	0	0	4.5	0	0.06	0.1	0.3	0.8	0.8	0.8	0.6	0.4
5	0	0	58	0	0.06	0.1	0.3	0.8	0.8	0.8	0.6	0.4
6	0	0	263	0	0.06	0.1	0.3	0.8	0.8	0.8	0.6	0.4
7	0	63	74	0	0.06	0.1	0.3	0.8	0.8	0.7	0.6	0.4
8	0	0.5	10	0	0.07	0.1	0.3	1.1	0.8	0.7	0.6	0.4
9	0	0	7.3	0	0.07	0.1	0.3	1.1	0.8	0.7	0.6	0.4
10	0	0	2.8	0	0.07	e 0.1	e 0.3	1.1	0.8	0.6	0.6	0.4
11	0	0	1.4	0	0.07	1.1	5.0	1.1	0.8	0.6	0.6	0.3
12	0	0	1.0	0	0.07	3.2	1.4	0.8	0.8	0.6	0.6	0.3
13	0	0	+	0	0.06	7.1	0.5	0.8	0.8	0.5	0.6	0.3
14	0	0	0	0	0.06	1.4	0.2	0.8	0.8	0.5	0.5	0.3
15	0	0	0	0	0.06	0.5	0.2	0.8	0.8	0.5	0.5	0.3
16	0	0	0	0	0.06	0.2	0.2	0.8	0.8	0.5	0.5	0.3
17	0	0	0	0	0.07	e 0.2	0.5	0.5	0.8	0.5	0.5	0.3
18	0	0	0	0	0.08	0.3	5.4	0.8	0.8	0.5	0.5	0.3
19	0	0	0	0	0.09	0.3	3.5	1.1	0.7	0.5	0.5	0.3
20	0	0	0	0	0.1	0.3	1.7	0.8	0.7	0.5	0.5	0.3
21	0	0	0	0	0.1	0.3	3.0	0.8	0.7	0.5	0.5	0.3
22	0	0	0	83	0.1	0.3	8.2	0.5	0.7	0.5	0.5	0.3
23	0	0	0	18	0.1	0.3	3.2	0.5	0.7	0.5	0.5	0.3
24	0	0	0	249	0.1	0.3	4.1	0.8	0.7	0.5	0.5	0.3
25	0	0	0	57	0.1	0.3	2.3	0.8	0.7	0.4	0.5	0.3
26	0	0	0	16	0.1	0.4	1.4	0.8	0.7	0.4	0.5	0.3
27	0	0	0	5.3	0.1	0.4	0.8	0.8	0.7	0.4	0.5	0.3
28	0	0	0	1.4	e 0.1	0.4	1.1	0.8	0.7	0.4	0.5	0.4
29	0	0	0	+		0.4	1.1	0.8	0.7	0.5	0.5	0.3
30	0	0	0	+		0.4	0.2	0.8	e 0.7	0.5	0.5	e 0.3
31	0		0	0.8		e 0.4		0.8		e 0.5	e 0.4	
	0	63.5	504.0	429.5	2.13	19.5	47.3	25.7	22.8	17.6	16.7	10.1
MEAN	0	2.12	16.3	13.9	0.08	0.63	1.58	0.83	0.76	0.57	0.54	0.34
ACRE-FEET	0	126.	1,000.	852.	4.2	39.	94.	51.	45.	35.	33.	20.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 3.17
ACRE-FEET 2,300.

STATION U2-R

EATON CREEK above Mouth of Canyon

LOCATION: LAT. 34°11'37", LONG. 118°06'13", ON THE RIGHT (WEST) BANK AT MOUTH OF CANYON UPSTREAM OF OLD MOUNT WILSON TOLL ROAD BRIDGE AND 4.5 MILES NORTHEAST OF PASADENA. ELEVATION OF GAGE HEIGHT ABOUT 1,230 FEET.

DRAINAGE AREA: 6.47 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - NATURAL ROCK AND GRAVEL.
CONTROL - BROAD-CRESTED WEIR.

REGULATION AND DIVERSION: REGULATION - NONE.
DIVERSION - CITY OF PASADENA 300 FEET AND 1.2 MILES ABOVE STATION.

RECORDS AVAILABLE: MARCH 1918 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1,040. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW MOST OF YEAR

1966-67
MAXIMUM: 487 SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW MOST OF YEAR.

1918-67
MAXIMUM: 2,400 SECOND-FEET ESTIMATED MARCH 2, 1938 FROM RECORD OF INFLOW TO EATON FLOOD CONTROL RESERVOIR.
MINIMUM: NO FLOW AT VARIOUS TIMES EACH YEAR.

ACCURACY: FAIR.

OPERATION: RECORDS FURNISHED BY THE UNITES STATES GEOLOGICAL SURVEY FOR 1965-66 AND BY THE CALIFORNIA STATE DEPARTMENT OF WATER RESOURCES FOR 1966-67.

AVERAGE DISCHARGE: 49 YEARS, 2.11 SECOND-FEET. AVERAGE COMBINED DISCHARGE OF CREEK AND DIVERSION, 44 YEARS, 3.37 SECOND-FEET.

REMARKS: RECORDS DO NOT INCLUDE WATER DIVERTED ABOVE STATION BY THE CITY OF PASADENA.

76D74M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U2-R

Daily discharge, in second-feet of EATON CREEK above Mouth of Canyon, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	17	48	5.4	0	0	0.1	0	0	0	0
2	0	0	13	38	4.0	0	0	0	0	0	0	0
3	0	0	10	29	3.0	0	0	0	0	0	0	0
4	0	0	7.7	27	2.0	0	0	0	0	0	0	0
5	0	0	6.7	30	1.0	0	0	0	0	0	0	0
6	0	0	5.9	27	22	0	0	0	0	0	0	0
7	0	0	5.1	24	11	0	0	0	0	0	0	0
8	0	0	4.4	22	3.2	0	0	0	0	0	0	0
9	0	0	7.2	20	3.1	0	0	0	0	0	0	0
10	0	0	10	18	2.2	0	0	0	0	0	0	0
11	0	0	5.4	13	1.8	0	0	0	0	0	0	0
12	0	0	7.7	8.3	1.0	0	0	0	0	0	0	0
13	0	0	5.2	7.1	0.9	0	0	0	0	0	0	0
14	0	0	3.7	6.9	0.6	0	0	0	0	0	0	0
15	0	0	2.8	7.2	0.3	0	0	0	0	0	0	0
16	0	13	2.8	23	0.1	0.1	0	0	0	0	0	0
17	0	170	2.4	16	0	0.3	0	0	0	0	0	0
18	0	81	2.0	5.0	0	0.2	0	0	0	0	0	0
19	0	26	1.3	4.0	0	0	0	0	0	0	0	0
20	0	11	0.3	3.0	0	0	0	0	0	0	0	0
21	0	4.6	0	3.0	0	0	0	0	0	0	0	0
22	0	215	0.1	3.0	0	0	0	0	0	0	0	0
23	0	238	0	2.5	0	0	0	0	0	0	0	0
24	0	175	0	2.5	0	2.1	0	0	0	0	0	0
25	0	102	0	2.5	0	3.1	0	0	0	0	0	0
26	0	64	0	2.2	0	0	0	0	0	0	0	0
27	0	47	0	2.1	0	0	0	0	0	0	0	0
28	0	35	0	2.0	0.1	0	0	0	0	0	0	0
29	0	28	251	2.0		0	0	0	0	0	0	0
30	0	21	120	13		0	0	0	0	0	0	0
31	0		61	7.9		0		0		0	0	
	0	1230.6	552.7	419.2	61.7	5.8	0	0.1	0	0	0	0
MEAN	0	41.0	17.8	13.5	2.20	0.19	0	+	0	0	0	0
ACRE-FEET	0	2,440.	1,100	831.	122.	12.	0	0.2	0	0	0	0

Remarks: + = 0.05 CFS OR LESS.

YEAR OR PERIOD MEAN 6.22
ACRE-FEET 4,500.

76D74M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U2-R

Daily discharge, in second-feet of EATON CREEK above Mouth of Canyon, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0.5	0	3.5	0	0.5	0	0	0
2	0	0	0.1	0	0.4	0	3.6	0	0.3	0	0	0
3	0	0	97	0	0.6	0	0.1	0	0	0	0	0
4	0	0	21	0	0	0	1.0	0	0	0	0	0
5	0	0	62	0	0	0	0.9	0	0	0	0	0
6	0	0	262	0	0.1	0	0.3	0	0	0	0	0
7	0	16	85	0	0	0	1.2	0	0	0	0	0
8	0	2.9	17	0	0	0	0.2	0	0	0	0	0
9	0	0.6	1.6	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0.1	0	0	0	0	0	0	0
11	0	0	0	0	0	0.3	13	0	0	0	0	0
12	0	0	0	0	0	25	2.4	0	0.5	0	0	0
13	0	0	0	0	0	63	0.3	0	0.7	0	0	0
14	0	0	0	0	0	31	0	0	0	0	0	0
15	0	0	0	0	0	3.7	0	0	0	0	0	0
16	0	0	0	0	0	0.3	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	13	0	0	0	0	0
19	0	0	0	0	0	0	14	0	0	0	0	0
20	0	0	0	0	0	0	7.6	0	0	0	0	0
21	0	0	0	0	0	0	14	0	0	0	0	0
22	0	0	0	10	0	0	30	0	0	0	0	0
23	0	0	0	7.0	0	0	9.3	0	0	0	0	0
24	0	0	0	41	0	0	14	0	0	0	0	0
25	0	0	0	31	0	0	2.5	0	0	0	0	0
26	0	0	0	11	0	0	0.3	0	0	0	0	0
27	0	0	0	3.8	0	0	0	0	0	0	0	0
28	0	0	0	1.8	0	0	4.5	0	0	0	0	0
29	0	0	0	1.2		0	1.2	0	0	0	0	0
30	0	0	0	1.0		0	0	0	0	0	0	0
31	0		0	0.9		2.6		3.2		0	0	
	0	19.5	545.7	108.7	1.7	125.9	136.9	3.2	2.0	0	0	0
MEAN	0	0.63	17.6	3.51	0.06	4.06	4.56	0.11	0.07	0	0	0
ACRE-FEET	0	39.	1,080.	216.	3.4	250.	272.	6.3	4.0	0	0	0

Remarks:

YEAR OR PERIOD MEAN 2.58
ACRE-FEET 1,870.

STATION F271-R

EATON WASH below Eaton Wash Dam

LOCATION: LAT. 34° 10' 04", LONG. 118° 05' 28", ON THE RIGHT (WEST) BANK OF CONCRETE OUTLET CHANNEL, 190 FEET BELOW BEGINNING OF OPEN SECTION AT BASE OF DAM, ABOUT THREE MILES NORTHEAST OF PASADENA. ELEVATION OF ZERO GAGE HEIGHT 839.57.

DRAINAGE AREA: 12.4 SQUARE MILES.(REVISED)

CHANNEL AND CONTROL: CHANNEL- RECTANGULAR CONCRETE, 26 FEET WIDE BY 10 FEET WITH 0.5 FOOT FILLETS.
CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT GAGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - EATON WASH DAM.
DIVERSION - PASADENA WATER DEPARTMENT DIVERTS FLOW ABOVE THE MOUTH OF CANYON.

RECORDS AVAILABLE: RESERVOIR OUTFLOW RECORDS: FEBRUARY 2, 1937 TO OCTOBER 10, 1940. RECORDER RECORDS: OCTOBER 10, 1940 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 503 SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES

1966-67
MAXIMUM: 605 SECOND-FEET DECEMBER 6
MINIMUM: NO FLOW AT VARIOUS TIMES

1940-67
MAXIMUM: 1080 SECOND-FEET JANUARY 23, 1943.
MINIMUM: NO FLOW MOST OF EACH YEAR.

ACCURACY: FAIR, SEQUENCE OF GATES OPERATED AT EATON WASH DAM AFFECTS GAGE HEIGHT – DISCHARGE RELATION.

OPERATION: LOCATED, OPERATED AND CONSTRUCTED BY LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F271-R

Daily discharge, in second-feet of EATON WASH below Eaton Wash Dam., for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	28.	0	d 11.8	0	0	0	0	0	0	0
2	0	0	24	0	11.2	0	0	0	0	0	0	0
3	0	0	21	3.4	10.7	0	0	0	0	0	0	0
4	0	0	20	0	6.8	0	0	0	0	0	0	0
5	0	0	19	37	0	0	0	0	0	0	0	0
6	0	0	18.0	26	0	0	0	0	0	0	0	0
7	0	0	18.0	12.6	8.6	0	0	0	0	0	0	0
8	0	0	17.0	8.5	14.2	0	0	0	0	0	0	0
9	0	0	13.5	8.4	13.6	0	0	0	0	0	0	0
10	0	0	10.9	8.4	12.9	0	0	0	0	0	0	0
11	0	0	28	34.	12.1	0	0	0	0	0	0	0
12	0	0	0	34	5.5	0	0	0	0	0	0	0
13	0	0	13.8	26	0.2	0	0	0	0	0	0	0
14	0	d +	7.5	20	0.1	0	0	0	0	0	0	0
15	0		11.5	17.9	0.1	0	0	0	0	0	0	0
16	0		18.3	17.7	0.1	0	0	0	0	0	0	0
17	0	+	31	20	0.1	0	0	0	0	0	0	0
18	0	28	7.1	21	0	0	0	0	0	0	0	0
19	0	48	0	21	0	0	0	0	0	0	0	0
20	0	45	0	15.7	0	0	0	0	0	0	0	0
21	0	41	0	12.9	0	0	0	0	0	0	0	0
22	0	44	0	12.7	0	0	0	0	0	0	0	0
23	0	173	0	12.4	0	0	0	0	0	0	0	0
24	0	158	0	12.1	1.2	0	0	0	0	0	0	0
25	0	90	0	11.9	1.0	0	0	0	0	0	0	0
26	0	66	0	7.8	0	0	0	0	0	0	0	0
27	0	54	0	7.1	0	0	0	0	0	0	0	0
28	0	52	0	11.2	d 0	0	0	0	0	0	0	0
29	0	51	84	11.0		0	0	0	0	0	0	0
30	0	d 39	9.1	2.7		0	0	0	0	0	0	0
31	0		0	7.3		0		0		0	0	
	0	889	399.7	440.7	110.2	0	0	0	0	0	0	0
MEAN	0	29.6	11.8	13.6	3.94	0	0	0	0	0	0	0
ACRE-FEET	0	1,760.	793.	874.	219.	0	0	0	0	0	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 5.05
ACRE-FEET 3,650.

760T4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F271-R

Daily discharge, in second-feet of EATON WASH below Eaton Wash Dam, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	+	0	0	0	+	0	0	+	0	0
2	0	0	|	0	0	0	+	0	0	|	0	0
3	0	0	|	0	0	0	0	0	0	|	0	0
4	0	0	+	0	0	0	+	0	0	|	0	0
5	0	0	v 2.6	0	0	0	0	0	0	|	0	0
6	0	0	169	0	0	0	0	0	0	|	0	0
7	0	a 0.1	73	0	0	0	+	0	0	|	0	0
8	0	+	28	0	0	0	0	0	0	|	0	0
9	0	+	37	0	0	0	0	0	0	|	0	0
10	0	+	36	0	0	0	0	0	0	|	0	0
11	0	0	35	0	0	0	+	0	0	|	0	0
12	0	0	59	0	0	0	0	0	0	|	0	0
13	0	0	65	0	0	0	0	0	0	|	0	0
14	0	0	42	0	0	0	0	0	0	|	0	0
15	0	0	v 14.3	0	0	v 29	0	0	0	|	0	0
16	0	0	0	0	0	42	0	0	0	+	0	0
17	0	0	0	0	0	37	0	0	0	0	0	0
18	0	0	0	0	0	19	+	0	0	0	0	0
19	0	0	0	0	0	16	+	0	0	0	0	0
20	0	0	0	0	0	v 5.5	0	0	v 34	0	0	0
21	0	0	0	0	0	+	+	0	50	0	0	0
22	0	0	0	0	0	0	+	0	29	+	0	0
23	0	0	0	0	0	0	0	0	0.2	0	+	0
24	0	0	0	0	0	0	0	0	v 0.1	0	0	0
25	0	0	0	v 26	0	0	0	0	0	0	0	0
26	0	0	0	44	0	0	0	0	0	0	0	0
27	0	0	0	40	0	0	0	0	0	0	0	0
28	0	0	0	v 30	0	0	0	0	0	0	0	0
29	0	0	0	0		0	0	+	0	0	0	0
30	0	0	0	0		0	0	+	0	0	0	0
31	0		0	0		0		+		0	0	
	0	0.1	560.9	140	0	147.5	+ +	+ +	113.3	+ +	+ +	0
MEAN	0	+	18.0	1.1	0	4.8	+	+	3.8	+	+	0
ACRE-FEET	0	+	1,110.	280.	0	293.	+	+	225.	+	+	0

Remarks:

YEAR OR PERIOD MEAN 2.63
ACRE-FEET 1,910.

STATION F318-R

EATON WASH at Loftus Drive

LOCATION: LAT. 34°04'24", LONG. 118°02'18", ON THE RIGHT (WEST) WALL OF CHANNEL, 52 FEET ABOVE LOFTUS DRIVE BRIDGE, 1.3 MILES WEST OF EL MONTE. ELEVATION OF ZERO GAGE HEIGHT 252.21 FEET.

DRAINAGE AREA: 22.8 SQUARE MILES. (REVISED)

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 60 FEET WIDE BY 11.3 FEET DEEP WITH 0.75 FOOT RISE TO BOTTOM OF LEFT WALL TO KEEP FLOWS AT STATION. CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM EAST LOFTUS DRIVE BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - PARTIALLY REGULATED BY EATON WASH DAM. DIVERSION: PASADENA WATER DEPARTMENT DIVERTS WATER JUST ABOVE MOUTH OF EATON CANYON; THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT DIVERTS WATER AT SPREADING GROUNDS BELOW EATON WASH DAM AND BELOW HUNTINGTON DRIVE.

RECORDS AVAILABLE: AT STATIONS: F104-R, ELLIS LANE, OCTOBER 1, 1930 TO DECEMBER 27, 1930; F104B-R, BROADWAY, DECEMBER 28, TO NOVEMBER 10, 1931; F104-R, ELLIS LANE, NOVEMBER 10, 1931 TO MAY 4, 1955 (REMOVED FOR CHANNEL CONSTRUCTION); F31B-R, LOFTUS DRIVE, FEBRUARY 23, 1956 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,290. SECOND-FEET DECEMBER 29.
MINIMUM: 0.3 SECOND-FOOT AT VARIOUS TIMES.

1966-67
MAXIMUM: 2,100. SECOND-FEET JANUARY 24.
MINIMUM: 0.3 SECOND-FOOT AT VARIOUS TIMES.

1930-67
MAXIMUM: 3,480. SECOND-FEET JANUARY 6, 1959.
MINIMUM: NO FLOW PART OF MOST YEARS.

ACCURACY: GOOD.

OPERATION: CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F318-R

Daily discharge, in second-feet of EATON WASH at Loftus Drive, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.4	2.7	13.0	5.7	7.4	0.4	0.9	0.6	2.1	1.8	3.0	3.3
2	2.1	2.7	7.7	4.3	2.7	0.3	0.4	2.1	2.4	0.5	3.0	3.3
3	2.1	2.7	4.3	9.2	0.4	0.3	0.4	2.1	2.4	0.4	3.0	0.9
4	2.1	2.7	5.0	6.4	0.4	0.3	0.9	2.1	2.1	0.5	3.0	0.5
5	2.4	2.4	5.0	3.3	0.3	0.3	1.8	1.8	0.9	2.1	2.7	0.9
6	2.4	1.5	5.0	2.1	143	0.3	1.2	2.1	1.8	2.4	2.7	3.0
7	2.4	0.4	3.6	3.0	1.2	0.4	1.2	1.5	1.8	2.7	1.2	3.3
8	2.4	1.2	3.3	9.8	0.4	0.4	1.5	1.5	1.9	2.7	2.7	3.3
9	1.5	2.7	84	10.5	0.4	0.4	0.4	10.6	2.4	2.1	2.7	3.3
10	0.4	1.5	25	10.5	0.4	0.4	0.4	1.2	2.1	1.2	2.7	3.6
11	1.2	2.1	5.7	7.7	0.4	0.4	0.5	0.9	2.1	2.1	2.7	1.2
12	2.4	1.5	56	3.5	0.5	0.3	1.8	2.4	1.2	2.1	2.7	3.3
13	2.1	0.4	2.1	1.5	0.3	0.3	1.2	2.4	2.4	2.7	2.7	3.6
14	2.1	86	17.6	1.2	0.4	15.1	1.2	1.5	2.7	2.7	0.9	3.0
15	2.4	148	0.9	0.6	0.4	0.3	1.8	0.4	2.7	2.7	2.7	3.0
16	1.5	257	0.4	0.4	0.4	0.4	2.1	1.2	2.7	2.4	3.0	3.3
17	0.4	434	0.4	1.5	0.4	0.4	2.1	2.1	2.7	2.1	2.7	3.3
18	1.2	77	0.9	1.5	0.5	0.4	2.1	2.4	2.7	2.1	2.7	35
19	2.4	3.6	0.6	0.6	0.4	0.3	2.4	2.1	2.7	2.1	2.7	12.1
20	2.7	3.3	0.4	0.6	0.4	0.3	2.4	2.7	2.4	2.1	2.7	2.4
21	2.4	3.0	0.4	0.5	0.9	0.4	2.4	2.1	2.7	2.1	0.9	2.4
22	2.7	552	2.4	0.4	1.2	0.4	2.7	1.2	2.7	2.4	2.4	2.1
23	2.4	416	0.4	0.4	0.9	0.4	2.4	2.1	2.4	2.1	2.4	1.8
24	2.4	437	0.3	0.5	0.6	53	2.1	2.1	2.4	0.4	2.4	2.1
25	2.4	188	0.3	0.5	0.4	36	2.1	2.1	2.4	2.1	2.4	0.9
26	2.4	19.0	0.3	0.9	0.3	0.3	2.1	2.1	2.4	2.1	2.7	1.8
27	2.7	2.4	0.4	0.4	0.3	0.4	2.1	2.4	2.4	2.4	2.7	1.8
28	2.7	0.4	0.5	1.2	0.4	0.4	2.1	0.5	1.8	2.7	0.9	1.8
29	2.7	0.4	605	1.2		0.5	2.4	0.4	1.9	2.7	3.0	11.6
30	2.7	5.5	19.9	122		0.5	1.5	0.4	1.5	2.7	3.3	2.1
31	1.5		5.5	1.2		0.9		1.8		0.9	3.3	
	65.6	2657.1	876.3	213.1	165.7	114.9	48.6	60.9	66.6	62.1	78.6	124.0
MEAN	2.12	88.6	28.3	6.87	5.92	3.71	1.62	1.96	2.22	2.00	2.54	4.13
ACRE-FEET	130.	5,270.	1,740.	423.	329.	228.	96.	121.	132.	123.	156.	246.

Remarks:

YEAR OR PERIOD MEAN 12.4
ACRE-FEET 8,990.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F318-R

Daily discharge, in second-feet of EATON WASH at Loftus Drive, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.8	2.7	0.4	1.2	0.4	1.2	108	0.4	0.3	0.4	1.8	9.6
2	0.4	2.7	100	0.6	0.4	0.5	1.2	0.4	0.5	0.4	2.1	0.4
3	1.8	3.0	359	1.2	0.4	0.4	1.2	0.4	0.5	2.1	1.8	0.4
4	1.8	3.0	3.3	1.5	0.4	6.4	14.4	0.4	0.4	0.4	1.8	2.1
5	2.1	3.0	258	1.2	0.3	0.3	1.5	0.3	0.5	2.1	0.4	2.1
6	2.4	3.7	495	1.5	0.4	0.4	3.0	0.3	2.1	1.8	0.4	2.4
7	2.4	380	125	0.4	0.5	0.5	10.4	0.3	2.1	1.8	1.8	2.1
8	2.4	0.9	1.5	0.4	0.5	0.4	0.3	0.4	2.1	1.2	2.1	2.1
9	0.6	0.9	1.2	0.6	0.5	0.4	0.3	0.9	1.2	0.4	1.8	1.8
10	2.7	1.2	0.9	0.5	0.4	0.4	1.8	0.4	0.3	1.8	2.1	2.1
11	2.4	0.5	0.9	0.6	0.4	87	137	0.4	0.3	1.8	1.8	2.4
12	2.4	0.4	0.9	1.2	0.4	151	0.3	0.4	6.9	1.8	0.6	2.4
13	2.7	0.3	1.5	0.9	0.4	111	0.3	0.3	1.2	1.8	0.4	2.4
14	2.7	0.3	1.2	0.4	0.4	26	0.6	0.3	1.5	1.8	2.1	2.4
15	2.7	0.4	0.6	0.4	0.4	3.5	1.5	0.6	1.5	1.8	2.4	2.7
16	1.2	0.4	1.2	0.5	0.4	1.2	1.5	1.8	1.8	0.5	2.7	2.4
17	2.7	0.4	0.4	0.9	0.5	0.9	1.8	2.1	1.2	2.1	2.4	2.4
18	2.7	0.4	0.4	0.9	0.4	0.5	97	1.8	0.4	2.1	2.4	2.4
19	3.0	0.4	1.2	1.5	0.4	0.3	28	1.8	0.9	2.1	2.4	2.1
20	2.7	4.7	1.2	1.2	0.9	0.4	3.3	1.8	1.5	1.8	2.4	2.4
21	2.7	0.4	1.2	0.4	0.9	0.5	112	0.3	1.8	1.8	2.1	2.1
22	3.0	3.8	0.4	492	0.5	0.9	50	1.2	1.8	1.8	2.1	1.9
23	0.9	0.4	0.5	15.8	0.4	1.2	0.3	1.5	1.8	0.4	2.1	1.8
24	2.7	0.3	0.4	549	0.4	1.5	40	1.5	0.6	1.5	2.4	2.1
25	2.7	0.3	0.4	22	5.2	0.4	0.3	1.5	0.4	1.8	2.1	1.8
26	2.7	0.3	0.4	2.4	0.3	0.4	0.4	1.5	0.6	1.8	2.1	10.2
27	2.7	0.3	1.5	1.8	0.5	1.5	0.4	1.2	2.1	1.8	2.1	2.1
28	3.0	0.4	1.8	1.5	0.9	1.8	5.2	0.4	2.1	1.8	1.8	29
29	3.0	0.4	0.6	0.4		2.1	0.3	0.4	2.1	1.8	2.1	2.7
30	0.6	0.4	0.6	10.4		1.2	0.3	0.4	2.1	0.4	2.1	2.7
31	2.7		0.9	2.0		79		2.9		1.8	2.4	
	70.3	416.3	1367.5	1114.3	17.9	483.2	622.6	28.3	42.6	46.7	59.1	105.4
MEAN	2.27	13.9	44.1	35.9	0.64	15.6	20.8	0.91	1.42	1.51	1.91	3.51
ACRE-FEET	139.	826.	2,710.	2,210.	36.	958.	1,230.	56.	84.	93.	117.	209.

Remarks:

YEAR OR PERIOD MEAN 12.0
ACRE-FEET 8,670.

STATION F 296–R

EVEY CANYON CREEK at Camp Baldy Road

LOCATION: LAT. 34° 09' 47", LONG. 117° 40' 52", ON RIGHT (SOUTH) WING WALL AT DOWNSTREAM END OF CULVERT UNDER CAMP BALDY ROAD, 4.5 MILES NORTHEAST OF CLAREMONT. ELEVATION OF ZERO GAGE HEIGHT 2280±.

DRAINAGE AREA: 1.53 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL – GENERALLY SAND, ROCK AND GRAVEL SUBJECT TO SHIFTING CONDITIONS.
CONTROL – SUBMERGED DAM 40 FEET DOWNSTREAM.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOW NOT MEASURED.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: MEASUREMENTS FROM OCTOBER 21, 1948; CONTINUOUS RECORD FROM DECEMBER 17, 1956 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 126. SECOND-FEET NOVEMBER 23.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966–67
MAXIMUM: 131. SECOND-FEET DECEMBER 6.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1957–67
MAXIMUM: 131. SECOND-FEET DECEMBER 6, 1966.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: POOR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76DT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F296-R

Daily discharge, in second-feet of EVEY CANYON CREEK Camp Baldy Road for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0.5	0.7	0.3	0.2	0.2	0.1	0.1	0.03	0.02	+
2	0	0	0.5	0.6	0.3	0.2	0.2	0.1	0.1	0.03	0.02	
3	0	0	0.4	0.6	0.3	0.2	0.2	0.1	0.1	0.03	0.03	
4	0	0	0.4	0.6	0.3	0.2	0.1	0.1	0.1	0.03	+	
5	0	0	0.4	0.6	0.3	0.2	0.1	0.1	0.1	0.02	0.03	
6	0	0	0.4	0.6	1.1	0.2	0.1	0.1	0.1	0.02	0.03	
7	0	0	0.3	0.5	1.8	0.2	0.1	0.1	0.1	0.02	0.03	
8	0	0	0.3	0.5	1.3	0.2	0.1	0.1	0.1	0.02	0.02	
9	0	+	0.4	0.5	0.9	0.2	0.1	0.1	0.1	0.02	0.02	
10	0		0.4	0.5	0.7	0.2	0.1	0.1	0.1	0.02	0.03	
11	0		0.3	0.5	0.6	0.2	0.1	0.1	0.1	0.01	0.03	
12	0		0.4	0.4	0.5	0.2	0.1	0.1	0.1	+	0.03	
13	0	+	0.4	0.4	0.5	0.2	0.1	0.1	0.1	0.02	0.03	
14	0	d 0.1	0.4	0.4	0.5	0.2	0.1	0.1	0.1	0.02	0.03	
15	0	0.1	0.4	0.4	0.4	0.2	0.1	0.1	0.1	0.02	b 0.03	
16	0	2.0	d 0.3	0.4	0.4	0.2	0.1	0.1	0.1	0.01	b 0.03	
17	0	2.0	0.3	0.4	0.4	0.2	0.1	0.1	0.1	0.01	b 0.03	
18	0	0.6	0.3	0.3	0.4	0.2	0.1	0.1	0.1	+	+	
19	0	0.5	0.3	0.3	0.4	0.2	0.1	0.1	0.1			
20	0	0.4	0.3	0.3	0.3	0.2	0.1	0.1	0.1			
21	0	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1			
22	0	44	0.3	0.3	0.3	0.2	0.1	0.1	0.1			+
23	0	d 21	d 0.3	0.4	0.3	0.2	0.1	0.1	0.1			0.03
24	0	b 2.0	0.2	0.4	0.2	0.2	0.1	0.1	0.04			0.03
25	0	b 2.0	0.2	0.4	0.2	0.2	0.1	0.1	0.05			0.03
26	0	1.6	0.2	0.4	0.2	0.2	0.1	0.1	0.04			0.03
27	0	1.2	0.2	0.4	0.2	0.2	0.1	0.1	0.05			0.04
28	0	0.8	0.2	0.4	0.2	0.2	0.1	0.1	0.04			0.04
29	0	0.6	2.2	0.4		0.2	0.1	0.1	0.04			0.05
30	0	0.5	b 1.0	0.4		0.2	0.1	0.1	0.04			0.05
31	0		b 1.0	0.3		0.2		0.1		+	+	
	0	79.7	13.5	13.6	13.6	6.2	3.3	3.1	2.60	0.33	0.44	0.30
MEAN	0	2.57	0.37	0.44	0.49	0.20	0.11	0.10	0.09	0.01	0.01	0.01
ACRE-FEET	0	1.61	23.	27.	27.	12.3	6.5	6.2	5.2	0.6	0.9	0.6

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.37
ACRE-FEET 268.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F296-R

Daily discharge, in second-feet of EVEY CANYON CREEK at Camp Baldy Road, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.05	+	0.05	0.7	1.0	0.7	0.9	1.7	1.7	1.0	0.7	0.4
2	0.05	0.01	0.06	0.7	1.0	0.7	1.0	1.6	1.6	1.0	0.6	0.4
3	0.05	0.02	b 11	0.6	1.0	0.7	1.1	1.6	1.6	1.0	0.6	0.4
4	0.04	0.02	b 1.0	b 0.6	1.0	0.7	1.2	1.6	1.6	1.0	0.6	0.5
5	0.04	0.03	7.6	b 0.5	1.0	0.7	1.0	1.5	1.6	0.9	0.5	0.5
6	0.04	0.03	45	0.5	1.0	0.7	0.9	1.3	1.6	0.8	0.5	0.5
7	0.03	0.2	18	0.4	1.0	0.7	1.0	1.2	1.6	0.8	0.5	0.5
8	0.05	0.07	b 5.0	0.4	1.0	0.7	1.0	1.1	1.6	0.8	0.6	0.5
9	0.06	0.05	3.0	0.4	1.0	0.7	0.9	1.0	1.5	0.7	0.5	0.5
10	0.07	0.04	2.0	0.4	1.0	0.8	0.9	1.2	1.5	0.7	0.6	0.5
11	0.05	0.04	1.0	0.3	1.0	0.8	3.8	1.4	1.5	0.7	0.6	0.5
12	0.07	0.04	1.0	0.3	1.0	4.8	1.6	1.5	1.5	0.7	0.6	0.6
13	0.08	0.04	1.0	0.4	1.0	7.6	1.5	1.6	1.5	0.8	0.6	0.6
14	0.07	0.04	b 1.0	0.4	1.0	2.8	1.5	1.6	1.5	0.8	0.6	0.6
15	0.06	0.04	1.0	0.5	1.0	1.7	1.5	1.8	1.5	0.8	0.6	0.6
16	0.05	0.04	1.0	0.6	1.0	1.1	1.3	1.8	1.5	0.8	0.6	0.5
17	0.04	0.04	1.0	0.6	1.0	1.1	1.3	1.8	1.5	0.8	0.6	0.5
18	0.04	0.04	1.0	0.7	0.9	1.0	2.1	1.8	1.3	0.8	0.6	0.4
19	0.03	0.04	0.9	0.8	0.9	0.9	1.7	1.8	1.3	0.8	0.6	0.4
20	0.03	0.04	0.8	0.8	0.8	0.9	1.6	1.8	1.3	0.8	0.5	0.4
21	0.03	0.05	0.8	0.8	0.8	0.9	2.1	1.7	1.3	0.8	0.4	0.3
22	0.03	0.05	0.8	2.1	0.7	0.9	1.2	1.8	1.3	0.8	0.4	0.3
23	0.03	0.05	0.9	1.3	0.7	0.9	0.9	1.7	1.3	0.8	0.4	0.4
24	0.02	0.05	0.8	7.2	0.7	0.9	1.4	1.7	1.2	0.8	0.4	0.4
25	0.02	0.05	0.8	3.1	0.8	0.8	2.1	1.6	1.2	0.8	0.4	0.4
26	0.02	0.05	0.8	1.7	0.8	0.8	1.9	1.6	1.2	0.8	0.4	0.4
27	0.02	0.05	0.8	1.5	0.7	0.8	1.8	1.6	1.1	0.8	0.4	0.4
28	0.02	0.05	0.8	1.2	0.7	0.7	1.8	1.7	1.1	0.8	0.4	0.4
29	0.02	0.05	0.8	1.2		0.7	1.7	1.7	1.1	0.8	0.3	0.4
30	+	0.05	0.8	1.0		0.7	1.7	1.7	1.1	0.8	0.3	0.4
31	+		0.8	1.0		0.8		1.8		0.7	0.4	
	1.21	1.37	112.31	32.7	25.5	33.7	44.4	49.3	42.2	25.2	15.8	13.6
MEAN	0.04	0.05	3.62	1.05	0.91	1.25	1.48	1.59	1.41	0.81	0.51	0.45
ACRE-FEET	2.4	2.7	223.	65.	51.	77.	88.	98.	84.	50.	31.	27.

Remarks:

YEAR OR PERIOD MEAN 1.10
ACRE-FEET 799.

STATION U7-R

FISH CREEK above Mouth of Canyon

LOCATION: LAT. 23°10'00", LONG. 117°55'25", ON THE LEFT (EAST) BANK, 0.8 MILE UPSTREAM OF MOUTH OF CANYON AND 3 MILES NORTHEAST OF DUARTE. ELEVATION OF ZERO GAGE HEIGHT ABOUT 1,000 FEET.

DRAINAGE AREA: 6.36 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - NATURAL ROCK AND GRAVEL. CONTROL - BROAD-CRESTED WEIR.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: JULY TO SEPTEMBER 1916; JULY 1917 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,250. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 1,670. SECOND-FEET DECEMBER 6.
MINIMUM: 0.6 SECOND-FOOT OCTOBER 31.

1916-67
MAXIMUM: 2,250. SECOND-FEET DECEMBER 29, 1965.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD FOR LOW FLOWS; POOR FOR HIGH FLOWS.

OPERATION: RECORDS FURNISHED BY THE UNITED STATES GEOLOGICAL SURVEY.

REMARKS: AVERAGE DISCHARGE, 50 YEARS, 3.97 SECOND-FEET.

78D74M Gb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U7-R

Daily discharge, in second-feet of FISH CREEK above Mouth of Canyon for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	0.2	14	17	6.7	6.3	4.2	2.2	1.7	1.3	0.8	0.6
2	0	0.1	12	17	6.5	6.3	4.2	2.2	1.9	1.3	1.0	0.5
3	0	0.1	12	16	5.9	6.1	4.3	2.2	1.9	1.4	1.0	0.3
4	0	0.1	10	16	5.7	5.9	4.2	2.2	1.9	1.4	1.0	0.1
5	0.1	0.1	10	16	5.5	5.9	4.2	2.2	1.8	1.4	0.9	0.1
6	0.1	0.1	9.8	16	28	5.8	3.9	2.2	1.7	1.3	0.8	0.1
7	0.1	0.1	8.7	15	26	5.5	4.1	2.2	1.8	1.3	0.6	0.1
8	0.1	0.1	8.0	15	16	5.5	4.0	2.5	1.9	1.2	0.8	0.1
9	0.2	0.1	10	15	13	5.5	4.1	3.4	2.1	1.2	0.8	0
10	0.4	0.2	10	15	11	5.3	4.5	2.8	2.0	1.3	0.7	0
11	0.4	0.2	8.2	14	10	5.3	4.5	2.6	2.0	1.2	0.7	0
12	0.2	0.2	10	14	10	5.3	4.8	2.5	1.9	1.2	0.7	0.1
13	0.2	0.2	9.5	14	9.5	5.1	4.4	2.3	1.8	1.3	0.7	0.1
14	0.3	0.5	9.0	13	9.0	5.1	4.2	2.3	1.8	1.1	0.7	0
15	0.4	3.0	8.0	12	9.0	5.1	4.1	2.2	1.9	1.0	0.6	0
16	0.3	14	6.9	11	9.0	5.1	4.1	2.1	2.1	0.9	0.6	0
17	0.2	198	5.9	10	8.7	4.7	4.1	2.1	2.4	1.0	0.6	0
18	0.2	69	5.7	9.5	8.7	4.4	4.2	2.0	2.0	1.1	0.6	0.3
19	0.2	18	5.3	9.2	8.7	4.4	4.2	1.9	2.0	1.3	0.6	1.0
20	0.2	14	5.1	8.7	8.5	4.2	4.1	2.0	2.1	1.3	0.7	0.8
21	0.1	12	5.1	8.5	8.2	4.2	4.1	2.0	2.4	1.3	0.7	0.6
22	0.1	337	5.7	8.5	7.8	4.2	4.0	2.1	1.6	1.0	0.7	0.3
23	0.1	162	4.9	8.2	7.6	4.2	4.2	2.0	1.6	0.8	0.7	0.2
24	0.1	121	4.7	8.2	7.3	6.0	4.0	2.0	1.7	0.6	0.6	0.2
25	0.1	55	4.7	8.2	7.1	6.7	4.0	2.0	1.7	0.5	0.5	0.3
26	0.1	30	4.4	8.2	6.9	5.2	3.8	2.1	1.7	0.6	0.5	0.4
27	0	20	4.2	8.2	6.5	4.9	3.5	2.1	1.7	0.6	0.6	0.5
28	0	15	4.1	8.0	6.3	4.9	3.4	2.1	1.4	0.7	0.6	0.4
29	0	15	523	7.6		4.9	3.4	2.0	1.2	0.9	0.6	0.8
30	0	14	150	9.4		4.6	3.1	1.9	1.3	1.0	0.5	0.9
31	0.1		25	7.1		4.2		1.8		0.9	0.6	
	4.4	1099.3	913.9	363.5	273.1	160.8	121.9	68.2	55.0	33.4	21.5	8.8
MEAN	0.14	36.6	29.5	11.7	9.75	5.19	4.06	2.20	1.83	1.08	0.69	0.29
ACRE-FEET	8.7	2,180.	1,810.	721.	542.	319.	242.	135.	109.	66.	43.	17.

Remarks:

YEAR OR PERIOD MEAN 8.56
ACRE-FEET 6,200.

78D74M Gb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U7-R

Daily discharge, in second-feet of FISH CREEK above Mouth of Canyon for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.90	0.70	1.9	5.1	20	7.5	19	23	9.2	5.3	3.2	2.1
2	0.90	0.70	4.1	5.1	19	7.0	20	21	8.4	5.3	3.1	2.4
3	0.90	0.80	206	4.7	16	7.1	15	20	8.2	5.3	3.0	2.6
4	0.90	0.90	23	4.2	15	7.3	16	20	7.9	5.3	2.9	2.6
5	0.90	0.90	119	4.2	14	6.9	15	19	7.7	5.3	2.9	2.5
6	0.90	0.90	683	4.2	14	6.7	14	19	7.6	5.2	3.1	2.4
7	0.90	31	159	4.1	13	6.5	16	18	7.6	5.0	3.1	2.3
8	0.80	4.5	72	4.1	13	6.6	14	17	7.5	4.9	3.1	2.3
9	0.80	1.0	50	4.1	12	6.5	13	18	7.6	4.8	3.1	2.2
10	0.90	0.80	40	3.9	12	6.6	13	18	7.5	4.8	2.9	2.3
11	0.90	1.0	35	3.8	11	8.1	34	17	7.2	4.7	2.7	2.2
12	0.90	1.0	30	3.6	11	35	22	17	7.6	4.6	2.6	2.2
13	0.90	0.90	27	3.6	10	89	19	16	7.3	4.5	2.5	2.3
14	0.90	1.0	23	3.6	10	49	18	15	7.0	4.6	2.4	2.5
15	0.90	1.0	17	3.3	10	31	17	14	6.6	4.5	2.5	2.4
16	0.80	0.90	15	3.2	9.5	24	17	14	6.6	4.5	2.7	2.4
17	0.70	1.0	13	3.0	9.5	19	16	14	6.8	4.5	2.5	2.4
18	0.70	1.3	12	2.9	9.5	18	32	14	6.6	4.2	2.5	2.7
19	0.70	1.2	10	2.9	9.5	16	33	17	6.2	4.1	2.5	2.9
20	0.80	1.0	9.5	2.9	9.0	16	26	16	6.1	4.0	2.4	2.7
21	0.90	0.90	9.5	2.7	8.7	15	41	15	6.1	3.9	2.5	2.6
22	0.90	0.90	8.0	51	8.5	14	89	12	6.1	3.8	2.4	2.5
23	0.70	1.0	7.3	42	8.3	13	46	12	6.0	3.7	2.3	2.5
24	0.70	1.1	7.1	156	8.2	13	42	12	6.0	3.6	2.2	2.7
25	0.70	1.4	6.5	100	8.1	12	37	11	5.9	3.6	2.3	2.8
26	0.70	1.5	6.1	46	7.9	12	34	11	5.7	3.6	2.3	2.6
27	0.70	1.6	5.7	38	7.79	11	31	10	5.5	3.4	2.1	2.4
28	0.80	1.7	4.7	30	7.6	11	30	10	5.6	3.4	2.0	2.5
29	0.70	1.7	4.6	27		10	27	10	5.6	3.4	1.9	2.4
30	0.70	1.8	5.1	26		10	25	9.9	5.6	3.2	1.9	2.3
31	0.60		5.1	24		14		12		3.2	1.9	
	25.00	66.10	1,625.2	619.2	311.0	507.8	791	471.9	205.2	134.2	79.4	73.7
MEAN	.81	2.20	52.4	20.0	11.1	16.4	26.4	15.2	6.84	4.33	2.56	2.46
ACRE-FEET	50.	131.	3,220.	1,230.	617.	1,010.	1,570.	936.	407.	266.	157.	146.

Remarks:

YEAR OR PERIOD MEAN 13.5
ACRE-FEET 9,740.

STATION F 350–R

LIMEKILN CREEK above Aliso Creek

LOCATION: LAT. 34°13' 57", LONG. 118° 33' 02", ON RIGHT (SOUTH) BANK, 1600 FEET ABOVE ALISO CREEK AND ONE MILE WEST OF NORTHRIDGE. ELEVATION OF ZERO GAGE HEIGHT 800.37 FEET.

DRAINAGE AREA: 10.3 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL– RECTANULAR CONCRETE,24 FEET WIDE BY 11.5 FEET DEEP. CONTROL – FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE 10 FEET ABOVE GAGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: AT STATION F149–R, DEVONSHIRE STREET, NOVEMBER 9, 1939 TO DECEMBER 26, 1961 (SEE REMARKS); AT STATION F350–R DECEMBER 26, 1961 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 1860 SECOND-FEET NOVEMBER 17.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1966–67
MAXIMUM: 1060 SECOND-FEET JANUARY 22.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1939–67
MAXIMUM: 1860 SECOND-FEET NOVEMBER 17, 1965.
MINIMUM: NO FLOW MOST OF EARLIER YEARS.

ACCURACY: GOOD

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: RECORDS FOR WATER YEARS 1956–57 TO 1960–61 WERE NOT COMPLETED BECAUSE OF EXTREME SILTING CONDITIONS.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F350-R

Daily discharge, in second-feet of LIMEKILN CREEK above Aliso Creek, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	+	+	0.4	2.0	+	0.1	0.1	0.1	0.1	0.2	0.1
2	0.1			0.1	0.3		0.1	0.1	0.1	0.1	0.2	0.1
3	0.1			0.1	0.1		0.1	0.1	0.1	0.1	0.4	+
4	0.1			3.6	+		0.1	0.1	0.3	0.1	0.3	0.1
5	0.1			0.2	+		0.1	0.1	0.1	0.1	0.3	0.1
6	0.1			0.1	35		0.2	0.1	0.1	0.4	0.4	0.1
7	0.1	+		0.1	0.4		0.1	0.1	0.1	0.4	0.4	0.1
8	+	0.1	+	0.4	+		0.1	+	0.1	0.2	0.3	0.2
9	+	0.1	0.1	0.4			0.1	2.4	0.1	0.1	0.4	0.2
10	0.3	0.1	3.8	0.5			0.1	0.1	0.3	0.2	0.4	0.1
11	0.2	+	+	0.6			+	+	0.1	0.2	a 0.4	0.1
12	0.2	+	3.0	0.4			0.1		0.2	0.4	0.4	0.3
13	0.2	+	0.1	0.4		+	0.1		0.2	0.3	0.3	0.4
14	0.1	18.9	4.2	0.3		0.1	+	+	0.2	0.1	0.3	0.2
15	0.1	32	0.1	0.2		+	+	0.1	0.1	0.1	0.3	0.3
16	0.1	132	+	0.1			0.1	+	0.1	0.1	0.2	0.3
17	0.1	184		+	+		0.1	0.1	0.1	0.1	a 0.2	0.4
18	0.1	19.9		0.1	0.1		+	0.1	0.1	0.1	0.2	1.4
19	0.1	2.8		0.1	+		0.1	0.1	0.1	0.2	0.2	0.1
20	0.1	+		0.1			0.1	0.1	0.2	0.2	0.2	+
21	0.1	+	+	+			0.1	+	0.1	0.4	0.1	+
22	0.1	138	0.2	0.1			0.4	0.1	0.4	0.3	0.1	0.1
23	0.1	14.1	+	0.1		+	b 0.1	0.1	0.3	0.2	0.3	0.2
24	0.1	52		+		1.3	0.1	0.1	0.1	0.2	0.1	0.3
25	0.1	11.1		0.1		0.1	0.1	0.1	0.1	0.3	0.2	0.3
26	0.1	0.4		0.1		+	0.1	0.1	0.1	0.3	0.2	0.2
27	0.1	0.4	+	0.1			0.1	0.1	0.1	0.2	0.2	0.3
28	0.1	0.4	0.3	0.1	+	+	b 0.1	0.2	0.1	0.1	0.5	0.4
29	0.1	+	164	0.1		0.1	+	0.1	0.1	0.2	0.2	1.8
30	0.1	3.7	3.5	29		+	0.1	0.1	0.4	0.3	0.1	+
31	+		1.6	0.4		0.1		0.1		0.2	0.1	
	3.4	610.0	180.9	38.3	37.9	1.7	2.9	4.8	4.6	6.3	8.1	8.2
MEAN	0.11	20.3	5.84	1.24	1.35	0.05	0.10	0.15	0.15	0.20	0.26	0.27
ACRE-FEET	6.7	1,210.	359.	76.	75.	3.4	5.8	9.5	9.1	12.	16.	16.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 2.49
ACRE-FEET 1,800.

FORM Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F350-R

Daily discharge, in second-feet of LIMEKILN CREEK above Aliso Creek, for the year ending September 30, 1967

Day	Oct	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	+	+	+	0.1	+	9.1	+	+	0.1	+	0.1
2	0.2	0.2	23		0.2		+			0.2		0.2
3	0.2	0.2	61		+		+			0.1		+
4	0.2	0.2	6.7				7.5			0.1		
5	0.2	0.2	92				+			0.2		
6	0.2	4.6	77				+			0.2		
7	0.1	152	2.4		+		6.0		0.1	0.1	+	+
8	0.1	0.6	0.6		0.2		+	+	+	0.2	0.1	0.1
9	0.1	+	0.1		0.2		+	1.2		0.1	0.1	+
10	0.1		+		+	+	0.6	+		+	0.1	+
11	0.1					7.2	16.0			0.2	0.2	+
12	0.1					16.8	+			0.2	0.2	0.1
13	0.2					13.0				0.4	0.2	+
14	+					1.9				0.2	0.1	0.1
15	0.2					+				+	0.2	+
16	+	+									0.2	
17	0.2	0.3					+				0.4	
18	0.1	+					9.1	+			0.2	
19	0.2	+					3.3	0.1	0.2	+	0.4	
20	0.1	20					+	+	0.4	0.1	0.2	
21	0.1	+		+			5.1	+	0.4	0.2	0.2	
22	0.1			125			7.4	0.1	0.2	0.2	1.1	
23	+			1.7			+	+	0.2	b 0.2	0.2	
24	0.1			62	+		4.1		b 0.2	b 0.2	0.2	
25	0.1			1.7	4.3		+		0.2	0.2	0.2	
26	+			0.5	0.2		+		0.1	0.1	0.1	
27	+			0.2	+		+		b 0.1	0.1	0.1	+
28	0.1			0.2	+		3.0		0.1	0.1	0.1	3.4
29	0.2			0.1		+	+		+	+	0.1	+
30	0.4	+		5.1		0.1	+		0.2	+	0.1	+
31	0.2		+	0.4		13.4		+		+	0.2	
	4.0	178.3	262.8	196.9	5.2	52.4	71.2	1.4	2.4	3.7	5.2	4.0
MEAN	0.13	5.94	8.48	6.34	0.19	1.69	2.37	0.05	0.08	0.12	0.17	0.13
ACRE-FEET	7.9	354.	521.	391.	10.	104.	141.	2.8	4.8	7.3	10.	7.9

Remarks:

YEAR OR PERIOD MEAN 2.15
ACRE-FEET 1,550.

STATION F65B-R

LITTLE DALTON CREEK above Mouth of Canyon

LOCATION: LAT. 34°10'03", LONG. 117°50'15", ON THE LEFT (EAST) BANK, 120± FEET ABOVE GLENDORA MOUNTAIN ROAD CROSSING, 0.8 MILE ABOVE MOUTH OF CANYON AND 2.6± MILES NORTHEAST OF GLENDORA. ELEVATION OF ZERO GAGE HEIGHT 1,334.38 FEET.

DRAINAGE AREA: 2.7 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - ROCK AND GRAVEL WITH WIRE RIPRAP ON SIDES; RUBBLE AND CONCRETE CHECK IN CHANNEL BOTTOM.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM BRIDGE, 122 FEET BELOW STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: F65-R - JANUARY 28, 1929 TO NOVEMBER 23, 1938.
F65B-R - NOVEMBER 30, 1938 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 280. SECOND-FEET NOVEMBER 22.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 325. SECOND FEET DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1929-67
MAXIMUM: 1,700. SECOND-FEET NOVEMBER 20, 1951.
MINIMUM: NO FLOW SEVERAL MONTHS EACH YEAR.

ACCURACY: GOOD

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F65B-R

Daily discharge, in second-feet of LITTLE DALTON CREEK above Mouth of Canyon, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	4.2	14	2.7	2.2	1.6	0.7	0.5	0.02	+	+
2	0	0	3.8	9.6	2.4	2.2	1.7	0.6	0.5	0.04	|	|
3	0	0	2.9	8.3	2.2	2.2	1.6	0.6	0.5	0.04	|	|
4	0	0	2.8	7.5	2.0	2.0	1.6	0.6	0.5	0.04	|	|
5	0	0	2.7	6.7	2.2	1.7	1.5	0.7	0.5	0.04	|	|
6	0	0	2.7	6.2	5.8	1.7	2.0	0.7	0.3	0.04	|	|
7	0	0	2.6	5.8	7.3	2.0	1.5	0.6	0.3	0.04	|	|
8	0	0	2.4	5.4	3.7	2.0	1.3	0.9	0.4	0.02	|	|
9	0	0	3.8	5.0	3.4	2.0	1.3	1.1	0.4	0.02	|	+
10	0	0	2.8	4.6	3.4	2.0	1.3	1.0	0.4	0.02	|	0
11	0	0	2.7	a 4.2	3.0	2.0	1.3	0.7	0.4	+	|	0
12	0	0	3.4	| 3.8	3.0	1.7	1.3	0.6	0.4	|	|	0
13	0	0	2.4	3.6	3.0	2.0	1.2	0.5	0.3	|	|	0
14	0	0	2.3	3.5	3.0	2.0	1.1	0.5	0.3	|	|	0
15	0	0	2.3	3.4	3.0	1.7	1.0	0.5	0.3	|	+	0
16	0	0	2.2	| 3.2	3.0	1.6	1.0	0.5	0.5	|	0	0
17	0	7.4	2.1	3.1	3.0	1.5	1.1	0.5	0.5	|	0	0
18	0	4.4	2.0	a 3.0	3.0	1.5	1.2	0.5	0.3	|	0	0
19	0	0.9	1.9	3.2	3.0	1.5	1.2	0.5	0.2	|	0	0
20	0	0.5	1.9	2.2	2.7	1.5	1.0	0.5	0.04	|	0	+
21	0	0.4	1.9	1.7	2.4	1.5	0.9	0.5	0.07	|	0	|
22	0	48	1.9	1.6	2.4	1.5	0.9	0.5	0.07	|	0	|
23	0	41	1.9	1.7	2.4	1.3	0.9	0.5	0.07	|	0	|
24	0	22	1.8	2.0	2.4	2.9	0.9	0.5	0.1	|	0	+
25	0	22	1.7	1.7	2.4	4.0	0.9	0.5	0.2	|	0	0
26	0	11	1.7	2.0	2.4	3.0	0.9	0.5	0.2	|	0	0
27	0	7.4	1.7	2.0	2.4	2.4	0.7	0.6	0.2	|	0	0
28	0	7.1	1.7	2.0	2.2	2.0	0.7	0.5	0.1	|	0	0
29	0	5.5	38	2.2		1.7	0.7	0.5	0.02	|	0	+
30	0	4.5	16	5.9		1.6	0.7	0.7	0.02	|	0	+
31	0		15	3.0		1.5		0.5		+	0	
	0	182.1	137.2	132.1	83.8	60.4	35.0	18.6	8.59	0.32	+	+
MEAN	0	6.07	4.42	4.26	2.99	1.95	1.17	0.60	0.29	0.01	+	+
ACRE-FEET	0	361.	272.	262.	166.	120.	69.	37.	17.	0.6	+	+

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 1.80
ACRE-FEET 1,300.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F65B-R

Daily discharge, in second-feet of LITTLE DALTON CREEK above Mouth of Canyon, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	0	0.1	2.7	7.4	2.7	5.3	5.8	2.7	1.9	1.6	0.8
2	|	0	0.6	2.7	6.8	2.7	4.6	5.3	2.5	1.7	0.8	0.8
3	|	0	22	2.6	6.0	2.9	4.1	4.8	2.9	1.7	0.8	0.7
4	|	0	4.2	2.5	6.0	2.9	4.6	4.8	3.3	1.7	0.8	0.7
5	|	0	26	2.5	5.8	2.7	4.6	4.8	3.3	1.7	0.8	0.7
6	|	0.5	147	2.7	5.6	2.5	5.0	5.6	3.3	1.7	0.8	0.5
7	|	3.1	34	2.5	5.6	2.3	5.8	5.3	3.3	1.6	0.8	0.4
8	|	0.8	26	2.5	5.3	2.2	4.8	4.8	3.1	1.6	0.9	0.3
9	|	0.4	15	2.3	5.0	2.2	4.3	4.8	3.3	1.5	0.9	b 0.4
10	|	0.2	11	2.3	5.0	2.2	3.9	4.8	3.1	1.3	0.8	0.4
11	|	0.2	b 10	2.2	4.3	3.3	8.5	4.8	2.9	1.3	0.8	0.2
12	|	0.1	| 8.0	2.2	4.1	6.4	4.6	4.8	2.9	1.3	0.8	0.2
13	|	0.08	| 7.0	2.2	4.1	12	4.1	4.8	2.9	1.5	0.8	0.3
14	|	0.08	6.0	2.2	4.3	7.8	4.1	4.8	2.5	1.3	0.8	0.07
15	|	0.08	b 5.0	2.2	4.3	5.0	4.6	4.6	2.3	1.3	b 0.7	0.07
16	|	0.1	4.7	2.2	3.9	4.1	4.3	4.6	2.3	1.2	| 0.7	0.08
17	|	0.2	4.5	2.0	3.9	3.7	4.1	4.6	2.3	1.2	| 0.6	0.1
18	|	0.1	4.5	2.0	3.9	3.9	6.8	4.6	2.3	1.2	| 0.6	0.2
19	|	0.1	4.3	2.0	4.1	3.9	6.0	4.6	2.2	1.0	| 0.6	0.3
20	|	0.2	4.1	2.0	3.9	3.5	5.8	4.3	2.2	1.2	| 0.6	0.3
21	|	0.2	4.0	2.2	3.3	3.5	7.8	4.3	2.0	0.8	| 0.6	0.3
22	|	0.2	3.6	10	a 3.3	3.5	14	4.3	2.0	0.9	| 0.6	0.4
23	|	0.2	3.4	6.2	a 3.3	3.3	10.0	4.1	1.9	1.0	b 0.6	0.3
24	+	0.2	3.2	25	3.3	3.1	9.7	3.7	1.9	1.2	0.6	0.3
25	0	0.2	3.2	25	3.5	3.1	9.8	3.7	1.9	1.0	0.6	0.3
26	0	0.2	3.2	11	3.3	3.1	8.0	3.5	1.9	1.2	0.6	0.5
27	0	0.1	3.0	8.5	2.9	2.9	7.7	3.3	1.9	1.2	0.6	0.6
28	0	0.1	3.0	8.0	2.7	2.9	7.7	3.3	1.7	1.3	0.5	0.6
29	+	0.1	2.9	8.0		2.9	7.1	3.3	1.9	1.5	0.5	0.6
30	+	0.08	2.8	7.7		2.7	6.6	2.9	1.9	1.5	0.4	0.6
31	0		2.7	7.4		3.7		3.5		1.6	0.3	
	0	7.82	379.0	165.5	124.9	113.6	187.3	137.2	74.6	42.1	21.9	12.02
MEAN	+	0.26	12.2	5.34	4.46	3.66	6.24	4.43	2.49	1.36	0.71	0.40
ACRE-FEET	+	16.	752.	328.	248.	225.	372.	272.	148.	84.	43.	24.

Remarks:

YEAR OR PERIOD MEAN 3.47
ACRE-FEET 2510.

STATION L1-R

LITTLE ROCK CREEK above Little Rock Dam

LOCATION: LAT. 34°27'47", LONG. 118°01'94", ON THE RIGHT (EAST) BANK, ABOUT 2 MILES ABOVE LITTLE ROCK-PALMDALE IRRIGATION DISTRICT'S DAM AND ABOUT 1,500 FEET UPSTREAM FROM SANTIAGO CREEK AND 5 MILES SOUTH OF LITTLE ROCK. ELEVATION OF ZERO GAGE HEIGHT 3,290 ± FEET.

DRAINAGE AREA: 49.2 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND, GRAVEL AND BOULDERS.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR BELOW GAGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: OCTOBER 1, 1930 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 5,240. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 1,970. SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1930-67
MAXIMUM: 17,000. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES EACH YEAR.

ACCURACY: GOOD.

OPERATION: ORIGINALLY LOCATED AND INSTALLED BY THE LITTLE ROCK-PALMDALE IRRIGATION DISTRICT. REINSTALLED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT AND OPERATED IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

74D1OM Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. L1-R

Daily discharge, in second-feet of LITTLE ROCK CREEK above Little Rock Dam, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	55	157	23	21	16	7.9	2.8	0.6	0.1	+
2	0	0	48	113	21	21	15	7.3	2.8	0.6	0.1	
3	0	0	42	98	20	19	15	6.7	2.2	0.6	0.1	
4	0	0	37	96	19	19	14	6.2	2.2	0.6	0.1	
5	0	0	33	95	19	18	14	5.6	2.2	0.6	0.1	
6	0	0	30	90	60	18	14	5.6	2.2	0.6	0.1	+
7	0	0	26	84	68	18	14	5.0	1.7	0.6	0.1	0
8	0	0	24	69	53	19	13	5.6	2.2	0.6	+	0
9	0	0	25	64	43	19	13	6.2	3.4	0.6		0
10	0	0	32	58	41	19	13	7.3	2.2	0.6		0
11	0	0	30	53	40	21	13	7.3	1.7	0.6		0
12	0	0	30	46	44	21	13	6.2	1.7	0.6		0
13	0	0	29	41	42	23	12	6.2	0.6	0.6		0
14	0	0	26	37	39	23	11	6.2	1.1	0.5		0
15	0	0	28	35	34	23	11	6.2	1.1	0.4		0
16	0	18	29	33	27	23	10	6.2	0.6	0.4		0
17	0	679	26	31	27	22	10	5.6	0.6	0.3		0
18	0	528	24	30	27	21	10	5.0	0.6	0.3		0
19	0	104	23	31	26	21	11	5.0	0.6	0.2		0
20	0	54	23	29	25	20	11	5.0	1.1	0.2		0
21	0	37	23	28	25	20	11	5.6	1.1	0.2		0
22	0	912	23	27	25	20	10	5.6	1.1	0.2		0
23	0	960	23	26	25	20	9.6	5.0	1.1	0.2		0
24	0	891	22	25	27	20	9.0	5.0	1.1	0.2		0
25	0	399	22	24	26	27	8.4	4.5	1.1	0.1		0
26	0	215	22	24	26	25	8.4	3.9	0.6	0.1		0
27	0	140	23	24	24	23	8.4	3.9	0.6	0.1		0
28	0	101	23	23	22	21	8.4	3.4	0.6	0.1		0
29	0	71	1,700	22		19	8.4	3.4	0.6	0.1		0
30	0	64	798	25		17	8.4	3.4	0.6	0.1		0
31	0		234	25		16		3.4		0.1	+	
	0	5,173	3,533	1,563	898	637	343.0	169.4	42.1	11.6	0.7	+
MEAN	0	172.	114.	50.4	32.1	20.5	11.4	5.46	1.40	0.37	0.02	+
ACRE-FEET	0	10,260.	7,010.	3,100.	1,780.	1,260.	680.	336.	84.	23.	1.4	+

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 33.9
ACRE-FEET 24,530.

7SD74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. LI-R

Daily discharge, in second-feet of LITTLE ROCK CREEK above Little Rock Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	+	2.8	a 10	41	12	33	79	35	7.3	d 2.1	d 1.3
2	0	+	2.8	10	32	12	33	82	31	6.2	2.1	1.3
3	0	+	129	9.9	27	12	34	88	27	6.2	2.1	1.3
4	0	+	69	9.8	25	13	50	94	25	5.6	2.1	1.2
5	0	4.5	159	9.6	24	12	61	89	24	5.6	2.0	1.2
6	0	3.0	1,330	9.4	23	12	55	83	24	5.6	2.0	1.2
7	0	46	444	9.2	23	11	60	97	24	5.6	1.9	1.2
8	0	40	137	9.0	22	11	55	115	24	5.6	1.9	1.2
9	0	12	72	8.8	21	11	53	145	23	5.0	1.9	1.2
10	0	9.6	48	a 8.6	21	11	57	165	22	5.0	1.9	1.1
11	0	7.3	38	8.4	21	13	61	122	21	5.0	1.9	1.1
12	0	6.2	32	8.4	21	23	56	107	20	4.5	1.9	1.0
13	0	6.2	29	7.9	19	100	61	95	19	5.0	1.8	1.0
14	0	5.0	26	7.3	19	93	74	88	19	7.3	1.8	0.9
15	0	3.9	23	7.3	17	62	74	89	17	5.6	1.8	0.9
16	0	3.4	21	7.3	17	64	67	102	16	5.6	1.8	0.8
17	0	3.4	19	6.7	16	86	63	116	16	4.5	1.8	0.8
18	0	2.8	18	6.7	15	85	73	100	15	3.9	1.8	0.8
19	0	2.2	17	6.7	15	67	72	95	15	3.9	1.8	0.7
20	0	2.2	16	6.7	15	58	64	90	15	3.4	1.7	0.7
21	0	3.9	14	6.2	15	50	66	84	13	2.8	1.7	0.7
22	0	3.9	13	23	15	48	73	78	11	2.2	1.7	0.7
23	0	3.9	13	33	14	43	69	70	11	2.2	1.6	0.7
24	0	3.4	13	35	13	43	74	62	11	2.2	1.6	0.7
25	0	2.8	13	65	13	43	80	58	9.6	2.2	1.6	0.7
26	0	2.2	12	45	13	39	99	49	9.0	d 2.2	1.5	0.8
27	0	1.7	12	38	13	36	117	45	9.0	2.2	1.5	0.8
28	0	1.7	11	34	13	37	118	42	8.4	2.2	1.5	0.8
29	0	3.4	a 11	31		36	99	39	8.4	2.1	1.4	0.8
30	0	3.4	a 11	34		32	86	38	8.4	2.1	1.4	d 0.8
31	0		a 10	47		34		37		d 2.1	d 1.4	
	0	190.0	2,764.6	558.9	543	1,224	2,037	2,642	530.8	130.9	55.0	28.4
MEAN	0	6.33	89.9	18.0	19.4	39.5	67.9	85.2	17.7	4.22	1.77	0.95
ACRE-FEET	0	377.	5480.	1110.	1080.	2430.	4040.	5240.	1050.	260.	109.	56.

Remarks:

YEAR OR PERIOD MEAN 29.2
ACRE-FEET 21,230.

STATION F19-R

LITTLE TUJUNGA WASH at Foothill Boulevard

LOCATION: LAT. 34°16'28", LONG. 118°22'18", ON THE DOWNSTREAM SIDE OF FOOTHILL BOULEVARD BRIDGE, 4 MILES EAST OF SAN FERNANDO. ELEVATION OF ZERO GAGE HEIGHT 1,068.67 FEET.

DRAINAGE AREA: 21.0 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND AND SILT.
CONTROL - CONCRETE WALL BELOW GAGE.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTHILL BOULEVARD BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: DECEMBER 26, 1928 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1,300. SECOND-FEET NOVEMBER 24.
MINIMUM: NO FLOW MOST OF YEAR.

1966-67
MAXIMUM: 901. SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW MOST OF YEAR.

1928-67
MAXIMUM: 6,500. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW MOST OF EACH YEAR.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F19-R

Daily discharge, in second-feet of LITTLE TUJUNGA WASH at Foothill Boulevard, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	10	43	+	+	0	0	0	0	0	0
2	0	0	9.0	36	|	|	0	0	0	0	0	0
3	0	0	b 7.0	30	|	|	0	0	0	0	0	0
4	0	0	| 4.0	23	+	|	0	0	0	0	0	0
5	0	0	2.0	16	0	+	0	0	0	0	0	0
6	0	0	1.0	13	12	0	0	0	0	0	0	0
7	0	0	| 0.4	9.9	5.0	0	0	0	0	0	0	0
8	0	0	b 0.2	8.3	3.0	0	0	0	0	0	0	0
9	0	0	2.4	6.7	2.4	+	0	0	0	0	0	0
10	0	0	1.7	5.0	2.4	|	0	0	0	0	0	0
11	0	0	0.1	3.5	2.2	|	0	0	0	0	0	0
12	0	0	1.7	2.1	b 2.0	|	0	0	0	0	0	0
13	0	0	0.6	2.1	| 1.8	|	0	0	0	0	0	0
14	0	0	0.8	1.5	1.7	|	0	0	0	0	0	0
15	0	0	+	1.5	1.6	|	0	0	0	0	0	0
16	0	1.4	0	1.5	1.5	|	0	0	0	0	0	0
17	0	67	0	1.4	1.2	+	0	0	0	0	0	0
18	0	38	0	1.2	0.9	0.1	0	0	0	0	0	0
19	0	1.3	0	1.0	b 0.4	b 0.1	0	0	0	0	0	0
20	0	b 0.9	0	0.8	+	0.1	0	0	0	0	0	0
21	0	b 0.9	0	0.6	|	0.1	0	0	0	0	0	0
22	0	340	0	0.4	|	0.2	0	0	0	0	0	0
23	0	150	0	0.2	|	0.2	0	0	0	0	0	0
24	0	355	0	0.2	|	0.1	0	0	0	0	0	0
25	0	b106	0	0.2	|	0.1	0	0	0	0	0	0
26	0	48	0	0.2	|	0.1	0	0	0	0	0	0
27	0	32	0	0.1	|	b 0.1	0	0	0	0	0	0
28	0	25	0	+	|	+	0	0	0	0	0	0
29	0	13	298	+	+	|	0	0	0	0	0	0
30	0	10	64	5.0	|	|	0	0	0	0	0	0
31	0		b 50	+		+		0		0	0	
	0	1,188.5	452.9	214.4	38.1	1.2	0	0	0	0	0	0
MEAN	0	39.6	14.6	6.92	1.36	0.04	0	0	0	0	0	0
ACRE-FEET	0	2,360.	898.	425.	76.	2.4	0	0	0	0	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 5.19
ACRE-FEET 3,760.

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LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F19-R

Daily discharge, in second-feet of LITTLE TUJUNGA WASH at Foothill Blvd., for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	2.4	0	b 8.4	20	3.8	0	0	0
2	0	0	+	0	1.7	0	| 8.3	19	3.5	0	0	+
3	0	0	46	0	0.8	0	| 8.2	17	3.5	0	0	0
4	0	0	9.5	0	+	0	| 8.1	16	3.2	0	0	0
5	0	0	156	0	+	0	8.0	14	3.2	0	0	0
6	0	0	359	0	+	0	| 11	14	3.2	0	0	0
7	0	13	59	0	+	0	| 14	14	2.5	0	0	0
8	0	0	22	0	+	0	| 17	13	2.5	0	0	0
9	0	0	7.5	0	+	0	| 19	13	2.5	0	0	0
10	0	0	3.5	0	+	0	| 22	13	3.0	0	0	0
11	0	0	2.5	0	+	|	| 24	11	2.5	0	0	0
12	0	0	2.1	0	0	24	| 21	9.0	2.1	0	0	0
13	0	0	1.1	0	0	43	| 19	8.5	2.5	0	0	0
14	0	0	+	0	0	37	| 17	8.0	3.0	0	0	0
15	0	0	+	0	0	b 20	| 15	8.0	+	0	0	0
16	0	0	+	0	0	| 19	| 13	7.0	0	0	0	0
17	0	0	0	0	0	| 18	b 11	7.0	0	0	0	0
18	0	0	0	0	0	| 16	38	6.5	0	0	0	0
19	0	0	0	0	0	| 14	35	6.5	0	0	0	0
20	0	0	0	0	0	| 12	23	5.5	0	0	0	0
21	0	0	0	0	0	| 10	25	4.5	0	0	0	0
22	0	0	0	9.8	0	| 7.9	53	3.8	0	0	0	0
23	0	0	0	1.9	0	| 5.5	39	3.8	0	0	0	0
24	0	0	0	60	0	| 4.6	38	3.8	0	0	0	0
25	0	0	0	38	0	| 4.4	34	4.0	0	0	0	0
26	0	0	0	19	0	| 4.1	28	4.0	0	0	0	0
27	0	0	0	10	0	| 4.0	25	4.0	0	0	0	0
28	0	0	0	8.0	0	| 3.8	28	4.2	0	0	0	0
29	0	0	0	5.0	|	| 3.6	27	4.2	0	0	0	0
30	0	0	0	4.0	|	b 3.4	24	4.2	0	0	0	0
31	0		0	2.2	|	16		4.2		0	0	
	0	13.0	667.2	156.9	4.9	270.3	661.0	274.7	41.0	0	0	0
MEAN	0	0.43	21.5	5.06	0.18	8.72	22.0	8.86	1.37	0	0	+
ACRE-FEET	0	26.	1320.	311.	9.7	536.	1310.	545.	81.	0	0	+

Remarks:

YEAR OR PERIOD MEAN 5.72
ACRE-FEET 4140.

STATION F356-R

LIVE OAK CREEK below Live Oak Dam

LOCATION: LAT. 34° 07' 58", LONG. 117° 44' 40", ON RIGHT (WEST) BANK, 0.5 MILE ABOVE MOUTH OF CANYON AND 100 FEET BELOW LIVE OAK DAM, ABOUT 2.5 MILES NORTHEAST OF LA VERNE. ELEVATION OF ZERO GAGE HEIGHT 1427.01.

DRAINAGE AREA: 2.28 SQUARE MILES. (SEE REGULATION)

CHANNEL AND CONTROL: FOUR FOOT SAN DIMAS TYPE FLUME SIX FEET DEEP.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION – LIVE OAK DAM: SPILLWAY FLOWS ENTER CANYON BELOW STATION AND ARE NOT INCLUDED IN THESE RECORDS.
DIVERSION – NONE

RECORDS AVAILABLE: AT STATION F356-R NOVEMBER 29, 1963 TO SEPTEMBER 30, 1967. F31-R, LIVE OAK CREEK NEAR MOUTH OF CANYON, PRIOR RECORDS BEGINNING JANUARY 1928.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 6.1 SECOND-FEET MARCH 1.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 194 SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES

1928-67
MAXIMUM: 257 SECOND-FEET MARCH 2, 1938. (STATION F31-R)
MINIMUM: NO FLOW MOST OF EACH YEAR.

ACCURACY: EXCELLENT.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

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LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F356-R

Daily discharge, in second-feet of LIVE OAK CREEK below Live Oak Dam, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	0	0	0	0	6.1	0	e 0.09	e 0.1	e 0.05	e 0.02	e 0.02
2	0	0	2.0	0	0	5.0	0	0.08	0.1	0.05	0.02	0.02
3	0	0	3.2	1.6	0	3.8	0	0.07	0.1	0.05	0.02	0.02
4	0	0	3.1	4.8	0	2.9	0	0.06	0.1	0.05	0.02	0.02
5	0	0	3.1	3.8	0	1.6	0	0.06	0.1	0.05	0.02	0.01
6	0	0	2.9	3.8	0	1.0	0	0.06	0.1	0.05	0.02	0.01
7	0	0	3.1	3.6	0	0.6	0	0.06	0.1	0.05	0.02	0.01
8	0	0	4.2	3.6	0	0.3	0	0.07	0.1	0.05	0.02	0.01
9	0	0	3.4	3.1	0	0.3	0	0.07	0.1	0.05	0.02	0.01
10	0	0	2.4	3.1	0	0.4	0	0.07	0.09	0.05	0.02	0.01
11	0	0	+	3.1	0	0.4	0	0.07	0.08	0.05	0.03	0.01
12	0	0	|	3.1	0	0.3	0	0.07	0.07	0.05	0.03	0.01
13	+	0	|	2.9	0	0.3	0	0.07	0.06	0.05	0.03	0.02
14	|	0	|	2.2	0	0.1	0	0.07	0.06	0.05	0.03	0.02
15	|	0	|	+	0	0.1	e 0.05	0.06	0.05	0.04	0.03	0.02
16	|	0	|	|	0	0.1	0.05	0.06	0.05	0.04	0.03	0.02
17	|	0	|	|	0	0.1	0.05	0.06	0.05	0.03	0.02	0.02
18	+	0	|	+	0	0.1	0.05	0.06	0.05	0.03	0.02	0.02
19	0	0	|	0	0	0.1	0.05	0.07	0.05	0.03	0.02	0.02
20	0	0	|	0	0	0.1	0.05	0.07	0.05	0.03	0.02	0.02
21	0	0	|	0	0	0.1	0.05	0.08	0.05	0.03	0.02	0.02
22	0	0	|	0	0	0.1	0.2	0.08	0.05	0.03	0.02	0.02
23	0	1.0	|	0	0	0.1	0.2	0.09	0.05	0.03	0.02	0.02
24	0	+	|	+	0	0.1	0.2	0.09	0.05	0.03	0.02	0.02
25	0	1.8	+	|	0	0.1	0.2	0.1	0.05	0.03	0.02	0.02
26	0	2.5	0	|	0	0.1	0.2	0.1	0.05	0.03	0.02	0.01
27	0	+	0	|	0	0.1	0.2	0.1	0.05	0.03	0.02	0.01
28	0	0	0	+	3.8	0.1	0.1	0.1	0.05	0.03	0.02	0.01
29	0	0	0	0		0.1	0.1	0.1	0.05	0.03	0.02	0.01
30	0	0	0	0		0.1	e 0.1	0.1	e 0.05	0.03	0.02	e 0.01
31	0		0	0				e 0.1		e 0.03	e 0.02	
	+	5.3	27.4	38.7	3.8	24.7	1.85	2.39	2.06	1.23	0.68	0.47
MEAN	+	0.18	0.88	1.25	0.14	0.82	0.06	0.08	0.07	0.04	0.02	0.02
ACRE-FEET	+	10.	54.	77.	7.5	49.	3.7	4.7	4.1	2.4	1.3	0.9

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.30
ACRE-FEET 215.

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LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F356-R

Daily discharge, in second-feet of LIVE OAK CREEK below Live Oak Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	+	+	0	4.0	0	0	2.4	0.4	0.5	0.1	0.4
2			+	0	3.1	0	0	2.2	0.4	0.5	0.3	0.4
3			+	0	1.8	0	0	2.2	0.4	0.6	0.2	0.4
4			+	0	1.3	0	0	2.0	0.4	0.6	0.3	0.5
5			0.5	0	1.2	0	0	2.0	0.4	0.6	0.4	0.5
6			44	0	1.0	0	0	1.8	0.4	a 0.6	0.4	0.4
7			39	0	1.0	0	0	1.8	1.0	0.5	0.3	0.3
8			12.6	0	0.9	0	0	1.8	1.3	0.5	0.3	0.1
9			9.6	0	0.6	1.8	0	1.8	1.0	0.5	0.3	0.1
10			6.0	0	0.9	2.6	0	1.8	0.9	0.4	0.3	0.1
11			4.3	0	2.0	2.6	0	1.8	0.8	0.4	0.3	0.1
12			4.3	0	0.2	2.4	0	1.6	0.8	a 0.4	0.1	0.3
13			4.3	0	0	2.2	0	1.5	0.8	0.4	0.1	0.3
14			2.6	0	0	2.9	0	1.2	0.8	0.4	0.1	0.3
15			2.6	0	0	2.9	0	1.0	0.6	0.4	0.1	0.3
16			2.4	0	0	2.9	0	1.0	0.6	0.4	0.3	0.1
17			2.2	0	0	2.9	0	0.5	0.6	0.4	0.3	0.1
18			2.0	0	0	2.4	0.6	0.6	0.6	0.4	0.3	0.1
19			1.8	0	0	2.6	2.7	0.6	0.5	0.3	0.3	0.1
20			1.8	0	0	1.4	3.6	0.6	0.5	0.3	0.3	0.1
21			1.6	0	0	0	3.6	0.6	0.5	0.3	0.3	0.1
22			1.6	0	0	0	3.6	0.6	0.5	0.3	0.3	0.1
23			0.7	0.7	0	0	3.4	0.6	0.5	0.1	0.3	0.1
24			0	1.9	0	0	3.1	0.6	0.5	0.1	0.1	0.1
25			0	4.6	0	0	3.1	0.6	0.5	0.1	0.1	0.1
26			0	3.8	0	0	3.1	0.6	0.5	0.8	0.1	0.3
27			0	3.6	0	0	3.1	0.6	0.5	0.1	0.3	0.1
28			0	3.4	0	0	2.8	0.5	0.5	+	0.3	0.1
29			0	3.1		0	2.6	0.5	0.5	0.3	0.3	0.1
30		+	0	3.5		0	2.4	0.5	0.5	0.1	0.3	0.1
31	+		0	4.6		0		0.4		0.1	0.3	
			143.9	29.2	18.0	30.1	37.5	36.3	13.2	11.4	7.8	6.2
MEAN	+	+	4.64	0.94	0.64	0.97	1.25	1.17	0.61	0.37	0.25	0.21
ACRE-FEET	+	+	285.	58.	36.	60.	74.	72.	36.	23.	15.	12.

Remarks:

YEAR OR PERIOD MEAN 0.93
ACRE-FEET 671.

STATION 311-R

LIVE OAK WASH below 7th Street, La Verne

LOCATION: LAT.34°06'18", LONG. 117°46'13", ON LEFT (EAST) WALL OF CHANNEL, BELOW 7TH STREET IN THE CITY OF LA VERNE. ELEVATION OF ZERO GAGE HEIGHT 1049.42.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE 17.3 WIDE BY 9.8 DEEP. CONTROL - VERTICAL FACED SHARP-CRESTED WEIR WITH END CONTRACTIONS SUPPRESSED.

DISCHARGE MEASUREMENTS: FROM FOOTBRIDGE BELOW WEIR FOR RATING WEIR.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965. TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - METROPOLITAN WATER DISTRICT'S DELIVERY LINE INTO CHANNEL ABOVE STATION.
DIVERSION - NONE.

RECORDS AVAILABLE: JULY 7, 1954 TO SEPTEMBER 30, 1967 DURING PERIODS OF METROPOLITAN WATER DISTRICT DELIVERY.

ACCURACY: EXCELLENT

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: THIS STATION AND WEIR INSTALLED TO DETERMINE THE QUANTITY OF IMPORTED WATER DELIVERED TO PUDDINGSTONE RESERVOIR. RECORD AS PUBLISHED IS DELIVERED WATER ONLY AND DOES NOT INCLUDE LOCAL WATER OR STORM FLOWS. NO IMPORTED WATER FOR WATER YEAR 1966-67.

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LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F311-R

Daily discharge, in second-feet of LIVE OAK WASH at 7th and B Street - La Verne, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	212.0	0	0	0	0	0	0	0	0	0
2	0	0	212.0	0	0	0	0	0	0	0	0	0
3	0	0	212.0	0	0	0	0	0	0	0	0	0
4	0	0	212.0	0	0	0	0	0	0	0	0	0
5	0	0	212.0	0	0	0	0	0	0	0	0	0
6	0	0	212.0	0	0	0	0	0	0	0	0	0
7	0	0	175.8	0	0	0	0	0	0	0	0	0
8	0	0	143.0	0	0	0	0	0	0	0	0	0
9	0	0	76.5	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	45.4	0	0	0	0	0	0	0	0	0	0
23	0	90.7	0	0	0	0	0	0	0	0	0	0
24	0	90.7	0	0	0	0	0	0	0	0	0	0
25	0	90.7	0	0	0	0	0	0	0	0	0	0
26	0	140.1	0	0	0	0	0	0	0	0	0	0
27	0	212.0	0	0	0	0	0	0	0	0	0	0
28	0	212.0	0	0	0	0	0	0	0	0	0	0
29	0	212.0	0	0		0	0	0	0	0	0	0
30	0	212.0	0	0		0	0	0	0	0	0	0
31	0		0	0		0		0		0	0	
	0	1305.6	1667.3	0	0	0	0	0	0	0	0	0
MEAN	0	43.5	53.8	0	0	0	0	0	0	0	0	0
ACRE-FEET	0	2,589.6	3,307.0	0	0	0	0	0	0	0	0	0

Remarks:

YEAR OR PERIOD MEAN 8.14
ACRE-FEET 5,896.6

STATION E5C-R

LOS ANGELES RIVER below Sepulveda Dam

LOCATION: LAT. 34°09'42", LONG. 118°27'57", ON THE RIGHT (SOUTH) BANK OF THE OUTLET CHANNEL OF SEPULVEDA DAM, 200 FEET UPSTREAM OF SEPULVEDA BOULEVARD, 1.9 MILES SOUTHWEST OF VAN NUYS. ELEVATION OF ZERO GAGE HEIGHT 670± FEET.

DRAINAGE AREA: 158 SQUARE MILES. (REVISED)

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR, CONCRETE, 40 FEET WIDE. CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW REGULATED BY SEPULVEDA DAM. DIVERSION THE CITY OF LOS ANGELES DISCHARGES IMPORTED OWENS RIVER WATER FROM CHATSWORTH RESERVOIR INTO RIVER ABOVE STATION. (4,190. ACRE-FEET IN 1965-66 AND 2,680. ACRE-FEET IN 1966-67)

RECORDS AVAILABLE: OCTOBER 28, 1953 TO SEPTEMBER 30, 1967 AT STATIONS F5-R AND F5B-R, DECEMBER 19, 1928, TO MARCH 3, 1938 AND APRIL 18, 1938 TO MARCH 27, 1952.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 13,000 SECOND-FEET DECEMBER 29.
MINIMUM: 3.6 SECOND-FEET DECEMBER 18.

1966-67
MAXIMUM: 11,000. SECOND-FEET NOVEMBER 7.
MINIMUM: 3.8 SECOND-FEET NOVEMBER 25.

1929-67
MAXIMUM: 13,000 SECOND-FEET ESTIMATED DECEMBER 29, 1966.
MINIMUM: NO FLOW SEPTEMBER 19-20, 1938.

ACCURACY - GOOD.

OPERATION: RECORDS FURNISHED BY THE UNITED STATES CORPS OF ENGINEERS AND THE UNITED STATES GEOLOGICAL SURVEY. TWENTY-ONE DISCHARGE MEASUREMENTS FURNISHED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: AVERAGE DISCHARGE, 37 YEARS, 25.2 SECOND-FEET.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E5C-R

Daily discharge, in second-feet of LOS ANGELES RIVER below Sepulveda Dam, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	36	26	12	54	78	18	32	26	12	6.4	10	8.5
2	34	30	11	30	34	18	30	27	12	6.4	9.7	9.1
3	33	32	9.7	24	12	17	30	26	14	6.4	8.5	9.1
4	30	33	7.4	22	9.7	16	32	22	14	6.4	9.7	9.1
5	27	25	6.9	20	10	12	28	9.1	14	6.4	9.7	9.1
6	30	9.7	9.7	16	861	12	30	9.1	15	9.1	9.1	9.7
7	28	9.1	7.4	14	69	12	30	9.1	13	10	8.5	9.7
8	30	9.7	7.9	12	24	12	30	9.1	12	11	9.7	9.7
9	30	12	40	11	13	13	30	52	7.4	11	10	9.7
10	30	11	198	11	14	12	30	11	9.1	9.7	10	9.1
11	27	13	9.1	10	11	16	28	7.9	9.1	10	9.7	9.1
12	28	14	69	8.5	10	30	33	9.1	9.1	10	9.7	9.1
13	30	12	8.5	7.9	9.7	30	33	9.7	11	11	9.7	9.1
14	28	495	132	14	11	30	33	9.1	12	12	10	19
15	26	982	9.1	8.5	11	32	34	9.7	9.1	11	10	18
16	27	1,960	4.2	5.9	10	32	36	11	8.5	11	10	19
17	28	3,670	4.6	6.9	10	32	34	12	8.5	10	10	19
18	26	569	3.8	7.4	13	32	34	12	7.9	11	9.7	45
19	25	247	4.2	9.1	13	28	33	14	7.4	11	9.1	14
20	26	68	6.4	9.1	9.1	28	33	14	6.9	11	9.1	9.1
21	28	13	9.1	9.1	9.7	30	32	14	6.4	10	7.4	18
22	30	3,820	19	10	8.5	30,	28	13	6.4	10	7.9	17
23	26	811	9.7	11	13	22	26	13	6.4	10	9.1	16
24	26	1,410	8.5	11	16	45	26	15	5.9	10	9.7	17
25	25	335	7.4	11	15	45	28	16	5.9	10	10	18
26	26	42	6.9	10	14	28	28	14	6.4	10	10	18
27	27	19	7.4	8.5	13	28	27	14	6.4	10	10	18
28	27	12	18	8.5	15	28	26	13	6.9	10	10	21
29	26	11	6,570	8.5		30	27	13	6.9	10	11	38
30	26	21	322	985		32	26	12	6.9	10	11	32
31	26		106	20		32		12		10	10	
	872	14,721.5	7,644.9	1,393.9	1,336.7	782	907	457.9	276.5	300.8	298.0	476.2
MEAN	28.1	491.	247.	45.0	47.7	25.2	30.2	14.8	9.22	9.70	9.61	15.9
ACRE-FEET	1,730.	29,200	15,160.	2,760.	2,650.	1,550.	1,800.	908.	548.	597.	591.	945.

Remarks:

YEAR OR PERIOD MEAN 80.7
ACRE-FEET 58,450.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E5C-R

Daily discharge, in second-feet of LOS ANGELES RIVER below Sepulveda Dam, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	30	34	5.4	5.4	15	13	315	6.9	7.9	8.5	6.4	23
2	28	36	271	5.0	12	8.5	26	6.4	5.9	7.9	6.4	11
3	27	38	1,150	6.9	6.9	8.5	16	6.9	6.9	7.9	6.4	6.4
4	27	40	31	5.9	4.6	8.5	203	6.9	5.9	7.9	7.4	5.9
5	28	40	1,420	5.9	5.0	6.9	22	15	5.4	7.9	7.4	5.9
6	30	44	1,630	9.8	5.0	6.9	5.4	33	5.4	7.9	6.4	8.5
7	30	4,160	129	5.4	6.9	6.9	126	33	5.0	7.9	6.4	9.1
8	30	57	24	5.0	9.7	6.9	14	34	5.0	6.9	6.4	9.7
9	30	15	12	5.9	5.9	6.9	12	52	5.4	6.9	6.4	9.1
10	28	11	5.9	9.7	5.4	6.9	16	36	7.4	6.9	7.4	7.9
11	27	7.9	5.0	11	5.0	111	445	9.1	8.5	6.9	8.5	8.5
12	27	7.9	8.6	7.4	5.0	571	16	15	9.1	7.4	7.4	8.5
13	27	7.9	8.4	5.9	5.0	323	6.9	30	9.1	7.9	7.9	7.9
14	26	7.4	6.4	5.9	5.9	84	5.0	30	9.1	7.9	7.9	7.9
15	27	8.5	5.0	5.9	6.4	8.5	5.0	30	9.7	7.9	8.5	7.9
16	27	11	5.0	6.9	5.0	7.4	5.0	33	9.7	7.9	8.5	6.4
17	32	9.1	5.4	15	5.0	8.5	5.0	34	9.1	7.4	7.4	5.9
18	34	7.4	4.6	8.5	5.0	7.9	275	36	9.1	7.4	8.5	6.9
19	38	7.4	4.6	6.9	5.0	7.9	64	28	9.1	7.4	8.5	7.4
20	38	289	5.8	6.4	5.0	7.4	14	8.5	9.1	7.4	7.9	7.4
21	38	20	9.8	5.9	5.4	9.5	134	8.5	9.1	7.4	8.5	7.4
22	36	10	6.9	2,140	5.0	25	155	8.5	9.1	6.9	8.5	7.4
23	34	11	5.0	82	5.4	24	10	7.9	8.5	6.9	8.5	6.9
24	33	5.0	5.0	1,100	5.0	24	120	7.9	7.9	6.9	8.5	6.4
25	36	3.8	4.6	45	75	25	15	8.5	7.9	6.9	9.1	8.5
26	33	4.2	4.6	20	5.9	25	26	7.9	7.9	6.9	9.1	8.5
27	28	4.2	5.0	10	6.4	25	26	7.4	8.5	6.4	9.1	7.9
28	27	5.0	5.4	5	7.4	26	108	7.4	8.5	6.4	9.1	74
29	28	5.4	9.7	5		25	15	7.4	9.1	6.4	9.1	37
30	30	4.6	5.9	150		25	6.9	7.4	9.1	6.4	9.7	5.4
31	32		5.4	25		316		8.5		6.4	12	
	946	4,911.7	4,803.4	3,732.6	244.2	1,765.0	2,212.2	571.0	237.4	226.0	249.2	340.6
MEAN	30.5	164.	155.	120.	8.72	56.9	73.7	18.4	7.91	7.29	8.04	11.4
ACRE-FEET	1,880.	9,740.	9,530.	7,400.	484.	3,500.	4,390.	1,130.	471.	448.	494.	676.

Remarks:

YEAR OR PERIOD MEAN 55.4
ACRE-FEET 40,140.

STATION F299-R

LOS ANGELES RIVER at Radford Avenue

LOCATION: LAT. 34°08'51", LONG. 118°23'27", ON THE LEFT (NORTH) WALL, 120 FEET BELOW RADFORD AVENUE BRIDGE, STUDIO CITY. ELEVATION OF ZERO GAGE HEIGHT 572.44 FEET.

DRAINAGE AREA: 176. SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR, CONCRETE, 60 FEET WIDE BY 15 FEET DEEP.
CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS ARE NOT MEASURED.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1945 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW REGULATED BY SEPULVEDA DAM.

RECORDS AVAILABLE: FEBRUARY 21, 1950 TO SEPTEMBER 30, 1967.

OPERATION: LOCATED AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES CORPS OF ENGINEERS.

REMARKS: FOR HYDRAULIC STUDIES ONLY. DAILY FLOWS ARE NOT COMPUTED.

STATION F300-R

LOS ANGELES RIVER at Tujunga Avenue

LOCATION: LAT. 34° 08'28", LONG. 118° 22'42", ON THE LEFT (NORTH) WALL, 200FEET ABOVE TUJUNGA AVENUE BRIDGE, STUDIO CITY. ELEVATION OF ZERO GAGE HEIGHT 549.08.

DRAINAGE AREA: 401 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 120 FEET WIDE BY 15 FEET DEEP WITH RECTANGULAR INVERT 12 FEET WIDE AND 3.17 FEET DEEP.
CONTROL - INVERT HAS VENTURI SECTION 30 FEET DOWNSTREAM.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965. TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: SAME AS E5C-R AND F105 B-R

RECORDS AVAILABLE: MAY 8, 1950 TO SEPTEMBER 30, 1967

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 20,470 SECOND-FEET DECEMBER 29.
MINIMUM: 6.4 SECOND-FEET JULY 5.

1966-67
MAXIMUM: 21,010 SECOND-FEET NOVEMBER 7.
MINIMUM:4.6 SECOND-FEET NOVEMBER 27.

1950-67
MAXIMUM: 21,010. SECOND-FEET NOVEMBER 7, 1966
MINIMUM: 2.1 SECOND-FEET JANUARY 11,1962.

ACCURACY: GOOD

OPERATION: LOCATED AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES CORPS OF ENGINEERS.

7ADT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F300-R

Daily discharge, in second-feet of LOS ANGELES RIVER at Tujunga Avenue, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	35	30	18.4	b 436	95	15.4	33	29	12.0	9.3	14.4	10.9
2	34	31	12.3	250	53	15.4	36	29	11.8	9.1	15.0	12.0
3	35	32	61	178	13.5	13.7	31	29	13.5	9.1	13.5	12.5
4	35	31	12.3	146	12.5	23	32	28	13.5	8.4	14.7	12.0
5	34	28	8.9	122	11.8	13.2	32	15.2	14.0	8.2	14.4	11.6
6	36	9.5	12.0	104	1,130	13.5	32	14.4	14.4	11.1	13.2	12.0
7	35	8.4	10.4	86	86	14.0	32	13.5	13.2	13.7	12.0	12.0
8	34	8.4	10.6	64	25	13.7	31	14.4	10.4	14.4	14.2	11.8
9	32	9.7	153	b 21	16.4	13.5	31	124	9.3	14.2	13.5	12.0
10	31	8.2	273	15.6	15.7	13.5	33	17.3	10.2	12.0	13.0	11.1
11	31	9.5	12.5	20	14.2	15.2	34	12.0	10.4	13.2	12.8	10.6
12	31	10.2	123	12.0	12.5	32	40	12.3	9.5	12.8	12.8	10.6
13	31	8.4	12.5	11.6	11.6	32	32	12.0	11.8	13.0	12.5	10.6
14	31	621	162	15.9	12.8	32	31	12.0	13.5	14.4	13.0	18.9
15	31	1,170	18.2	11.8	14.8	33	32	12.0	11.3	14.4	14.4	21
16	31	2,420	10.9	15.2	15.2	33	33	12.8	10.2	13.2	14.4	20
17	31	5,170	9.7	10.2	22	32	31	13.0	10.0	13.0	15.2	20
18	30	b 468	8.7	11.8	14.4	32	32	13.0	9.7	13.5	15.2	110
19	30	b 36	9.1	12.3	13.7	32	31	13.5	10.6	14.4	14.2	34
20	31	12.3	11.1	19.9	10.6	32	32	13.0	10.2	14.7	13.2	18.9
21	34	8.2	14.2	10.2	11.3	32	31	13.0	10.2	15.2	11.6	28
22	35	5,570	21	11.3	10.9	33	30	11.6	11.3	15.2	13.0	24
23	33	3,360	14.4	13.3	16.7	28	28	11.6	11.8	14.4	14.0	24
24	32	4,340	12.8	12.8	13.5	113	28	12.3	11.3	14.4	15.2	24
25	31	866	12.0	12.3	14.4	74	30	13.7	10.2	14.7	15.4	24
26	31	b 37	11.1	12.5	13.0	31	30	12.3	10.2	15.7	15.2	24
27	32	b 27	11.6	12.8	13.0	30	31	11.6	10.2	15.0	13.0	23
28	32	b 17.8	31	9.3	15.0	33	28	12.0	10.4	15.4	12.8	26
29	31	22	8,990	13.4		32	28	13.2	9.3	15.7	12.3	60
30	30	24	984	1,340		32	28	11.1	10.6	15.0	13.2	36
31	30		567	26		33		11.8		13.5	13.5	
	1,000	24,390.6	11,618.7	3,037.2	1,708.5	925.1	943	573.6	335.0	410.3	424.8	685.5
MEAN	32.3	813.	375.	98.0	61.0	29.8	31.4	18.5	11.2	13.2	13.7	22.8
ACRE-FEET	1,980.	48,380.	23,050.	6,020.	3,390.	1,830.	1,870.	1,140.	664.	814.	843.	1,360.

Remarks:

YEAR OR PERIOD MEAN 126.
ACRE-FEET 91,340.

7ADT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F300-R

Daily discharge, in second-feet of LOS ANGELES RIVER at Tujunga Avenue, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	33	39	7.4	8.0	21	16.5	485	30	13.7	12.5	11.8	112
2	32	40	367	7.6	25	14.2	60	26	10.2	12.0	11.1	43
3	32	40	1,390	8.2	12.0	14.4	19.9	15.2	11.8	12.0	10.6	23
4	32	40	40	9.5	10.2	14.2	276	9.7	11.8	12.0	11.3	14.2
5	31	39	1,640	9.3	10.0	11.8	32	12.8	8.0	12.0	12.0	12.3
6	31	51	1,960	19.6	10.0	12.3	12.5	35	10.7	11.3	10.9	14.4
7	31	5,860	181	17.5	10.4	14.2	245	28	9.9	11.3	10.0	14.0
8	31	104	40	14.7	15.7	12.5	23	29	8.9	11.6	9.5	15.4
9	32	14.4	16.3	13.0	12.2	12.5	17.5	48	8.4	11.3	10.4	14.0
10	33	10.4	13.4	18.9	13.0	13.0	28	43	10.4	10.6	10.6	12.8
11	33	8.0	17.2	16.4	12.5	195	760	12.5	11.6	12.8	11.8	12.3
12	34	7.8	13.9	11.8	12.5	1,060	23	17.1	13.2	12.8	11.1	13.2
13	32	6.6	12.0	10.4	12.5	465	13.3	32	11.3	12.3	11.8	11.8
14	32	5.9	11.0	9.7	12.3	130	9.3	32	10.9	15.7	11.3	12.5
15	33	6.6	12.3	9.3	13.7	21	14.8	34	12.8	12.5	11.8	12.3
16	33	8.7	11.3	9.7	11.8	10.9	17.5	37	13.2	11.1	11.8	10.4
17	35	7.0	11.5	15.7	12.0	12.5	10.9	37	13.0	11.1	12.5	9.7
18	38	5.5	9.7	12.5	12.0	20	471	44	11.6	12.0	14.7	10.4
19	40	5.2	9.3	10.2	13.0	29	133	30	12.8	13.0	14.4	12.8
20	39	365	7.6	10.4	13.7	13.1	20	13.2	17.2	13.5	12.5	11.3
21	36	34	11.6	8.7	12.3	15.0	188	12.8	16.0	13.0	12.8	11.3
22	36	11.9	433	3,380	12.3	29	333	13.5	13.2	12.3	14.0	11.1
23	35	16.6	9.3	174	11.1	35	19.6	13.8	13.7	12.5	13.2	10.2
24	36	7.6	8.7	1,960	10.9	29	245	12.5	11.3	12.0	13.5	10.0
25	37	5.5	8.2	155	114	29	63	12.8	10.9	13.7	13.5	11.8
26	37	5.5	8.2	40	10.9	28	65	17.2	10.9	13.7	13.2	14.2
27	34	5.2	7.6	26	10.6	30	70	21	11.6	12.8	12.0	11.1
28	32	7.6	8.7	16.5	11.6	34	271	22	13.0	13.00	12.8	112
29	34	8.9	12.8	21		30	83	16.7	13.2	12.5	14.0	179
30	34	6.3	10.6	112		31	29	13.0	13.2	10.9	14.2	114
31	35		8.2	66		577		16.8		11.3	15.2	
	1,053.0	6,773.2	6,297.8	6,201.6	459.2	2,959.1	4,037.3	737.6	357.4	381.1	380.3	381.5
MEAN	34.0	226.	203.	200.	16.4	95.5	135.	23.8	11.9	12.3	12.3	26.0
ACRE-FEET	2,090.	13,430.	12,490.	12,300.	911.	5,870.	8,010.	1,460.	709.	756.	754.	1,540.

Remarks:

YEAR OR PERIOD MEAN 83.3
ACRE-FEET 60,320.

STATION F266–R

LOS ANGELES RIVER at Mariposa Street

LOCATION: LAT. 34° 09' 22", LONG. 118° 18' 42", ON THE LEFT (NORTH) WALL, 60± FEET EAST OF MARIPOSA STREET, EXTENDED AND ABOUT 2 MILES SOUTH OF BURBANK. ELEVATION OF ZERO GAGE HEIGHT 468.61.

DRAINAGE AREA 427. SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 130 FEET WIDE BY 18 FEET DEEP WITH TRAPEZOIDAL BOTTOM 130 FEET BY 82 FEET WIDE BY 1.1 FEET DEEP WITH 0.5 FOOT FILLETS.
CONTROL – FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM EQUESTRIAN BRIDGE 70 FEET ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SAME AS F300–R
DIVERSION – LOS ANGELES DEPARTMENT OF WATER AND POWER DIVERTS FOR SPREADING ABOUT ½ MILE ABOVE STATION.

RECORDS AVAILABLE: DECEMBER 20, 1938 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 22,500 SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966–67
MAXIMUM: 22,100 SECOND-FEET NOVEMBER 7.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1938–67
MAXIMUM: 24,300 SECOND-FEET FEBRUARY 12, 1962.
MINIMUM: NO FLOW AT TIMES WHEN FLOW IS DIVERTED.

ACCURACY: POOR

OPERATION: LOCATED AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT AND THE UNITED STATES CORPS OF ENGINEERS.

f60D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F266-R

Daily discharge, in second-feet of LOS ANGELES RIVER at Mariposa Street, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	a 4.0	7.0	b 23	467	b 115	2.0	0	b 0.3	+	b 0.1	b 0.3	b 0.5
2	4.0	5.0	15.0	329	66	b 0.3	0	0.3		0.1	0.4	0.5
3	4.0	7.0	74	213	17.0	0.3	0	0.3		0.1	0.5	0.5
4	4.0	5.0	15.0	168	15.5	0.3	0	0.3	+	0.2	0.5	0.5
5	a 4.0	7.0	10.0	123	b 14.0	0.3	0	0.3	b 0.2	0.3	0.5	0.5
6	4.0	3.0	15.0	111	1,450	0.3	0	0.3	0.5	0.4	0.5	0.8
7	5.0	2.0	15.0	105	b 105	0.3	0	0.3	0.5	0.5	0.5	0.2
8	5.0	+	15.0	92	32	0.3	0	0.3	6.0	0.3	0.5	0.5
9	2.0	3.0	200	70	19.0	0.3	0	15.0	8.0	0.2	0.5	0.8
10	2.0	3.0	320	33	18.0	0.3	0	2.0	10.0	0.2	0.5	0.5
11	2.0	3.0	16.0	25	17.0	0.3	0	1.0	8.0	0.2	0.5	0.2
12	1.0	3.0	135	19.0	b 15.0	0.3	+	0.5	4.0	0.2	0.5	0.2
13	1.0	2.0	15.0	15.0	15.0	0.3	+	0.5	2.0	0.2	0.5	0.2
14	2.0	642	172	15.0	11.0	0.3	+	0.5	2.0	0.2	0.5	0.2
15	3.0	1,160	21	9.0	11.0	0.3	0	2.0	2.0	0.2	1.0	0.2
16	1.0	2,890	b 17.0	5.0	11.0	0.3	0	1.0	0.2	0.1	1.0	0.2
17	1.0	5,140	17.0	b 0.5	13.0	0.3	0	1.0	0.5	b 0.1	2.0	b 0.2
18	2.0	673	7.0	0.5	13.0	0.3	0	1.0	0.5	+	3.0	187
19	4.0	150	11.0	0.5	11.0	0.3	0	1.0	0.5		3.0	56
20	5.0	44	9.0	1.0	9.0	0.3	0	b 1.0	0.5		1.0	b 3.0
21	25	19.0	7.0	1.0	7.0	0.3	0	0	0.5		1.0	2.5
22	11.0	3,930	11.0	0.5	7.0	0.3	0	0	0.2		0.5	2.5
23	9.0	4,200	19.0	0.5	7.0	b 0.3	0	0	0.5	+	0.5	2.0
24	11.0	3,090	17.0	0.5	7.0	162	0	0	0.5	b 0.1	0.5	2.0
25	9.0	1,070	9.0	0.5	7.0	b 82	b 0.1	0	4.0	0.1	0.5	2.0
26	5.0	b 46	3.0	0.5	5.0	0.5	0.2	0	0.5	0.2	0.5	2.0
27	5.0	34	4.0	0.5	4.0	0.5	0.3	0	0.5	0.2	0.5	1.0
28	9.0	22	10.2	0.5	2.0	0.5	0.3	0	0.5	0.2	0.5	b 1.0
29	11.0	28	8,300	b 0.5		0.3	0.3	0	0.5	0.2	0.5	66.0
30	7.0	b 30	996	1,520		b 0.2	b 0.3	0	b 0.5	0.2	0.5	23.0
31	7.0		586	b 32		0		0		b 0.2	b 0.5	
	169.0		11,084.2		2,023.5		1.5		53.6		23.7	
		27,218		3,347.5		254.6		28.9		5.0		356.7
MEAN	5.45	907.	358.	108.	72.9	8.21	0.05	0.93	1.79	0.16	0.76	11.9
ACRE-FEET	335.	53,990.	21,990.	6,630.	4,010.	505.	3.0	57.3	106.	9.9	47.	708.

Remarks: + = 0.05 CFS OR LESS

YEAR MEAN 122.
OR PERIOD ACRE-FEET 88,390.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F266-R

Daily discharge, in second-feet of LOS ANGELES RIVER at Mariposa Street, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3.0	+	10.2	b 10.8	b 22	b 3.3	d 520	b 13	3.0	2.0	+	98
2	3.0	+	483	10.4	37	0	b 80	11	4.0	+	+	49
3	3.0	2.0	1,510	11.0	14.8	0.2	b 16.0	1.0	1.0	2.0	+	25
4	3.0	4.0	50 d	12.3	13.0	0	d 290	0	2.0	2.0	0	21
5	+	3.0	1,800 d	12.1	12.8	0	b 50	0	1.0	4.0	+	23
6	+	54	2,050	22	12.8	0	b 13.3	13.0	5.0	2.0	|	11.9
7	1.0	5,100	264	20	13.2	3.0	d 260	6.0	5.0	1.0	|	0
8	1.0	77	b 50	17.5	18.5	0	b 26	2.0	11.0	+	+	1.8
9	2.0	b 17.2	19.1	15.9	15.0	0.3	b 7.3	21	3.0	+	0	+
10	2.0	13.2	16.2	22	15.9	0.8	b 13.0	40	0	1.0	+	2.5
11	1.0	10.8	20.0	19.2	15.3	b 225	d 800	7.3	+	3.0	|	7.0
12	2.0	10.6	16.7	14.6	15.3	1,160	b 24	3.0	1.0	3.0	|	5.0
13	+	9.4	14.8	13.2	15.3	638	16.1	0	2.0	2.0	|	0
14		8.7	13.8	12.5	15.1	b 160	12.1	5.0	2.0	7.0	+	0
15		9.4	15.1	12.1	16.5	25	11.6	7.0	2.0	4.0	0	0
16		11.5	14.1	12.5	14.6	3.7	20	b 5.0	3.0	0	0	0
17		9.8	14.3	18.5	14.8	0	b 3.7	a 5.0	2.0	1.0	0	0
18	+	8.3	12.5	15.3	14.8	5.0	d 550	19.0	2.0	1.0	+	+
19	1.0	b 8.0	12.1	13.0	15.8	12.0	b 150	2.0	2.0	1.0	0	0
20	+	349	10.4	b 13.2	16.5	0	b 23	3.0	7.0	1.0	0	3.7
21	1.0	26	b 14.4	11.5	15.1	0	b 220	2.0	7.0	+	+	0
22	+	b 14.7	453	3,320	15.1	0	d 400	2.0	1.0	|	+	1.7
23	+	19.4	b 12.1	213	13.9	2.0	b 22	1.0	1.0	|	0	0
24	1.0	10.4	11.5	2,240	b 13.7	0	d 260	1.0	1.0	|	0	0
25	1.0	8.3	11.0	216	116	0	b 70	1.0	+	+	0	0.6
26	1.0	8.3	11.0	b 50	b 13.7	0	b 47	3.0	1.0	0	0	6.4
27	1.0	8.0	10.4	35	b 13.4	3.0	b 35	4.0	3.0	0	0	0
28	+	10.4	11.5	20	b 6.4	4.0	d 220	4.0	5.0	0	0	127
29	+	11.7	15.6	25		0	d 100	1.0	2.0	+	+	175
30	+	b 9.1	b 13.4	125		b 2.0	b 22	0	3.0	0	+	17.0
31	+		11.0	b 80		F 685		3.0		0	+	
	27.0		7,001.2		536.2		4,282.1		82.0			
		5,832.2		6,633.5		2,933.3		185.3		37.0		575.6

MEAN	0.87	194.	226.	214.	19.2	94.6	143.	5.98	2.73	1.19	+	19.2
ACRE-FEET	54.	11,570.	13,890.	13,160.	1,060.	5,820.	8,490.	370.	163.	73.	+	1,140.

Remarks:

YEAR OR PERIOD MEAN 77.1
ACRE-FEET 55,790.

STATION F57C-R

LOS ANGELES RIVER above Arroyo Seco

LOCATION: LAT. 34°04'52", LONG. 118°13'36", ON RIGHT (WEST) WALL, 800 FEET ABOVE ARROYO SECO, LOS ANGELES. ELEVATION OF ZERO GAGE HEIGHT 292.58 FEET.

DRAINAGE AREA: 511 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR, CONCRETE, 177 FEET WIDE BY 29 FEET DEEP WITH A TRAPEZOIDAL INVERT 20 FEET AT TOP, 18 FEET WIDE AT BOTTOM AND 1 FOOT DEEP.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR 15 FEET ABOVE GAGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SAME AS STATION F300-R PLUS SEVERAL DEBRIS BASINS. THE LOS ANGELES WATER DEPARTMENT DISCHARGES FROM GRIFFITH PARK, AND THE LOS ANGELES SANITATION DEPARTMENT OCCASIONALLY DISCHARGES EXCESS OF TREATED SEWAGE.
DIVERSION - SAME AS STATION F300-R.

RECORDS AVAILABLE: AT STATION F57-R - DECEMBER 1929 TO MAY 26, 1938; AT STATION 57B-R - MAY 26, 1938 TO APRIL 5, 1939, APRIL 5, 1939 TO DECEMBER 8, 1939, BI-WEEKLY MEASUREMENTS; AND AT STATION F57C-R - DECEMBER 8, 1939 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 31,970 SECOND-FEET DECEMBER 29.
MINIMUM: 0.1 SECOND-FEET AT VARIOUS TIMES.

1966-67
MAXIMUM: 32,060. SECOND-FEET NOVEMBER 7.
MINIMUM: 0.4 SECOND-FOOT AT VARIOUS TIMES IN OCTOBER.

1929-67
MAXIMUM: 68,000 SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT TIMES EACH YEAR FROM 1929-30 TO 1933-34.

ACCURACY: FAIR.

OPERATION: LOCATED AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE CORPS OF ENGINEERS AND THE UNITED STATES GEOLOGICAL SURVEY.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F57C-R

Daily discharge, in second-feet of LOS ANGELES RIVER above Arroyo Seco for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	0.2	24	448	a 17.5	5.4	0.4	0.4	0.4	0.3	0.2	0.2
2	0.2	0.2	18.4	293	a 16.5	2.8	0.5	0.4	0.4	0.3	0.2	0.3
3	0.1	0.2	34	188	a 15.6	2.8	0.4	0.4	0.4	0.3	0.2	0.3
4	0.2	0.2	27	a 163	14.9	4.7	0.4	0.4	0.4	0.3	0.2	0.3
5	0.2	0.2	6.7	138	12.2	17.4	0.4	0.4	0.4	0.3	0.2	0.3
6	0.2	0.2	7.2	134	1,480	1.2	0.4	0.4	0.4	0.3	0.2	0.3
7	0.2	0.2	10.4	115	88	0.8	0.5	0.4	0.4	0.3	0.3	0.4
8	0.2	0.2	7.7	86	50	1.2	0.5	0.4	0.4	0.3	0.4	0.4
9	0.2	0.2	515	56	21	0.6	0.5	111	0.6	0.2	0.2	0.4
10	0.2	0.2	444	14.9	16.5	0.8	0.5	37	0.8	0.3	0.2	0.4
11	0.2	0.2	18.8	30	15.6	1.2	0.5	8.2	0.8	0.3	0.2	0.4
12	0.2	0.2	256	19.4	12.8	1.9	0.8	0.8	0.4	0.4	0.2	0.4
13	0.2	0.2	30	16.5	9.8	1.2	0.6	0.4	0.3	0.4	0.2	0.4
14	0.2	543	277	14.9	9.8	0.8	0.5	0.4	0.3	0.3	0.2	0.4
15	0.2	1,420	46	12.8	12.8	1.9	0.5	0.4	0.3	0.3	0.3	0.4
16	0.2	3,360	16.5	5.8	14.2	2.5	0.4	0.4	0.4	0.3	0.3	0.4
17	0.2	6,420	11.6	2.5	21	1.2	0.4	0.4	0.4	0.2	0.2	0.4
18	0.2	891	8.7	3.8	13.5	0.8	0.4	0.4	0.4	0.2	0.2	81
19	0.2	39	3.8	3.4	12.8	0.8	0.4	0.4	0.5	0.1	0.2	81
20	0.2	10.4	8.2	6.7	8.2	0.8	0.4	0.4	0.5	0.2	0.2	14.2
21	0.2	3.8	3.8	a 6.7	8.7	0.8	0.4	0.4	0.6	0.2	0.2	0.8
22	0.2	8,450	6.2	6.2	9.8	0.8	0.4	0.4	0.6	0.1	0.3	0.3
23	0.2	3,930	10.4	5.8	12.2	0.8	0.4	0.4	0.4	0.1	0.3	0.3
24	0.2	4,990	10.4	5.4	14.9	162	0.4	0.4	0.3	0.1	0.3	0.4
25	0.2	1,370	3.4	5.0	11.6	159	0.4	0.4	0.3	0.2	0.3	0.4
26	0.2	d 138	2.2	4.6	10.4	5.8	0.4	0.4	0.3	0.2	0.3	0.4
27	0.2	b 50	1.4	a 4.2	11.0	2.5	0.4	0.4	0.3	0.2	0.3	0.4
28	0.2	b 30	2.8	3.8	10.4	0.6	0.4	0.4	0.3	0.2	0.3	0.4
29	0.2	b 26	12,600	5.0		0.5	0.4	0.4	0.3	0.2	0.2	28
30	0.2	25	1,110	1,700		0.5	0.4	0.4	0.3	0.3	0.2	33
31	0.2		625	65		0.5		0.4		0.2	0.2	
	6.1		16,146.6		1,951.7		13.4		12.6		7.4	
		31,698.8		3,563.4		384.6		167.8		7.6		246.7

MEAN	0.20	1,060.	521.	115.	69.7	12.4	0.45	5.4	0.42	0.25	0.24	8.22
ACRE-FEET	12.	62,870.	32,030.	7,070.	3,870.	763.	27.	333.	25.	15.	15.	489.

Remarks:

YEAR OR PERIOD MEAN 149.
ACRE-FEET 107,520.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F57C-R

Daily discharge, in second-feet of LOS ANGELES RIVER above Arroyo Seco for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.2	0.5	7.2	10.4	23	5.8	645	10.4	12.2	6.7	6.7	85
2	0.5	0.5	551	9.2	35	5.9	195	12.8	9.2	5.0	6.7	41
3	0.4	0.6	2,630	11.6	17.5	5.4	19.4	11.6	8.2	5.0	6.7	50
4	0.4	0.6	41	16.5	14.2	6.2	316	15.6	5.8	5.4	6.7	11.6
5	0.4	0.6	2,040	16.5	11.6	5.4	74	9.8	5.8	5.3	6.2	9.8
6	0.4	0.6	2,640	22	13.5	3.0	24	13.6	9.2	6.7	5.4	9.2
7	0.4	7,720	308	24	15.6	5.7	331	9.2	17.5	6.7	5.0	5.0
8	0.4	171	62	16.5	23	5.8	32	12.8	18.4	5.8	5.8	5.4
9	0.4	25	33	18.4	17.5	5.4	17.5	11.6	15.6	5.0	6.2	5.8
10	0.5	12.2	17.5	21	21	5.0	6.2	62	7.7	5.4	5.8	5.8
11	0.4	8.7	21	21	17.5	325	1,132	22	9.2	6.7	5.8	6.7
12	0.4	6.2	15.6	20	14.2	1,560	56	8.7	9.2	5.2	5.4	5.4
13	0.4	4.2	20	15.6	14.9	908	20	9.2	9.2	5.8	4.2	5.0
14	0.4	4.6	17.5	13.5	15.6	272	13.4	9.2	8.7	5.8	3.8	4.6
15	0.4	5.0	17.5	11.6	14.2	38	21	13.5	8.2	14.2	4.6	4.6
16	0.4	5.4	14.9	13.5	16.5	19.4	23	14.9	10.4	5.8	4.2	3.8
17	0.4	4.2	14.2	15.6	15.6	9.2	13.5	12.9	9.8	6.7	4.6	3.4
18	0.4	3.8	13.5	20	10.4	7.7	994	14.2	7.7	6.7	4.2	3.4
19	0.4	2.5	13.5	14.9	9.6	17.5	288	14.9	7.2	7.2	3.9	4.6
20	0.4	412	12.9	14.9	9.9	6.7	52	8.2	9.8	7.2	3.9	4.2
21	0.5	90	15.6	12.2	14.2	5.4	485	7.7	14.2	8.7	3.8	4.2
22	0.5	14.2	414	4,700	12.8	6.2	551	8.2	9.2	7.7	4.6	4.2
23	0.5	14.2	15.6	680 a	13.5	7.2	46	7.7	6.7	6.7	3.8	3.8
24	0.5	7.7	11.0	4,850 a	14.2	8.2	398	6.7	7.7	5.4	4.2	3.4
25	0.5	4.6	8.7	330	126	5.4	82	8.7	6.2	5.4	4.2	3.1
26	0.5	3.8	7.7	60 b	19.4	5.4	62	6.7	7.2	5.3	3.8	4.2
27	0.5	3.4	8.7	52	15.6	6.2	41	11.6	8.7	5.4	3.4	5.0
28	0.5	5.8	11.6	41	9.2	10.4	262	11.6	15.6	5.8	3.1	171
29	0.5	19.3	15.6	33 b		8.2	149	10.4	14.2	5.0	4.2	159
30	0.5	8.2	13.5	74		6.7	35	5.7	7.7	4.2	4.2	39
31	0.5		11.6	182		775		12.2		5.8	4.6	
	14.5		9,023.8		554.3		6,389.0		295.4		149.5	
		8,558.9		11,340.9		4,064.3		397.2		195.7		671.2

MEAN	0.47	295.	291.	366.	19.8	131.	213.	12.8	9.85	6.31	4.82	22.4
ACRE-FEET	29.	17,570.	17,900.	22,490.	1,100.	8,060.	12,670.	788.	586.	388.	297.	1,330.

Remarks:

YEAR OR PERIOD MEAN 115.
ACRE-FEET 82,210.

STATION F34D-R

LOS ANGELES RIVER below Firestone Boulevard

LOCATION: LAT. 33°56'58", LONG. 118°10'23", ON THE RIGHT (WEST) BANK, 472 FEET DOWNSTREAM OF FIRESTONE BOULEVARD AND ABOUT 3 MILES WEST OF DOWNEY. ELEVATION OF ZERO GAGE HEIGHT 96.12 FEET.

DRAINAGE AREA: 596 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL, CONCRETE, 355 FEET AT BOTTOM WITH 3 TO 1 RIPRAPPED SLOPES LOW FLOW CHANNEL IN CENTER, 28 FEET WIDE AT TOP, 20 FEET WIDE AT BOTTOM AND 1 FOOT DEEP.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FIRESTONE BOULEVARD BRIDGE.

RECORDER: A CONTINUOUS RECORDER WWS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SAME AS STATION F57C-R PLUS DEVIL'S GATE DAM.
DIVERSION - FLOW IS SUBJECT TO SAME DIVERSIONS AS STATION F57C-R. THE CITIES OF PASADENA AND SOUTH PASADENA DIVERT FLOW FROM ARROYO SECO.

RECORDS AVAILABLE: AT STATION F34-R, MARCH 1938 TO APRIL 11, 1938.
(FOR PREVIOUS RECORDS, SEE STATE OF CALIFORNIA WATER RIGHTS BULLETIN NO. 5); STATION F34B-R, APRIL 11, 1938 TO NOVEMBER 3, 1949; STATION 34C-R, NOVEMBER 4, 1949 TO DECEMBER 11, 1956 AND STATION F34D-R, DECEMBER 11, 1956 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 37,000. SECOND-FEET DECEMBER 29.
MINIMUM: 4.3 SECOND-FEET NOVEMBER 11.

1966-67
MAXIMUM: 37,100. SECOND-FEET NOVEMBER 7.
MINIMUM: 6.0 SECOND-FEET OCTOBER 2.

1928-67
MAXIMUM: 79,000. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES PRIOR TO 1940. FLOW CONTINUOUS IN RECENT YEARS DUE TO INDUSTRIAL WASTES.

ACCURACY: POOR STAGE-DISCHARGE RELATIONSHIP AFFECTED BY SILTATION.

OPERATION: CONSTRUCTION BY THE UNITED STATES CORPS OF ENGINEERS. LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES CORPS OF ENGINEERS AND THE UNITED STATES GEOLOGICAL SURVEY.

F6D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F34D-R

Daily discharge, in second-feet of LOS ANGELES RIVER below Firestone Boulevard for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6.5	8.4	101	b 700	113	v 20	7.0	7.9	7.9	11.6	9.4	10.1
2	5.5	7.9	81	370	267	v 18.0	6.5	8.4	7.9	8.9	9.4	10.8
3	5.5	7.4	24	320	57	11.6	7.0	8.4	8.4	10.8	8.9	7.9
4	7.0	7.4	122	400	27	13.0	7.4	8.9	6.5	6.0	10.1	7.4
5	7.9	7.4	16.6	290	23	20	7.4	8.9	7.0	10.1	10.8	7.4
6	6.0	6.0	12.3	b 250	2.040	8.4	8.9	8.9	8.4	8.4	10.1	9.4
7	7.9	6.0	9.4	196	123	8.9	8.4	8.4	8.9	7.9	12.3	10.1
8	7.9	8.4	7.9	122	111	10.1	8.4	8.9	8.9	8.4	10.8	10.1
9	7.9	10.1	763	114	b 40	9.4	7.9	80	10.1	8.9	13.0	8.4
10	8.4	6.5	728	37	b 37	10.1	7.9	82	11.6	6.5	12.3	7.9
11	11.6	4.3	51	56	34	12.3	8.4	b 30	9.4	8.9	13.7	7.4
12	7.9	5.0	325	39	34	12.3	8.9	b 14.0	8.9	8.9	12.3	10.1
13	9.4	6.0	100	32	29	11.6	10.1	6.5	10.1	9.4	11.6	7.9
14	7.9	532	274	32	v 25	15.2	8.9	6.5	11.6	10.8	10.8	7.9
15	7.9	1,340	66	31	v 35	15.2	8.9	6.5	10.8	11.6	13.0	8.9
16	7.4	4,160	31	26	35	11.6	7.9	7.0	10.1	8.9	13.7	10.1
17	7.0	8,270	27	24	40	10.8	7.9	7.4	8.9	10.1	10.8	8.9
18	8.9	1,300	25	23	35	9.4	8.9	7.9	7.9	13.0	11.6	72
19	8.4	260	17.5	47	32	9.4	8.4	9.4	7.0	13.7	12.3	147
20	7.4	220	18.4	17.5	29	9.4	8.4	8.9	8.4	15.2	11.6	34
21	8.4	148	19.3	15.9	v 16.0	10.1	8.4	7.9	9.4	11.6	10.1	8.9
22	7.4	11,260	35	14.4	v 20	9.4	8.9	7.4	10.1	13.0	13.0	7.0
23	7.0	5,770	26	14.4	v 19.0	8.9	8.4	7.4	10.1	11.6	11.6	8.4
24	7.4	6,300	24	13.7	30	140	7.4	8.4	10.8	13.7	13.0	6.5
25	8.9	2,100	15.2	13.0	v 20	308	7.9	9.4	8.4	15.2	11.6	7.0
26	8.9	679	13.0	13.0	20	20	7.9	10.1	7.4	13.7	13.0	7.0
27	8.9	208	13.0	13.0	20	b 14.0	8.4	8.9	11.6	12.3	11.6	8.4
28	8.9	77	13.0	11.6	v 22	15.0	9.4	7.9	11.6	10.8	10.8	8.4
29	8.4	88	15,690	10.8		17.0	9.4	6.5	10.8	11.6	14.4	31
30	8.9	107	1,600	2,330		16.0	8.4	6.0	10.8	8.9	13.0	58
31	7.0		685	199		b 15.0		7.4		7.9	13.0	
	244.4	42,909.8	20,933.6	5,775.3	3,333.0	820.1	248.0	422.1	279.7	328.3	363.6	554.3
MEAN	7.88	1,430.	675.	186.	119.	26.5	10.3	13.6	11.6	10.6	11.7	18.5
ACRE-FEET	485.	85,110.	41,520.	11,460.	6,610.	1,630.	492.	837.	555.	651.	721.	1,100.

Remarks:

YEAR OR PERIOD MEAN 209.
ACRE-FEET 151,200.

7M174M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F34D-R

Daily discharge, in second-feet of LOS ANGELES RIVER below Firestone Blvd., for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8.4	8.4	d 21	24	43	24	686	27	28	20	23	157
2	6.0	6.5	577	20	56	22	304	30	26	16.6	23	43
3	7.9	6.5	4,190	22	35	20	42	26	25	18.4	23	88
4	8.4	8.4	131	28	28	42	213	32	21	18.4	23	29
5	9.4	6.5	2,350	28	24	14.4	140	28	21	19.3	21	29
6	10.1	6.5	3,970	29	29	13.7	43	34	23	20	21	28
7	10.1	10,010	835	32	31	16.6	325	27	31	19.3	21	21
8	10.8	302	100	26	36	16.6	72	31	32	20	22	19.3
9	10.8	50	69	25	35	15.2	34	35	32	20	22	18.4
10	30	28	51	29	35	15.9	19.3	77	20	21	21	16.6
11	8.4	22	43	29	31	451	1440	48	19.3	22	22	19.3
12	7.9	18.4	47	34	28	1,450	111	25	25	25	19.3	19.3
13	8.4	14.4	34	25	29	1,020	34	24	23	23	18.4	17.5
14	9.4	14.4	31	23	32	462	32	20	22	21	20	16.6
15	7.4	15.9	30	24	28	196	30	28	24	28	20	20
16	7.9	15.2	29	24	31	107	36	31	27	23	20	15.9
17	9.4	15.9	28	28	30	75	28	29	27	21	19.3	15.9
18	11.5	13.0	27	31	24	53	988	28	25	20	18.4	17.5
19	6.5	10.8	26	27	23	64	364	32	27	20	16.6	17.5
20	7.0	325	29	23	24	43	105	24	29	20	18.4	15.9
21	7.4	296	31	21	28	23	592	22	36	22	18.4	16.6
22	7.0	60	360	6,590	25	22	672	25	29	22	20	19.3
23	6.5	d 28	35	753	27	22	115	26	25	21	20	17.5
24	8.4	21	d 22	5,350	28	24	229	22	23	24	20	16.6
25	8.4	7.6	14.8	636	155	20	122	24	24	24	21	16.6
26	8.4	9.3	14.5	193	60	16.6	92	22	25	24	19.3	19.3
27	6.5	10.0	17.5	182	26	17.5	60	27	25	22	18.4	20
28	7.4	d 14.8	d 23	53	26	22	164	26	34	22	20	199
29	6.5	32	27	43		22	239	26	31	19.3	21	133
30	7.0	d 15.8	28	83		19.3	64	22	21	18.4	21	97
31	7.9		27	221		956		32		23	20	
	276.1	11,392.3	13,722.8	14,656	1,007	5,285.8	7,395.3	910	782.3	657.7	631.5	1,184.6
MEAN	8.91	380.	443.	473.	36.0	170.	247.	29.4	26.1	21.2	20.4	39.5
ACRE-FEET	548.	22,600.	27,220.	29,070.	2,000.	10,480.	14,670.	1,800.	1,550.	1,300.	1,250.	2,350.

Remarks:

YEAR OR PERIOD MEAN 159.
ACRE-FEET 114,800.

STATION F319-R
LOS ANGELES RIVER below Wardlow Road

LOCATION: LAT. 33°49'02", LONG. 118°12'20", ON THE RIGHT (WEST) BANK, 900 FEET BELOW WARDLOW ROAD BRIDGE, LONG BEACH. ELEVATION OF ZERO GAGE HEIGHT 11.91 FEET.

DRAINAGE AREA: 815 SQUARE MILES.(EXCLUDES AREA ABOVE SANTA FE DAM)

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL, CONCRETE, 352. FEET WIDE AT BOTTOM WITH 2.25:1 SIDE SLOPES; 0.5 INVERTED BOTTOM TO LOW FLOW CHANNEL 28 FEET WIDE BY 1 FOOT DEEP IN CENTER OF CHANNEL.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW IS SUBJECT TO THE SAME REGULATION AS STATIONS F34D-R AND 45B-R.
DIVERSION - FLOWS DIVERTED TO DOMINGUEZ GAP SPREADING GROUNDS.

RECORDS AVAILABLE: JANUARY 13, 1956 TO SEPTEMBER 30, 1967 AT STATION F319-R; OCTOBER 31, 1931 TO JANUARY 13, 1956 AT STATION F180-R; PRIOR TO 1931 SEE STATION F36-R.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 61,460. SECOND-FEET DECEMBER 29.
MINIMUM: 3.0 SECOND-FEET AT VARIOUS TIMES.

1966-67
MAXIMUM: 43,680. SECOND-FEET NOVEMBER 7.
MINIMUM: 9.9 SECOND-FEET OCTOBER 16.

1931-67
MAXIMUM: 99,000. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT TIMES IN 1930-31 AND 1933-34.

ACCURACY: GOOD.

OPERATION: CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY AND THE UNITED STATES CORPS OF ENGINEERS.

76D74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F319-R

Daily discharge, in second-feet of LOS ANGELES RIVER below Wardlow Road, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13.0	8.2	110	1,690	93	29	28	11.6	17.5	22	16.2	19.0
2	11.0	13.6	99	923	418	25	20	14.2	16.8	17.5	19.8	13.2
3	8.8	12.3	66	790	53	16.2	15.6	16.8	14.9	17.5	19.8	16.2
4	10.4	12.3	101	961	44	19.0	17.5	13.2	13.0	11.6	21	16.8
5	14.9	12.3	50	961	45	40	19.0	17.5	11.6	14.9	17.5	14.9
6	11.0	11.6	40	1,000	2,940	19.8	24	13.3	6.0	19.0	9.2	13.6
7	13.0	9.8	31	581	259	13.6	21	16.3	3.4	17.5	8.2	7.7
8	13.6	9.9	23	385	112	19.8	21	11.6	3.0	17.5	9.4	7.7
9	11.6	18.1	1,470	230	52	19.0	15.2	139	5.2	20	14.2	4.8
10	9.8	13.0	1,370	142	47	19.3	13.0	215	7.2	14.2	20	10.4
11	10.4	9.9	93	58	45	13.6	11.5	36	14.2	14.2	20	16.2
12	14.2	9.4	681	44	42	7.2	13.6	19.8	17.5	17.5	19.2	15.6
13	14.9	11.0	207	42	34	4.4	19.2	12.3	17.5	18.2	15.6	15.6
14	14.2	8.2	481	44	30	12.5	16.2	13.6	22	11.6	13.6	14.9
15	11.6	2,210	198	49	40	35	16.8	11.6	23	9.2	13.6	15.6
16	9.9	5,470	72	33	39	20	17.5	11.0	23	6.0	18.2	16.2
17	8.8	10,590	36	36	43	26	13.6	14.2	20	4.4	22	14.9
18	9.9	2,050	27	34	40	15.6	14.9	17.5	16.8	9.2	19.8	91
19	12.3	333	19.0	72	34	13.0	12.3	13.0	13.6	19.0	20	270
20	10.4	266	19.8	50	25	12.3	4.8	20	16.8	20	19.0	82
21	12.3	205	22	34	21	13.6	9.4	16.3	13.2	20	15.6	22
22	13.0	13,810	45	24	25	19.0	22	14.2	19.0	20	15.6	16.3
23	11.6	11,580	36	24	24	19.8	19.0	13.0	21	20	16.2	21
24	8.8	14,470	27	22	33	175	13.6	14.9	23	19.8	13.6	20
25	8.8	5,380	17.5	28	30	742	17.5	16.2	21	19.8	13.0	16.3
26	10.4	1,980	13.6	27	30	42	20	16.8	16.2	22	13.2	15.6
27	11.0	343	15.6	28	25	19.2	19.8	17.5	18.2	22	15.6	18.2
28	11.6	82	17.5	33	25	19.0	19.8	19.8	24	21	14.2	17.5
29	11.0	94	22,530	23		25	20	14.2	21	20	14.9	29
30	11.6	112	3,140	2,850		24	14.2	12.3	22	19.8	19.2	105
31	9.9		2,150	312		23		14.2		16.2	19.0	
	352.7	69,936.2	33,213.0	11,530	4,653	1,501.4	512.1	322.4	491.6	319.6	508.4	963.2
MEAN	11.4	2,330.	1,070.	372.	166.	48.4	17.1	26.5	16.4	16.8	16.4	32.1
ACRE-FEET	700.	138,700.	65,880.	22,870.	9,230.	2,980.	1,020.	1,630.	975.	1,030.	1,010.	1,910.

Remarks:

YEAR OR PERIOD MEAN 342.
ACRE-FEET 247,900.

76D74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F319-R

Daily discharge, in second-feet of LOS ANGELES RIVER below Wardlow Road, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	23	19.0	30	26	57	33	1,010	16	47	28	34	111
2	14.9	14.9	468	23	66	31	716	35	36	23	34	141
3	16.2	16.2	6,320	24	56	23	73	34	35	20	38	99
4	16.9	19.0	197	34	48	76	216	39	28	24	39	39
5	16.2	14.9	4,560	33	39	26	292	34	27	24	34	37
6	18.2	13.6	5,360	35	36	22	57	35	31	29	30	40
7	14.9	12,350	1,470	41	40	24	502	30	41	28	26	32
8	16.2	513	257	31	43	28	114	33	42	28	31	30
9	14.2	76	94	31	43	24	45	38	44	26	33	29
10	46	49	62	37	42	24	30	69	32	24	32	26
11	23	38	58	40	40	507	1,940	58	26	28	31	28
12	16.2	34	58	47	36	2,060	144	35	34	32	29	28
13	16.2	24	48	37	34	1,390	40	30	37	32	26	27
14	14.9	21	48	33	49	801	41	26	32	30	24	27
15	12.3	29	41	30	37	225	36	31	31	35	31	30
16	9.9	31	39	31	38	121	46	42	36	33	30	27
17	10.4	34	34	39	37	79	34	38	34	27	31	22
18	16.2	25	30	42	31	56	1,370	38	30	28	29	24
19	16.2	24	30	39	28	62	380	43	28	28	27	28
20	15.6	287	36	37	28	52	121	34	32	27	26	27
21	16.2	404	37	35	33	26	1,260	30	40	30	24	26
22	13.6	47	375	8,970	32	30	1,410	31	40	31	30	26
23	11.0	37	76	1,840	34	34	122	37	30	26	30	25
24	12.3	30	31	10,390	35	38	933	35	29	27	30	22
25	14.2	16.8	24	1,450	162	31	129	34	25	30	29	22
26	13.2	16.8	22	275	95	25	94	34	24	31	30	24
27	16.2	17.5	25	210	39	31	58	39	30	30	24	41
28	16.2	24	32	83	36	35	85	38	36	32	23	515
29	15.6	48	35	56		34	462	37	39	29	29	173
30	14.2	25	37	78		27	69	32	31	29	29	218
31	15.6		33	478		1,330		34		27	30	
	510.8	14,298.7	19,967.0	24,555.0	1,294	7,810	12,329	1,132	1,006	875	921	1,944
MEAN	16.5	477.	644.	792.	46.2	252.	411.	36.5	33.5	28.2	29.7	64.8
ACRE-FEET	1010.	28,360.	39,600.	48,700.	2,750.	15,490.	24,450.	2,250.	2,000.	1,740.	1,830.	3,860.

Remarks:

YEAR OR PERIOD MEAN 237.
ACRE-FEET 171,900.

STATION F279C–R

LOS CERRITOS CHANNEL at Stearns Street

LOCATION: LAT. 33° 47' 46", LONG. 118° 06' 10", ON THE RIGHT (WEST) BANK, UPSTREAM OF STEARNS STREET BRIDGE, LONG BEACH. ELEVATION OF ZERO GAGE HEIGHT 4.37.

DRAINAGE AREA: 36.2 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL CONCRETE 122 FEET WIDE AT TOP, 88 FEET AT BOTTOM AND 10 FEET DEEP.
CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM STEARNS STREET BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: OCTOBER 26, 1955 TO SEPTEMBER 30, 1967; JUNE 1, 1949 TO MAY 26, 1955 AT ATHERTON STREET; WATER SURFACE RECORDS ONLY: NOVEMBER 23, 1942 TO JUNE 1, 1949 AT SEVENTH STREET.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 2830 SECOND-FEET JANUARY 30.
MINIMUM: 0.1 SECOND-FOOT JANUARY 17.

1966–67
MAXIMUM: 4020. SECDND-FEET JANUARY 22.
MINIMUM: 0.1 SECOND-FOOT DECEMBER 30

1949–67
MAXIMUM: 4020. SECOND-FEET JANUARY 22,1967.
MINIMUM: NO FLDW PART OF MOST YEARS.

ACCURACY: GOOD

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLODD CONTROL DISTRICT.

FORM 9-329A (Rev. 11-59)

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F279C-R

Daily discharge, in second-feet of LOS CERRITOS CHANNEL at Stearns Street, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.6	1.3	0.8	4.4	38	1.2	1.0	1.0	6.8	0.8	1.0	1.5
2	1.0	1.5	1.2	1.2	7.6	4.4	0.8	1.0	5.4	0.8	1.3	1.9
3	1.0	1.3	1.0	1.2	1.2	0.8	0.8	1.0	2.6	0.8	1.5	1.7
4	1.0	1.3	1.2	1.2	2.1	1.0	0.6	1.0	2.6	0.8	1.5	1.7
5	1.5	1.5	1.3	0.8	3.5	1.2	0.6	0.4	2.6	1.0	1.5	1.5
6	1.2	1.7	1.5	0.6	159	1.0	0.6	0.4	1.7	1.0	1.7	1.5
7	1.2	1.7	1.5	1.3	55	1.2	0.6	0.8	1.2	0.8	1.2	1.5
8	1.2	1.7	1.9	1.3	2.1	1.3	1.0	1.0	1.2	0.8	1.5	1.5
9	1.2	1.9	144	1.3	1.2	1.3	1.0	4.0	1.0	0.8	1.5	1.5
10	1.2	1.3	87	1.3	1.0	1.2	0.8	1.0	0.6	0.8	1.3	1.5
11	1.0	1.0	3.5	1.2	0.8	1.0	0.4	0.2	1.7	0.8	1.5	1.5
12	1.0	1.0	30	0.6	0.8	1.2	0.6	0.2	0.4	0.6	1.5	1.3
13	1.0	1.0	6.8	0.8	0.6	1.0	0.8	0.4	0.4	0.6	1.7	1.5
14	1.3	149	25	1.0	0.6	1.3	1.0	0.8	0.4	1.2	1.5	1.7
15	1.2	134	13.7	1.2	0.6	1.3	1.0	0.8	0.4	1.7	1.7	1.3
16	1.2	320	19.0	0.8	0.6	1.2	1.0	0.8	0.6	1.2	1.9	1.9
17	0.8	218	1.5	0.2	0.6	1.0	0.6	0.4	0.4	1.3	2.1	1.5
18	1.2	43	1.2	1.2	0.8	1.0	0.6	1.0	0.4	1.3	2.1	1.7
19	1.2	1.7	0.8	1.2	0.6	1.0	0.4	0.8	0.8	1.9	2.1	1.5
20	1.2	1.0	1.2	1.2	0.8	1.2	1.5	1.3	0.6	1.9	1.9	1.3
21	1.2	0.8	1.0	1.2	0.8	1.0	0.6	0.8	1.0	1.7	1.9	1.3
22	1.5	441	1.2	1.5	0.6	0.8	0.8	0.4	1.9	1.7	1.7	1.3
23	1.9	60	1.0	0.4	0.4	0.6	0.6	0.6	0.6	1.5	1.7	1.7
24	1.9	81	0.8	0.8	1.2	1.3	0.6	0.8	0.6	1.5	1.7	1.9
25	1.5	40	0.6	1.0	1.0	81	0.8	1.0	1.0	2.1	1.7	1.5
26	1.5	1.9	1.0	1.0	0.8	1.0	0.8	1.7	0.8	2.1	1.7	1.7
27	1.5	1.2	1.0	1.0	0.6	1.0	0.9	0.4	0.8	1.9	1.7	1.3
28	1.5	0.8	1.2	1.0	1.0	1.2	1.0	0.6	0.8	1.9	1.5	1.5
29	1.5	0.8	541	1.0	-	1.9	0.8	0.4	1.2	1.5	1.7	1.7
30	1.7	0.8	17.2	264		1.0	1.0	0.4	1.2	1.9	1.7	1.3
31	1.5		43	3.0		0.8		1.9		1.9	1.5	
	39.4		953.1		283.9		23.5		41.7		50.5	
		1513.2		299.9		117.4		27.3		40.6		46.2
MEAN	1.27	50.4	30.7	9.67	10.1	3.79	0.78	0.88	1.39	1.31	1.63	1.54
ACRE-FEET	78.	3,000.	1,890.	595.	563.	233.	47.	54.	83.	81.	100.	92.

Remarks:

YEAR OR PERIOD MEAN 9.42
ACRE-FEET 6,820.

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F279C-R

Daily discharge, in second-feet of LOS CERRITOS CHANNEL at Stearns Street, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.2	1.0	1.0	0.8	0.6	1.0	85	0.8	1.7	1.5	1.9	13.6
2	1.5	1.0	26	0.8	0.2	1.0	5.9	1.0	1.2	1.3	1.7	1.3
3	1.9	1.3	449	0.8	0.2	1.0	1.0	0.9	1.0	1.7	1.7	1.3
4	1.3	1.2	14.2	1.0	0.2	33	1.0	1.0	1.2	1.3	1.7	1.0
5	1.2	1.2	418	1.0	0.6	1.0	1.0	1.0	1.5	1.7	1.7	1.2
6	1.2	1.3	65	1.0	0.2	0.6	0.8	1.2	1.9	1.9	1.3	1.3
7	1.2	464	6.8	0.6	0.2	0.8	4.9	1.7	1.5	1.9	1.3	1.7
8	1.0	7.6	1.9	0.6	0.6	0.8	1.5	1.2	1.7	1.9	1.5	2.6
9	1.3	1.9	1.0	1.2	2.1	0.8	1.0	1.2	1.5	1.3	1.7	2.6
10	1.3	1.3	1.0	1.3	0.6	0.8	1.0	1.9	1.3	1.3	1.3	2.1
11	1.0	1.0	1.0	0.8	0.6	24	69	1.0	1.5	1.7	1.7	2.1
12	0.8	1.0	1.0	0.8	0.6	17.9	1.0	1.3	2.6	1.5	1.7	2.1
13	1.0	0.8	1.0	1.7	1.0	74	1.0	1.3	1.3	1.7	1.5	2.1
14	0.6	0.8	1.0	2.1	1.0	13.3	1.0	1.3	1.0	1.7	1.7	1.9
15	0.6	1.7	1.0	0.8	0.6	1.2	1.0	1.3	1.3	1.7	2.1	1.9
16	0.6	1.0	1.5	0.8	1.0	1.0	0.8	1.3	1.5	1.7	1.9	1.5
17	0.8	1.0	1.0	1.0	0.8	1.0	1.0	1.5	1.3	1.7	2.1	1.3
18	0.8	1.2	1.0	1.0	0.4	1.0	82	1.3	1.3	1.9	3.0	1.3
19	1.0	1.0	1.5	0.8	0.4	0.8	62	1.3	1.2	1.7	2.6	1.0
20	1.2	2.1	1.3	1.0	0.2	0.6	3.0	1.5	1.5	1.7	2.6	1.0
21	1.0	4.0	1.3	0.6	0.4	1.0	62	1.3	1.9	1.9	2.1	1.3
22	1.0	0.8	1.2	546	0.6	0.6	36	1.5	2.1	1.9	2.1	1.3
23	1.0	3.5	1.2	70	1.0	1.0	1.3	1.5	1.7	1.9	2.1	1.5
24	0.8	0.4	1.0	404	1.2	0.8	33	1.5	1.3	1.7	2.1	1.7
25	0.8	0.6	1.3	17.6	1.7	0.8	1.2	1.5	1.3	1.7	2.1	1.7
26	1.0	0.6	0.8	1.9	1.0	0.8	1.0	1.3	1.2	1.5	2.1	1.7
27	1.0	0.8	0.8	1.3	0.8	0.8	1.2	1.3	1.3	1.5	1.9	1.7
28	1.0	0.6	0.8	1.2	1.0	2.6	22	1.3	1.3	1.5	2.1	73
29	1.0	1.2	0.8	0.8		2.1	5.1	1.3	1.3	1.5	2.6	11.0
30	1.0	0.8	0.8	7.0		0.8	1.0	1.2	1.3	1.7	2.6	1.5
31	1.0		0.8	11.1		72		2.6		1.9	2.1	
	32.1	506.7	1,005.0	1,081.4	19.8	258.9	489.7	41.2	43.7	51.5	60.6	141.3
MEAN	1.04	16.9	32.4	34.9	0.71	8.35	16.3	1.33	1.46	1.66	1.95	4.71
ACRE-FEET	64.	1,000.	1,990.	2,140.	39.	514.	969.	82.	87.	102.	120.	280.

Remarks:

YEAR OR PERIOD MEAN 10.2
ACRE-FEET 7390.

STATION F130-R

MALIBU CREEK below Cold Creek

LOCATION: LAT. 34°04'40", LONG. 118°42'03", ON THE RIGHT (WEST) BANK, 0.2± MILE DOWNSTREAM OF COLD CREEK AND 6 MILES SOUTHWEST OF CALABASAS. ELEVATION OF ZERO GAGE HEIGHT 432.82 FEET.

DRAINAGE AREA: 103. SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - COARSE SAND AND GRAVEL, LINED WITH TREES AND BRUSH.
CONTROL: CONCRETE STABILIZER INSTALLED JULY 1954.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - LAKE SHERWOOD DAM, LAKE ELEANOR DAM MALIBU LAKE MOUNTAIN CLUB DAM AND CRAIG'S DAM. OTHER SMALL RECREATIONAL DAMS AFFECT LOW SUMMER FLOWS.

RECORDS AVAILABLE: JANUARY 17, 1931 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 20,620. SECOND-FEET DECEMBER 29.
MINIMUM: 0.1 SECOND-FOOT AT VARIOUS TIMES.

1966-67
MAXIMUM: 10,240. SECOND-FOOT JANUARY 24.
MINIMUM: 0.9 SECOND-FOOT AT VARIOUS TIMES.

1931-67
MAXIMUM: 20,620. SECOND-FEET DECEMBER 29, 1965.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

76D74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F130-R

Daily discharge, in second-feet of MALIBU CREEK below Cold Creek, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.06	0.2	40	243	43	22	b 10	4.6	3.4	1.7	1.2	1.0
2	0.06	0.2	36	168	46	21	10	4.6	2.9	1.7	1.0	1.0
3	0.06	0.2	32	135	39	20	10	4.2	2.7	1.7	1.0	1.0
4	0.06	0.2	28	115	35	18	9.2	4.2	2.7	1.7	1.0	1.0
5	0.06	0.2	25	100	33	18	8.8	3.9	2.4	1.4	1.0	1.0
6	0.06	0.2	24	95	94	18	8.5	3.9	2.7	1.4	1.0	1.0
7	0.2	0.2	21	84	76	18	8.5	4.6	3.2	1.4	1.0	1.0
8	0.2	0.2	19	76	59	16	b 8.1	3.9	2.9	1.3	1.0	1.0
9	0.2	0.2	19	70	50	16	8.1	4.6	2.7	1.2	1.0	1.0
10	0.2	0.2	29	63	46	16	8.1	4.9	2.7	1.2	1.0	1.1
11	0.2	0.2	21	58	39	16	8.1	5.3	2.4	1.3	1.0	1.1
12	0.2	0.2	23	53	36	16	6.3	4.6	2.4	1.3	1.0	1.0
13	0.2	0.2	23	47	35	15	4.9	3.9	2.2	1.4	1.0	0.9
14	0.2	0.4	39	44	34	15	4.6	3.7	2.4	1.4	1.0	0.8
15	0.2	0.6	30	41	33	15	6.3	3.9	3.2	1.4	1.0	0.8
16	0.2	12	23	38	31	14	6.3	3.9	2.4	1.3	1.0	0.9
17	0.2	1,490	20	35	31	14	6.7	4.2	2.2	1.3	1.0	0.9
18	0.2	233	18	34	31	11	6.0	2.9	1.9	1.3	1.0	0.9
19	0.2	49	17	33	29	10	5.6	2.7	1.9	1.2	1.1	1.1
20	0.2	25	16	32	29	11	5.6	2.9	2.2	1.1	1.2	1.1
21	0.2	19	16	30	29	10	4.9	3.4	1.9	1.0	1.2	1.0
22	0.2	1,280	15	29	26	10	4.9	3.4	1.9	1.0	1.2	0.9
23	0.2	825	14	29	25	9.2	4.9	3.9	1.9	1.0	1.2	0.8
24	0.2	995	13	26	25	10	5.6	3.9	1.9	1.1	1.1	0.8
25	0.2	444	12	21	25	10	6.0	3.7	1.7	1.2	1.0	0.9
26	0.2	181	12	24	24	10	5.3	3.4	1.9	1.2	1.0	0.9
27	0.2	107	12	23	22	10	6.0	3.4	1.9	1.2	1.0	1.0
28	0.2	b 76	15	23	22	10	5.3	3.2	1.9	1.3	1.0	1.0
29	0.2	b 58	7,060	22		10	4.9	3.2	1.7	1.3	1.0	1.0
30	0.2	47	963	182		11	4.9	3.4	1.7	1.3	1.0	1.0
31	0.2		416	67		11		3.7		1.3	0.9	
	5.36		9,051		1,052		202.4		69.9		32.1	
		5,844.6		2,040		431.2		120.0		40.6		28.9
MEAN	0.17	195.	292.	65.8	37.6	13.9	6.75	3.87	2.33	1.31	1.04	0.96
ACRE-FEET	11.	11,590.	17,950.	4,050.	2,090.	855.	401.	238.	139.	81.	64.	57.

Remarks:

YEAR OR PERIOD MEAN 51.8
ACRE-FEET 37,520.

76D74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F130-R

Daily discharge, in second-feet of MALIBU CREEK below Cold Creek, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.0	1.4	1.9	11	61	13	23	39	5.6	3.4	2.1	1.6
2	1.0	1.4	6.2	7.8	51	12	34	24	5.4	3.6	2.1	1.6
3	0.9	1.4	231	9.5	48	12	27	15	5.0	3.4	2.0	1.7
4	0.9	1.7	42	12	46	12	21	15	5.0	3.2	2.1	1.7
5	1.0	1.7	138	9.5	37	12	22	15	5.0	3.1	2.3	1.7
6	0.9	2.7	1,710	8.5	38	11	12	15	5.6	2.6	2.3	1.7
7	0.9	373.0	648	9.9	37	11	15	14	4.3	2.4	2.1	1.7
8	0.9	34	156	7.8	30	11	14	13	4.1	2.3	2.1	1.6
9	0.9	10	87	7.2	33	11	11	12	4.8	2.9	2.3	1.4
10	0.9	4.6	63	6.7	30	10	12	15	4.7	2.9	2.0	1.4
11	1.2	3.4	49	9.2	30	15	58	17	4.7	2.8	1.8	1.3
12	1.1	3.2	38	7.8	23	42	30	13	4.7	2.9	1.8	1.3
13	1.0	2.7	34	7.0	33	108	20	15	3.9	2.8	1.7	1.2
14	1.0	2.4	30	6.7	25	60	19	8.9	4.1	2.8	1.8	1.4
15	1.0	1.9	26	6.3	24	39	19	7.8	3.9	2.6	1.8	1.7
16	1.0	1.7	23	5.6	22	32	17	15	3.8	2.4	1.8	1.7
17	0.9	1.9	19	6.3	22	29	16	19	3.8	2.4	1.8	1.7
18	0.9	1.7	16	5.9	22	24	36	14	3.9	2.3	1.7	1.4
19	1.0	1.7	15	4.8	19	22	52	7.4	3.9	2.6	1.7	1.3
20	1.0	2.7	17	4.9	22	19	40	8.5	3.8	2.4	1.7	1.2
21	1.2	3.2	14	5.4	18	17	52	7.8	3.8	2.0	2.0	1.2
22	1.2	2.4	12	659	15	17	86	7.8	3.9	2.3	2.0	1.3
23	1.2	2.4	13	306	15	16	60	6.7	3.8	2.3	2.0	1.3
24	1.4	1.9	14	2,710	11	19	232	6.7	3.4	2.4	1.9	1.4
25	1.3	1.7	11	845	13	15	182	6.3	3.2	2.3	1.8	2.0
26	1.3	1.9	11	294	19	12	116	5.4	2.8	2.4	1.6	1.7
27	1.4	1.9	10	159	16	13	48	5.4	2.6	2.3	1.7	1.4
28	1.7	1.7	8.9	106	14	11	46	5.4	2.9	2.0	1.8	1.8
29	1.7	1.9	8.2	83		9.3	46	5.6	3.1	2.1	1.7	2.1
30	1.7	1.9	7.4	74		8.5	41	6.1	3.2	2.1	1.6	2.3
31	1.7		10	68		16		5.6		2.1	1.3	
	35.2		3,468.6		779		1,411		122.7		58.3	
		476.1		5,459.7		658.8		376.4		80.6		46.8
MEAN	1.13	15.9	112.	176.	27.8	21.3	47.0	12.1	4.09	2.60	1.88	1.56
ACRE-FEET	70.	944.	6,880.	10,830.	1,550.	1,310.	2,800.	747.	243.	160.	116.	93.

Remarks:

YEAR OR PERIOD MEAN 35.5
ACRE-FEET 25,700.

STATION P346–R

MILLARD CREEK above Arroyo Seco

LOCATION: LAT.34° 12' 17", LONG. 118° 09' 52", ON THE RIGHT (NORTHERLY) BANK, 250 FEET ABOVE ARROYO SECO CANYON ROAD, 4.5 MILES NORTHWEST OF PASADENA. ELEVATION OF ZERO GAGE HEIGHT 1215±.

DRAINAGE AREA: 2.8 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - ROCK AND GRAVEL. CONTROL - CONCRETE DIVERSION WEIR, 20.1 FEET WIDE.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM ARROYO SECO CANYON ROAD BRIDGE.

RECORDER: A WEEKLY RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - NONE
DIVERSION - LINCOLN AVENUE WATER COMPANY AND THE CITY OF PASADENA DIVERT LOW FLOWS FOR DOMESTIC USE.

RECORDS AVAILABLE: OCTOBER 1, 1961 TO OCTOBER 19, 1962; DECEMBER 17, 1962 TO SEPTEMBER 30, 1967; RECORDER RECORDS ONLY JANUARY 15, 1960 TO OCTOBER 1, 1961.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 415. SECOND-FEET NOVEMBER 22.
MINIMUM: NO FLOW MOST OF YEAR.

1966–67
MAXIMUM: 193. SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1960–67
MAXIMUM: 415 SECOND-FEET NOVEMBER 22, 1965.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY; POOR

OPERATION: LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT. CONSTRUCTED BY THE CITY OF PASADENA IN COOPERATION WITH LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, STATE DEPARTMENT OF WATER RESOURCES AND THE UNITED STATES FOREST SERVICE

REMARKS: ACRE-FEET DIVERTED. THERE WAS NO DIVERSION BY THE PASADENA WATER DEPARTMENT DURING THE PERIOD OF THIS REPORT. LINCOLN AVENUE WATER COMPANY DIVERTED 76.2 ACRE-FEET IN 1965–66 AND 95.4 ACRE-FEET IN 1966–67.

7HD76M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. P346-R

Daily discharge, in second-feet of MILLARD CREEK above Arroyo Seco, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	b 6.0	12	2.3	0.6	0.1	0.1	a 0.1	0	0	0
2	0	0	b 5.0	11	3.0	0.6	0.2	0.1	0.1	0	0	0
3	0	0	b 3.6	11	0.9	0.6	0.4	0.2	0.07	0	0	0
4	0	0	4.1	11	0.9	0.4	0.2	0.2	0.06	0	0	0
5	0	0	3.3	9.2	1.6	0.3	0.3	0.2	0.07	0	0	0
6	0	0	3.3	7.1	5.8	0.4	0.3	0.1	0.06	0	0	0
7	0	0	3.0	5.0	3.3	0.3	0.3	0.1	0.05	0	0	0
8	0	0	3.3	5.4	0.4	0.3	0.4	0.3	0.07	0	0	0
9	0	0	4.6	5.8	1.6	0.8	0.5	0.6	0.07	0	0	0
10	0	0	3.3	4.6	1.6	0.4	0.8	0.6	0.07	0	0	0
11	0	0	2.6	3.3	0.6	0.5	0.5	0.6	0.06	0	0	0
12	0	0	3.3	2.6	1.2	0.6	0.8	0.6	0.05	0	0	0
13	0	0	2.3	1.9	0.8	0.8	0.5	0.3	0.01	0	0	0
14	0	+	2.6	1.9	0.8	0.5	0.8	0.3	0.03	0	0	0
15	0	0.5	1.6	1.6	0.8	0.4	0.2	0.3	0.05	0	0	0
16	0	1.4	1.6	3.3	a 0.6	0.3	0.7	0.1	0.05	0	0	0
17	0	34	1.6	1.6	a 0.6	0.9	0.9	0.1	0.05	0	0	0
18	0	32	1.2	0.6	0.6	0.4	0.5	0.1	0.05	0	0	0.8
19	0	13	1.2	1.6	0.5	0.4	0.5	0.1	0.05	0	0	0.2
20	0	5.8	0.9	a 1.0	0.5	0.4	0.5	0.1	0.05	0	0	0.07
21	0	14	0.9	0.9	0.5	0.3	0.4	0.1	0.05	0	0	0.06
22	0	134	1.2	0.9	0.8	0.3	0.5	0.2	0.05	0	0	0.05
23	0	b137	1.2	1.9	0.5	0.3	0.4	0.2	0.04	0	0	0.03
24	0	137	0.9	1.6	0.5	0.6	0.3	0.1	0.04	0	0	0.03
25	0	46	0.9	1.2	0.5	1.9	0.2	0.1	0.04	0	0	0.03
26	0	26	1.2	1.9	0.6	1.2	0.2	0.2	0.03	0	0	0.05
27	0	18	1.6	1.2	0.6	0.3	0.2	0.2	0.03	0	0	0.05
28	0	11	1.6	1.2	0.6	0.3	0.2	0.2	0.03	0	0	0.03
29	0	8.9	80	2.6		0.3	0.1	0.2	0.03	0	0	0.07
30	0	b 7.0	b 52	5.4		0.3	0.1	0.2	0.03	0	0	0.1
31	0		24	2.6		0.3		0.1		0	0	
	0		223.9		33.0		12.0		1.54		0	
		625.6		122.9		16.0		6.9		0		1.57
MEAN	0	20.1	7.22	3.96	1.18	0.52	0.40	0.22	0.05	0	0	0.05
ACRE-FEET	0	1,240.	444.	244.	65.	32.	24.	14.	3.1	0	0	3.1

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 2.86
ACRE-FEET 2,070.

7607M4M C(b 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. P346-R

Daily discharge, in second-feet of MILLARD CREEK above Arroyo Seco, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.07	+	0.1	0.2	3.0	0.3	4.1	4.1	2.6	0.1	0.02	e 0.03
2	0.07	+	2.1	0.4	2.6	0.4	4.6	3.0	0.5	0.1	0.02	0.1
3	0.07	+	41	0.4	1.6	0.5	2.6	3.0	0.6	0.1	0.02	0.1
4	0.1	+	9.4	0.4	1.6	1.6	3.0	3.7	0.6	0.2	0.02	0.08
5	0.2	+	27	0.5	2.3	0.4	2.6	4.1	0.6	0.2	0.02	e 0.06
6	0.2	+	101	0.5	1.9	0.1	a 2.3	3.7	0.4	e 0.2	0.02	0.04
7	0.07	4.4	43	0.5	2.3	0.1	1.9	2.6	0.5	0.2	0.02	0.03
8	0.06	0.8	21	0.5	1.9	0.1	1.9	2.3	0.2	0.1	0.02	0.03
9	0.03	0.2	9.1	0.6	2.3	0.3	0.9	2.6	0.6	0.1	0.02	0.03
10	0.03	0.2	6.7	0.6	1.9	0.3	0.9	3.0	0.6	0.1	0.02	0.03
11	0.05	0.3	4.1	0.8	1.6	5.0	5.8	3.0	0.6	0.1	0.02	0.03
12	0.05	0.3	3.0	0.6	1.2	9.7	3.0	b 2.3	1.6	0.08	0.02	0.03
13	0.05	0.2	2.3	0.6	1.2	20	2.6	1.9	0.4	0.06	0.02	0.03
14	0.03	0.2	1.6	0.5	2.6	14	3.7	1.6	0.4	e 0.06	0.02	0.03
15	0.03	0.2	1.6	0.4	0.9	8.1	3.0	1.2	0.5	0.05	0.02	0.03
16	0.03	0.2	1.2	0.3	0.6	6.2	2.6	b 0.9	0.6	0.05	0.02	0.03
17	0.01	0.2	1.2	0.2	0.5	5.4	1.9	0.9	0.4	0.04	0.02	0.03
18	0.01	0.2	1.6	0.1	0.5	5.0	6.2	a 0.9	0.5	0.03	0.02	0.03
19	0.01	0.1	1.2	0.1	1.2	5.4	6.8	a 0.9	0.5	0.03	0.02	0.03
20	0.01	0.6	0.9	0.5	1.6	4.1	4.6	0.9	0.3	0.02	0.02	0.03
21	0.07	0.6	0.9	0.6	0.8	3.7	6.2	0.6	0.2	0.02	0.02	0.03
22	0.07	0.1	0.9	4.1	0.5	4.1	14	0.6	0.1	0.02	0.02	0.03
23	0.03	0.1	0.6	2.6	0.5	3.3	11	0.4	0.1	0.02	0.02	0.03
24	0.01	0.1	0.5	20	0.4	5.0	10	0.4	0.3	0.02	0.02	0.03
25	0.01	0.1	0.5	17	0.8	5.4	8.6	0.6	0.3	0.02	0.02	0.03
26	0.01	0.1	0.6	a 5.8	1.2	5.8	9.1	0.9	0.3	0.02	0.02	0.03
27	0.05	0.1	0.6	a 4.1	0.5	6.2	6.7	1.9	0.2	0.02	0.02	0.03
28	0.06	0.1	0.6	3.0	0.4	6.2	6.2	1.9	0.5	0.02	0.02	0.03
29	0.01	0.1	0.4	2.6		6.2	5.8	3.0	0.2	0.02	0.02	0.03
30	+	0.1	0.2	2.6		4.1	5.0	2.6	0.1	0.02	0.02	0.03
31	+		0.2	3.0		3.0		3.7		0.02	0.02	
	1.50	9.60	283.1	74.1	38.4	140.0	146.6	63.2	15.3	2.14	0.62	1.13
MEAN	0.05	0.32	9.13	2.39	1.37	4.52	4.84	2.01	0.51	0.07	0.02	0.04
ACRE-FEET	3.0	19.	562.	147.	76.	278.	291.	124.	30.	4.2	1.2	2.2

Remarks:

YEAR OR PERIOD MEAN 2.12
ACRE-FEET 1,540.

STATION F328-R

MINT CANYON CREEK at Fitch Avenue

LOCATION: LAT. 34°26'47", LONG. 118°25'37", ON THE RIGHT (WEST) UPSTREAM WINGWALL OF FITCH AVENUE BRIDGE, 8.5 MILES NORTHEAST OF SAUGUS. ELEVATION OF ZERO GAGE HEIGHT 1641.25.

DRAINAGE AREA: 26.9 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND AND GRAVEL; SOME WEEDS.
CONTROL - CHANNEL

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FITCH AVENUE BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: OCTOBER 25, 1956 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 684 SECOND-FEET NOVEMBER 17.
MINIMUM: NO FLOW MOST OF YEAR

1966-67
MAXIMUM: 185 SECOND-FEET DECEMBER 3.
MINIMUM: NO FLOW MOST OF YEAR.

1956-65
MAXIMUM: 708 SECOND-FEET DECEMBER 15, 1959.
MINIMUM: NO FLOW MOST OF YEAR.

ACCURACY: FAIR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F328-R

Daily discharge, in second-feet of MINT CANYON CREEK at Fitch Avenue, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	+	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	5.3	0	0	0	0	0	0	0
7	0	0	0	0	+	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	+	0	0	0	0	0	0	0	0	0	0
15	0	+	0	0	0	0	0	0	0	0	0	0
16	0	21	0	0	0	0	0	0	0	0	0	0
17	0	68	0	0	0	0	0	0	0	0	0	0
18	0	5.5	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	60	0	0	0	0	0	0	0	0	0	0
23	0	9.5	0	0	0	0	0	0	0	0	0	0
24	0	71	0	0	0	0	0	0	0	0	0	0
25	0	5.0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	50	0		0	0	0	0	0	0	0
30	0	0	0.6	1.2		0	0	0	0	0	0	0
31	0		0	0		0		0		0	0	
	0	240.0	50.6	1.2	5.3	0	0	0	0	0	0	0
MEAN	0	8.0	1.63	0.04	0.19	0	0	0	0	0	0	0
ACRE-FEET	0	476.	100.	2.4	10.	0	0	0	0	0	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.81
ACRE-FEET 588.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F328-R

Daily discharge, in second-feet of MINT CANYON CREEK at Fitch Avenue, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0.1	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	9.9	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	+	0	0	0	0	0
5	0	0	0.5	0	0	0	0	0	0	0	0	0
6	0	0	14	0	0	0	0	0	0	0	0	0
7	0	3.3	0	0	0	0	+	0	0	0	0	0
8	0		0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	+	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	+	0.1	0	0	0	0	0
12	0	0	0	0	0	+	0	0	0	0	0	0
13	0	0	0	0	0	0.1	0	0	0	0	0	0
14	0	0	0	0	0	+	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0.1	0	0	0	0	0
19	0	0	0	0	0	0	0.8	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0.9	0	0	0	0	0
22	0	0	0	2.5	0	0	1.0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	2.7	0	0	0	0	0	0	0	0
25	0	0	0	0.5	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	+	0	0	0	0	0
29	0	0	0	0		0	0	0	0	0	0	0
30	0	0	0	0		0	0	0	0	0	0	0
31	0		0	0		+		0		0	0	
	0	3.3	24.4	5.7	0	0.1	3.0	+	0	0	0	0
MEAN	0	0.11	0.79	0.18	0	+	0.10	+	0	0	0	0
ACRE-FEET	0	6.5	48.	11.	0	0.2	6.0	+	0	0	0	0

Remarks:

YEAR OR PERIOD MEAN 0.10
ACRE-FEET 72.

STATION F330-R

MISSION CREEK below Legg Lake

LOCATION: LAT. 34°02'09", LONG. 118°03'47", ON THE RIGHT (NORTH) BANK AT OUTLET OF LEGG LAKE ON EAST SIDE OF ROSEMEAD BOULEVARD, 1.5 MILES SOUTH OF EL MONTE. ELEVATION OF ZERO GAGE HEIGHT 204.± FEET.

DRAINAGE AREA: 3.45 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - CONCRETE BOX CULVERT.
CONTROL - 3-FOOT CIPPOLETTI WEIR.

DISCHARGE MEASUREMENTS: MEASURED BY WADING BELOW ROSEMEAD BOULEVARD.

RECORDER: A WEEKLY RECORDER WAS IN SERVICE FROM OCTOBER 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SOME PUMPING INTO LEGG LAKE, USED TO MAINTAIN LEVEL AND TO REPLACE EVAPORATION.
DIVERSION: NONE.

RECORDS AVAILABLE: AUGUST 8, 1956 TO SEPTEMBER 30, 1967. SOME STREAMFLOW MEASUREMENTS FROM JUNE 7, 1956.

ACCURACY: GOOD.

OPERATIONL LOCATED AND CONSTRUCTED BY THE LOS ANGELES COUNTY ENGINEER'S DEPARTMENT. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F330-R

Daily discharge, in second-feet of MISSION CREEK below Legg Lake for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0.53	0.32	0.32	0.65	0.77	0.15	0.11	0
2	0	0	0	0	0.32	0.32	0.37	0.65	0.65	0.15	0.11	0
3	0	0	0	0	0.27	0.27	0.32	0.59	0.47	0.15	0.11	0
4	0	0	0	0	0.27	0.27	0.27	0.59	0.59	0.15	0.11	0
5	0	0	0	0	0.27	0.27	0.27	0.59	0.65	0.15	0.15	0
6	0	0	0	0	0.32	0.27	0.27	0.59	0.65	0.15	0.15	0
7	0	0	0	0	0.32	0.27	0.32	0.59	0.71	0.15	0.08	0
8	0	0	0	0	0.32	0.27	0.32	0.59	0.71	0.11	+	0
9	0	0	0	0	0.27	0.27	0.32	0.59	0.71	0.11	0	0
10	0	0	0	0	0.27	0.27	0.27	0.59	0.65	0.11	0	0
11	0	0	0	0	0.19	0.27	0.23	0.59	0.59	0.11	0	+
12	0	0	0	0	0.19	0.32	0.19	0.59	0.53	0.11	0	+
13	0	0	0	0	0.19	0.32	0.19	0.53	0.47	0.11	0	+
14	0	0	0	0	0.27	0.37	0.37	0.42	0.47	0.11	0	0
15	0	0	0	0	0.42	0.53	0.37	0.42	0.47	0.15	0	0
16	0	0	0	0	0.42	0.53	0.42	0.37	0.47	0.15	0	0
17	0	0	0	0	0.42	0.59	0.47	0.42	0.47	0.19	0	0
18	0	0	0	0	0.42	0.71	0.47	0.37	0.47	0.19	0	0
19	0	0	0	0.13	0.42	0.71	0.47	0.47	0.47	0.19	0	0
20	0	0	0	0.27	0.42	0.71	0.42	0.65	0.42	0.19	0	0
21	0	0	0	0.23	0.42	0.71	0.42	0.59	0.42	0.19	0	0
22	0	0	0	0.15	0.37	0.71	0.47	0.59	0.42	0.19	0	0
23	0	0	0	0.05	0.32	0.65	0.47	0.59	0.37	0.15	0	+
24	0	0	0	0.19	0.37	0.65	0.42	0.59	0.37	0.11	0	0.03
25	0	0	0	0.42	0.37	0.71	0.37	0.59	0.37	0.08	0	0.05
26	0	0	0	0.47	0.37	0.71	0.37	0.77	0.32	0.11	0	0.08
27	0	0	0	0.65	0.32	0.71	0.47	0.97	0.32	0.15	0	0.11
28	0	0	0	0.65	0.32	0.71	0.71	0.90	0.32	0.11	0	0.15
29	0	0	0	0.65		0.71	0.71	0.84	0.32	0.11	0	0.27
30	0	0	0	0.59		0.53	0.71	0.77	0.19	0.11	0	0.37
31	0		0	0.65		0.32		0.77		0.11	0	
	0		0		9.38		11.77		14.81		0.82	
		0		5.10		14.98		18.82		4.30		1.06
MEAN	0	0	0	0.16	0.34	0.48	0.39	0.61	0.49	0.14	0.03	0.04
ACRE-FEET	0	0	0	10.	19.	30.	23.	37.	29.	8.5	1.6	2.1

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.22
ACRE-FEET 160.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F330-R

Daily discharge, in second-feet of MISSION CREEK below Legg Lake for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.3	0.7	0.8	0.8	0.7	1.4	1.5	a 3.8	2.4	1.9	5.4	3.0
2	0.2	0.3	0.8	0.8	0.7	1.7	2.4	a 3.7	2.4	1.9	4.6	3.5
3	0.2	0.2	0.8	0.8	0.8	1.7	2.4	3.6	2.6	1.9	4.0	3.9
4	0.2	0	0.8	0.8	0.8	1.7	2.3	3.2	2.6	1.9	4.1	3.9
5	0.1	0	0.8	0.8	0.8	1.7	2.5	3.2	2.3	1.7	4.2	4.0
6	0.2	+	0.8	0.8	0.8	1.7	2.5	3.2	1.7	1.7	4.0	4.7
7	0.2	0.2	0.8	0.8	0.8	1.7	2.6	3.2	1.0	1.7	3.9	5.3
8	0.3	0.1	0.7	0.8	0.7	1.7	2.6	2.8	1.0	5.5	4.1	5.2
9	0.4	0.6	0.7	0.7	0.8	1.5	2.5	3.2	1.0	8.9	5.6	5.4
10	0.3	1.3	0.7	0.6	0.8	1.6	2.6	3.0	1.0	8.6	4.8	4.8
11	0	1.3	0.7	0.6	0.8	1.6	3.7	3.0	0.9	9.8	4.5	4.9
12	0.4	1.3	0.7	0.7	0.9	1.8	3.5	3.0	0.9	10.2	4.1	4.8
13	0.8	1.4	0.7	0.8	0.9	2.2	3.0	3.2	0.9	10.2	4.1	4.7
14	0.6	0.7	0.7	0.8	0.9	2.4	3.0	3.0	0.9	10.1	4.4	4.9
15	0.5	0.7	0.7	0.7	1.0	2.2	2.8	2.6	0.9	9.2	4.7	5.5
16	0.5	1.3	0.7	0.7	1.0	2.1	2.8	1.4	0.9	8.5	4.2	5.7
17	0.4	1.5	0.7	0.7	1.0	2.3	2.8	2.5	1.0	8.3	3.8	5.8
18	0.4	1.8	0.7	0.7	1.1	2.3	3.2	2.8	0.9	8.1	3.4	5.5
19	0.4	1.8	0.7	0.7	1.2	2.3	4.4	2.6	0.9	9.1	3.6	5.2
20	0.4	1.8	0.7	0.7	1.3	2.3	4.0	2.3	0.9	9.4	3.5	4.9
21	0.5	1.6	0.7	0.7	1.3	1.9	6.4	3.0	0.8	9.5	3.0	4.5
22	0.5	1.4	0.7	0.7	1.3	2.2	7.9	2.3	0.8	9.5	3.4	4.4
23	0.5	1.2	0.7	0.7	1.3	1.9	5.5	2.5	0.9	6.6	3.5	4.2
24	0.4	1.1	0.7	0.8	1.6	1.8	5.8	2.5	0.9	6.0	3.2	4.2
25	0.4	1.2	0.7	0.8	1.8	1.0	4.9	2.6	1.0	3.9	3.0	4.2
26	0.3	1.2	0.7	0.7	1.8	1.0	4.2	2.8	1.0	6.4	3.2	4.4
27	0.4	1.2	0.7	0.7	1.7	0.9	a 4.2	3.0	1.0	6.7	3.2	5.2
28	0.4	1.1	0.8	0.7	1.7	1.0	4.1	3.0	1.0	6.3	3.7	5.4
29	0.4	1.0	0.8	0.7		1.0	4.0	2.8	0.9	5.9	3.2	5.9
30	0.5	0.9	0.8	0.7		1.1	a 3.9	2.6	1.4	5.2	2.8	5.9
31	0.4		0.8	0.7		1.2		2.5		5.8	3.0	
	11.5	28.9	22.8	22.7	30.3	52.9	109.0	89.4	36.8	200.4	120.2	143.9
MEAN	0.37	0.96	0.74	0.73	1.08	1.71	3.60	2.88	1.23	6.46	3.88	4.80
ACRE-FEET	23.	57.	45.	45.	60.	105.	214.	177.	73.	397.	238.	285.

Remarks:

YEAR MEAN 2.38
OR
PERIOD ACRE-FEET 1,720.

STATION F83-R

MISSION CREEK at San Gabriel Boulevard

LOCATION: LAT. 34°01'45", LONG. 118°04'05", ON THE RIGHT (WEST) UPSTREAM ABUTMENT OF SAN GABRIEL BOULEVARD BRIDGE ABOUT 2 MILES NORTHEAST OF MONTEBELLO. ELEVATION OF ZERO GAGE HEIGHT 188.20 FEET.

DRAINAGE AREA: 4.15± SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND WITH WEEDS, BRUSH AND FENCES.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM HIGHWAY BRIDGE.

RECORDER: A WEEKLY RECORDER WAS IN SERVICE OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - PARTIALLY REGULATED BY OUTFLOW FROM LEGG LAKE.
DIVERSION - NONE.

RECORDS AVAILABLE: JUNE 14, 1930 TO SEPTEMBER 30, 1967; SOME WEEKLY STREAM FLOW MEASUREMENTS WERE TAKEN PRIOR TO INSTALLATION OF RECORDER IN 1930.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 4.0 SECOND-FEET ESTIMATED DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 14.2 SECOND-FEET APRIL 22.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1930-67
MAXIMUM: NOT DETERMINED MARCH 2, 1938.
MAXIMUM: 336. SECOND-FEET FEBRUARY 22, 1944.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: FAIR.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

REMARKS: NEARLY ALL FLOWS ORIGINATE IN RISING WATER.

7601M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

F83-R

Daily discharge, in second-feet of MISSION CREEK at San Gabriel Boulevard for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	+	+	0.6	0.7	0.8	0.3	0.12	+	0	0
2	0	0	|	|	0.5	0.5	0.7	0.2	0.11	0	0	0
3	0	0	|	|	0.4	0.5	0.7	0.2	0.06	0	0	0
4	0	0	|	|	0.4	0.5	0.6	0.2	0.05	0	0	0
5	0	0	|	|	0.4	0.5	0.6	0.2	0.05	0	0	0
6	0	0	|	|	0.8	0.5	0.6	0.1	0.06	0	0	0
7	0	0	|	|	0.5	0.5	0.6	0.1	0.05	0	0	0
8	0	0	+	|	0.5	0.5	0.5	0.1	0.04	0	0	0
9	0	0	e 0.4	|	0.5	0.6	0.5	0.2	0.04	0	0	0
10	0	0	e 0.1	|	0.5	0.6	0.5	0.2	0.04	0	0	0
11	0	0	+	|	0.4	0.5	0.4	0.3	0.04	0	0	0
12	0	0	e 0.2	|	0.5	0.5	0.4	0.3	0.04	0	0	0
13	0	0	+	|	0.5	0.6	0.3	0.3	0.04	0	0	0
14	0	0	e 0.1	|	0.7	0.3	0.2	0.2	0.04	0	0	0
15	0	0	+	+	0.8	0.3	0.3	0.1	0.04	0	0	0
16	0	e 0.5	|	.1	0.3	0.3	0.4	0.1	0.04	0	0	0
17	0	e 1.5	|	.1	0.1	0.2	0.4	0.1	0.02	0	0	0
18	0	e 0.3	|	.1	0.1	0.2	0.5	0.1	0.02	0	0	0
19	0	+	|	.1	0.1	0.2	0.5	0.1	0.02	0	0	0
20	0	+	|	.1	0.1	0.2	0.5	0.1	0.02	0	0	0
21	0	+	|	.1	0.1	0.2	0.4	0.1	0.01	0	0	0
22	0	e 3.0	|	.1	0.1	0.2	0.4	0.1	0.01	0	0	0
23	0	e 0.2	|	.1	0.1	0.2	0.3	0.1	0.01	0	0	0
24	0	e 0.8	|	.1	0.4	0.2	0.3	0.1	0.01	0	0	0
25	0	e 0.3	|	.1	0.8	0.6	0.2	0.1	+	0	0	0
26	0	+	|	.1	0.9	0.8	0.1	0.1	|	0	0	0
27	0	|	|	.1	0.8	0.9	0.2	0.2	|	0	0	0
28	0	|	+	.1	0.7	1.0	0.2	0.2	|	0	0	0
29	0	|	e 4.0	.1		1.1	0.1	0.2	|	0	0	0
30	0	+	+	.5		1.0	0.2	0.2	+	0	0	0
31	0		+	.5		0.9		0.1		0	0	
	0	6.6	4.8	2.4	12.6	15.8	12.4	5.0	0.98	+	0	0
MEAN	0	0.22	0.15	0.08	0.45	0.51	0.41	0.16	0.03	+	0	0
ACRE-FEET	0	13.	9.5	4.8	25.	31.	25.	9.9	1.9	+	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.17
ACRE-FEET 120.

7601M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F83-R

Daily discharge, in second-feet of MISSION CREEK at San Gabriel Boulevard for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	+	0.5	0.7	2.4	3.3	3.6	6.5	5.5	3.2	5.0	2.9
2	|	0	0.6	0.6	2.4	3.1	5.0	6.5	5.4	3.3	4.2	3.0
3	|	0	c 2.0	0.6	2.4	3.0	5.0	6.4	5.6	3.3	3.7	3.4
4	|	0	0.8	0.6	2.0	3.2	5.0	6.3	5.3	3.3	3.7	3.5
5	|	0	c 1.2	0.6	2.1	3.3	5.2	6.3	5.0	3.3	3.8	3.3
6	|	0	1.4	0.8	2.2	3.2	5.2	6.3	4.2	3.2	3.8	4.2
7	|	0.3	1.3	0.8	2.2	3.0	5.3	6.3	3.6	3.2	3.4	4.6
8	|	+	c 1.2	0.8	2.2	2.6	5.3	6.0	3.2	4.8	3.4	4.8
9	|	|	1.2	0.9	1.9	2.4	5.2	6.1	3.1	9.4	4.3	4.8
10	|	|	1.2	1.0	1.8	2.4	5.2	6.2	3.0	9.7	4.3	4.7
11	|	|	1.1	1.0	1.7	3.0	8.0	6.3	2.9	9.9	3.8	4.3
12	|	|	1.1	1.0	1.7	4.6	6.1	6.3	2.8	10.5	3.5	4.3
13	|	|	1.1	1.0	1.8	4.5	6.6	6.4	2.8	11.3	3.2	4.2
14	|	|	1.2	0.9	1.7	4.8	6.5	6.3	2.8	11.2	3.7	4.3
15	|	|	1.2	0.9	1.9	4.3	6.2	6.0	2.8	9.8	3.9	4.9
16	|	+	1.1	1.0	1.9	4.5	6.2	4.5	2.8	9.8	3.7	5.2
17	|	0.1	1.0	1.0	2.0	4.5	5.1	4.8	2.7	9.2	3.3	5.2
18	|	0.3	0.9	1.0	2.0	4.3	6.7	5.1	2.7	8.0	3.0	5.2
19	|	0.8	0.9	1.0	2.0	4.2	7.7	5.1	2.9	7.7	3.1	5.1
20	|	0.7	0.9	1.1	2.0	4.2	7.2	a 5.1	2.7	9.0	3.2	4.9
21	|	0.6	0.8	1.0	2.0	4.0	10.0	5.1	2.6	8.8	2.8	4.4
22	|	0.6	0.8	c 3.0	2.1	4.1	13.0	5.2	2.4	8.4	3.0	4.2
23	|	0.8	0.8	2.0	2.1	3.8	9.1	5.2	2.4	6.2	3.3	4.2
24	|	0.6	0.9	7.0	2.4	3.3	9.2	5.2	2.4	5.3	3.1	4.4
25	|	0.8	0.9	3.0	2.9	2.7	8.2	5.3	2.4	4.0	3.1	4.5
26	|	0.9	1.0	2.5	3.1	2.4	7.8	5.3	2.4	5.0	3.1	4.5
27	|	0.9	1.0	c 2.3	3.0	2.1	7.3	5.3	2.4	5.9	3.2	5.2
28	|	0.8	1.2	2.6	3.2	2.1	7.0	5.4	2.4	5.6	3.6	5.6
29	|	0.8	1.1	2.5		2.5	6.9	5.4	2.0	5.2	3.5	5.8
30	|	0.7	0.9	2.5		2.7	6.7	5.4	2.2	4.9	3.1	6.0
31	+		0.8	2.7		3.3		a 5.5		4.9	2.9	
	+	9.7	32.1	48.4	61.1	105.4	202.5	177.1	95.4	203.3	108.7	135.6
MEAN	+	0.32	1.04	1.56	2.18	3.40	6.75	5.71	3.18	6.56	3.51	4.52
ACRE-FEET	+	19.	64.	96.	121.	210.	402.	351.	189.	403.	216.	269.

Remarks:

YEAR OR PERIOD MEAN 3.23
ACRE-FEET 2,340.

STATION E321-R

MISSION CREEK below Whittier Narrows Dam

LOCATION: LAT. 34° 01' 15", LONG. 118° 04' 15", ON LEFT (EAST) SIDE OF FOUR-FOOT PARSHALL FLUME 500± FEET BELOW DAM, 1.4 MILES NORTH OF PICO. ELEVATION OF ZERO GAGE HEIGHT 187.1.

REGULATION AND DIVERSION: WHITTIER NARROWS DAM AND LEGG LAKE.

RECORDS AVAILABLE: DECEMBER 1955 TO SEPTEMBER 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 6.3 SECOND-FEET MARCH 27.
MINIMUM: NO FLOW MOST OF THE YEAR.

1966-67
MAXIMUM: 5.4 SECOND-FEET DECEMBER 4.
MINIMUM: NO FLOW MOST OF THE YEAR.

1955-67
MAXIMUM: 18. SECOND-FEET JANUARY 6, 1959.
MINIMUM NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD

OPERATION: RECORDS FURNISHED BY THE UNITED STATES GEOLOGICAL SURVEY. FORTY-FIVE DISCHARGE MEASUREMENTS FURNISHED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: FLOW ALMOST ENTIRELY FROM GROUND WATER SEEPAGE.

74D74M Gb 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E321-R

Daily discharge, in second-feet of MISSION CREEK below Whittier Narrows Dam, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0.2	0	0	0	0	0.3
2	0	0	0	0	0	0	0.3	0	0	0	0	0.6
3	0	0	0	0	0	0	0.3	0	0	0	0	0.2
4	0	0	0	0	0	0	0.2	0	0	0	0	0.2
5	0	0	0	0	0	0	0.2	0	0	0	0	0.3
6	0	0	0	0	0	0	0.2	0	0	0	0	0.4
7	0	0	0	0	0	0	0.4	0	0	0	0	0.5
8	0	0	0	0	0	0	0.3	0	0	0	0	0.5
9	0	0	0	0	0	0.3	0.2	0	0	0	0	0.5
10	0	0	0	0	0	0.3	0.2	0	0	0	0	0.5
11	0	0	0	0	0	0.2	0.4	0	0	0	0	0.4
12	0	0	0	0	0	0.2	0.2	0	0	0	0	0.4
13	0	0	0	0	0	0.8	0.2	0	0	0	0	0.3
14	0	0	0	0	0	0.2	0	0	0	0	0	0.3
15	0	0	0	0	0	0.1	0	0	0	0	0	0.3
16	0	0	0	0	0	0	0.1	0	0	0	0	1.5
17	0	0	0	0	0	0	0.1	0	0	0	0	2.7
18	0	0	0	0	0	0	0.1	0	0	0	0	0.5
19	0	0	0	0	0	0	0.1	0	0	0	0	0.5
20	0	0	0	0	0	0	0.1	0	0	0	0	0.4
21	0	0	0	0	0	0	0.1	0	0	0	0	0.4
22	0	0	0	0	0	0	0.1	0	0	0	0	0.4
23	0	0	0	0	0	0	0.1	0	0	0	0	0.4
24	0	0	0	0	0	0	0	0	0	0	0	0.4
25	0	0	0	0	0	0.2	0	0	0	0	0	0.4
26	0	0	0	0	0	2.2	0	0	0	0	0	0.4
27	0	0	0	0	0	6.3	0	0	0	0	0	0.4
28	0	0	0	0	0	0.7	0	0	0	0	0	0.4
29	0	0	0	0		0.5	0	0	0	0	0	0.4
30	0	0	0	0		0.5	0	0	0	0	0	0.4
31	0		0	0		0.3		0		0	0	
	0	0	0	0	0	12.8	4.1	0	0	0	0	15.3
MEAN	0	0	0	0	0	0.41	0.14	0	0	0	0	0.51
ACRE-FEET	0	0	0	0	0	25.	8.1	0	0	0	0	30.

Remarks:

YEAR OR PERIOD MEAN 0.09
ACRE-FEET 64.

76D76M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E321-R

Daily discharge, in second-feet of MISSION CREEK below Whittier Narrows Dam, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.4	0	0	0.5	1.2	1.4	0.9	1.1	1.2	1.4	0	2.2
2	0.4	0	0	0.5	1.2	1.5	0.9	1.3	1.2	1.4	1.0	2.3
3	0.4	0	4.3	0.5	1.2	1.6	0.9	1.4	1.2	1.2	1.8	2.0
4	0.3	0	5.4	0.4	1.2	1.6	0.9	1.5	1.2	1.1	1.8	1.9
5	0.2	0	0.6	0.4	1.9	1.6	0.9	1.5	1.2	1.1	1.8	2.2
6	0.1	0	1.7	0.4	1.7	1.6	0.9	1.5	1.3	1.2	1.8	2.0
7	0	0.2	1.7	0.4	1.2	1.6	1.0	1.5	1.5	1.2	1.8	1.9
8	0	0.2	1.5	0.4	1.2	1.6	1.0	1.5	1.5	1.2	1.9	1.8
9	0	0	1.4	0.4	1.2	1.6	1.1	1.5	1.5	1.2	1.9	1.7
10	0	0	1.4	0.4	1.2	1.6	1.2	1.5	1.5	1.3	1.9	1.8
11	0	0	1.3	0.4	1.2	1.6	1.1	1.5	1.5	1.3	1.8	1.8
12	0	0	1.1	0.4	1.2	1.5	1.1	1.5	1.5	1.3	1.7	1.9
13	0	0	1.0	0.4	2.2	1.4	1.1	1.5	1.5	1.3	1.7	1.9
14	0	0	0.9	0.4	2.1	1.3	1.1	1.6	1.5	1.3	1.8	1.9
15	0	0	0.8	0.4	1.2	1.3	1.0	1.6	1.4	1.3	1.9	1.9
16	0	0	0.7	0.4	1.2	1.3	0.9	1.6	1.4	1.3	1.9	1.9
17	0	0	0.6	0.4	1.2	1.3	1.1	1.7	1.4	1.3	1.8	1.9
18	0	0	0.6	0.4	1.1	1.3	1.1	1.4	1.0	1.1	1.7	1.9
19	0	0	0.6	0.5	1.1	1.3	1.0	1.3	0.9	1.1	1.6	1.9
20	0	0	0.6	0.5	1.1	1.3	1.0	1.2	1.2	0.4	1.6	2.0
21	0	0	0.6	0.5	1.1	1.3	1.0	1.2	1.3	0	1.6	2.0
22	0	0	0.6	0.7	2.4	1.3	1.0	1.2	1.3	0	1.7	1.9
23	0	0	0.6	1.2	1.9	1.3	1.0	1.2	1.3	0	1.8	1.9
24	0	0	0.6	2.1	1.0	1.3	1.0	1.3	1.3	0	1.8	1.9
25	0	0	0.6	1.5	1.0	1.2	1.0	1.3	1.3	0	1.8	1.9
26	0	0.1	0.6	1.2	1.1	1.1	1.1	1.3	1.3	0	1.8	1.8
27	0	0	0.6	1.2	1.1	1.1	1.3	1.3	1.3	0	1.9	1.8
28	0	0	0.6	1.2	1.1	1.1	1.3	1.3	1.3	0	2.0	1.6
29	0	0	0.7	1.2		1.1	1.2	1.3	1.3	0	2.0	1.8
30	0	0	0.7	1.2		1.1	1.1	1.2	1.3	0	2.3	1.8
31	0		0.6	1.2		0.9		1.1		0	2.3	
	1.8	0.5	33.0	21.7	37.5	42.2	31.2	42.9	39.6	24.0	54.2	57.4
MEAN	0.06	0.016	1.06	0.700	1.34	1.36	1.04	1.38	1.32	0.774	1.75	1.91
ACRE-FEET	3.6	1.0	65.	43.	74.	84.	62.	85.	79.	48.	108.	114.

Remarks:

YEAR OR PERIOD MEAN 1.06
ACRE-FEET 766.

STATION F181-R

MONTEBELLO STORM DRAIN above Rio Hondo

LOCATION: LAT. 33°59'59", LONG. 118°06'17 F, ON THE RIGHT (SOUTH) WALL, 500± FEET ABOVE MOUTH, 150 FEET EAST OF EAST END OF MINES AVENUE, MONTEBELLO. ELEVATION OF ZERO GAGE HEIGHT 162.22 FEET.

DRAINAGE AREA: 9.6 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - 14 FT. X 10 FT. CONCRETE-COVERED DRAIN. THE STAGE DISCHARGE RELATION MAY BE AFFECTED BY BACKWATER FROM THE RIO HONDO DURING FLOOD FLOWS.
CONTROL - CHANNEL FORMS CONTROL

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM OPENINGS IN TOP OF THE BOX.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: JANUARY 12, 1932 TO AUGUST 5, 1954; DECEMBER 9, 1954 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

MAXIMUM: 904. SECOND-FEET DECEMBER 29.
MINIMUM: 0.1 SECOND-FOOT MAY 22.

1966-67

MAXIMUM: 1,060. SECOND-FEET JANUARY 24.
MINIMUM: 0.2 SECOND-FOOT AT VARIOUS TIMES.

1931-67

MAXIMUM: 1,400. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCSTED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: MAY BE AFFECTED BY BACKWATER DURING FLOOD FLOWS.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F181-R

Daily discharge, in second-feet of MONTEBELLO STORM DRAIN above Rio Hondo for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.6	0.6	0.2	0.8	5.6	0.4	1.0	0.6	0.6	b 1.0	0.8	b 0.7
2	0.6	0.6	0.5	0.8	1.1	0.4	1.1	1.0	0.6	1.0	1.0	0.7
3	0.6	0.6	0.3	0.6	0.5	0.4	0.8	0.6	0.5	1.0	1.0	0.6
4	0.6	0.8	0.3	0.8	0.6	0.6	1.0	1.0	0.5	1.0	1.0	0.6
5	0.8	1.0	0.2	0.5	0.6	0.8	1.0	0.6	0.6	1.0	0.8	0.6
6	0.6	0.8	0.1	0.4	71	0.8	1.0	0.8	0.5	1.0	0.8	0.5
7	0.8	0.8	0.1	1.0	1.0	0.6	1.0	0.6	0.5	b 1.0	0.6	0.5
8	0.8	0.5	0.1	1.0	0.6	0.6	0.8	0.5	0.5	1.2	0.6	0.4
9	0.8	0.6	47	0.6	0.4	0.6	0.5	7.5	0.8	1.2	0.6	0.4
10	0.8	1.1	14.2	0.6	0.8	0.6	0.5	0.1	0.8	1.1	0.5	0.4
11	0.8	0.8	0.3	0.6	0.6	1.0	0.6	0.1	1.0	1.2	0.8	0.4
12	0.8	1.1	26	0.6	0.4	0.8	0.5	0.3	b 1.0	1.2	0.8	0.4
13	0.6	1.0	2.7	0.6	0.5	1.0	0.6	0.4	1.0	1.1	0.8	0.4
14	0.5	46	22	1.2	0.5	1.4	0.5	0.5	1.0	1.1	1.1	0.4
15	0.6	58	3.2	1.1	0.6	1.2	0.6	0.3	1.0	1.1	1.0	0.4
16	0.8	125	1.1	0.8	1.1	1.0	0.6	0.2	1.0	1.1	1.1	0.6
17	0.8	123	0.4	1.0	1.5	1.0	0.5	0.3	1.0	1.1	1.2	0.8
18	0.6	17.0	0.5	1.0	0.6	1.1	0.3	0.4	1.0	1.0	1.2	9.6
19	0.8	0.8	0.5	3.4	0.6	1.1	0.4	0.3	1.0	1.0	1.2	5.8
20	1.0	0.4	0.5	0.5	0.6	1.1	0.4	0.3	1.0	1.0	1.4	1.5
21	1.1	0.4	0.6	0.6	0.6	1.0	0.6	0.3	1.0	0.8	1.6	1.2
22	0.6	227	2.9	0.5	0.5	1.1	0.8	0.3	1.0	1.0	1.8	1.1
23	0.8	25	0.4	0.5	1.0	1.1	0.8	0.3	1.0	0.8	1.4	1.0
24	0.8	114	0.3	0.4	0.8	17.2	0.6	0.5	1.0	0.8	1.6	1.0
25	0.6	32	0.4	0.6	0.6	13.3	0.4	0.5	1.0	0.8	1.8	1.0
26	0.6	1.0	0.4	0.4	0.5	0.8	0.6	0.5	1.0	0.8	1.8	1.0
27	1.0	1.1	0.4	0.6	0.5	0.8	0.6	0.4	1.0	0.8	1.6	1.0
28	0.8	0.6	0.3	0.5	0.4	1.0	0.8	0.5	1.0	0.8	1.4	1.0
29	1.0	1.4	281	0.5		1.0	0.6	0.4	1.0	0.8	1.2	2.6
30	1.0	1.0	4.5	43		0.8	0.8	0.4	b 1.0	0.8	1.2	b 2.0
31	0.8		2.9	0.8		1.0		0.8		0.8	1.1	
	23.4	784.0	414.3	71.3	93.1	55.6	20.3	21.3	25.9	30.4	34.8	38.6
MEAN	0.75	26.2	13.4	2.30	3.32	1.79	0.68	0.69	0.86	0.98	1.12	1.29
ACRE-FEET	46.	1,560.	822.	141.	185.	110.	40.	42.	51.	60.	69.	77.

Remarks:

YEAR MEAN 4.42
OR
PERIOD ACRE-FEET 3,200.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F181-R

Daily discharge, in second-feet of MONTEBELLO STORM DRAIN above Rio Hondo for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	b 1.2	0.6	0.4	0.5	1.6	1.8	37	0.5	0.6	1.0	1.8	5.0
2	1.1	1.0	36	0.5	1.7	1.8	1.1	0.6	0.8	1.0	2.0	0.5
3	1.0	0.8	125	0.5	1.8	1.4	0.5	0.6	0.8	1.0	2.2	0.5
4	0.9	1.0	2.8	0.5	1.7	5.2	5.1	0.6	0.8	1.1	1.8	0.5
5	0.8	0.6	133	0.6	1.7	1.0	0.5	0.6	0.8	1.1	1.7	0.5
6	b 0.7	1.0	87	0.6	1.7	0.8	0.5	0.6	0.6	1.7	1.2	0.6
7	0.8	195	2.3	0.6	1.7	0.5	6.7	0.6	1.1	1.7	1.0	0.6
8	0.8	1.4	1.1	0.6	1.2	0.5	0.6	0.6	0.6	1.1	0.8	0.6
9	0.8	0.5	0.6	0.6	1.2	0.6	0.6	1.1	0.6	1.2	1.0	0.5
10	6.1	0.6	0.6	0.6	1.2	3.1	0.4	1.0	0.6	1.2	1.1	0.5
11	1.0	0.6	0.6	0.6	1.2	24	40	0.8	0.6	1.2	1.4	0.9
12	0.8	0.6	0.6	0.5	1.1	33	0.4	1.0	1.5	1.2	1.4	0.6
13	0.5	0.4	0.6	0.6	1.2	36	0.3	1.0	0.6	1.2	1.0	0.6
14	0.6	0.5	0.6	0.6	1.2	13	0.4	1.0	0.8	1.2	1.1	1.0
15	0.6	0.6	0.6	0.6	1.4	0.5	0.5	1.0	0.8	1.2	1.2	0.6
16	0.8	0.3	0.8	0.5	1.4	0.5	0.4	1.1	1.0	1.6	1.2	0.8
17	0.5	0.4	0.8	0.8	0.8	0.5	0.5	1.0	0.8	1.6	1.2	0.6
18	0.5	0.4	0.6	0.6	0.6	0.6	34	1.0	1.0	1.6	1.0	0.5
19	0.6	0.4	0.5	0.6	0.6	0.6	16.3	1.0	0.8	1.6	0.8	0.4
20	0.6	4.6	0.4	0.6	1.0	0.6	6.8	1.1	0.8	1.7	0.8	0.4
21	0.6	0.4	0.3	0.4	1.0	0.6	70	1.0	1.0	1.6	0.6	0.4
22	0.6	0.4	0.2	210	1.0	0.5	16.2	1.1	1.1	1.4	0.6	0.4
23	0.6	0.5	0.2	9.1	1.4	0.5	0.8	1.1	1.0	1.4	0.5	0.5
24	0.6	0.5	0.4	288	1.4	0.6	19.1	1.1	1.0	1.4	0.4	0.4
25	0.8	0.4	0.3	4.0	3.5	0.5	0.8	1.0	0.8	1.4	0.5	0.4
26	0.8	0.4	0.2	1.1	0.8	0.5	0.8	1.0	0.8	1.2	0.5	2.9
27	0.6	0.4	0.4	0.8	1.0	0.3	0.6	0.8	1.0	1.4	0.4	0.5
28	0.4	0.4	0.5	0.8	1.4	0.3	3.9	0.8	1.0	1.2	0.6	11.7
29	0.6	0.5	0.5	0.6		0.2	0.6	0.5	1.0	1.2	0.8	0.4
30	0.6	1.0	0.6	0.5		0.3	0.6	0.6	1.0	1.4	1.0	0.6
31	0.5		0.6	1.3		24		0.8		1.6	1.2	
	27.4	216.2	399.1	537.0	37.5	154.3	266.0	26.6	25.7	41.4	32.8	34.3
MEAN	0.92	7.21	12.9	17.3	1.34	4.98	8.83	0.86	0.86	1.33	1.06	1.14
ACRE-FEET	54.	429.	792.	1,060.	74.	306.	528.	53.	51.	82.	65.	68.

Remarks:

YEAR MEAN 4.93
OR
PERIOD ACRE-FEET 3,560.

STATION F118B-R

PACOIMA CREEK FLUME below Pacoima Dam

LOCATION: LAT. 34°20'07", LONG. 118°23'52", ON THE RIGHT (NORTH) SIDE ABOUT 500 FEET DOWNSTREAM OF DAM AND 4 MILES NORTHEAST OF SAN FERNANDO. ELEVATION OF ZERO GAGE HEIGHT 1,643.5 FEET.

DRAINAGE AREA: 28.2 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - GRAVEL AND BOULDERS ABOVE AND BELOW CONCRETE FLUME.
CONTROL - 10-FOOT SAN DIMAS-TYPE RUBBLE AND CONCRETE FLUME WITH REMOVABLE 90° V-NOTCH WEIR FOR LOW FLOWS.

DISCHARGE MEASUREMENTS: FROM FOOTBRIDGE OVER FLUME.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1955 TO SEPTEMBER 30, 1957.

REGULATION AND DIVERSION: REGULATION - REGULATED BY PACOIMA DAM.
DIVERSION - WATER PASSING OVER PACOIMA DAM SPILLWAY ENTERS PACOIMA CREEK BELOW STATION F118B-R.

RECORDS AVAILABLE: AT STATION U13-R, PACOIMA CREEK NEAR SAN FERNANDO, CALIFORNIA, FROM MARCH 1916 TO SEPTEMBER 1929, AT THE OFFICE OF THE UNITED STATES GEOLOGICAL SURVEY. RECORDS BASED ON DAM OUTFLOW RECORDS AND GAGE READINGS AT THE PARSHALL FLUME, OCTOBER 1, 1929 TO MARCH 23, 1933, AT THE DISTRICT OFFICE. AT STATION F118-R, 450 FEET DOWNSTREAM: MARCH 24, 1933 TO FEBRUARY 1, 1935. AT STATION F118B-R: FEBRUARY 9, 1935 TO APRIL 28, 1937; JUNE 25, 1937 TO JUNE 15, 1943; AND SEPTEMBER 15, 1943 TO SEPTEMBER 30, 1957.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 664. SECOND-FEET NOVEMBER 23.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 197. SECOND-FEET JULY 6.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1929-67
MAXIMUM: 685. SECOND-FEET MARCH 2, 1938.
MAXIMUM: 1,860. SECOND-FEET FEBRUARY 16, 1928 (AT STATION U13-R)
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: EXCELLENT.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F118B-R

Daily discharge, in second-feet of PACOIMA CREEK FLUME below Pacoima Dam, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	+	96	112	b 0.1	b 0.1	16.5	+	+	+	23	+
2			102	112	0.1	0.1	13.1				22	
3			130	92	0.1	0.1	b 0.1				7.5	
4			117	77	0.1	0.1	0.1				0.1	
5			119	76	0.1	0.1	0.1				0.1	
6			117	74	0.1	0.1	0.1				+	
7			116	72	0.1	0.1	0.1					
8			117	72	0.1	0.1	0.1					
9			61	72	0.1	0.1	0.1					
10			44	72	0.1	0.1	b 0.1					
11			80	66	0.1	0.1	114					
12			38	64	0.1	0.1	106					
13			120	61	0.1	0.1	134					
14			55	60	0.1	b 0.1	160					
15			40	60	0.1	0.1	152					
16			70	60	0.1	0.1	141					
17			48	58	0.1	0.1	137					
18			+	56	0.1	0.1	141					
19				90	0.1	0.1	119					
20				109	0.1	0.2	18.5					
21		+		108	0.1	0.2	+					
22		55		106	0.1	0.2						
23		480		105	0.1	0.2						
24		389		103	0.1	0.2				+		
25		330		125	0.1	0.2				29		
26		155		85	0.1	0.2				45		
27		120	+	86	0.1	0.2				38		
28		123	86	69	b 0.1	0.2				24		+
29		139	78	b 0.1		b 0.2				24		5.9
30		136	116	b 0.1		9.1	+		+	24		8.3
31	+		118	b 0.1		14.4		+		24	+	
	+	1,927	1,868	2,302.3	2.8	27.4	1,252.9	+	+	208	52.7	14.2
MEAN	+	64.2	60.3	74.3	0.10	0.88	41.8	+	+	6.71	1.70	0.47
ACRE-FEET	+	3,820.	3,710.	4,570.	5.6	54.	2,480.	+	+	413.	105.	28.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 21.0
ACRE-FEET 15,180.

7437GM Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F118B-R

Daily discharge, in second-feet of PACOIMA CREEK FLUME below Pacoima Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7.0	+	+	+	127	+	+	118	8.9	0.3	0.4	+
2	6.8	|	|	+	111	+	|	112	12.2	0.4	0.2	|
3	6.0	|	|	1.3	101	+	|	98	15.5	0.4	0.2	|
4	5.8	|	|	4.0	99	+	|	98	20	0.4	0.2	|
5	5.8	|	|	3.1	97	0.1	|	98	22	30	0.2	|
6	5.8	+	+	3.0	96	0.1	|	98	22	149	0.2	|
7	5.3	0.4	74	3.0	94	0.1	|	96	56	193	124	|
8	4.4	0.2	146	3.0	92	0.1	|	70	91	133	188	|
9	4.4	0.1	137	3.0	29	0.1	+	60	89	103	140	|
10	4.5	0.1	132	3.0	13.6	0.1	91	73	97	112	115	|
11	4.2	+	118	3.0	13.6	0.1	31	72	96	119	119	|
12	4.2	|	111	3.0	13.6	1.0	98	72	80	119	129	|
13	4.0	|	116	3.0	13.6	27	121	67	57	62	125	|
14	4.0	|	137	3.0	13.6	126	41	66	47	9.7	120	|
15	4.0	|	150	3.0	13.6	131	+	66	17.3	0.3	111	|
16	4.1	|	156	2.8	13.6	102	+	66	9.9	0.2	35	|
17	3.1	|	153	2.8	5.4	102	+	66	9.9	0.2	+	|
18	2.6	|	146	2.8	+	101	13.8	67	9.9	1.0	|	|
19	2.8	|	99	2.8	|	101	81	67	10.4	4.3	|	|
20	1.4	|	10.9	2.8	|	101	100	67	6.0	3.7	|	|
21	0.2	|	5.0	2.8	|	101	100	67	0.3	2.2	|	|
22	0.1	|	5.0	6.4	|	100	100	67	0.2	2.2	|	|
23	0.1	|	+2.5	56	+	100	120	67	0.2	2.2	|	|
24	+	|	+	31	|	100	133	67	0.3	2.2	|	|
25	|	|	|	102	0.1	99	151	67	0.3	2.2	|	|
26	|	|	|	105	+	60	144	28	0.3	2.2	|	|
27	|	|	|	100	+	13.8	144	9.6	0.3	2.2	|	|
28	|	|	|	90	+	26	145	9.2	0.3	2.2	|	|
29	|	|	|	89	|	26	149	8.2	0.3	2.2	|	|
30	|	+	|	60	|	6.3	123	8.6	0.3	2.2	|	+
31	+	|	+	100	|	1.9	|	8.9	|	1.9	+	|
	90.6	0.9	1698.4	794.6	946.7	1426.7	1385.8	2004.5	779.8	1063.8	1207.4	
MEAN	2.92	0.03	54.8	24.8	33.8	46.0	62.9	64.7	26.0	34.3	38.9	+
ACRE-FEET	180.	1.6	3,370.	1,520.	1,880.	2,830.	3,740.	3,980.	1,550.	2,110.	2,390.	+

Remarks:

YEAR OR PERIOD MEAN 32.5
ACRE-FEET 23,550.

STATION F305-R

PACOIMA DIVERSION at Branford Street

LOCATION: LAT. 34°14'06", LONG. 118°25'13", ON THE LEFT (NORTHEASTERLY) BANK, 35 FEET UPSTREAM OF BRANFORD STREET BRIDGE, 1.5 MILES SOUTH OF PACOIMA. ELEVATION OF ZERO GAGE HEIGHT 847.50 FEET.

DRAINAGE AREA: 48.8 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL, CONCRETE, RIPRAP SIDES. CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM BRANFORD STREET BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW REGULATED BY PACOIMA DAM AND LOPEZ FLOOD CONTROL BASIN.
DIVERSION - SMALL DIVERSIONS FOR IRRIGATION AT MOUTH OF CANYON; SOME WATER DIVERTED TO LOPEZ AND PACOIMA SPREADING GROUNDS DURING OPERATIONS.

RECORDS AVAILABLE: OCTOBER 30, 1953 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 4,800. SECOND-FEET NOVEMBER 17.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 3,140. SECOND-FEET JANUARY 22.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1953-67
MAXIMUM: 4,800. SECOND-FEET NOVEMBER 17, 1965.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED AND CONSTRUCTED BY THE CORPS OF ENGINEERS, DEPARTMENT OF THE ARMY; OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

7ADT6M Glb 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F305-R

Daily discharge, in second-feet of PACOIMA DIVERSION CHANNEL at Branford Street, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.3	0.3	9.1	45	6.3	1.7	1.0	1.4	0.6	1.0	1.7	0.6
2	0.3	0.3	+	48	2.5	1.4	3.7	1.0	0.4	1.0	1.4	0.8
3	0.3	0.4	52	25	1.4	1.7	0.8	1.0	0.3	1.0	1.7	0.4
4	+	0.3	+	0	1.7	1.7	0.8	0.8	0.8	1.0	1.0	0.6
5	+	0.3	0	0	1.4	1.7	0.8	0.6	0.8	0.8	1.0	0.8
6	0.3	0.6	0	0	88	1.7	0.8	1.0	0.6	1.0	1.4	0.6
7	0.3	0.4	0	1.8	2.8	1.7	1.0	0.8	0.6	1.0	1.0	0.3
8	0.3	0.3	0	0	1.7	1.7	1.0	2.4	0.8	1.0	0.8	0.3
9	0.4	0.3	29	0	1.7	1.7	1.0	4.3	1.0	1.0	1.0	+
10	0.4	0.3	0.6	0	1.4	1.7	1.0	0.8	0.6	0.8	0.8	+
11	0.4	0.3	0	0	1.4	2.8	4.1	0.4	0.6	0.8	0.8	0.4
12	0.3	0.3	3.8	0	1.4	2.4	7.1	0.4	0.6	1.0	1.4	0.4
13	0.4	0.3	+	0	1.0	2.4	3.7	0.8	0.6	1.0	1.0	0.3
14	0.3	25	1.7	2.2	1.4	2.0	+	1.0	1.0	1.0	0.8	+
15	0.3	44	1.9	+	1.4	2.4	+	0.8	0.6	1.0	0.8	0.3
16	0.4	108	2.7	1.8	1.4	2.0	+	0.8	0.6	1.0	0.8	+
17	0.6	287	1.4	0.9	1.4	2.4	0	0.6	0.4	1.0	0.8	+
18	1.0	8.2	1.7	0	1.4	1.7	+	0.6	1.0	1.0	0.8	9.6
19	1.4	3.4	1.4	1.4	1.4	1.7	+	0.6	1.0	1.0	0.8	8.2
20	0.8	3.1	2.0	7.6	1.0	2.0	1.2	1.0	1.0	1.0	0.9	3.8
21	+	2.4	1.4	0	1.0	1.7	0.6	1.0	1.0	1.0	0.8	4.2
22	0.3	234	1.4	0	1.4	1.7	0.6	0.6	1.0	1.0	0.8	3.9
23	0.3	310	1.4	2.2	1.0	1.0	0.6	0.8	1.4	1.0	0.6	3.1
24	0.3	614	1.4	0	1.4	15.9	0.8	0.8	1.4	1.0	0.6	2.0
25	0.3	243	1.4	0	4.1	2.1	0.8	1.0	0.6	1.0	0.6	1.4
26	0.3	52	1.4	1.3	2.4	0.8	1.4	0.6	0.8	+	0.6	1.0
27	0.3	5.4	1.4	1.7	2.0	1.0	1.4	0.8	2.0	+	0.8	0.6
28	+	0	2.2	2.4	4.1	0.8	1.4	0.6	0.8	2.4	0.8	0.3
29	+	0	268	2.9		0.8	1.4	0.8	0.8	1.7	0.9	7.3
30	0.3	0	57	112		1.0	1.4	0.6	1.0	1.7	0.8	2.8
31	0.3		30	1.7		0.6		0.6		2.4	0.6	
	10.9	1943.9	473.3	257.9	139.5	65.9	38.4	29.3	24.7	32.6	28.4	52.9
MEAN	0.35	64.8	15.3	8.32	4.98	2.13	1.28	0.95	0.82	1.05	0.92	1.76
ACRE-FEET	22.	3,860.	939.	512.	277.	131.	76.	58.	49.	65.	56.	105.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 8.49
ACRE-FEET 6,150.

7ADT6M Glb 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F305-R

Daily discharge, in second-feet of PACOIMA DIVERSION at Branford Street, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.0	0	+	0.8	0	1.4	18.8	13.4	1.4	0.8	0.8	14.7
2	1.0	0	23	0.8	6.8	1.7	4.5	6.5	0.8	1.0	0.8	26
3	0.6	0	194	0.8	0	2.4	2.8	+	1.0	1.0	0.8	2.6
4	0.3	0	8.7	0.8	0	1.0	12.7	0	1.1	1.4	0.8	+
5	0.3	1.0	38	1.0	0	1.0	3.4	1.6	0	0.8	0.8	
6	0.3	5.6	118	1.0	0	1.4	2.4	+	0	+	0.8	
7	0.3	311	0.9	1.0	0.2	2.8	12.6	0	0	0	0.6	
8	+	+	7.8	1.0	0	1.0	4.5	0	0	0	+	
9	1.4		+	1.0	2.8	1.0	5.2	1.4	0	0	0	
10	2.0		4.9	1.0	2.8	2.0	7.1	+	0	0	0	
11	2.4		7.2	1.0	2.4	22	68	0	0	0	0	
12	1.4		+	1.4	2.4	84	+	0	1.2	0	0	
13	0.8		1.4	1.7	2.4	10.9	2.6	+	0	0	0	
14	0.4		+	1.4	2.0	2.8	+	0	0	4.8	0	
15	+		2.9	1.4	2.0	10.0	6.7	0	1.4	3.4	0	
16	0		2.9	1.4	2.0	1.0	6.5	+	1.0	2.0	0	
17	1.7	+	2.9	1.4	2.0	1.4	2.4	0	1.4	1.0	0.2	
18	2.0	0.3	0	1.7	2.0	+	16.1	0	1.0	0.3	1.0	
19	1.7	+	0	2.0	3.4	0	1.9	0	1.7	+	1.4	
20	1.0	22	+	2.8	2.8	2.1	+	0	4.0	0	0.6	+
21	0.6	1.0	1.0	2.0	1.7	0	20	0	1.4	0	+	0.4
22	1.7	+	2	312	2.4	0	56	2.2	0.8	0	0.8	0.4
23	1.4	1.0	1.4	+	1.4	2.1	+	0	2.5	0.8	0.4	0.4
24	0.6	+	1.4	98	1.7	+	35	0	0.8	1.0	0.6	0.6
25	0.3	+	1.0	0	12.0	0	45	0	0.8	1.0	0.8	0.6
26	0	+	0.8	0	1.4	+	40	0	0.8	1.6	1.0	0.6
27	0	+	0.8	0	1.4	3.1	42	5.0	0.6	0.6	0.8	0.4
28	0	0.4	0.8	2.2	1.7	3.1	66	6.5	0.4	0.6	0.8	8.7
29	0	0.3	0.8	2.2		3.1	56	2.4	0.8	0.6	0.8	17.5
30	0	+	0.8	8.9		3.1	23	1.0	0.8	0.6	0.8	0.3
31	0		0.8	0.7		89		4.4		0.8	1.0	
	24.2	342.6	424.2	451.4	59.7	253.4	561.2	44.4	25.7	24.1	16.4	73.2
MEAN	0.78	11.4	13.7	14.6	2.13	8.17	18.7	1.43	0.86	0.78	0.52	2.44
ACRE-FEET	48.	680.	842.	895.	118.	503.	1,110.	88.	51.	48.	33.	145.

Remarks:

YEAR OR PERIOD MEAN 6.30
ACRE-FEET 4,560.

STATION F15-R
PACOIMA WASH at Van Nuys Boulevard

LOCATION: LAT. 34°12'22", LONG. 118°26'53", ON THE RIGHT (SOUTH) BANK, 60 FEET UPSTREAM OF VAN NUYS BOULEVARD BRIDGE, AT UPSTREAM END OF TRANSITION TO CONCRETE-LINED CHANNEL 1.5 MILES NORTH OF VAN NUYS. ELEVATION OF ZERO GAGE HEIGHT 754.12 FEET.

DRAINAGE AREA: INDETERMINATE, SUBJECT TO OPERATIONS AT PROJECT 85.

CHANNEL AND CONTROL: CHANNEL - SAND BOTTOM WITH PIPE AND WIRE SIDES, 30 FEET WIDE BY 10 FEET DEEP.
CONTROL - WEIR IN TRANSITION TO CONCRETE-LINED CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

DIVERSION AND DIVERSION: REGULATION - FLOW PARTIALLY REGULATED BY PACOIMA SPREADING GROUNDS AND PROJECT 85 DIVERSION STRUCTURE.
DIVERSION - FLOW FROM PACOIMA WASH CAN BE DIVERTED TO PROJECT 85 AT RAYMER STREET.

RECORDS AVAILABLE: OCTOBER 14, 1952 TO SEPTEMBER 30, 1967; AT STATION F16-R, DECEMBER 26, 1928 TO SEPTEMBER 9, 1952.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 125. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW MOST OF YEAR.

1966 67
MAXIMUM: 255. SECOND-FEET JANUARY 22.
MINIMUM: NO FLOW MOST OF YEAR.

1962-65
MAXIMUM: 785. SECOND-FEET NOVEMBER 15, 1952 (PRIOR TO PACOIMA DIVERSION)
MAXIMUM: 576. SECOND-FEET JANUARY 6, 1959 (AFTER PACOIMA DIVERSION)
MINIMUM: NO FLOW PART OF EACH YEAR.

ACCURACY: FAIR.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: PACOIMA WASH DIVERSION CHANNEL DIVERTS ALL OF PACOIMA WASH FLOW ABOVE SHARP STREET, EXCEPT THAT WHICH IS SPREAD IN PACOIMA SPREADING GROUNDS, TO TUJUNGA WASH. DIVERSION WAS COMPLETED PRIOR TO OCTOBER 1953. PROJECT 85 DIVERTS STORM FLOWS TO CAPACITY OF THE DOWNSTREAM CHANNEL TO TUJUNGA WASH. DIVERSION WAS COMPLETED PRIOR TO APRIL 1960.

760T4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F15-R

Daily discharge, in second-feet of PACOIMA WASH at Van Nuys Boulevard, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0.3	0	0	0	0	0	0	0
2	0	0	0	0	0.2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	5.4	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0.9	0	0	0	0	0.5	0	0	0	0
10	0	0	0.6	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	2.7	0	0	0	0	0	0	0	0	0	0
15	0	1.1	0	0	0	0	0	0	0	0	0	0
16	0	11	0	0	0	0	0	0	0	0	0	0
17	0	14	0	0	0	0	0	0	0	0	0	0
18	0	1.0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	26	0	0	0	0	0	0	0	0	0	0
23	0	2.7	0	0	0	0	0	0	0	0	0	0
24	0	6.0	0	0	0	0.1	0	0	0	0	0	0
25	0	1.5	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	35	0		0	0	0	0	0	0	0
30	0	0	0	9.4		0	0	0	0	0	0	0
31	0		0	0		0		0		0	0	
	0	66.0	36.5	9.4	5.9	0.1	0	0.5	0	0	0	0
MEAN	0	2.20	1.18	0.30	0.21	+	0	0.02	0	0	0	0
ACRE-FEET	0	131.	72.	19.	12.	0.2	0	1.0	0	0	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.32
ACRE-FEET 235.

78D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F15-R

Daily discharge, in second-feet of PACOIMA WASH at Van Nuys Boulevard, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	3.0	0	0	0	0	1.1
2	0	0	2.1	0	0	0	0.6	0	0	0	0	0
3	0	0	7.0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1.3	0	0	0	0	0
5	0	0	6.7	0	0	0	0	0	0	0	0	0
6	0	0	4.2	0	0	0	0	0	0	0	0	0
7	0	24	0	0	0	0	0.8	0	0	0	0	0
8	0	+	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0.2	3.1	0	0	0	0	0
12	0	0	0	0	0	9.9	0	0	0	0	0	0
13	0	0	0	0	0	1.7	0	0	0	0	0	0
14	0	0	0	0	0	0.7	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	2.4	0	0	0	0	0
19	0	0	0	0	0	0	0.6	0	0	0	0	0
20	0	3.0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0.9	0	0	0	0	0
22	0	0	0	25	0	0	1.3	0	0	0	0	0
23	0	0	0	+	0	0	0	0	0	0	0	0
24	0	0	0	5.9	0	0	0.7	0	0	0	0	0
25	0	0	0	+	0.1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1.9	0	0	0	0	+
29	0	0	0	0		0	+	0	0	0	0	2.2
30	0	0	0	0.7		0	0	0	0	0	0	0
31	0		0			4.4		0		0	0	
	0	27.0	20.0	31.6	0.1	16.9	16.6	0	0	0	0	3.3
MEAN	0	0.90	0.64	1.02	+	0.55	0.55	0	0	0	0	0.11
ACRE-FEET	0	54.	40.	63.	0.2	34.	33.	0	0	0	0	6.5

Remarks:

YEAR OR PERIOD MEAN 0.32
ACRE-FEET 231.

STATION F122-R

PALLETT CREEK at Valyermo Highway

LOCATION: LAT. 34°27'38", LONG. 117°51'53", ON THE LEFT (WEST) BRIDGE ABUTMENT UPSTREAM SIDE OF VALYERMO HIGHWAY BRIDGE, 1.3 MILES NORTH OF VALYERMO RANGER STATION, 5 MILES SOUTHEAST OF PEAR BLOSSOM. ELEVATION OF ZERO GAGE HEIGHT 3.535± FEET.

DRAINAGE AREA: 18.3 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND AND GRAVEL.
CONTROL - BRIDGE CULVERT FOR EXTREMELY HIGH FLOWS.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM VALYERMO HIGHWAY BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - NONE.

RECORDS AVAILABLE: OCTOBER 31, 1961 TO SEPTEMBER 30, 1967. PREVIOUS MEASUREMENTS AT STATION F122-S.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 176. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 6.6 SECOND-FEET DECEMBER 6.
MINIMUM: 0.3 SECOND-FOOT AT VARIOUS TIMES.

1961-67
MAXIMUM: 259. SECOND-FEET FEBRUARY 11, 1962.
MINIMUM: NO FLOW PART OF MOST YEARS.

ACCURACY: FAIR.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

7EDT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F122-R

Daily discharge, in second-feet of PALLETT CREEK at Valyermo Highway, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0.1	6.7	0.9	1.9	2.1	2.0	1.3	0.8	0.7	0.6
2	0	0	0.1	3.6	0.9	1.9	2.1	2.0	1.3	0.8	0.7	0.6
3	0	0	0.1	2.5	1.0	1.9	2.1	2.0	1.3	0.8	0.8	0.6
4	0	0	0.1	2.3	1.1	2.0	2.0	1.9	1.2	1.0	0.8	0.6
5	0	0	0.1	2.3	1.4	2.0	2.1	1.8	1.3	1.3	0.7	0.5
6	0	0	0.2	2.3	2.2	2.1	2.2	1.8	1.3	1.6	0.7	0.5
7	0	0	0.2	2.3	2.1	2.1	2.2	1.8	1.3	1.2	0.6	0.5
8	0	0	0.1	2.1	2.2	2.2	2.2	1.9	1.5	0.9	0.6	0.5
9	0	0	+	2.0	2.1	2.2	2.2	1.9	1.4	0.6	0.6	0.5
10	0	0		1.9	2.1	2.2	2.1	1.8	1.3	0.6	0.5	0.5
11	0	0		1.8	1.9	2.2	2.0	1.8	1.1	0.7	0.5	0.5
12	0	0	+	1.6	1.9	2.2	2.0	1.8	1.1	0.7	0.6	0.5
13	0	0	0.1	1.6	1.8	2.2	2.0	2.0	0.8	0.7	0.6	0.5
14	0	0	0.1	1.4	1.8	2.2	2.0	1.8	0.5	0.6	0.6	0.6
15	0	0	0.1	1.3	1.8	2.2	2.1	1.7	0.5	0.7	0.5	0.6
16	0	0	0.1	1.3	1.8	2.2	2.1	1.7	0.8	0.7	0.5	0.5
17	0	4.0	0.1	1.1	1.9	2.2	2.2	1.6	0.9	0.7	0.5	0.5
18	0	1.4	0.1	1.0	1.8	2.2	2.4	1.6	1.1	0.7	0.5	0.5
19	0	0	0.1	1.0	1.8	2.2	2.4	1.6	1.3	0.6	0.6	0.5
20	0	0	0.1	0.9	1.8	2.2	2.5	1.6	1.4	0.7	0.6	0.5
21	0	0	0.1	0.8	1.8	2.2	2.4	1.6	1.4	0.7	0.6	0.5
22	0	17	0.1	0.7	1.9	2.2	2.4	1.7	1.4	0.7	0.7	0.5
23	0	23	0.1	0.7	2.0	2.2	2.2	1.8	1.4	0.5	0.7	0.5
24	0	10	0.1	0.6	2.0	2.4	2.2	1.8	1.4	0.5	0.5	0.5
25	0	3.3	0.1	0.6	2.1	2.4	2.1	1.8	1.3	0.5	0.5	0.5
26	0	1.4	0.1	0.6	2.1	2.1	1.9	1.6	0.9	0.5	0.5	0.5
27	0	0.6	0.1	0.7	2.0	2.1	1.8	1.6	0.8	0.5	0.6	0.5
28	0	0.5	0.1	0.7	2.0	2.1	2.0	1.5	0.8	0.5	0.6	0.5
29	0	0.4	52	0.8		2.1	1.9	1.3	0.8	0.6	0.6	0.5
30	0	0.2	53	1.0		2.1	1.9	1.0	0.8	0.8	0.6	0.5
31	0		17	0.8		2.1		1.1		0.8	0.6	
	0	61.8	124.6	49.0	50.2	66.5	63.8	52.9	33.7	23.0	18.7	15.6
MEAN	0	2.06	4.02	1.58	1.79	2.14	2.13	1.71	1.12	0.74	0.60	0.52
ACRE-FEET	0	123.	247.	97.	100.	132.	127.	105.	67.	46.	37.	31.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 1.53
ACRE-FEET 1,110.

7EDT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F122-R

Daily discharge, in second-feet of PALLETT CREEK at Valyermo Highway, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.6	0.4	0.5	0.6	0.7	0.5	0.6	a 0.5	1.0	0.8	1.1	a 1.5
2	0.6	0.4	0.5	0.6	0.7	0.5	0.5	a 0.4	1.1	e 0.8	1.1	1.6
3	0.6	0.4	0.7	0.6	0.7	0.5	0.5	a 0.4	1.1	0.8	1.1	1.6
4	0.6	0.4	0.7	0.6	0.6	0.5	0.5	0.6	1.1	0.9	1.1	1.6
5	0.6	0.4	0.7	0.6	0.6	0.5	0.5	0.7	1.1	e 0.9	1.1	1.6
6	0.6	0.4	3.8	0.6	0.6	0.5	0.5	0.7	1.1	0.9	1.1	a 1.6
7	0.6	0.9	1.7	0.5	0.5	0.5	0.5	0.7	1.1	0.9	1.1	1.6
8	0.6	0.3	0.6	0.5	0.5	0.5	0.5	1.0	1.1	0.9	1.1	1.6
9	0.6	b 0.3	0.6	0.5	0.5	0.5	0.5	2.0	1.0	0.9	1.1	1.5
10	0.6	0.3	0.6	0.5	0.5	0.5	0.5	3.7	1.0	0.9	1.1	1.5
11	0.6	0.3	0.7	0.5	0.5	0.5	0.6	3.4	1.0	0.9	1.1	1.4
12	0.6	0.4	0.7	0.5	0.6	0.5	0.5	2.8	0.9	0.9	1.2	1.4
13	0.6	0.4	0.7	0.5	0.6	0.5	0.5	2.7	0.9	1.0	1.3	1.3
14	0.6	b 0.4	0.7	0.5	0.6	0.5	0.5	2.4	0.8	1.0	1.3	1.3
15	0.6	0.4	0.7	0.5	0.6	0.5	0.6	2.2	0.8	1.0	1.3	1.3
16	0.6	0.5	0.7	0.5	0.6	0.5	0.6	2.2	0.8	1.1	1.3	1.3
17	0.6	0.5	0.7	0.5	0.6	0.5	0.6	2.1	0.8	1.1	a 1.3	1.2
18	0.6	0.5	0.7	0.5	0.6	0.5	0.7	2.1	1.0	1.2	1.3	1.2
19	0.5	0.5	0.7	0.6	0.7	0.4	0.6	2.1	1.0	1.2	1.3	1.1
20	0.5	0.5	0.7	0.7	0.7	0.4	0.6	2.1	1.0	1.2	1.3	1.1
21	0.5	0.5	0.7	0.7	0.7	0.5	0.5	2.0	0.9	1.1	1.3	1.2
22	0.5	0.5	0.7	1.0	0.7	0.5	0.5	1.8	0.9	1.1	1.3	1.2
23	0.5	0.5	0.7	1.0	0.6	0.5	0.5	1.5	b 0.9	1.1	1.4	1.2
24	0.5	0.5	0.7	1.5	0.6	0.5	0.5	1.4	0.8	1.0	1.4	1.3
25	0.4	0.5	0.7	0.9	0.5	0.5	0.4	1.3	0.8	1.0	1.4	1.3
26	0.4	0.5	0.7	0.7	0.5	0.5	0.4	1.1	0.8	1.0	1.4	1.3
27	0.4	0.5	0.6	0.7	0.5	0.5	0.4	1.1	b 0.7	1.1	1.4	1.3
28	0.4	0.5	0.6	0.7	0.5	0.5	0.4	1.1	0.7	1.1	1.5	1.4
29	0.4	0.5	0.6	0.7		0.5	0.4	1.1	0.8	1.1	1.5	1.3
30	0.4	0.5	0.6	0.7		0.5	0.5	1.1	0.8	1.1	a 1.5	1.3
31	0.4		0.6	0.7		0.5		1.0		1.1	1.5	
	16.6	13.6	24.6	20.2	16.6	15.3	15.4	49.3	27.8	31.1	39.3	41.1
MEAN	0.54	0.46	0.79	0.65	0.59	0.49	0.51	1.59	0.93	1.00	1.27	1.37
ACRE-FEET	33.	27.	49.	40.	33.	30.	31.	98.	55.	62.	78.	82.

Remarks:

YEAR OR PERIOD MEAN 0.85
ACRE-FEET 618.

STATION F40–R

PUDDINGSTONE CREEK below Puddingstone Dam

LOCATION: LAT. 34° 05' 33", LONG. 117° 48' 38", ON THE RIGHT (EAST) BANK, 1,000± FEET BELOW PUDDINGSTONE DAM NEAR SAN DIMAS. ELEVATION OF ZERO GAGE HEIGHT 824.80.

DRAINAGE AREA: 32.3 SQUARE MILES. INCLUDING AREAS CONTROLLED BY SEVERAL DAMS IN MOUNTAIN TRIBUTARIES.

CHANNEL AND CONTROL: CHANNEL - ROCK AND SAND.
CONTROL - REINFORCED CONCRETE CIPOLETTI WEIR WITH A 25 FOOT CREST AND 3 FOOT DEPTH AND A CIPOLETTI WEIR NOTCH IN CENTER WITH A 24 INCH CREST AND 18 INCH DEPTH.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: PUDDINGSTONE DAM; SAN DIMAS CREEK REGULATED BY SAN DIMAS DAM AND PUDDINGSTONE DIVERSION DAM, CAN BE DIVERTED TO PUDDINGSTONE RESERVOIR AT PUDDINGSTONE DIVERSION DAM. METROPOLITAN WATER DISTRICT AQUEDUCT OCCASIONALLY DISCHARGES INTO PUDDINGSTONE DIVERSION CHANNEL AND RELEASES IMPORTED WATER INTO LIVE OAK WASH BELOW SEVENTH STREET, LA VERNE, SAN DIMAS WATER COMPANY DIVERTS OUTFLOW FROM DAM ABOVE STATION.

RECORDS AVAILABLE: DECEMBER 28, 1927 TO SEPTEMBER 30, 1957

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 112 SECOND-FEET DECEMBER 13.
MINIMUM: PLUS FLOW MOST OF THE YEAR.

1966–67
MAXIMUM: 159 SECOND-FEET MAY 5
MINIMUM: PLUS FLOW MOST OF THE YEAR.

1929–67
MAXIMUM: 414 SECOND-FEET APRIL 26, 1957.
MINIMUM NO FLOW AUGUST 1951

ACCURACY: GOOD

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

760T4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F40-R

Daily discharge, in second-feet of PUDDINGSTONE CREEK below Puddingstone Dam for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11.9	e 0.05	+	16.6	e 0.1	e 0.1	e 0.05	e 0.05	e 0.05	e 0.05	e 0.05	e 0.02
2	3.9	0.05		16.6	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.02
3	2.1	0.05		33	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.02
4	2.4	0.05		51	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.02
5	2.3	0.05		40	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.02
6	1.0	0.05		24	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.02
7	0.9	0.05		24	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.02
8	0.9	0.05		24	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
9	0.9	0.05	+	23	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
10	0.7	0.05	64	23	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
11	0.7	0.05	103	22	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
12	0.7	0.05	105	22	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
13	0.6	0.05	109	22	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
14	0.6	e 0.05	110	22	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
15	0.6	7.5	110	22	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
16	0.6	6.9	110	22	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
17	0.6	e 0.05	92	22	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
18	0.6	0.05	0.4	23	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
19	0.6	0.05	+	23	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
20	0.4	0.05	+	22	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05
21	0.4	e 0.05	0.1	22	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
22	0.4	1.7	0.05	22	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
23	0.4	0.6	0.05	22	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
24	0.4	1.0	0.05	36	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
25	0.3	e 0.05	0.05	56	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
26	0.3	0.05	0.05	33	0.1	0.05	0.05	0.05	0.05	0.05	0.01	0.05
27	0.3	0.05	0.05	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.01	0.05
28	0.3	0.05	0.05	0.1	e 0.1	0.05	0.05	0.05	0.05	0.05	0.01	0.05
29	0.3	0.05	1.5	0.1		0.05	0.05	0.05	0.05	0.05	0.01	0.05
30	0.3	e 0.05	0.4	0.4		0.05	e 0.05	0.05	e 0.05	0.05	0.01	e 0.05
31	0.4		8.3	0.1		e 0.05		e 0.05		e 0.05	e 0.01	
	36.8		814.05		2.8		1.50		1.50		1.31	
		18.95		689.0		2.55		1.55		1.55		1.29
MEAN	1.18	0.63	26.3	22.2	0.10	0.08	0.05	0.05	0.05	0.05	0.04	0.04
ACRE-FEET	73.	37.6	1,610.	1,370.	5.6	5.1	3.0	3.1	3.0	3.1	2.6	2.6

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 4.31
ACRE-FEET 3,120.

7RDT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F40-R

Daily discharge, in second-feet of PUDDINGSTONE CREEK below Puddingstone Dam, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.03	0.03	0.1	0.3	92	0.03	v 0.1	80	0.03	0.03	0.03	0.03
2	0.03	0.02	0.3	0.3	121	0.03	0.05	80	0.03	0.03	0.03	0.03
3	0.03	0.02	0.7	3.2	151	0.03	3.4	75	0.03	0.03	0.03	0.03
4	0.03	0.02	0.3	10.5	149	0.03	6.0	80	0.03	0.03	0.03	0.03
5	0.03	0.02	3.4	10.5	146	0.03	0.05	121	0.03	0.03	0.03	0.03
6	0.03	0.02	2.4	10.5	87	0.03	6.1	157	0.04	0.03	0.03	0.03
7	0.03	0.7	12.9	10.5	26	0.03	9.3	155	0.04	0.03	0.03	0.03
8	0.03	0.05	22	10.5	8.7	0.03	9.3	89	0.04	0.04	0.03	0.03
9	0.03	0.05	90	3.6	0.05	0.03	9.3	52	0.04	0.04	0.03	0.03
10	0.03	0.05	120	0.05	0.05	0.03	6.5	54	0.04	0.04	0.03	0.03
11	0.03	0.05	127	0.05	0.05	0.03	v 0.1	56	0.05	0.05	0.03	0.03
12	0.03	0.05	127	0.05	0.05	v 0.1	0.05	56	0.05	0.05	0.03	0.03
13	0.03	0.05	127	0.05	0.05	0.03	0.05	56	0.05	0.05	0.03	0.03
14	0.03	0.05	127	0.05	0.05	0.03	0.05	56	0.05	0.04	0.03	0.03
15	0.03	0.05	125	0.05	0.05	0.03	0.05	19.3	0.05	0.04	0.03	0.03
16	0.03	0.05	125	0.05	0.05	0.03	0.05	v 0.1	0.05	0.04	0.03	0.03
17	0.03	0.05	125	0.05	0.05	0.03	0.05	0.03	0.04	0.03	0.03	0.03
18	0.03	0.05	125	0.05	0.05	0.03	v 0.1	0.03	0.04	0.03	0.03	0.03
19	0.03	0.05	123	0.05	0.05	0.03	v 0.1	0.03	0.03	0.03	0.03	0.03
20	0.03	0.05	123	0.05	0.05	0.03	2.2	0.03	0.03	0.03	0.03	0.03
21	0.03	0.05	109	0.05	0.05	0.03	3.7	0.03	0.03	0.03	0.03	0.03
22	0.03	0.05	97	1.3	0.05	0.03	3.7	0.03	0.03	0.03	0.03	0.03
23	0.03	0.05	72	13.8	0.05	0.03	3.7	0.03	0.03	0.03	0.03	0.03
24	0.03	0.05	56	17.4	0.05	0.03	3.7	0.03	0.03	0.03	0.03	0.03
25	0.03	0.05	56	15.6	0.05	0.03	3.7	0.03	0.03	0.03	0.03	0.03
26	0.03	0.05	56	26	0.05	0.03	3.4	0.03	0.03	0.03	0.03	0.03
27	0.03	0.05	56	56	0.05	33	33	0.03	0.03	0.03	0.03	0.03
28	0.03	0.05	56	92	0.05	36	72	0.03	0.03	0.03	0.03	0.03
29	0.03	0.05	56	90		9.1	80	0.03	0.03	0.03	0.03	0.03
30	0.03	0.05	28	61		10.5	80	0.03	0.03	0.03	0.03	0.03
31	0.03		0.3	75		0.05		0.03		0.03	0.03	
	0.93	1.98	2148.4	508.6	780.7	89.50	339.8	1,185.85	1.09	1.05	0.93	0.90
MEAN	0.03	0.07	69.3	16.4	27.9	2.9	11.3	38.3	+	+	0.03	0.03
ACRE-FEET	1.8	3.9	4,260.	1,009.	1,550.	178.	674.	2,350.	2.1	2.0	1.8	1.8

Remarks:

YEAR OR PERIOD MEAN 13.9
ACRE-FEET 9,970.

STATION F192B-R
RIO HONDO at Lower Azusa Road

LOCATION: LAT. 34°05'30", LONG. 118°01'53", ON THE RIGHT (WEST) BANK, ABOUT 300 FEET DOWNSTREAM OF LOWER AZUSA ROAD AND ABOUT 1.5 MILES NORTH OF EL MONTE. ELEVATION OF ZERO GAGE HEIGHT 278.73 FEET.

DRAINAGE AREA: 40.9 SQUARE MILES. (EXCLUDES DRAINAGE ABOVE SANTA FE DAM)

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL CONCRETE, 140 FEET WIDE AT TOP, 80 FEET WIDE AT BOTTOM BY 14 FEET DEEP.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR AT THE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW PARTIALLY REGULATED BY SIERRA MADRE DAM, BIG SANTA ANITA DAM, SAWPIT DAM, SPILLWAY AND DIVERSION AT SANTA FE DAM, PECK ROAD PIT, BUENA VISTA PIT AND SEVERAL DEBRIS BASINS. DIVERSION - THE CITY OF MONROVIA DIVERTS WATER FROM SAWPIT AND MONROVIA CREEKS; THE CITY OF SIERRA MADRE DIVERTS WATER FROM LITTLE SANTA ANITA CANYON, SAN GABRIEL RIVER TO RIO HONDO BELOW SANTA FE DAM OCCASIONALLY, AND SEVERAL DIVERSIONS FOR IRRIGATION AND SPREADING GROUNDS.

RECORDS AVAILABLE: STREAM MEASUREMENTS ONLY - FEBRUARY 22, 1932 TO MARCH 29, 1932. (FOR OTHER RECORDS PRIOR TO MARCH 29, 1932, SEE STATE DIVISION OF WATER RIGHTS BULLETIN). AT STATION F192-R, MARCH 29, 1932 TO MAY 7, 1958; AT STATION F192B-R - DECEMBER 18, 1958 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1,440. SECOND-FEET NOVEMBER 24.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 438. SECOND-FEET JANUARY 22 AND 24.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1932-67
MAXIMUM: 31,000. SECOND-FEET ESTIMATED MARCH 2, 1932.
MINIMUM: NO FLOW FOR MOST OF YEAR FOR SEVERAL YEARS.

ACCURACY: FAIR.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

TEDTAM Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F192B-R

Daily discharge, in second-feet of RIO HONDO at Lower Azusa Road, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	+	0.1	58	189	0	+	+	+	0	+	0
2	|	|	0.1	30	203	0	|	|	|	+	|	+
3	|	|	0.4	0.1	175	0	|	|	|	|	|	0
4	|	|	0.3	+	59	0	|	+	|	|	|	0
5	|	|	0.2	+	2.3	0	|	0	|	|	|	0
6	|	|	0.2	+	23	+	|	0	+	|	|	0
7	|	|	0.2	171	1.2	|	+	+	0	|	|	0
8	|	|	0.2	230	0.4	|	0	+	0	|	|	0
9	|	|	12.3	203	0.4	|	0	0.5	+	|	|	0
10	|	+	1.8	122	0.2	+	0	+	|	|	|	0
11	|	0	0.4	61	+	0	0	+	|	|	|	0
12	|	+	3.5	61	|	+	0	0	|	+	|	0
13	+	+	0.3	54	|	+	0	+	|	0	|	+
14	0	8.0	2.7	24	|	+	0	|	|	+	|	0
15	0	12.9	0.1	19.8	|	0	0	|	|	|	|	0
16	0.1	23.0	0.1	26	|	+	0	|	|	|	|	+
17	+	26.0	0.2	24	|	|	0	|	|	|	|	0
18	|	0.9	0.3	22	|	|	0.3	+	|	|	|	5.3
19	|	+	0.2	17.8	|	|	0.8	0	|	|	|	0.3
20	|	+	+	17.8	|	|	0.3	+	|	|	+	+
21	|	+	0	19.8	|	|	0.8	|	+	|	0	0.3
22	|	48	0.4	15.9	|	|	0.5	0	0	|	0	0.3
23	|	9.1	+	13.6	|	+	0.5	|	0	|	0	+
24	|	261	0	15.9	+	10.6	0.8	+	0	|	0	|
25	|	141	0	14.4	0	2.8	0.8	0	+	|	0	|
26	|	26	0	0.1	0	+	0.3	0	|	|	+	|
27	|	1.9	0	+	+	+	0.8	+	|	|	0	|
28	|	0.6	+	+	+	0	0.8	0	|	|	0	+
29	|	0.3	57	+	|	0	0.5	+	|	|	+	0.2
30	|	0.1	68	15.1	|	0	+	0	+	|	0	+
31	+	|	89	90	|	0	|	|	|	+	0	|
	0.1	558.8	238	1,326.3	653.5	13.4	7.2	0.5	+	+	+	5.8
MEAN	+	18.6	7.68	42.8	23.3	0.43	0.24	0.02	+	+	+	0.19
ACRE-FEET	0.2	1,110.	472.	2,630.	1,300.	27.	14.	1.0	+	+	+	12.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 7.68
ACRE-FEET 5,570.

TEDTAM Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F192B-R

Daily discharge, in second-feet of RIO HONDO at Lower Azusa Road, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	0.8	0.8	1.2	75	+	5.2	3.9	0.8	0.3	0	24
2	|	0.8	6.0	0.8	120	+	0.1	4.2	0.8	0.3	0	17.9
3	|	1.6	26	0.4	56	+	+	6.9	0.8	0.2	0	17.8
4	+	1.6	0.4	0.4	0.8	0.5	0.8	3.9	0.8	0.2	0	15.9
5	0	1.6	24	0.1	0.6	+	+	3.9	0.8	0.3	0	18.5
6	+	1.6	15.6	+	0.4	|	+	2.3	0.8	0.3	0	19.8
7	|	39	0.1	|	0.3	|	1.4	1.6	0.8	0.4	0	19.8
8	|	+	75	|	0.1	|	+	1.2	0.8	0.4	0	16.4
9	+	0.1	175	|	+	|	+	1.6	0.6	0.4	7.4	17.8
10	0.4	0.8	130	|	|	+	+	1.2	0.8	0.4	20.0	17.8
11	+	0.8	105	|	|	2.2	37	0.8	0.8	0.4	23	17.3
12	+	0.8	95	|	+	4.4	31	0.8	1.2	0.4	23	17.8
13	0	0.6	95	|	0	15.6	8.9	0.8	0.6	0.4	23	15.9
14	+	0.8	95	|	0	3.8	1.2	0.6	0.6	0.4	24	14.2
15	|	1.2	95	|	0	+	0.6	0.4	0.6	0.4	24	15.9
16	|	0.6	95	|	0	+	0.6	0.4	0.6	0.4	24	15.9
17	+	1.2	100	+	+	+	0.4	0.4	0.6	0.3	21	15.9
18	0	1.2	95	0	+	16	10.4	0.6	0.6	0.3	22	14.7
19	+	0.8	120	0	+	48	3.6	0.6	0.6	0.3	22	14.4
20	+	0.8	138	0	0	76	0.6	0.6	0.6	0.3	9.4	14.8
21	+	0.8	144	0	0	100	12.2	0.8	0.4	0.2	10.4	14.7
22	0	1.6	144	49	+	114	4.6	0.6	0.3	0.1	23	13.7
23	+	0.8	132	2.2	|	120	1.2	0.6	0.1	0.2	23	13.6
24	+	a 0.8	100	77	|	114	6.8	0.6	0.1	+	22	13.6
25	0.4	0.8	95	0.3	|	81	1.2	0.8	0.2	|	19.2	13.6
26	0.4	0.8	86	0.1	|	28	1.2	0.8	0.3	|	15.8	16.9
27	0.8	0.8	131	66	|	0.8	1.2	0.8	0.3	|	11.4	11.4
28	1.2	0.8	144	126	+	0.6	8.5	0.8	0.4	|	13.4	11.4
29	1.2	0.8	75	120	|	0.3	6.9	0.8	0.4	|	17.6	10.3
30	1.2	a 0.8	1.9	120	|	0.1	3.5	0.8	0.4	|	19.5	5.9
31	1.2	|	1.6	68	|	5.7	|	1.2	|	+	21	|
	6.8	65.5	2,540.4	631.5	253.2	731.0	149.1	45.3	17.5	7.3	439.1	467.5
MEAN	0.22	2.18	81.9	20.4	9.04	23.6	4.97	1.46	0.58	0.24	14.2	15.6
ACRE-FEET	13.	130.	5,040.	1,250.	502.	1,450.	296.	90.	35.	14.	871.	927.

Remarks:

YEAR OR PERIOD MEAN 14.7
ACRE-FEET 10,620.

STATION E326-R

RIO HONDO below Garvey Avenue

LOCATION: LAT. 34°03'30" LONG. 118°04'15", ON THE RIGHT (WEST) BANK, 0.3 MILE BELOW GARVEY AVENUE, 0.4 MILE BELOW RUBIO WASH AND 2.2 MILES WEST OF EL MONTE. ELEVATION OF ZERO GAGE HEIGHT ABOUT 2,201 FEET.

DRAINAGE AREA: 91.2 SQUARE MILES. (EXCLUDES DRAINAGE AREA ABOVE SANTA FE DAM.)

REGULATION AND DIVERSION: REGULATION - PARTIALLY REGULATED BY BIG SANTA ANITA DAM, SAWPIT DAM, EATON DAM AND SEVERAL DEBRIS BASINS. FLOW FROM SAN GABRIEL RIVER BELOW SANTA FE DAM IS OCCASIONALLY DIVERTED TO RIO HONDO. DIVERSION - MANY DIVERSIONS FOR DOMESTIC AND IRRIGATION USES.

RECORDS AVAILABLE: FEBRUARY 1956 TO SEPTEMBER 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 6,640. SECOND-FEET DECEMBER 29.
MINIMUM: 0.4 SECOND-FEET AT VARIOUS TIMES.

1966-67
MAXIMUM: 6,790. SECOND-FEET JANUARY 24.
MINIMUM: 0.7 SECOND-FOOT AT VARIOUS TIMES.

1956-57
MAXIMUM: 8,150. SECOND-FEET JANUARY 6, 1959.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: RECORDS FURNISHED BY THE UNITED STATES GEOLOGICAL SURVEY. THIRTY-THREE DISCHARGE MEASUREMENTS FURNISHED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

7657-CM Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E326-R

Daily discharge, in second-feet of RIO HONDO below Garvey Avenue, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.5	2.3	9.1	55	190	0.7	2.1	0.7	1.9	1.7	1.9	2.1
2	2.7	2.3	7.0	23	202	0.4	1.6	1.7	2.3	0.6	2.1	1.7
3	2.5	2.3	4.1	7.3	154	0.4	1.1	1.7	2.3	0.4	2.3	0.7
4	2.7	2.5	4.6	6.5	56	1.0	1.9	1.7	1.9	0.4	2.3	0.8
5	2.5	2.7	4.4	4.4	2.3	1.1	2.5	1.6	1.0	1.7	2.1	0.6
6	2.1	2.7	4.4	2.9	565	0.8	1.7	2.1	1.7	2.1	2.1	1.7
7	2.3	1.1	3.8	249	6.4	1.0	1.2	1.7	1.9	1.9	0.4	2.1
8	2.1	2.3	3.4	325	1.7	1.0	1.4	2.4	2.3	2.1	1.7	1.9
9	1.9	3.1	229	226	1.6	1.0	1.1	12	2.5	1.9	1.9	1.9
10	0.6	2.7	40	112	2.1	1.0	0.7	2.9	2.1	1.1	1.9	2.3
11	1.6	2.7	5.1	59	1.1	1.0	1.0	1.1	2.1	2.1	2.1	1.0
12	2.9	2.1	93	59	1.4	0.8	2.1	1.7	1.1	2.1	2.3	1.9
13	2.7	1.7	4.4	51	0.8	0.8	1.2	1.7	2.1	2.1	2.5	2.1
14	2.5	437	41	23	1.0	7.7	1.2	1.4	2.7	2.3	0.5	1.9
15	2.5	713	2.1	20	1.6	1.2	1.9	0.5	2.5	2.1	1.9	2.7
16	1.9	879	1.2	25	1.0	1.2	2.3	1.0	3.1	1.4	2.5	3.6
17	0.8	1,430	1.0	24	1.1	1.4	2.3	1.7	3.1	1.4	2.5	5.1
18	2.2	140	1.6	23	1.2	1.0	2.3	2.1	3.1	1.9	2.3	75
19	2.7	4.8	0.8	17	1.2	1.0	2.3	1.6	2.7	1.9	2.3	13
20	2.7	4.1	0.6	17	1.1	0.6	2.3	2.7	2.7	2.3	2.3	4.5
21	2.7	3.8	0.7	20	1.6	1.2	3.8	2.1	3.6	2.3	0.5	1.6
22	2.9	1,820	4.8	17	1.7	1.2	4.7	1.4	2.9	2.3	2.5	1.1
23	2.7	801	0.7	16	1.7	1.1	3.1	1.7	2.1	2.1	3.6	0.4
24	2.7	1,380	0.4	17	1.6	168	2.5	1.7	2.1	0.8	4.6	0.4
25	2.5	823	0.4	14	0.7	117	3.7	2.3	2.1	1.7	5.1	0.4
26	2.7	43	0.4	1.6	0.4	1.2	2.8	2.3	1.9	2.3	5.6	0.4
27	2.3	6.8	0.6	1.1	0.4	0.6	4.1	2.7	2.3	2.3	2.7	0.4
28	2.5	1.6	1.0	1.2	0.6	0.8	3.6	1.2	1.6	2.3	1.0	0.4
29	1.7	1.4	2,020	1.7		1.0	3.6	0.6	1.7	2.3	1.7	11
30	1.2	4.5	78	395		1.1	2.3	0.4	1.4	2.5	1.7	2.9
31	1.1		82	88		1.7		2.1		1.1	1.9	
	69.4	8,523.5	2,649.6	1,901.7	1,201.3	320.0	68.4	62.5	66.8	55.5	70.8	145.6
MEAN	2.24	2.84	85.5	61.3	42.9	10.3	2.28	2.02	2.23	1.79	2.28	4.85
ACRE-FEET	138.	16,910.	5,260.	3,770.	2,380.	635.	136.	124.	132.	110.	140.	289.

Remarks:

YEAR OR PERIOD MEAN 41.5
ACRE-FEET 30,020.

76DT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E326-R

Daily discharge, in second-feet of RIO HONDO below Garvey Avenue, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.9	2.7	2.7	1.6	73	1.7	237	6.7	2.1	1.1	3.6	33
2	2.3	3.1	388	1.1	118	1.7	4.9	7.6	2.5	0.80	3.6	14
3	1.9	3.1	970	1.1	48	1.4	2.9	8.8	2.5	2.1	3.4	16
4	2.1	3.4	7.2	1.1	1.1	8.1	9.9	6.8	1.4	1.9	3.4	17
5	2.1	3.4	697	2.1	0.80	1.6	2.9	6.4	1.7	1.9	2.5	17
6	2.1	3.8	966	1.4	1.4	1.7	2.3	4.4	2.7	2.7	1.9	19
7	2.5	1,110	36	0.80	1.6	1.9	9.4	1.9	3.1	2.5	3.1	19
8	2.5	4.8	74	1.0	1.4	1.6	1.1	2.9	2.7	2.5	3.6	17
9	1.2	2.0	166	1.6	1.4	1.4	0.70	4.4	2.3	1.1	7.6	20
10	5.9	1.9	118	1.6	1.4	2.4	3.3	4.3	1.2	2.5	18	20
11	1.9	1.9	94	1.6	1.2	77	385	2.5	1.6	3.1	19	18
12	2.5	1.4	82	1.9	0.80	269	24	2.5	8.1	2.3	18	18
13	2.3	1.4	82	1.9	1.2	278	10	1.6	4.1	2.7	19	16
14	2.3	1.7	82	1.2	1.1	43	2.3	1.4	2.3	3.6	23	16
15	2.1	1.9	82	1.2	1.0	2.2	3.1	1.9	1.9	3.0	24	18
16	1.1	1.9	82	2.3	1.0	1.6	2.9	2.3	2.7	3.0	28	18
17	1.9	1.9	82	1.6	1.2	1.6	2.9	2.3	3.4	2.7	28	18
18	2.1	1.7	94	1.0	1.2	10	224	2.3	1.7	2.7	26	16
19	2.1	1.6	124	1.1	0.80	28	80	2.3	1.7	2.7	26	16
20	1.9	5.5	112	1.2	1.4	40	7.6	2.9	2.3	2.7	16	17
21	2.3	2.8	124	0.70	2.1	70	274	2.3	2.3	2.7	9.2	17
22	2.1	5.0	130	1,370	3.1	100	164	4.1	2.1	2.9	19	16
23	1.1	2.4	112	93	3.4	112	2.3	2.9	2.1	2.9	19	16
24	1.9	1.2	100	1,610	2.3	106	106	2.9	1.6	2.9	19	16
25	1.9	1.2	100	54	6.6	70	2.5	4.0	1.2	3.1	18	16
26	2.7	1.2	100	3.4	0.80	25	2.9	3.4	1.7	3.1	17	27
27	2.7	1.1	128	62	3.4	3.1	2.9	2.7	2.9	3.6	15	16
28	2.7	1.6	166	112	1.7	3.6	11	1.7	2.3	3.6	15	29
29	2.7	2.3	69	112		3.6	10	1.9	1.9	3.6	17	15
30	1.7	2.5	1.7	142		2.9	5.4	3.0	2.1	1.6	22	10
31	2.9		1.6	63		163		7.3		2.9	23	
	69.4	1180.4	5373.2	3650.50	282.40	1433.1	1597.20	112.4	72.2	80.50	470.9	541
MEAN	2.24	39.3	173.	118.	10.1	46.2	53.2	3.63	2.41	2.60	15.2	18.0
ACRE-FEET	138.	2,340.	10,660.	7,240.	560.	2,840.	3,170.	223.	143.	160.	934.	1,070.

Remarks:

YEAR OR PERIOD MEAN 40.7
ACRE-FEET 29,480.

STATION F64-R
RIO HONDO above Mission Bridge

LOCATION: LAT. 34°01'59", LONG. 118°04'22", ON THE RIGHT (WEST) BANK ABOUT 1,000 FEET ABOVE MISSION BRIDGE (SAN GABRIEL BOULEVARD) AND 2 MILES NORTHEAST OF MONTEBELLO. ELEVATION OF ZERO GAGE HEIGHT 190.77 FEET.

DRAINAGE AREA: 115. SQUARE MILES. (EXCLUDES DRAIN AREA ABOVE SANTA FE DAM)

CHANNEL AND CONTROL: CHANNEL - SAND AND SILT.
CONTROL - NONE.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - PARTIALLY REGULATED BY SIERRA MADRE DAM, EATON DAM, SANTA FE DAM, SEVERAL DEBRIS BASINS AND SPREADING GROUNDS, AND RELEASE FROM THE METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER TO ALHAMBRA WASH.
DIVERSION: THE CITY OF PASADENA DIVERTS WATER FROM EATON CREEK; THE CITY OF MONROVIA FROM SAWPIT AND MONROVIA CREEKS; THE CITY OF SIERRA MADRE FROM LITTLE SANTA ANITA CANYON; SEVERAL DIVERSIONS FOR IRRIGATION AND SPREADING.

RECORDS AVAILABLE: JULY 1, 1928 TO SEPTEMBER 30, 1967 (FOR RECORDS PRIOR TO JULY 1928 SEE STATE DIVISION OF WATER RIGHTS BULLETINS). (RECORDS FROM MARCH 6, 1938 TO MARCH 15, 1938 ARE FOR STATION F64B-R)

EXTREMES OF DISCHARGE:
1965-66
MAXIMUM: 7,100 SECOND-FEET DECEMBER 29.
MINIMUM: 0.4 SECOND-FOOT NOVEMBER 7.

1966-67
MAXIMUM: 8,130. SECOND-FEET JANUARY 24.
MINIMUM: 3.4 SECOND-FEET NOVEMBER 2.

1928-67
MAXIMUM: 28,000. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: FAIR.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

REMARKS: WATER PURCHASED FROM THE METROPOLITAN WATER DEPARTMENT PASSES THIS STATION FOR SPREADING IN THE COASTAL BASIN.
1965-66 - 62,110. ACRE-FEET
1966-67 - 46,250. ACRE-FEET

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F64-R

Daily discharge, in second-feet of RIO HONDO above Mission Bridge, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	164	248	11	c 71	242	126	193	103	101	4.6	2.6	35
2	164	252	9.0	41	263	126	196	103	101	4.4	3.4	121
3	168	250	5.6	15	212	126	198	103	101	4.1	3.4	154
4	166	165	4.9	12	155	126	200	109	103	4.4	3.1	152
5	164	3.6	4.9	8.0	158	126	203	112	101	3.8	3.4	152
6	168	1.8	4.4	7.0	540	126	208	58	99	4.1	3.1	150
7	166	0.4	4.1	180	60	162	208	43	96	4.4	2.4	144
8	166	26	3.6	245	133	218	209	112	46	4.1	85	166
9	166	64	289	218	140	205	209	138	101	4.1	177	171
10	166	64	84	138	156	193	208	111	114	b 4.0	177	173
11	164	64	6.6	74	158	193	205	107	130	3.9	209	179
12	164	135	171	68	158	193	205	107	131	3.8	218	191
13	134	240	83	62	158	175	113	106	142	b 3.7	232	162
14	87	352	200	30	158	14	6.3	104	154	3.6	220	48
15	76	501	6.0	25	122	4.9	110	103	160	3.6	222	4.6
16	74	928	3.6	31	4.6	4.1	230	103	164	3.6	123	66
17	74	1,450	3.6	30	4.6	4.1	238	101	164	3.4	5.6	119
18	71	145	3.4	28	4.1	4.1	232	99	164	3.6	106	202
19	69	47	2.8	21	3.4	3.8	230	101	164	4.4	215	179
20	68	137	56	21	3.1	3.6	230	101	105	4.6	225	162
21	66	133	164	c 23	3.1	3.6	230	101	6.3	4.9	232	175
22	42	2,320	175	19	3.1	3.8	230	104	14	4.6	232	205
23	20	380	164	16	62	3.8	230	103	45	4.4	232	179
24	0.9	1,000	164	17	121	214	230	101	5.3	2.8	232	166
25	0.8	434	164	17	123	291	159	101	5.6	3.4	232	186
26	1.3	44	164	4.9	124	212	104	103	b 5.2	3.8	232	193
27	1.0	c 10	164	3.6	123	193	104	103	5.0	3.8	232	193
28	0.8	c 6.5	124	3.6	124	191	43	103	4.8	3.8	232	141
29	84	4.1	2,340	3.6		188	42	103	b 4.7	3.4	210	22
30	232	5.6	c 105	379		191	103	104	4.6	3.6	95	103
31	240		c 110	87		189		104		2.8	4.9	
	3,327.8	9,409.0	4,793.5	1,893.7	3,516.0	3,812.8	5,304.3	3,154	2,541.5	121.5	4,400.9	4,293.6
MEAN	107.	314.	155.	61.2	126.	123.	177.	102.	85.7	3.92	142.	140.
ACRE-FEET	6,600.	18,660.	9,510.	3,770.	6,970.	7,560.	10,520.	6,260.	5,040.	241.	8,730.	8,520.

Remarks:

YEAR OR PERIOD MEAN 128.
ACRE-FEET 92,380.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F64-R

Daily discharge, in second-feet of RIO HONDO above Mission Bridge, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	188	4.4	148	4.6	75	126	274	83	212	7.0	7.0	b 132
2	179	3.6	336	4.4	140	126	123	103	212	6.3	7.3	b 30
3	193	4.1	1,160	4.9	85	126	167	106	212	6.6	7.0	b 26
4	203	4.1	19	4.6	66	144	184	106	205	6.6	7.0	26
5	198	4.1	815	4.6	140	123	159	104	218	6.3	6.6	74
6	191	3.4	c 1,140	4.9	144	69	128	101	225	7.0	6.6	148
7	188	1,490	c 203	4.4	133	9.0	195	99	178	7.0	7.0	154
8	166	24	62	4.1	95	8.0	159	101	13	7.0	7.3	154
9	173	6.0	184	40	65	7.3	130	112	7.7	6.0	13	173
10	166	6.3	131	96	65	8.3	130	128	6.6	7.0	26	133
11	196	6.0	98	103	65	171	526	131	6.6	8.5	29	86
12	186	4.9	96	104	64	376	100	133	22	7.7	25	179
13	164	b 4.9	98	113	65	346	164	133	9.0	7.7	25	220
14	112	b 4.9	104	92	65	91	119	133	6.6	8.0	26	222
15	112	4.9	106	90	61	9.4	93	135	7.7	8.0	27	235
16	118	4.1	104	92	61	9.9	93	139	8.0	7.0	29	235
17	116	3.6	107	110	61	9.9	126	108	7.7	7.7	29	230
18	103	45	116	130	64	17	457	10	7.0	7.3	26	232
19	99	123	129	130	64	52	313	74	6.6	8.0	27	235
20	69	82	154	133	65	73	156	146	7.0	8.0	22	240
21	87	44	154	87	66	109	494	146	7.0	8.0	14	232
22	112	144	158	1,890	66	124	248	139	7.3	8.0	38	218
23	85	144	150	119	68	130	9.4	140	7.0	8.5	69	212
24	158	146	121	2,120	54	126	134	146	7.0	7.0	68	220
25	218	160	107	78	19	96	88	178	6.6	7.3	81	220
26	230	160	103	14	b 7.0	50	139	220	6.6	7.3	99	227
27	225	160	136	88	54	9.4	79	220	7.0	7.3	98	218
28	88	160	162	137	114	60	82	220	7.0	7.3	104	242
29	6.3	154	99	131		140	39	218	7.3	7.0	96	168
30	5.6	148	6.6	168		115	75	215	7.3	6.0	96	160
31	5.3		5.3	111		182		220		6.6	99	
	4,340.2	3,253.3	6,511.9	6,212.5	2,091.0	3,048.2	5,183.4	4,247.0	1,647.6	225.0	1,220.8	5,281.0
MEAN	140.	108.	210.	200.	74.7	98.3	173.	137.	55.0	7.26	39.4	176.
ACRE-FEET	8,610.	6,450.	12,920.	12,320.	4,150.	6,050.	10,280.	8,420.	3,270.	446.	2,420.	10,470.

Remarks:

YEAR OR PERIOD MEAN 118.
ACRE-FEET 85,810.

STATION F45B-R

RIO HONDO above Stewart and Gray Road

LOCATION: LAT. 33°56'48", LONG. 118°08'43", ON THE LEFT (EAST) BANK, 0.6 MILE UPSTREAM OF JUNCTION OF RIO HONDO AND LOS ANGELES RIVER AND ABOUT 1.5 MILES WEST OF DOWNEY. ELEVATION OF ZERO GAGE HEIGHT 91.4 FEET.

DRAINAGE AREA: 140 SQUARE MILES. (EXCLUDES DRAINAGE AREA ABOVE SANTA FE DAM.

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL, CONCRETE, 100 FEET WIDE AT TOP WITH 2.25:1 RIPRAPPED SLOPES.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SAME AS STATION F64-R PLUS WHITTIER NARROWS AND RIO HONDO SPREADING GROUNDS. FLOW FROM SAN GABRIEL RIVER BELOW SANTA FE DAM AND ABOVE WHITTIER NARROWS DAM IS OCCASIONALLY DIVERTED TO RIO HONDO.
DIVERSION - THE CITY OF PASADENA DIVERTS WATER FROM EATON CREEK; THE CITY OF MONROVIA DIVERTS WATER FROM MONROVIA AND SAWPIT CREEKS; THE CITY OF SIERRA MADRE DIVERTS WATER FROM LITTLE SANTA ANITA CANYON, THERE ARE ALSO SEVERAL DIVERSIONS FOR IRRIGATION AND SPREADING.

RECORDS AVAILABLE: MARCH 1928 TO APRIL 18, 1951, AND FROM OCTOBER 31, 1951 TO SEPTEMBER 30, 1967. (FOR RECORDS PRIOR TO MARCH 1929, SEE STATE DIVISION OF WATER RIGHTS BULLETINS.)

EXTREMES OF DISCHARGE:

1965-66

MAXIMUM: 19,000. SECOND-FEET DECEMBER 29.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1966-67

MAXIMUM: 20,090. SECOND-FEET JANUARY 24.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1929-67

MAXIMUM: 24,000. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED AND CONSTRUCTED BY THE CORPS OF ENGINEERS, DEPARTMENT OF THE ARMY. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F45B-R

Daily discharge, in second-feet of RIO HONDO above Stewart and Gray Road for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	+	b 0.1	805	11.7	1.4	0.3	+	0.3	1.4	0.3	+
2	|	|	0.1	492	10.0	0.5	0.3	0.2	0.3	0.5	0.5	0.1
3	|	|	0.1	333	0.5	0.2	0.3	0.3	0.3	0.3	0.5	0.2
4	|	|	0.1	331	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
5	+	|	0.1	433	0.3	0.2	0.5	0.3	0.3	0.5	0.2	0.3
6	0.1	|	0.1	534	178	0.2	1.0	0.3	0.3	1.0	0.2	1.0
7	0.2	|	0.1	364	2.0	0.3	0.3	0.3	0.3	1.4	0.2	0.5
8	0.2	|	b 0.1	152	1.4	0.5	0.3	0.2	0.5	1.6	0.3	0.2
9	0.2	+	138	67	1.4	1.0	0.3	10.6	1.0	1.8	0.3	0.1
10	0.2	0.1	44	32	1.8	1.0	0.2	1.0	0.5	1.4	0.3	0.1
11	0.2	0.3	0.1	0.1	1.4	1.4	0.2	0.5	0.5	0.3	0.2	0.1
12	0.3	0.2	70	0.3	1.4	0.3	0.3	0.3	0.3	1.0	0.1	0.2
13	0.3	0.3	7.4	0.3	1.4	0.3	0.3	0.5	0.3	0.5	0.1	+
14	0.2	93	40	1.4	1.4	0.5	0.3	0.5	1.0	1.0	0.2	0.1
15	0.2	81	4.1	1.6	1.0	1.4	0.3	0.3	1.0	1.0	0.3	+
16	+	373	2.0	1.0	1.0	1.4	0.3	0.3	1.4	0.5	0.3	0.2
17	+	1,830	1.8	0.5	0.3	2.0	0.3	0.3	1.0	0.3	0.5	0.3
18	+	60	1.4	0.3	0.5	1.0	0.3	1.0	1.4	0.3	0.5	23
19	0.3	4.4	0.2	12.0	0.3	1.4	1.0	0.5	0.5	1.0	0.5	5.8
20	0.3	1.4	0.2	0.3	0.3	1.4	0.3	0.5	0.5	1.0	1.4	0.5
21	0.2	1.4	0.3	0.3	0.3	1.0	0.3	0.5	1.0	1.0	1.4	0.2
22	0.2	3,750	3.2	+	0.5	1.0	0.5	0.2	0.3	1.0	1.4	0.2
23	0.2	5,570	0.3	0.3	0.5	0.5	0.3	0.2	0.3	1.0	0.5	0.3
24	0.2	8,310	+	0.3	1.0	34	0.3	0.3	0.5	0.5	0.2	0.5
25	0.2	2,790	+	0.3	1.0	30	1.6	0.2	0.3	0.5	+	0.2
26	0.2	1,070	+	0.5	1.4	0.3	1.0	0.2	0.2	0.5	+	0.2
27	0.2	32	0.3	0.3	1.0	0.3	1.4	0.3	0.3	0.5	0.1	0.2
28	0.2	+	1.0	0.3	1.4	0.5	1.6	0.3	1.4	0.5	+	0.2
29	+	b 0	4,810	0.3		1.0	1.4	0.1	1.4	1.0	0.1	1.4
30	+	b 0.1	570	223		0.3	0.3	+	1.0	1.0	0.5	0.5
31	+		1,090	1.6		0.3		0.2		0.3	0.3	
	4.3	23,967.2	6,785.1	3,788.0	223.5	85.9	16.1	20.7	18.7	24.9	11.7	36.8
MEAN	0.14	799.	219.	122.	7.98	2.77	0.54	0.67	0.62	0.80	0.38	1.23
ACRE-FEET	8.5	47,540.	13,460.	7,510.	443.	170.	32.	41.	37.	49.	23.	73.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 95.8
ACRE-FEET 69,390.

760T4M Gb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F45B-R

Daily discharge, in second-feet of RIO HONDO above Stewart and Gray Road, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	0.1	0.3	+	d 0.3	1.0	67	0.1	0.2	0.2	1.4	4.4
2	0.3	+	64	|	d 0.3	0.5	3.6	0.1	0.3	0.1	1.0	1.0
3	0.3	0.1	617	|	0.3	0.1	0.2	0.2	0.5	0.2	5.2	0.3
4	0.3	0.2	4.4	|	0.3	2.0	1.8	0.1	0.3	0.2	4.4	0.2
5	0.2	0.3	346	|	0.3	+	0.3	0.1	0.3	+	1.4	0.3
6	0.2	0.2	612	|	+	+	0.1	0.2	0.3	0.1	0.3	0.3
7	0.3	1,240	26	|	|	+	32	0.2	0.3	+	0.1	0.3
8	0.3	10.8	1.8	|	|	0.3	0.3	0.3	0.3	+	+	0.5
9	0.3	3.6	1.0	|	|	0.3	0.3	0.3	1.4	0.2	0.1	0.3
10	8.3	0.5	0.3	|	+	0.3	0.3	0.3	0.5	+	0.3	1.4
11	0.3	0.3	0.3	|	0.2	38	139	0.2	0.3	+	0.3	1.0
12	0.3	0.2	1.0	|	0.3	63	1.0	0.2	1.4	+	0.2	1.0
13	0.3	0.1	0.5	+	0.3	94	0.3	+	0.3	+	0.2	1.4
14	0.3	0.1	0.3	0.2	0.3	32	0.2	0.2	0.2	0.2	0.2	1.8
15	0.3	+	0.3	0.2	0.2	0.2	0.1	0.3	0.2	0.3	0.2	1.4
16	0.3	+	0.2	0.3	0.2	+	0.3	0.3	0.2	0.3	0.3	1.0
17	0.2	0.3	0.1	0.3	0.2	+	0.2	0.3	0.3	0.3	0.3	0.3
18	0.1	0.2	+	0.5	0.3	+	72	0.2	0.2	0.3	0.3	0.3
19	0.1	0.3	+	0.3	0.2	+	43	0.2	0.1	0.3	0.3	1.8
20	0.2	7.3	0.2	1.0	0.3	+	6.7	0.2	0.2	0.3	0.3	0.3
21	0.3	0.5	0.2	0.3	0.3	0.1	167	0.3	0.3	0.3	0.3	0.3
22	0.1	0.2	0.2	1360	0.5	0.1	82	0.3	0.3	0.5	0.5	0.3
23	+	0.1	+	214	1.0	0.2	1.0	0.3	0.2	0.3	0.3	0.3
24	+	+	+	5120	1.0	0.1	45	0.3	0.2	0.3	0.2	0.3
25	+	+	+	94	3.6	0.2	0.5	0.3	0.2	0.3	0.3	0.3
26	+	+	+	d 0.3	0.5	0.3	0.3	+	0.2	1.0	0.3	1.0
27	0.2	+	+	| 0.3	0.5	0.2	0.3	+	+	0.5	0.3	3.6
28	0.2	0.2	+	| 0.3	0.5	0.2	6.9	0.1	+	1.0	0.3	47
29	0.3	0.3	+	| 0.3		+	0.3	0.2	0.2	1.0	0.3	1.4
30	0.3	0.3	+	| 0.3		+	0.2	0.2	0.2	1.0	0.3	0.3
31	0.2		+	d 0.3		74		0.3		1.0	0.5	
	14.7	1266.2	1676.1	6792.9	11.9	307.1	672.2	6.3	9.6	10.2	20.4	74.1
MEAN	0.47	42.2	54.1	219.	0.42	9.91	22.4	0.20	0.32	0.33	0.66	2.47
ACRE-FEET	29.	2,510.	3,320.	13,470.	24.	609.	1,330.	12.	19.	20.	40.	147.

Remarks:

YEAR OR PERIOD MEAN 26.6
ACRE-FEET 21,530.

STATION F338-R

RUBIO DIVERSION CHANNEL below Gooseberry Canyon Inlet

LOCATION: LAT. 34°11'32", LONG. 118°07'04", ON THE LEFT (NORTHERLY) BANK, 375 FEET UPSTREAM OF CREST DRIVE, 3.5 MILES NORTHEAST OF PASADENA. ELEVATION OF ZERO GAGE HEIGHT 1399.0.

DRAINAGE AREA: 2.1 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE 12 FEET WIDE BY 11 FEET DEEP WITH BOTTOM WARP OF 0.3 FOOT TOWARD STATION.
CONTROL - CHANNEL

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - RUBIO AND GOOSEBERRY DEBRIS BASINS.
DIVERSION - RUBIO CANYON LAND AND WATER ASSOCIATION DIVERTS LOW FLOWS FROM RUBIO CANYON.

RECORDS AVAILABLE: DECEMBER 16, 1959 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 63 SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 43 SECOND-FEET JANUARY 22.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1959-67
MAXIMUM: 63 SECOND-FEET DECEMBER 29, 1965.
MINIMUM: NO FLOW AT VARIOUS TIMES EACH YEAR.

ACCURACY: GOOD

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F338-R

Daily discharge, in second-feet of RUBIO DIVERSION CHANNEL below Gooseberry Canyon Inlet, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	1.4	0.7	0.1	0.01	0.02	0.01	0	0	0	0
2	0	0	1.4	1.4	0.06	0.4	0.01	0.01	0	0	0	0
3	0	0	1.4	1.4	0.04	0.02	0.01	0.01	0	0	0	+
4	0	0	1.1	0.9	0.04	0.02	0.01	0.01	0	+	0	0
5	0	0	0.7	0.4	0.04	0.01	0.01	0	0	0	0	+
6	0	0	0.5	0.4	0.7	0.01	0.01	0	0	0	0	+
7	0	0	0.4	0.3	0.1	0.01	0.01	0	0	+	0	0
8	0	0	0.2	0.5	0.06	0.01	0.01	0.04	0	+	0	0
9	0	0	0.3	0.4	0.06	0.01	0.01	0.06	0	+	0	0
10	0	0	0.3	0.3	0.04	0.01	0.01	0.02	0	0	0	0
11	0	0	0.06	0.3	0.04	0.01	0.01	0	0	+	0	0
12	0	0	0.2	0.3	0.04	0.01	0.01	0	0	0	0	0
13	0	0	0.2	0.2	0.02	0.01	0.01	0	0	0	0	0
14	0	0.4	0.3	0.2	0.02	0.01	0	0	0	0	0	0
15	0	0.7	0.3	0.4	0.02	0.01	0	0	0	0	0	0
16	0	0.7	0.4	0.4	0.02	0.01	0	0	0.01	0	0	0
17	0	6.0	0.1	0.3	0.02	0.01	0	0	0.01	+	0	0
18	0	1.7	0.04	0.3	0.02	0.01	0	0	0.01	0	0	0.1
19	0	1.1	0.02	0.2	0.02	0.01	0	0	0.01	0	0	0.2
20	0	0.2	0.02	0.06	0.02	0.01	0	0	0	0	0	0.04
21	0	0.06	0.02	0.06	0.02	0.01	0	0	0	0	0	0.01
22	0	15.9	0.04	0.06	0.02	0.01	0.02	0	0.01	0	0	0
23	0	15.7	0.04	0.06	0.02	0.01	0.04	0	0	0	0	0
24	0	10.0	0.04	0.04	0.02	0.04	0.01	0	0	0	0	+
25	0	2.0	0.04	0.04	0.02	0.06	0.01	0	0	0	0	0
26	0	0.9	0.04	0.04	0.04	0.02	0.01	0	0	0	0	0
27	0	0.5	0.02	0.04	0.02	0.01	0.01	0.01	0	0	0	0
28	0	0.5	0.04	0.04	0.01	0.01	0.01	0	0.01	0	+	0
29	0	1.1	18.3	0.04		0.01	0	0.02	0.02	0	0	0.3
30	0	1.4	2.0	0.2		0.01	0	0	0.06	0	0	0
31	0		0.7	0.06		0.4		0		+	0	
	0	58.86	30.62	10.04	1.65	1.20	0.25	0.19	0.14	+	+	0.65
MEAN	0	1.96	0.99	0.32	0.06	0.04	0.01	0.01	+	+	+	0.02
ACRE-FEET	0	117.	61.	20.	3.3	2.4	0.5	0.4	0.3	+	+	1.3

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.28
ACRE-FEET 206.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F338-R

Daily discharge, in second-feet of RUBIO DIVERSION CHANNEL below Gooseberry Canyon Inlet, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	+	0	+	0.04	0	0.8	0.01	0.02	+	+	0.04
2	0	0	1.0	+	0.01	0	0.06	0.01	0.01		+	0.04
3	0	0	7.6	0	0.01	+	0.2	0.01	0.01		0	0.02
4	0	0	1.4	0	0.01	0.02	0.5	0.2	0.01		0	0.01
5	+	0	2.4	0	+	0	0.3	0.4	0.01	+	0	0.01
6	0	0.09	12.5	+	0	0	0.02	0.01	0.01	0	+	0
7	0	2.7	1.1	+	0	0	0.2	+	0.01	+	0	0
8	0	0.06	0.7	+	0	0	0.01	+	0.01	0	+	0
9	0	0.02	0.9	0	0	0	0.01	0.04	0.02	+	+	0
10	+	0.01	1.1	+	0	0.1	0.04	0.09	0.06	+	+	0
11	0	0	0.7	+	0	0.4	0.3	0.01	0.02	0	0.02	0
12	0	0	0.04	0	0	1.1	0.04	0	0.7	+	0.01	0
13	0	0	0.1	+	0	1.1	0.02	0.01	0.04	0	+	0
14	0	0	0.1	+	0	1.1	0.02	0.01	0	+	0	0
15	+	0	0.04	+	0.2	0.7	0.1	0	+	0	+	0
16	0	0	0.2	+	0.4	0.04	0.02	+	0	0	0.01	+
17	0	0	0.2	0	0.4	0.01	0.01	0	+	+	0.02	
18	0	0	0.02	+	0.04	0.01	0.8	0	0.04	+	0.01	
19	0	0	0.01	+	0.02	+	0.3	+	0	+	0.01	
20	+	0.1	0.01	0	0.02	0	0.08	+	+	0	0.01	
21	0	0.02	0.01	0	0.01	0	0.9	0	+	0	0.01	
22	0	0.01	0.01	2.4	0.01	0	2.0	0	+	+	0.04	
23	0	0.02	+	0.3	+	0	1.7	+	0	0	0.04	
24	0	0.01	0	4.0	0	0	1.7	+	+	0	0.02	
25	0	0	+	1.1	0.2	0	0.9	+	0	+	0.01	
26	0	0	+	0.7	0.01	0	0.7	+	+	+	0.01	
27	0	+	+	0.06	0.01	0.01	0.1	0.02	0	0	0.01	
28	0	0.06	0	0.04		0.01	0.2	0.01	0	+	0.01	
29	0	0	0	0.04		0.02	0.04	0.04	0	0	0.01	
30	0	0	+	0.3		0.02	0.04	0.06	0	+	0.01	+
31	0		+	0.04		0.2		0.6		+	0.01	
	+	3.10	30.14	9.98	1.39	4.84	12.41	1.53	0.97		0.27	0.12
MEAN	+	0.10	0.97	0.29	0.05	0.15	0.41	0.05	0.03	+	0.01	+
ACRE-FEET	+	6.1	60.	18.	2.8	9.2	25.	3.0	1.9	+	0.5	0.2

Remarks:

YEAR OR PERIOD MEAN 0.17
ACRE-FEET 127.

STATION F82 C-R

RUBIO WASH at Glendon Way

LOCATION: LAT. 34°04'27", LONG. 118°04'35", ON THE LEFT (EAST) SIDE, 10 FEET SOUTH OF WESTERLY EXTENSION OF GLENDON WAY, ROSEMEAD. ELEVATION OF ZERO GAGE HEIGHT 274.06 FEET.

DRAINAGE AREA: 10.9 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR, CONCRETE, 48 FEET WIDE BY 10 FEET DEEP WITH 0.5 FOOT INVERT AND 0.5 FOOT FILLETS AT SIDES. CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - LAS FLORES AND RUBIO DEBRIS BASINS. DIVERSION - RUBIO DIVERSION CHANNEL DIVERTS FLOW ABOVE ITS INLET TO EATON WASH.

RECORDS AVAILABLE: STATION F82-R, LAS TUNAS DRIVE, JANUARY 13, 1930 TO SEPTEMBER 30, 1930; STATION F107-R AND F82B-R AT BROADWAY, OCTOBER 1, 1930 TO NOVEMBER 6, 1936; AND STATION F82C-R, NOVEMBER 6, 1936, TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,300. SECOND-FEET NOVEMBER 24.
MINIMUM: 0.1 SECOND-FOOT AT VARIOUS TIMES.

1966-67
MAXIMUM: 2,040. SECOND-FEET DECEMBER 3.
MINIMUM: 0.2 SECOND-FOOT AT VARIOUS TIMES.

1930-67
MAXIMUM: 3,020. SECOND-FEET JANUARY 16, 1952.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT. THE STILLING WELL AND COMMUNICATION CHANNEL WERE CONSTRUCTED BY THE CORPS OF ENGINEERS, DEPARTMENT OF THE ARMY.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F82C-R

Daily discharge, in second-feet of RUBIO WASH at Glendon Way, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	0.4	0.2	0.2	3.6	0.2	0.4	0.2	0.2	0.6	0.4	0.6
2	0.2	0.4	0.2	0.1	1.0	0.2	0.4	0.2	0.2	0.6	0.4	0.6
3	0.2	0.4	0.2	0.2	0.6	0.2	0.4	0.2	0.2	0.6	0.4	0.6
4	0.4	0.4	0.2	0.2	0.6	0.2	0.6	0.4	0.2	0.6	0.4	0.6
5	0.4	0.4	0.2	0.2	0.4	0.2	0.4	0.4	0.2	1.0	0.6	0.6
6	0.2	0.4	a 0.2	0.2	80	0.2	0.2	0.6	0.2	1.0	0.6	0.6
7	0.2	0.4	a 0.2	0.2	4.8	0.2	0.4	0.2	0.2	1.0	0.6	0.6
8	0.2	0.4	a 0.2	0.2	0.4	0.2	0.4	0.6	0.4	1.0	0.6	0.6
9	0.2	0.4	64	0.2	0.2	0.4	0.4	6.7	0.4	1.0	0.6	0.6
10	0.2	0.6	17.2	0.2	0.2	0.6	0.4	1.0	0.4	1.0	0.6	0.6
11	0.2	0.6	0.6	0.2	0.2	0.4	0.4	0.4	0.4	1.0	0.6	0.6
12	0.4	0.6	34	0.2	0.2	0.4	0.4	0.4	0.4	1.0	0.6	0.6
13	0.2	0.6	1.0	0.2	0.2	0.4	0.4	0.2	0.4	1.0	1.0	0.6
14	0.2	44	17.9	0.2	0.2	0.4	0.4	0.2	0.4	0.6	0.6	0.6
15	0.2	111	1.0	0.2	0.2	0.4	0.4	0.2	0.4	0.2	0.6	0.6
16	0.2	221	1.0	0.2	0.2	0.4	0.4	0.2	0.4	0.2	0.6	1.0
17	0.2	297	1.0	0.2	0.2	0.4	0.4	0.2	0.4	0.2	0.6	1.0
18	0.2	55	1.0	0.2	0.2	0.4	0.4	0.2	0.4	0.4	0.4	20
19	0.2	0.6	0.2	0.2	0.2	0.4	0.6	0.2	0.4	0.4	0.6	6.0
20	0.2	0.2	0.4	0.2	0.2	0.4	0.4	0.2	0.4	0.4	0.6	1.0
21	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.6	0.4
22	0.2	445	0.4	0.2	0.2	0.4	0.4	0.2	0.4	0.4	0.6	0.2
23	0.2	19.1	a 0.4	0.2	0.2	0.2	0.4	0.2	0.4	0.6	0.6	0.4
24	0.4	148	0.4	0.2	0.2	28	0.2	0.2	0.4	0.4	0.4	0.4
25	0.2	34	0.4	0.2	0.2	19.1	0.2	0.2	0.6	0.4	0.4	0.4
26	0.4	0.2	0.4	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4
27	0.4	0.2	0.4	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4
28	0.4	0.2	a 0.4	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4
29	0.4	0.1	466	0.2		0.2	0.2	0.2	0.6	0.4	0.6	1.4
30	0.4	0.2	1.0	70		0.2	0.2	0.2	0.6	0.6	0.6	1.0
31	0.4		1.0	1.9		0.2		0.2		0.4	0.6	
	8.2	1382.0	611.8	77.6	95.4	55.9	10.8	15.7	11.2	18.6	17.0	43.4
MEAN	0.26	46.1	19.7	2.50	3.41	1.80	0.36	0.51	0.37	0.60	0.55	1.45
ACRE-FEET	16.	2,740.	1,210.	154.	189.	111.	21.	31.	22.	37.	34.	86.

Remarks:

YEAR OR PERIOD MEAN 6.43
ACRE-FEET 4,650.

74D74M Gb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F82C-R

Daily discharge, in second-feet of RUBIO WASH at Glendon Way, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.4	0.2	b 0.4	0.2	0.6	0.4	102	0.2	0.4	0.4	0.6	9.8
2	0.4	0.2	78	0.2	0.4	0.6	1.4	0.2	a 0.4	0.4	0.4	0.4
3	0.4	0.2	232	0.2	0.4	0.6	0.6	0.4	0.4	0.4	0.4	0.4
4	0.4	0.4	2.5	0.2	0.2	1.4	9.8	0.2	0.4	0.4	0.4	0.4
5	0.4	0.4	152	1.0	0.2	0.4	0.4	0.2	0.4	0.4	0.6	0.4
6	0.4	0.4	205	0.2	0.4	0.2	0.2	0.2	0.4	0.4	0.4	0.4
7	0.2	291	0.8	0.2	0.2	0.2	15.6	0.2	a 0.4	0.4	0.4	0.4
8	0.2	b 0.6	0.6	0.2	0.2	0.2	0.4	0.2	0.4	0.4	0.4	0.6
9	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.6	0.6
10	0.4	0.4	0.2	0.2	0.4	0.6	0.2	0.4	0.4	0.4	0.4	0.6
11	0.4	0.2	0.2	0.2	0.4	61	113	0.2	0.6	0.4	0.4	0.6
12	0.4	0.2	0.2	0.2	0.2	92	0.6	0.2	5.6	0.4	0.6	0.6
13	0.4	0.2	0.2	0.2	0.4	89	0.4	0.2	1.0	0.6	0.6	0.6
14	0.4	0.2	0.2	0.2	0.2	21	0.2	0.2	0.4	0.6	1.0	0.6
15	0.4	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.4	0.6	1.0	0.6
16	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	1.0	0.6
17	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	1.0	0.6
18	0.2	0.2	0.2	0.2	0.4	0.2	79	0.2	0.4	0.6	1.0	0.6
19	0.2	0.2	0.2	0.2	0.4	0.2	26	0.2	0.4	0.4	0.6	1.0
20	0.2	4.0	0.2	0.2	0.4	0.2	1.9	0.4	0.4	0.6	0.6	1.0
21	0.2	0.6	0.2	0.4	0.4	0.2	64	0.4	0.4	0.6	1.0	1.0
22	0.4	0.4	0.2	344	0.6	0.2	42	0.4	0.4	0.6	1.0	0.6
23	0.4	0.2	0.2	6.5	0.6	0.2	0.4	0.4	0.4	0.6	1.0	0.6
24	0.4	0.2	0.2	335	0.4	0.2	29	0.4	0.4	0.6	1.0	0.6
25	0.4	0.2	0.2	9.7	1.4	0.2	0.6	0.2	0.4	0.6	1.0	0.6
26	0.4	0.2	0.2	1.0	0.4	0.2	0.4	0.4	0.4	0.6	1.0	1.0
27	0.4	0.2	0.2	0.4	0.6	0.2	0.4	0.2	0.4	0.6	1.0	0.4
28	0.4	0.2	0.2	0.4	0.4	0.2	7.2	0.2	0.4	1.0	1.0	12.7
29	0.4	0.2	0.2	0.4		0.2	0.6	0.2	0.4	1.0	1.0	0.4
30	0.4	b 0.2	0.2	8.8		0.2	0.2	0.2	0.4	1.0	0.6	0.4
31	0.4		0.2	1.4		46		2.5		1.0	0.4	
	11.2	302.6	675.3	712.8	11.0	316.0	498.3	10.3	18.0	17.6	22.4	39.1
MEAN	0.36	10.1	21.8	23.0	0.39	10.2	16.6	0.33	0.60	0.57	0.72	1.30
ACRE-FEET	22.	600.	1,340.	1,410.	22.	627.	988.	20.	36.	35.	44.	78.

Remarks:

YEAR MEAN 7.22
OR PERIOD ACRE-FEET 5,220.

STATION U15-R

SAN ANTONIO CREEK below Edison Company Power Plant Diversion

LOCATION: LAT. 34°12'58", LONG. 117°40'04", ON RIGHT (WEST) BANK, 0.5 MILE UPSTREAM OF SOUTHERN CALIFORNIA EDISON COMPANY'S SIERRA POWER PLANT AND 8.8 MILES NORTHEAST OF CLAREMONT ELEVATION OF ZERO GAGE HEIGHT 3400±.

DRAINAGE AREA: 16.5 SQUARE MILES.

RECORDS AVAILABLE: MARCH 1901 TO SEPTEMBER 1967.
AVERAGE DISCHARGE: 50 YEARS (1917-65) 9.16 SECOND-FEET, AVERAGE COMBINED DISCHARGE OF CREEK AND CONDUIT (1901-67) 62 YEARS 21.8 SECOND-FEET.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,590 SECOND-FEET
MINIMUM: 0.2 SECOND-FOOT OCTOBER 5-8.

1966-67
MAXIMUM: 2,080 SECOND-FEET DECEMBER 6.
MINIMUM: 0.7 SECOND-FEET OCTOBER 10.

1917-67
MAXIMUM: 21,400 SECOND-FEET MARCH 2,1938.
MINIMUM: NO FLOW AT TIMES IN 1931, 1951 AND 1964.

ACCURACY: GOOD

OPERATION: RECORDS FURNISHED BY THE UNITED STATES GEOLOGICAL SURVEY. FORTY DISCHARGE MEASUREMENTS FURNISHED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: SOUTHERN CALIFORNIA EDISON COMPANY'S CONDUIT DIVERTS WATER ABOVE STATION.

76DT4M C(b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U15-R

Daily discharge, in second-feet of SAN ANTONIO CREEK below Edison Company Power Plant Diversion for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.5	0.3	132	198	40	19	28	21	17	3.7	0.8	0.6
2	0.5	0.3	100	231	37	34	29	20	17	3.0	0.8	0.6
3	0.5	0.3	99	222	34	36	28	20	18	2.5	0.8	0.6
4	0.4	0.3	85	192	31	36	28	21	17	1.5	0.8	0.6
5	0.2	0.3	73	145	29	35	28	21	18	1.0	0.8	0.6
6	0.2	0.3	70	134	37	34	28	21	15	0.9	0.7	0.5
7	0.2	0.3	65	113	38	34	28	21	13	0.8	0.7	0.5
8	0.2	0.3	60	111	29	34	27	21	15	0.7	0.7	0.5
9	0.3	0.3	59	121	25	34	26	21	2.6	0.7	0.7	0.5
10	0.3	0.3	58	118	27	33	27	21	2.4	0.7	0.7	0.5
11	0.3	0.3	60	121	28	33	29	20	2.3	0.7	0.7	0.5
12	0.3	0.3	58	119	26	32	28	20	2.3	0.7	0.7	0.5
13	0.3	0.4	50	124	26	31	28	20	2.4	0.7	0.7	0.5
14	0.3	0.5	40	127	24	31	28	20	2.3	0.7	0.7	0.5
15	0.3	0.6	35	121	24	31	27	20	2.3	0.7	0.7	0.5
16	0.3	0.9	34	112	23	31	26	19	2.3	0.7	0.7	0.5
17	0.3	31	31	105	22	31	26	19	2.5	0.7	0.7	0.5
18	0.3	45	29	91	22	31	27	19	2.3	0.7	0.7	0.5
19	0.3	22	27	81	21	31	26	19	2.3	0.7	0.7	0.5
20	0.3	12	25	75	21	30	25	19	2.3	0.7	0.7	0.5
21	0.3	5.2	25	71	21	30	25	19	2.4	0.8	0.7	0.6
22	0.3	648	26	63	20	30	24	18	2.3	0.8	0.7	0.6
23	0.3	469	24	58	19	31	23	19	2.3	0.8	0.7	0.6
24	0.3	425	22	54	19	32	22	19	2.5	0.8	0.7	0.6
25	0.3	435	20	50	19	33	21	18	2.6	0.8	0.7	0.6
26	0.3	227	18	47	19	31	21	18	2.6	0.8	0.6	0.6
27	0.3	229	16	45	19	30	21	18	2.6	0.8	0.6	0.6
28	0.3	216	15	44	17	30	22	18	2.7	0.8	0.6	0.6
29	0.3	189	943	45		30	21	18	3.4	0.8	0.6	0.8
30	0.3	166	320	44		29	21	18	3.9	0.8	0.6	0.8
31	0.3		246	43		29		17		0.8	0.6	
	9.6	3125.2	2865	3215	717	976	768	603	185.6	31.3	21.6	16.9
MEAN	0.31	104.	92.4	104.	25.6	31.5	25.6	19.5	6.19	1.01	.70	.56
ACRE-FEET	19.	6,200.	5,680.	6,380.	1,420.	1,940.	1,520.	1,200	368.	62.	43.	34.

Remarks:

YEAR OR PERIOD MEAN 34.3
ACRE-FEET 24,870.

76DT4M C(b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U 15-R

Daily discharge, in second-feet of SAN ANTONIO CREEK below Edison Company Power Plant Diversion, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.8	0.8	1.0	41	15	3.4	27	44	60	12	1.9	1.7
2	0.8	0.9	1.2	37	14	3.0	28	45	57	11	1.7	1.7
3	0.8	0.9	37	37	13	2.8	29	42	52	11	1.7	1.7
4	0.8	0.9	10	35	9.7	2.5	31	42	47	12	1.6	1.7
5	0.8	1.0	59	28	5.2	2.1	17	42	37	13	1.6	1.7
6	1.0	1.0	910	14	4.9	3.0	21	42	34	12	1.6	1.6
7	1.0	7.8	241	13	5.4	1.7	19	40	32	11	1.6	1.6
8	0.9	4.2	165	13	6.1	1.6	23	43	31	10	2.5	1.5
9	0.8	2.4	104	16	8.3	1.4	26	57	30	9.3	2.0	1.5
10	0.7	1.8	110	15	9.1	1.2	29	68	28	8.8	1.7	1.5
11	0.8	1.4	144	13	8.4	1.0	22	63	27	8.5	1.6	1.5
12	0.8	1.3	112	13	8.0	6.1	23	78	26	9.1	1.6	1.5
13	0.8	1.2	135	12	12	24	23	77	25	7.8	1.6	1.4
14	0.8	1.1	171	11	17	22	21	83	24	7.8	1.6	1.4
15	0.9	1.1	133	10	8.6	19	20	80	24	7.6	1.6	1.4
16	0.9	1.1	127	8.8	7.6	19	20	78	23	7.5	1.6	1.4
17	0.8	1.0	109	6.8	8.0	18	20	80	23	7.3	1.6	1.4
18	0.8	1.0	82	6.0	6.8	18	29	80	22	7.1	1.6	1.4
19	0.8	1.0	67	5.3	5.6	18	34	79	21	6.7	1.6	1.4
20	0.8	1.0	54	5.8	5.3	19	33	77	21	6.0	1.6	1.4
21	0.9	1.0	43	6.1	5.1	19	36	78	20	5.5	1.6	1.4
22	0.8	0.9	42	12	5.1	19	48	78	20	4.9	1.6	1.4
23	0.8	0.9	39	12	4.8	20	44	75	19	4.3	1.6	1.4
24	0.8	0.9	38	32	4.4	23	45	71	19	3.6	1.6	1.4
25	0.8	0.9	36	28	4.4	22	44	64	17	3.0	1.6	1.4
26	0.8	0.9	35	29	4.1	21	46	69	15	2.4	1.6	1.4
27	0.8	0.9	34	28	3.9	21	49	72	14	1.8	1.6	1.4
28	0.8	0.8	33	25	3.9	20	51	53	13	1.7	1.6	1.4
29	0.9	0.8	36	20		20	47	49	13	2.8	1.6	1.4
30	0.9	0.8	42	17		21	45	48	12	7.1	1.6	1.4
31	0.9		50	16		25		43		5.0	1.6	
	25.7	41.7	3,200.2	565.8	213.7	416.8	949	1950	805	226.6	51.5	44.4
MEAN	.83	1.39	103.	18.3	7.63	13.4	31.6	62.9	26.8	7.31	1.66	1.48
ACRE-FEET	51.	83.	6,350.	1,120.	424.	827.	1,880	3,870.	1,600.	449.	102.	88.

Remarks:

YEAR OR PERIOD MEAN 23.3
ACRE-FEET 16,840.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No.

Daily discharge, in second-feet of SAN ANTONIO CREEK AND SOUTHERN CALIFORNIA EDISON COMPANY'S CONDUIT, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7.3	6.3	142	205	59	39	37	28	23	18	13	12
2	7.3	6.3	118	249	56	45	38	26	23	17	13	12
3	7.3	6.3	117	239	52	45	37	27	24	18	13	12
4	7.0	6.3	103	209	49	46	38	28	23	16	13	12
5	6.8	6.3	90	162	48	44	38	28	25	16	13	12
6	6.8	6.3	88	151	56	44	38	28	24	16	13	10
7	6.5	6.3	83	130	60	43	38	28	22	16	13	10
8	6.5	6.3	77	128	51	43	37	27	25	15	13	10
9	6.6	6.3	76	138	49	43	36	27	17	15	13	10
10	6.6	6.0	74	135	48	42	37	27	17	15	13	10
11	6.6	6.0	77	137	47	42	39	27	16	15	13	10
12	6.6	6.0	75	135	45	41	38	27	16	14	13	10
13	6.6	6.1	67	140	45	40	38	27	17	14	13	10
14	6.6	6.8	56	143	43	40	36	27	16	14	12	10
15	6.6	7.1	51	137	43	40	35	26	16	14	12	10
16	6.6	8.0	50	128	42	40	34	25	16	14	12	10
17	6.6	45	49	121	42	41	34	25	16	14	12	10
18	6.6	56	45	107	42	40	35	25	15	15	12	10
19	6.3	36	43	96	41	40	34	25	16	14	12	10
20	6.3	28	41	90	41	39	34	25	16	14	12	10
21	6.3	20	41	86	40	40	33	25	15	14	12	10
22	6.3	658	42	78	40	40	31	24	15	13	12	10
23	6.3	470	41	73	39	41	30	25	15	13	12	10
24	6.3	426	39	69	39	42	30	25	16	13	12	10
25	6.3	436	37	65	39	44	29	24	16	14	12	10
26	6.3	229	34	62	38	40	29	24	17	14	12	10
27	6.3	230	32	61	38	39	29	23	17	14	12	10
28	6.3	216	31	60	37	39	30	24	17	14	12	10
29	6.3	189	957	63		39	28	24	15	13	12	10
30	6.3	166	341	64		38	27	24	18	13	12	10
31	6.0		263	62		38		23		14	12	
	203.1	3306.7	3,379	3722	1268	1277	1027	798	544	453	385	310
MEAN	6.55	110.	109.	120.	45.3	41.2	34.2	25.7	18.1	14.6	12.4	10.3
ACRE-FEET	403.	6,560.	6,700.	7,380.	2,520.	2,530.	2,040.	1,580.	1,080.	899.	764.	615.

Remarks:

YEAR OR PERIOD MEAN 45.7
ACRE-FEET 33,070.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No.

Daily discharge, in second-feet of SAN ANTONIO CREEK AND SOUTHERN CALIFORNIA EDISON CO'S CONDUIT, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	9.8	9.8	61	39	26	51	65	83	34	23	22
2	10	9.9	10	57	38	26	52	66	80	33	23	22
3	10	9.9	53	58	38	26	51	63	75	33	23	22
4	10	9.9	23	55	35	26	52	64	70	34	24	22
5	10	10	70	43	30	25	41	63	60	35	24	21
6	11	10	912	35	29	25	45	63	57	34	24	21
7	11	13	242	34	30	25	43	62	55	33	24	21
8	10	13	165	35	31	25	47	65	46	32	24	20
9	10	11	113	38	33	24	39	76	45	31	23	20
10	10	11	127	37	33	24	28	90	50	31	23	20
11	10	10	162	35	32	24	22	89	49	30	23	20
12	10	10	122	36	32	29	23	100	43	30	23	20
13	10	10	139	35	35	43	23	99	45	30	24	19
14	10	10	176	34	40	45	21	105	45	30	24	18
15	10	10	147	34	33	43	20	95	47	30	22	18
16	10	10	141	33	32	43	34	96	45	28	23	18
17	10	10	128	32	32	42	42	103	46	29	22	18
18	10	10	101	30	31	41	51	103	45	29	23	18
19	10	10	87	29	30	41	55	102	44	28	23	18
20	10	10	74	30	29	42	54	100	44	28	23	19
21	10	10	63	29	29	42	55	101	43	26	22	18
22	10	10	62	34	29	43	69	101	43	26	22	18
23	10	10	59	34	29	44	65	98	42	25	22	18
24	10	9.7	58	53	28	45	65	94	41	25	22	18
25	10	9.7	56	50	23	45	64	87	40	23	21	18
26	10	9.7	55	53	27	44	61	92	38	23	22	13
27	10	9.7	53	53	27	44	70	95	37	20	22	19
28	10	9.6	51	50	27	44	72	76	35	23	23	18
29	9.9	9.6	55	44		43	68	72	35	24	22	17
30	9.9	9.6	52	41		44	66	71	34	24	22	17
31	9.9		62	40		49		71		25	22	
	311.7	310.1	3,626.8	1267	386	1139	1449	2627	1469	886	706	574
MEAN	10.1	10.3	117.	40.9	31.6	36.7	48.3	84.7	49.0	28.6	22.8	19.1
ACRE-FEET	618.	615.	7,190.	2,510.	1,760.	2,260.	2,870.	5,210.	2,910.	1,760.	1,400.	1,140.

Remarks:

YEAR OR PERIOD MEAN 41.8
ACRE-FEET 30,250.

STATION F323–R

SAN ANTONIO CREEK above Stoddard Canyon

LOCATION: LAT. 34°10'38", LONG. 117°40'28", ON DOWNSTREAM SIDE OF SHINN ROAD (CAMP BALDY ROAD) BRIDGE, 1.4 MILES ABOVE SAN ANTONIO DAM, 5 MILES NORTHEAST OF CLAREMONT. ELEVATION OF ZERO GAGE HEIGHT 2,465±.

DRAINAGE AREA: 22.2 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - BOULDERS AND GRAVEL.
CONTROL - CONCRETE AND RUBBLE WALL, 82 FEET LONG, 13.5 FEET DOWNSTREAM

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CAT-WALK ON UPSTREAM SIDE OF BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM, OCTOBER 1, 1955 TO SEPTEMBER 30, 1957.

REGULATION AND DIVERSION: REGULATION - NONE
DIVERSION - SOME FOR IRRIGATION AND POWER DEVELOPMENT.

RECORDS AVAILABLE : AT STATION F151–R FEBRUARY 20, 1931 TO MARCH 31, 1955; F323–R FEBRUARY 1, 1956 TO SEPTEMBER 30, 1967. NO RECORD FROM MARCH31, 1955 TO FEBRUARY 1, 1956, DUE TO SAN ANTONIO DAM CONSTRUCTION.

EXTREMES OF DISCHARGE:

1955–66
MAXIMUM: NOT DETERMINED DECEMBER 29.
MINIMUM: NO FLOW FOR SEVERAL MONTHS.

19 –
MAXIMUM: 2,500. SECOND-FEET DECEMBER 6
MINIMUM: NO FLOW AT VARIOUS TIMES, OCTOBER AND NOVEMBER.

1930–67
MAXIMUM: 23,400. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW FOR SEVERAL MONTHS EACH YEAR.

ACCURACY: POOR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

75DT4M Cib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F323-R

Daily discharge, in second-feet of SAN ANTONIO CREEK above Stoddard Canyon, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	110	b 286	41	a 23	11	b 7.7	3.0			
2	0	0	95	b 280	41	a 23	11	7.4	3.6			
3	0	0	78	b 240	39	a 23	11	7.1	2.8			
4	0	0	71	188	39	23	11	6.7	2.2			
5	0	0	71	188	37	21	10	b 6.2	1.6			
6	0	0	65	188	44	20	10	6.0	+			
7	0	0	57	174	46	15	10	5.4	|			
8	0	0	52	161	39	16	10	6.0	|			
9	0	0	61	139	37	15	11	6.0	+			
10	0	0	60	127	37	15	11	7.1	2.0			
11	0	0	39	114	35	15	11	7.1	1.8			
12	0	0	51	102	35	14	11	7.1	1.6			
13	0	0	44	99	33	14	10	6.5	+			
14	0	+	41	99	31	14	10	6.5	0			
15	0	0.1	37	95	31	14	10	6.5	0			
16	0	0.3	37	102	31	14	12	6.5	0			
17	0	45	31	99	a 29	14	10	6.5	0			
18	0	50	31	92	| 27	12	11	6.5	0			
19	0	22	27	88	| 27	12	11	6.5	0			
20	0	15	23	85	| 27	12	8.9	6.5	0			
21	0	7.1	23	75	| 27	11	8.3	7.4	0			
22	0	b 535	26	60	| 25	11	8.9	7.1	0			
23	0	| 285	33	57	| 25	11	7.7	6.5	+			
24	0	| 335	31	54	| 23	21	7.7	6.5	|			
25	0	| 340	27	49	| 23	27	7.1	6.0	|			
26	0	| 250	25	46	| 23	21	7.7	6.0	|			
27	0	| 220	21	41	| 23	17	8.3	6.0	|			
28	0	| 180	20	41	a 23	15	8.3	4.8	|			
29	0	b 160	b 799	39		15	13	4.2	|			
30	0	135	b 466	41		15	8.9	3.6	+			
31	0		b 375	39		11		3.0				
	0	2579.5	2927	3488	898	504	296.8	192.9	E18.6	E 0	E 0	E 0
MEAN	0	86.0	94.4	113.	32.1	16.3	9.89	6.22	E 0.62	E 0	E 0	E 0
ACRE-FEET	0	5,120.	5,810.	6,920.	1,780.	1,000.	589.	383.	E 37.	E 0	E 0	E 0

RECORDER STOPPED FOR SUMMER

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 29.9
ACRE-FEET 21,630.

16D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F323-R

Daily discharge, in second-feet of SAN ANTONIO CREEK above Stoddard Canyon, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	b 33	25	a 11	32	63	54	23	9.4	a 1.0
2	0	0	+	30	23	a 11	32	68	50	22	8.0	4.5
3	0	0	54	27	22	11	35	68	48	19	d 7.0	21
4	0	0	10	24	18	11	39	68	45	20	6.9	21
5	0	0	69	21	17	8.9	37	70	43	20	6.7	21
6	0	0	y1,220	21	16	7.5	37	70	40	21	6.5	21
7	0	2.5	b 300	20	16	7.1	40	72	40	26	5.4	a 17
8	0	1.1	210	20	15	7.5	35	70	40	16	5.2	2.7
9	0	0	141	19	14	7.5	43	81	39	14	6.0	1.8
10	0	0	138	19	14	7.5	45	77	39	14	5.8	1.8
11	0	0	136	b 18	14	8.9	70	83	37	14	5.6	1.6
12	0	0	134	18	14	22	64	94	37	14	5.3	1.8
13	0	0	b 132	18	16	55	56	96	35	15	5.0	1.9
14	0	0	d 120	16	17	32	58	96	37	15	4.8	2.2
15	0	0	107	15	16	23	58	101	35	15	d 4.5	2.2
16	0	0	95	14	15	31	43	94	34	14	b 4.3	2.2
17	0	0	85	14	15	34	33	87	34	14	b 4.1	2.2
18	0	0	75	14	14	32	50	92	32	11	3.6	2.7
19	0	0	d 67	13	14	32	50	94	29	11	2.7	2.2
20	0	0	b 59	13	14	29	50	98	29	11	2.3	2.1
21	0	0	b 56	12	14	28	58	105	29	12	2.1	2.1
22	0	0	d 54	28	14	24	87	110	26	12	1.9	2.1
23	0	0	52	26	13	25	72	91	26	12	1.8	1.9
24	0	0	50	52	a 12	25	72	79	26	12	1.5	1.9
25	0	0	46	47	12	28	70	77	26	12	1.4	1.9
26	0	0	44	34	12	29	75	77	28	11	1.2	1.2
27	0	0	d 43	29	12	31	70	74	26	12	1.1	1.1
28	0	0	b 42	26	a 11	32	70	70	25	10	1.3	1.2
29	0	0	41	25		32	72	66	25	8.9	1.2	1.2
30	0	0	39	25		34	72	60	24	8.9	4.1	1.5
31	0		b 36	25		34		58		8.4	1.6	
	0	3.6	3,655	716	429	715.9	1,630	2,514	1,036	447.2	129.2	150.0
MEAN	0	0.12	118.	23.1	15.3	23.1	54.3	81.1	34.5	14.4	4.17	5.00
ACRE-FEET	0	7.3	7,250.	1,420.	851.	1,420.	3,230.	4,990	2,050.	887.	256.	298.

Remarks:

YEAR OR PERIOD MEAN 31.3
ACRE-FEET 22,660.

STATION F 332-R

SAN ANTONIO WATER COMPANY DIVERSION near Ontario No. 1 Power House

LOCATION: LAT. 34°10'23", LONG. 117°40'30", ON THE RIGHT (NORTH) BANK, ABOVE THE WATER COMPANY'S DISTRIBUTION BOX, 4.5 MILES NORTHEAST OF CLAREMONT. ELEVATION OF ZERO GAGE HEIGHT 2385±.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE 10 FEET WIDE BY 46 INCHES DEEP.
CONTROL - WIDE CRESTED WEIR BUILT INTO CHANNEL.

DISCHARGE MEASUREMENTS: MADE BY WADING ABOVE WEIR.

RECORDER: A WEEKLY RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: DIVERSION GATES AT SAN ANTONIO CREEK.

RECORDS AVAILABLE: FEBRUARY 4, 1957 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 20 SECOND-FEET NOVEMBER 30.
MINIMUM: NO FLOW PART OF YEAR.

1966-67
MAXIMUM: 35 SECOND-FEET MAY 16.
MINIMUM: NO FLOW PART OF YEAR.

1957-67
MAXIMUM: 35. SECOND-FEET MAY 16, 1967.
MINIMUM: NO FLOW AT VARIOUS TIMES EACH YEAR.

ACCURACY: GOOD

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76DT4M Gfb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F332-R

Daily discharge, in second-feet of SAN ANTONIO WATER COMPANY DIVERSION near Ontario No. 1 Power House for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	10.1	0	1.6	1.4	5.7	5.3	1.9			
2	0	0	6.1	0	1.6	1.4	6.1	5.2	1.9			
3	0	0	3.9	0	1.6	1.2	5.5	4.7	1.6			
4	0	0	2.0	0	1.6	1.3	5.5	4.3	1.6			
5	0	0	1.5	0	1.3	1.3	5.5	4.1	1.3			
6	0	0	2.1	0	1.5	1.3	5.8	4.3	0.3			
7	0	0	1.9	0	0.8	1.3	5.8	4.3	0			
8	0	0	3.5	0	2.3	1.6	5.8	4.3	+			
9	0	0	5.0	0	2.7	2.0	6.4	4.1	+			
10	0	0	4.8	0	2.6	2.1	6.7	4.1	0			
11	0	0	2.6	0	2.6	2.0	6.7	4.1	0			
12	0	0	4.4	0	2.6	2.1	6.9	3.9	0			
13	0	0	3.9	0	2.1	2.0	6.9	3.7	0			
14	0	0	2.9	0	1.7	2.8	6.9	3.7	0			
15	0	0	4.7	0	1.9	3.3	6.7	3.7	0			
16	0	0	6.1	0	2.1	3.3	7.2	3.3	0			
17	0	0	5.5	0	2.1	2.7	6.4	3.3	0			
18	0	4.3	4.7	7.8	2.3	2.9	6.7	3.5	0			
19	0	6.1	4.3	17.8	2.3	2.4	5.5	3.5	0			
20	0	4.2	3.7	21	2.3	2.1	5.5	3.7	0			
21	0	3.3	3.5	15.9	2.3	1.9	5.5	3.7	0			
22	0	1.3	4.2	5.3	2.4	1.9	6.1	3.1	0			
23	0	0	4.3	4.7	2.3	1.7	6.4	3.1	0			
24	0	0	4.5	4.5	2.4	1.7	5.8	3.3	0			
25	0	0.1	3.9	4.1	2.6	1.7	5.5	3.3	0			
26	0	0	2.9	4.1	2.6	2.0	5.5	3.7	0			
27	0	0	3.3	5.5	1.7	2.0	5.5	3.7	0			
28	0	0	5.0	5.0	1.2	1.9	5.8	3.3	0			
29	0	3.7	2.7	4.1		1.9	6.8	2.4	0			
30	0	12.8	0	4.3		2.0	6.1	2.1	0			
31	0		0	2.1		2.1		2.0				
	0	35.8	118.0	106.2	57.1	61.3	183.2	114.8	8.6	E 0	E 0	E 0
MEAN	0	1.19	3.81	3.42	2.04	1.98	6.11	3.70	0.29	E 0	E 0	E 0
ACRE-FEET	0	71.	234.	211.	113.	122.	363.	228.	17.	E 0	E 0	E 0

RECORDER STOPPED FOR SUMMER

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 1.88
ACRE-FEET 1,360.

76DT4M Gfb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F332-R

Daily discharge, in second-feet of SAN ANTONIO WATER CO. DIVERSION near Ontario No. 1 Power House for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	5.1	3.0	0.8	3.0	9.9	11.2	9.3	4.3	a
2	0	0	0	4.3	2.2	1.5	1.9	9.9	4.4	8.5	4.1	2.7
3	0	0	0	3.2	2.0	2.0	3.9	9.9	a 10.9	10.9	3.8	15.3
4	0	0	0	2.3	2.0	2.0	4.7	9.3	10.8	14.3	3.3	15.3
5	0	0	0	1.9	1.4	1.3	4.9	10.6	10.7	11.2	3.5	16.3
6	0	0	0	2.0	0.8	1.3	3.5	9.9	10.5	9.6	3.5	16.3
7	0	+	0	1.5	1.7	2.2	5.4	8.9	10.4	15.9	3.8	a 13.5
8	0	0	0	0.4	2.2	2.2	4.8	8.5	10.3	10.6	3.3	4.6
9	0	0	0	1.4	2.0	1.9	3.5	3.9	10.2	a 9.8	3.0	2.3
10	0	0	0	1.9	2.0	2.2	9.0	1.5	10.1	9.0	2.8	1.7
11	0	0	0	1.9	2.2	2.1	5.9	8.4	9.9	9.2	2.3	1.1
12	0	0	0	1.9	2.2	2.4	0	17.3	9.8	7.4	2.3	0.9
13	0	0	0	1.9	2.3	1.0	10.6	13.1	9.6	a 5.6	2.3	0.9
14	0	0	0	2.4	2.2	0.9	25	9.8	9.5	5.5	2.3	+
15	0	0	2.1	2.6	1.9	1.1	25	14.0	a 9.4	7.7	2.8	
16	0	0	5.5	2.2	1.9	1.1	13.0	16.5	9.3	9.2	1.7	
17	0	0	4.8	3.1	2.0	1.9	7.5	13.3	11.2	6.2	1.4	
18	0	0	2.7	2.8	2.0	2.2	8.2	14.1	9.3	5.9	1.1	
19	0	0	2.0	2.5	2.0	2.0	6.2	13.7	4.9	7.5	0.9	
20	0	0	5.4	2.2	1.7	1.9	9.0	13.7	4.6	9.5	0.7	
21	0	0	6.4	2.2	1.7	1.7	7.2	13.1	6.9	9.5	0.5	+
22	0	0	6.3	2.2	1.5	1.4	0	13.1	6.8	9.5	0.4	0
23	0	0	5.3	2.0	1.4	1.5	0	13.1	6.4	9.0	0.3	0
24	0	0	4.5	2.2	1.4	1.4	5.0	12.4	5.9	7.6	0.3	0
25	0	0	3.6	0.7	1.4	1.4	8.5	4.4	5.5	7.2	0.1	0
26	0	0	3.2	1.4	1.2	1.5	17.2	9.3	9.3	5.9	+	0
27	0	0	5.3	2.2	0.9	0.9	9.9	11.2	10.6	9.7		0
28	0	0	7.2	2.3	0.8	0.4	10.2	9.9	8.5	7.6		0
29	0	0	8.0	2.0		1.6	8.9	10.6	7.4	6.4		0
30	0	0	7.7	1.7		2.2	8.9	11.2	7.2	5.9		0
31	0		6.2	2.4		3.3		13.4		5.1	+	
	0	87.2		68.8	50.0	51.3	233.8	337.9	260.4	261.2	54.8	92.9
MEAN	0	0	2.81	2.22	1.78	1.65	7.79	10.9	8.68	8.42	1.77	3.10
ACRE-FEET	0	0	173.	136.	99.	102.	464.	670.	516.	518.	109.	184.

Remarks:

YEAR OR PERIOD MEAN 4.10
ACRE-FEET 2,970.

STATION F303-R

SAN DIMAS CREEK below San Dimas Dam

LOCATION: LAT. 34°09'09", LONG. 117°46'18" ON THE LEFT (EAST) BANK 1,000 FEET BELOW SAN DIMAS DAM, THREE MILES NORTH OF SAN DIMAS. ELEVATION OF ZERO GAGE HEIGHT 1,331.2 FEET.

DRAINAGE AREA: 16.2 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - ROCKY CANYON.
CONTROL: CONCRETE WALL KEEPS LOW FLOWS AT LEFT BANK.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR 25 FEET ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW REGULATED BY SAN DIMAS DAM AND PARTIALLY BY OLD WATER TUNNEL 150 FEET ABOVE STATION.
DIVERSION - NONE.

RECORDS AVAILABLE: DECEMBER 24, 1951 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE·

1965-66
MAXIMUM: 500. SECOND-FEET NOVEMBER 23.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 1,190. SECOND-FEET DECEMBER 6.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1951-67
MAXIMUM: 1,190. SECOND-FEET DECEMBER 6, 1966.
MINIMUM: NO FLOW AT TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

FORM 9-329M (Feb 1959)

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F303-R

Daily discharge, in second-feet of SAN DIMAS CREEK below San Dimas Dam, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	b 0.2	b 0.2	d 14.0	56	7.2	7.7	7.2	0.05	4.7	4.4	3.5	2.7
2	0.2	0.2	d 12.5	55	6.2	7.7	7.2	0.05	4.7	4.4	3.3	2.7
3	0.3	0.2	b 11.1	54	6.2	7.4	7.2	0.05	4.7	4.4	2.9	2.7
4	0.3	0.2	10.3	53	6.2	7.4	7.2	0.05	4.7	4.2	2.9	2.7
5	0.4	0.2	10.3	37	6.2	7.4	7.2	0.1	4.7	4.2	2.9	2.7
6	0.4	0.2	10.3	31	6.4	7.4	e 7.2	0.1	4.7	4.2	2.9	2.7
7	0.5	0.2	10.3	33	12.9	7.2	e 7.2	0.1	4.4	3.8	2.7	2.7
8	0.5	0.2	10.3	33	23	5.2	4.4	0.1	4.2	3.3	2.7	2.6
9	0.5	0.2	6.8	32	35	5.8	0.05	3.3	4.2	3.3	2.7	2.6
10	0.5	0.2	7.0	32	34	9.9	0.05	4.9	4.2	3.8	2.9	2.6
11	0.4	0.2	8.0	32	27	7.7	0.05	4.9	4.2	3.8	2.9	2.6
12	0.4	0.2	8.2	30	20	7.7	0.05	4.9	4.4	3.8	2.9	2.6
13	0.4	0.2	8.0	28	19.3	7.7	0.05	4.9	4.7	4.0	2.9	2.6
14	0.4	0.2	9.0	22	19.3	7.7	0.05	4.9	4.7	4.0	2.7	2.6
15	0.4	0.2	8.0	19.3	19.3	8.0	0.05	5.1	4.7	3.6	2.7	2.6
16	0.4	0.2	b 8.8	18.0	15.8	8.0	0.05	5.1	4.7	3.6	2.7	2.7
17	0.4	0.2	9.6	17.3	13.2	8.0	0.05	5.1	4.7	3.8	2.7	2.7
18	0.3	0.2	9.6	16.6	12.8	8.0	0.05	5.1	4.7	3.6	2.7	2.7
19	0.3	7.6	9.6	15.9	12.3	8.0	0.05	4.9	4.4	3.6	2.7	2.7
20	0.3	14.5	8.7	14.6	11.4	7.7	0.05	4.9	4.4	3.6	2.7	2.7
21	0.3	b 6.2	a 9.5	14.6	10.7	7.7	0.05	4.9	4.4	3.6	2.7	2.7
22	0.3	69	a 8.4	14.6	9.6	7.4	0.05	4.9	4.4	3.6	2.7	2.7
23	0.3	242	a 8.3	14.6	9.2	7.2	0.05	4.9	4.4	3.6	2.7	2.7
24	0.3	51	8.2	13.9	8.7	7.2	0.05	4.9	4.4	3.6	2.7	2.7
25	0.2	48	8.2	13.8	8.7	7.2	0.05	4.9	4.4	3.5	2.7	2.7
26	0.2	58	8.2	11.4	8.7	7.2	0.05	4.9	4.4	3.5	2.7	2.7
27	0.2	59	8.0	10.5	8.2	7.2	0.05	4.9	4.4	3.5	2.7	2.6
28	0.2	59	8.0	8.7	8.0	7.2	0.05	4.9	4.7	3.6	2.7	2.6
29	0.2	58	71	8.0		7.2	0.05	4.9	4.7	3.6	2.7	2.6
30	0.2	d 31	135	7.7		7.2	0.05	4.7	4.7	3.6	2.7	2.6
31	b 0.2		56	7.4		7.2		4.7		3.6	2.7	
	10.1		518.2		385.5		55.90		135.7		86.7	
		704.9		753.9		231.5		112.10		119.1		79.8
MEAN	0.33	23.5	16.7	24.3	13.8	7.47	1.86	3.62	4.52	3.80	2.80	2.66
ACRE-FEET	20.	1,400.	1,030.	1,500.	765.	459.	111.	222.	269.	234.	172.	158.

Remarks:

YEAR OR PERIOD MEAN 8.75
ACRE-FEET 6,520.

760T6M Cib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F303-R

Daily discharge, in second-feet of SAN DIMAS CREEK below San Dimas Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.4	b 1.2	0.03	8.8	52	9.5	13.3	33	22	0.2	0.1	0.1
2	2.4	b 1.2	0.03	b 8.3	40	9.5	12.9	33	22	0.2	0.1	0.1
3	2.4	b 1.2	b 0.05	8.4	30	9.5	12.9	35	22	0.2	0.1	0.1
4	2.4	1.3	b 1.0	8.4	30	9.5	12.9	30	22	0.2	0.1	0.1
5	2.4	b 0.7	b 2.0	8.1	29	9.5	12.9	30	22	29	0.1	0.1
6	2.4	b 0.7	516	b 8.1	29	39	12.9	30	22	44	0.1	0.1
7	2.4	b 0.7	383	7.7	22	0.5	13.3	30	19.7	33	0.1	0.1
8	2.4	9.8	63	7.7	18.4	0.5	13.8	30	15.3	29	0.1	0.1
9	2.4	7.6	57	7.0	18.4	0.5	13.8	34	14.8	29	0.1	0.1
10	2.2	b 1.7	23	7.7	17.4	0.5	13.8	44	13.3	29	0.1	0.1
11	2.2	1.5	22	b 7.7	17.4	0.6	14.2	41	13.3	28	0.1	0.1
12	2.1	1.3	22	7.7	17.4	0.8	14.2	31	13.3	28	0.1	0.1
13	1.9	1.1	22	7.7	17.4	2.4	13.8	10.9	13.8	28	0.1	0.1
14	2.1	0.5	20	7.7	17.4	6.0	14.2	16	13.8	29	0.1	0.1
15	1.9	0.1	20	7.7	17.4	5.8	14.2	38	12.5	29	0.1	0.1
16	1.9	0.05	20	7.7	17.4	5.5	14.2	34	12.4	29	0.1	0.1
17	1.8	0.05	14.3	9.3	15.2	5.5	12.6	43	12.4	29	0.1	0.1
18	1.8	0.05	14.2	8.4	12.9	5.5	14.4	48	12.4	28	0.1	0.1
19	3.1	0.04	14.2	9.4	12.4	5.5	31	41	12.4	28	0.1	0.1
20	3.1	0.04	13.8	7.7	12.4	9.0	52	33	12.4	27	0.1	0.1
21	3.0	0.04	13.8	7.0	11.1	11.6	54	33	4.6	27	0.1	0.1
22	3.5	0.03	12.0	7.4	11.1	16.7	130	40	0.2	27	0.1	0.1
23	3.3	b 0.03	10.2	8.1	11.1	28	114	37	0.2	27	0.1	0.1
24	1.9	0.03	9.8	a 17	10.7	29	51	26	0.2	25	0.1	0.1
25	3.3	0.03	9.8	59	10.7	28	14.7	22	0.2	24	0.1	0.1
26	4.4	0.03	9.5	56	10.7	27	16.2	22	0.2	24	0.1	0.1
27	1.3	0.03	9.1	50	9.8	25	37	22	0.2	29	0.1	0.1
28	1.5	0.03	9.1	52	9.8	25	51	22	0.2	32	0.1	0.1
29	b 1.4	0.03	9.0	52		25	55	22	0.2	26	0.1	6.2
30	b 1.3	0.03	8.9	52		17.9	38	22	0.2	24	0.1	9.4
31	b 1.2		8.3	54		13.3		22		16.1	0.1	
	71.8	30.14	1,343.51	575.2	523.5	345.5	888.2	964.9	330.7	762.9	3.1	17.4
MEAN	2.32	1.00	43.	18.6	18.9	11.1	29.6	31.1	11.0	24.6	0.10	0.58
ACRE-FEET	142.	60.	2,660.	1,140.	1,050.	685.	1,760.	1,910.	656.	1,510.	6.1	35.

Remarks:

YEAR OR PERIOD MEAN 16.1
ACRE-FEET 11,610.

STATION F218-R

SAN DIMAS WASH below Puddingstone Diversion Dam

LOCATION: LAT. 34°07'49", LONG. 117°46'58", ON SAN DIMAS TYPE FLUME, 75± FEET WEST OF SOUTHERLY END OF PUDDINGSTONE DIVERSION DAM AND 2± MILES NORTH OF SAN DIMAS. ELEVATION: OF ZERO GAGE HEIGHT 1,121.01.

DRAINAGE AREA: 18.8 SQUARE MILES. (16.2 MI² CONTROLLED BY SAN DIMAS DAM, 2.6 MI² CONTROLLED BY PUDDINGSTONE DIVERSION DAM.)

CHANNEL AND CONTROL: CHANNEL - SAND AND GRAVEL
CONTROL - 3 FOOT BY 3 FOOT SAN DIMAS TYPE FLUME

DISCHARGE MEASUREMENTS: LOW AND HIGH FLOWS BY WADING

RECORDER: A WEEKLY RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965, TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - PUDDINGSTONE DIVERSION DAM SPILLWAY DISCHARGE ENTERS WASH BELOW STATION. INFLOW TO PUDDINGSTONE DIVERSION DAM REGULATED BY SAN DIMAS DAM.
DIVERSION - SAN DIMAS WATER COMPANY AND ANDREW J. CREVOLIN (FORMERLY SAN DIMAS LAND AND WATER CO) MAY DIVERT BELOW SAN DIMAS DAM FOR IRRIGATION. PUDDINGSTONE DIVERSION CHANNEL DIVERTS FLOW TO PUDDINGSTONE DAM.

RECORDS AVAILABLE: NOVEMBER 28, 1945 TO SEPTEMBER 30, 1967. SOME MEASUREMENTS AVAILABLE FOR EARLIER YEARS.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 35 SECOND-FEET JANUARY 4.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 44 SECOND-FEET FEBRUARY 13.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1945-67
MAXIMUM: 46 SECOND-FEET APRIL 10, 1964.
MINIMUM: NO FLOW MOST OF EACH YEAR.

ACCURACY: EXCELLENT

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

7SD71M C6b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F218-R

Daily discharge, in second-feet of SAN DIMAS WASH below Puddingstone Diversion Dam for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	7.7	9.7	5.8	8.8	5.6	0	2.9	1.8	1.4	0.8
2	0	0	7.7	9.7	5.6	8.6	5.6	0	2.6	1.8	1.5	0.8
3	0	0	7.3	9.5	5.3	7.9	5.8	0	2.9	1.8	1.5	0.8
4	0	0	6.8	22	5.3	7.5	5.6	0	2.9	1.8	1.4	0.7
5	0	0	6.6	32	5.4	7.3	5.5	0	2.6	1.8	1.4	0.7
6	0	0	6.6	31	7.3	6.6	5.5	0	2.4	1.8	1.4	0.7
7	0	0	6.4	31	11.3	6.4	5.6	0	2.4	1.6	1.2	0.7
8	0	0	6.2	31	21	4.0	4.7	0	2.4	1.5	1.2	0.6
9	0	0	6.0	31	33	2.1	4.1	0	2.4	1.6	1.2	0.6
10	0	0	6.4	31	34	8.3	1.3	1.8	2.4	1.6	1.2	0.6
11	0	0	6.4	31	33	8.1	0	0.9	2.4	1.6	1.2	0.5
12	0	0	6.4	31	23	7.5	0	0	2.3	1.6	1.2	0.6
13	0	0	6.0	28	17.3	6.8	0	0	2.3	1.6	1.2	0.6
14	0	0	5.8	21	12.9	6.6	0	0	2.1	1.6	1.1	0.6
15	0	0	5.8	18	9.7	6.6	0	0	2.1	1.6	1.1	0.6
16	0	0	6.8	15.8	10.6	6.6	0	0	2.1	1.8	0.9	0.6
17	0	0	7.3	15.5	10.6	6.6	0	2.9	2.1	1.6	0.9	0.6
18	0	0	7.3	15.5	10.4	6.4	0	4.4	2.0	1.6	0.9	0.6
19	0	0	7.3	15.7	10.2	6.4	0	4.2	1.9	1.6	0.8	0.6
20	0	2.8	7.3	13.2	10.4	6.4	0	4.2	1.6	1.8	0.6	0.6
21	0	4.3	7.7	12.9	10.4	6.4	0	4.0	1.6	1.8	0.6	0.6
22	0	0.8	7.7	12.7	10.6	6.2	0	3.7	2.0	1.8	0.7	0.6
23	0	8.1	7.7	12.5	10.6	6.0	0	3.5	2.3	1.8	0.7	0.4
24	0	9.9	7.7	12.5	10.9	6.6	0	3.1	2.4	1.5	0.7	0.4
25	0	2.4	7.0	12.2	10.6	7.3	0	2.9	2.8	1.8	0.7	0.4
26	0	5.8	6.6	10.4	10.2	6.4	0	3.1	2.4	1.8	0.6	a 0.4
27	0	7.9	7.2	8.8	9.7	6.4	0	3.1	2.4	1.8	0.6	— 0.4
28	0	7.9	8.8	6.0	9.3	6.0	0	2.9	1.9	1.8	0.6	— 0.3
29	0	7.9	9.5	5.6		6.0	0	2.6	1.9	1.6	0.6	a 0.3
30	0	7.9	10.2	7.3		6.0	0	2.4	1.8	1.6	0.8	0.3
31	0		9.7	6.2		5.8		2.9		1.6	0.8	
	0	65.7	223.9	549.7	364.4	204.6	49.3	52.6	68.3	52.4	30.7	17.1
MEAN	0	2.19	7.22	17.7	13.0	6.60	1.64	1.70	2.28	1.69	0.99	0.57
ACRE-FEET	0	130.	444.	1,090.	723.	405.	98.	104.	135.	104.	61.	34.5

Remarks:

YEAR OR PERIOD MEAN 4.60
ACRE-FEET 3,330.

7SD71M C6b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F218-R

Daily discharge, in second-feet of SAN DIMAS WASH below Puddingstone Diversion Dam for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.5	0.9	0	2.4	1.8	7.1	5.5	4.2	3.4	+	9.6	
2	0.6	1.0	+	2.3	0	7.1	5.3	4.4	4.6	+	11.8	
3	0.6	1.3	+	2.1	0	7.1	4.9	4.7	4.6	+	10.9	0
4	0.6	1.6	1.6	2.0	0	6.8	4.9	4.4	4.6	+	3.3	0
5	0.6	1.5	0.1	2.3	0	5.6	5.1	4.4	4.6	0	0.1	0
6	0.4	1.4	0	2.4	0	5.6	4.9	4.4	4.6	5.4	0.1	0
7	0.4	1.2	2.4	2.4	0	5.6	4.6	4.4	1.6	11.1	0.1	
8	0.6	1.1	4.0	2.4	2.7	2.6	4.6	4.4	0	11.1	0.1	
9	0.4	2.0	4.0	2.3	5.6	0	4.4	4.0	0	10.9	0.1	0
10	0.4	3.5	4.0	2.3	9.2	0	4.4	4.6	0	10.9	0.1	0
11	0.3	3.5	4.0	2.1	11.5	0	4.6	4.2	0	10.6	0.2	0
12	0.3	3.3	3.8	2.1	11.5	0	4.6	4.2	0	10.6	0.1	0
13	0.2	2.8	3.7	2.1	7.9	2.8	4.6	5.7	0	10.4	0.1	0
14	0.3	2.3	3.3	2.1	2.4	5.5	4.6	5.5	0	10.4	0.2	0
15	0.3	a 1.6	3.1	2.1	3.0	5.3	4.6	2.4	0	10.4	0.3	0
16	0.3	a 1.5	3.1	2.4	9.7	7.3	4.6	0	0	10.4	0.3	0
17	0.2	a 1.3	3.3	2.4	8.8	9.3	4.4	0	0	9.2	0.3	0
18	0	1.1	3.3	2.4	7.9	7.7	4.4	0	0	5.3	0.3	0
19	0.5	1.0	3.5	2.4	7.9	7.1	4.4	0	0	0	0.2	0
20	a 1.0	0.7	3.5	2.4	7.9	6.6	4.4	0	0	0	0.2	0
21	0.9	0.6	3.5	2.4	7.9	7.1	4.6	0	5.9	0	0.2	0
22	1.8	a 0.7	3.5	2.4	7.7	7.5	4.2	0	9.7	0	0.3	0
23	1.5	0.7	3.3	2.4	7.7	5.8	4.2	4.6	9.5	0	0.3	0
24	0.9	0.8	3.3	2.4	7.7	5.6	4.2	9.0	8.1	0	0.1	0
25	a 0.9	0.6	3.5	2.4	7.7	5.6	4.2	6.0	7.3	0	+	0
26	a 0.9	0.3	3.3	2.6	7.5	5.6	4.0	2.0	3.8	0	+	0
27	a 2.1	0	3.3	2.8	7.5	5.6	4.2	2.0	0.5	4.6	+	0
28	1.2	0	3.3	2.8	7.3	5.6	4.2	2.0	0.4	9.1	+	0
29	1.1	0	3.3	2.8		5.6	4.2	1.9	+	6.0	+	0
30	1.1	0	2.9	2.8		5.6	4.2	1.8	+	5.2	0	2.5
31	1.0		2.3	2.8		5.6		1.8		7.4	0	
	22.0	38.2	86.2	74.0	163.8	166.3	136.0	97.1	73.2	159.0	39.3	2.5
MEAN	0.71	1.27	2.78	2.39	5.85	5.36	4.53	3.13	2.44	5.13	1.27	0.08
ACRE-FEET	44.	76.	171.	147.	325.	330.	270.	193.	145.	315.	78.	5.0

Remarks:

YEAR OR PERIOD MEAN 2.90
ACRE-FEET 2,100.

STATION F209-R

SAN GABRIEL RIVER - WEST FORK below Cogswell Dam

LOCATION: LAT. 34°14'39", LONG. 117°57'25", ON THE LEFT (NORTH) BANK, 0.5 MILE DOWNSTREAM OF DAM, ABOUT 22 MILES NORTHWEST OF AZUSA. ELEVATION OF ZERO GAGE HEIGHT 2,083.37 FEET.

DRAINAGE AREA: 41.0 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND, GRAVEL AND BOULDERS.
CONTROL - CONCRETE WALL WITH LOW FLOW NOTCH; ABOUT 35 FEET BELOW STATION.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR 6 FEET BELOW STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - 40.4 SQUARE MILES REGULATED BY COGSWELL DAM.
DIVERSION - NONE.

RECORDS AVAILABLE: MAY 26, 1932 TO DECEMBER 8, 1933 STREAM MEASUREMENTS ONLY; DECEMBER 8, 1933 TO FEBRUARY 21, 1938; MARCH 10, 1938 TO MAY 30, 1938; JULY 8, 1938 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,570. SECOND-FEET NOVEMBER 22.
MINIMUM: 0.3 SECOND-FOOT ON SEVERAL DAYS.

1966-67
MAXIMUM: 2,460. SECOND-FEET DECEMBER 6.
MINIMUM: 0.3 SECOND-FOOT, SEVERAL DAYS, NOVEMBER AND DECEMBER.

1933-67
MAXIMUM: 25,000. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: LESS THAN 0.1 SECOND-FOOT AT VARIOUS TIMES.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT FOR MEASURING OUTFLOW OF COGSWELL DAM.

7407-M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F209-R

Daily discharge, in second-feet of SAN GABRIEL RIVER - WEST FORK below Cogswell Dam, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13.3	0.3	418	210	1.8	2.8	76	b 21	b 10.3	b 5.1	b 1.9	1.9
2	13.3	0.4	462	193	1.8	2.8	92	20	9.7	4.9	1.9	1.9
3	12.9	0.4	398	159	1.6	2.6	92	19.0	9.3	4.7	1.8	1.8
4	12.9	0.4	336	297	1.8	2.6	91	17.4	9.2	4.5	1.8	1.7
5	12.6	0.4	358	429	1.8	2.6	92	16.2	9.1	4.2	1.7	1.7
6	12.6	0.4	238	448	2.8	2.6	91	16.1	9.0	3.8	1.7	1.6
7	12.6	0.4	154	660	2.2	2.6	92	16.1	8.8	3.5	1.7	1.6
8	12.2	0.4	71	420	2.2	2.6	92	16.1	8.6	3.5	b 1.6	1.5
9	12.2	0.4	66	249	2.2	2.6	92	16.1	8.4	3.4	1.5	1.5
10	12.2	0.4	45	698	2.2	2.6	88	16.1	8.0	3.3	1.5	1.4
11	12.2	0.4	62	751	2.2	2.6	88	16.1	7.8	3.3	1.5	1.4
12	12.2	0.4	75	708	2.2	2.6	83	16.1	7.5	3.3	1.5	1.5
13	11.9	0.4	39	338	2.2	2.8	82	15.7	7.2	3.1	1.4	1.5
14	11.9	0.6	36	79	2.3	2.8	79	15.0	6.8	3.0	1.4	1.5
15	10.3	1.2	31	76	2.4	2.9	78	14.3	6.3	2.9	1.4	1.4
16	11.2	2.6	12.5	89	2.4	2.8	77	13.6	6.0	2.8	1.4	1.4
17	11.2	18.1	0.6	86	2.5	2.8	61	12.8	6.0	2.7	1.4	1.5
18	11.2	80	0.6	86	2.5	2.8	13.2	11.7	6.0	2.7	1.4	1.7
19	11.2	191	0.7	85	2.5	2.8	13.5	11.2	6.0	2.6	1.4	1.8
20	4.4	208	0.7	68	2.5	2.8	13.9	11.9	5.9	2.5	1.6	2.0
21	0.4	209	0.8	62	2.5	2.8	15.3	12.8	5.9	2.4	1.6	1.9
22	0.4	842	0.9	62	2.5	2.8	22	13.7	5.9	2.4	1.6	1.8
23	0.4	1,120	0.9	62	2.5	2.8	58	14.3	5.9	2.3	1.5	a 1.8
24	0.4	360	0.9	58	2.6	2.9	229	15.0	5.8	2.3	1.5	1.8
25	0.4	685	0.9	44	2.6	3.1	374	15.2	5.7	2.2	1.5	1.7
26	0.4	412	0.9	24	2.6	2.9	395	14.7	5.6	2.2	1.5	1.7
27	0.4	412	11.2	1.6	2.6	2.9	380	14.2	5.5	2.1	1.6	1.6
28	0.4	405	33	1.6	2.8	24	192	13.6	5.4	2.1	1.6	a 1.6
29	0.3	401	484	1.6		51	23	12.8	5.3	2.1	1.7	1.6
30	0.3	390	409	2.0		50	22	12.1	b 5.3	2.0	1.7	1.4
31	0.3		212	1.8		49		b 11.2		b 2.0	1.8	
	238.6		3,958.6		65.0		3,196.9		212.2		49.1	
		6,241.6		6,449.6		248.3		462.1		93.9		49.2
MEAN	7.70	208.	128.	208.	2.32	8.01	107.	14.9	7.07	3.03	1.58	1.64
ACRE-FEET	473.	12,380.	7,850.	12,790.	129.	492.	6,340.	917.	421.	186.	97.	98.

Remarks:

YEAR OR PERIOD MEAN 58.3
ACRE-FEET 42,170.

75D743M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F209-R

Daily discharge, in second-feet of SAN GABRIEL RIVER – WEST FORK below Cogswell Dam, for the year ending September 30, 1967

Day	Oct.		Nov.	Dec.	Jan.		Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.6		1.4	0.3	1.9		194	4.6	5.3	156	56	10.2	24	24
2	0.6		0.8	0.3	1.9		148	4.6	5.1	156	56	10.9	25	24
3	1.8		0.4	0.9	1.9		112	4.6	5.1	103	56	10.9	25	25
4	3.1		0.8	0.5	2.1		112	4.6	5.3	74	56	10.9	25	25
5	3.3		1.0	1.2	2.1		112	4.7	5.3	74	56	11.2	25	26
6	2.5		0.6	809	2.0		67	4.7	5.1	74	55	11.2	25	26
7	2.1		1.8	1,040	1.6		16.7	4.9	5.1	74	55	11.2	25	26
8	2.0		0.5	408	2.2		12.9	4.9	5.3	74	55	11.2	25	26
9	1.8		0.3	235	2.2		13.3	4.9	5.3	74	55	12.9	25	25
10	1.8		0.3	121	e 1.7		13.3	4.9	5.6	74	55	15.6	25	25
11	2.0		0.3	119	1.7		13.3	5.3	35	92	55	16.0	25	24
12	1.8		0.3	117	1.7		13.3	6.5	55	115	55	16.1	25	24
13	2.0		0.3	117	1.7		13.3	137	56	113	54	16.4	25	24
14	1.7	f	0.3	115	1.7		34	583	40	115	54	14.3	25	23
15	0.7	b	0.3	135	1.7		36	690	9.3	115	39	14.0	24	22
16	0.7		0.3	125	1.7		9.4	648	9.9	114	25	13.3	26	23
17	0.7		0.3	52	1.9		9.4	365	9.9	114	19.9	14.0	26	24
18	0.7		0.3	52	1.9		9.4	123	29	104	19.9	12.9	26	24
19	0.7	b	0.3	43	1.9		9.4	74	125	112	20	12.9	26	39
20	0.7	f	0.3	22	1.9		7.2	68	125	112	19.7	11.2	26	49
21	0.7		0.3	8.2	1.9		5.1	27	127	110	21	12.2	25	48
22	0.9		0.3	8.2	6.6		4.9	4.2	132	95	21	11.6	25	49
23	1.0		0.3	4.9	4.6		4.9	4.2	132	6.0	21	10.5	25	49
24	1.1		0.3	2.0	13.3		4.9	4.2	168	6.0	21	11.6	24	49
25	1.1		0.3	2.0	8.4		4.9	4.2	232	7.2	20	10.2	24	49
26	1.1		0.3	1.9	6.2		4.7	4.4	243	9.6	20	10.5	24	49
27	1.2		0.3	1.9	73		4.7	4.4	246	9.6	19.9	9.6	24	49
28	1.2		0.3	1.9	180		4.6	4.7	242	9.9	19.4	10.5	24	49
29	1.2		0.3	1.9	160			4.7	201	25	19.4	10.9	24	49
30	1.2		0.3	1.9	202			4.7	159	56	15.9	10.2	24	50
31	1.3			1.9	234			4.9		56		20	24	
	43.3		13.9	3,549.9	947.4		994.6	2818.8	2428.6	2431.3	1115.1	385.1	770.0	1,017.0
MEAN	1.40		0.46	114.	30.6		35.5	90.9	81.0	78.4	37.2	12.4	24.8	33.9
ACRE-FEET	86.		28.	7,040.	1,880.		1,970.	5,590.	4,820.	4,820.	2,210.	764.	1,530.	2,020.

Remarks:

YEAR OR PERIOD MEAN 45.2
ACRE-FEET 32,760.

STATION P3-R

SAN GABRIEL RIVER - WEST FORK above Forks

LOCATION: LAT. 34°14'28", LONG. 117°51'45", ON THE RIGHT (SOUTH) BANK, 0.2 MILE ABOVE RINCON RANGER STATION, 1.5 MILES ABOVE EAST FORK AND ABOUT 13.5 MILES SOUTH OF AZUSA. ELEVATION OF ZERO GAGE HEIGHT 1,474.94 FEET.

DRAINAGE AREA: 102. SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND, GRAVEL AND BOULDERS.
CONTROL - CONCRETE DIP CROSSING ABOUT 100 FEET BELOW STATION.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR 75 FEET BELOW STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW FROM 40.4 SQUARE MILES REGULATED BY COGSWELL DAM; 61.6 SQUARE MILES UNREGULATED.
DIVERSION - NONE.

RECORDS AVAILABLE: DECEMBER 3, 1930 TO SEPTEMBER 30, 1967: RECORDS PRIOR TO DECEMBER 3, 1930 FILED WITH STATION P1-R, SAN GABRIEL RIVER - WEST FORK, 0.5 MILE ABOVE FORKS. RECORDS FROM JULY 12, 1936 TO SEPTEMBER 27, 1938, ARE FROM STATION P3B-R, SAN GABRIEL RIVER - WEST FORK, 400 FEET BELOW NORTH FORK.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 12,980. SECOND-FEET DECEMBER 29.
MINIMUM: 2.3 SECOND-FEET OCTOBER 25.

1966-67
MAXIMUM: 4,700. SECOND-FEET DECEMBER 6.
MINIMUM: 7.0 SECOND-FEET AT VARIOUS TIMES.

1930-67
MAXIMUM: 34,000 SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: 0.3 SECOND-FOOT OCTOBER 17, 1931.

ACCURACY: GOOD.

OPERATION: MOVED FROM A PREVIOUS LOCATION BY THE DISTRICT FOR THE PASADENA WATER DEPARTMENT. THIS STATION WAS LATER TAKEN OVER, RECONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. P3-R

Daily discharge, in second-feet of SAN GABRIEL RIVER - WEST FORK above Forks, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17	3.3	568	v 913	116	84	119	v 58	b 37	b 20	d 15	d 14
2	17	3.3	565	787	112	81	145	b 51	36	20	14	14
3	16	3.5	511	634	110	79	145	52	35	19	14	11
4	16	3.5	420	678	108	76	145	52	34	19	13	8.9
5	16	3.5	442	881	106	76	140	53	33	18	13	8.9
6	16	3.5	376	844	190	74	137	52	32	18	13	8.9
7	16	3.5	284	983	171	74	135	51	33	18	13	9.9
8	16	3.5	187	756	141	71	135	50	34	18	13	11
9	16	3.8	189	495	135	71	133	50	35	18	14	9.9
10	16	4.1	183	917	129	71	133	50	34	17	14	9.9
11	15	4.1	167	902	122	68	133	50	32	17	15	8.9
12	15	4.1	188	v 848	118	68	133	50	30	17	14	8.9
13	15	4.1	152	496	114	70	129	49	29	17	14	8.9
14	16	6.1	150	262	112	71	126	48	29	18	14	9.9
15	15	19	143	247	108	70	124	47	29	17	14	11
16	16	74	132	250	104	68	124	46	29	17	13	11
17	16	1,480	107	237	104	65	118	44	28	16	12	11
18	15	870	99	225	102	65	64	42	27	16	12	13
19	15	380	97	221	96	65	64	39	26	15	12	14
20	13	313	95	204	91	65	61	39	26	15	12	13
21	5.3	278	89	193	88	65	59	39	25	15	12	12
22	3.5	3,220	90	190	88	64	64	39	25	14	12	9.9
23	3.1	3,250	85	187	88	61	84	39	25	14	12	8.9
24	2.9	2,880	83	184	88	65	230	38	25	14	13	8.9
25	2.7	1,750	83	160	88	76	393	36	24	14	13	8.9
26	2.9	945	83	143	86	68	436	36	24	15	12	9.9
27	3.1	752	86	116	84	65	410	36	23	15	12	9.9
28	3.3	662	105	110	82	71	265	37	22	16	12	9.9
29	3.3	619	4,000	112		104	v 74	37	21	16	11	11
30	3.3	589	v 2,120	130		104	v 66	37	b 21	15	12	11
31	e 3.4		v 1,160	120		102		b 37		b 15	d 13	
	349.8	18,134.9	13,039	13,425	3,081	2,277	4,524	1,384	863	513	402	316.3
MEAN	11.3	604.	421.	433.	110.	73.5	151.	44.6	28.8	16.5	13.0	10.5
ACRE-FEET	694.	35,970.	25,860.	26,630.	6,110.	4,520.	8,970.	2,740.	1,710.	1,020.	797.	627.

Remarks:

YEAR OR PERIOD MEAN 160.
ACRE-FEET 115,600.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. P3-R

Daily discharge, in second-feet of SAN GABRIEL RIVER – WEST FORK above Forks, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7.0	8.0	17	50	326	59	142	435	f 184	74	69	53
2	7.0	8.0	21	49	276	57	156	416	a 180	71	69	55
3	13	8.0	541	48	234	57	146	368	a 177	71	69	55
4	12	11	164	48	218	59	187	322	a 174	71	66	55
5	13	12	465	48	209	58	180	322	f 170	74	64	53
6	13	13	2,320	48	168	57	165	314	170	74	62	53
7	14	211	1,460	46	106	54	182	314	165	74	62	53
8	13	88	797	45	98	56	165	331	170	77	62	50
9	12	38	470	45	96	56	160	322	170	74	62	48
10	12	29	300	44	92	56	156	314	170	77	62	46
11	13	25	257	42	90	72	285	311	165	77	62	45
12	13	23	234	42	87	254	243	339	165	74	60	48
13	13	21	218	41	87	616	237	322	165	71	57	48
14	12	21	205	40	102	926	226	314	156	69	60	50
15	9.9	20	212	38	115	925	196	307	137	66	55	45
16	9.9	19	226	38	79	858	190	307	111	66	64	46
17	8.9	18	132	38	76	632	190	307	104	66	62	46
18	8.9	17	129	38	76	333	253	293	104	64	62	48
19	8.0	17	119	38	77	241	388	293	100	66	60	60
20	8.0	17	92	37	77	219	356	278	94	64	57	77
21	8.9	18	72	36	70	181	408	264	97	60	55	77
22	8.9	17	69	193	67	142	630	247	94	60	55	77
23	8.9	15	65	187	65	137	515	160	94	57	55	77
24	6.0	15	61	535	65	133	498	151	91	60	55	77
25	7.0	15	59	484	70	126	540	142	86	60	55	77
26	8.0	15	58	244	67	122	594	146	86	57	55	74
27	8.9	16	57	238	65	118	592	146	88	55	55	74
28	8.9	17	54	353	62	115	592	142	88	53	55	74
29	8.9	17	52	353		115	518	150	88	53	53	74
30	8.9	17	52	364		111	435	184	88	53	53	74
31	8.0		50	361		127		190		56	53	
	313.9	786	9,027	4,211	3,220	7,071	9,525	8,451	3,931	2,044	1,845	1,789
MEAN	10.1	26.2	291.	136.	115.	228.	318	273.	131.	65.9	59.5	59.6
ACRE-FEET	623.	1,560.	17,900.	8,350.	6,390.	14,040.	18,890.	16,760.	7,800.	4,050.	3,660.	3,550.

Remarks:

YEAR OR PERIOD MEAN 143.
ACRE-FEET 103,600.

STATION P4B-R

SAN GABRIEL RIVER - EAST FORK above Forks

LOCATION: LAT. 34°14'09", LONG. 117°48'18", ON THE RIGHT (NORTH) BANK, 2.5 MILES ABOVE THE WEST FORK AND ABOUT 12 MILES NORTH OF AZUSA. ELEVATION OF ZERO GAGE HEIGHT 1,567.04 MILES.

DRAINAGE AREA: 88.2 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND, GRAVEL AND BOULDERS. CONTROL - CONCRETE STABILIZER WITH 20-FOOT LOW FLOW NOTCH WAS CONSTRUCTED IN NOVEMBER 1947. CONTROL HEIGHT INCREASED 2.0 FEET SEPTEMBER 1955.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR 23 FEET ABOVE GAGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: AT STATIONS P4-R (ABOUT 0.6 MILE DOWNSTREAM) AND P4B-R, NOVEMBER 30, 1932, TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 9,760. SECOND-FEET DECEMBER 29.
MINIMUM: 8.0 SECOND-FEET OCTOBER 28.

1966-67
MAXIMUM: 6,200. SECOND-FEET DECEMBER 6.
MINIMUM: 14. SECOND-FEET AT VARIOUS TIMES.

1932-67
MAXIMUM: 46,000. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: 1.6 SECOND-FEET SEPTEMBER 4, 1961.

ACCURACY: LOW FLOWS - GOOD; HIGH FLOWS - FAIR.

OPERATION: MOVED FROM PREVIOUS LOCATION BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT FOR THE PASADENA WATER DEPARTMENT. THE STATION WAS LATER TAKEN OVER, RECONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOGRAPHICAL SURVEY.

76DT4M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. P4B-R

Daily discharge, in second-feet of SAN GABRIEL RIVER - EAST FORK above Forks, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	8.9	v 441	764	140	112	88	64	49	34	25	23
2	9.9	9.3	v 393	653	135	108	88	66	48	34	25	22
3	9.3	9.3	v 344	566	125	102	88	66	48	33	25	21
4	9.3	9.3	296	518	125	101	88	65	46	33	24	20
5	9.3	9.3	v 250	v 470	128	97	87	64	46	33	24	20
6	9.9	9.3	212	v 430	229	95	84	62	45	33	24	19
7	8.9	9.9	195	401	207	95	81	59	45	32	24	19
8	8.9	9.9	204	370	186	94	80	61	46	32	23	18
9	9.3	9.9	242	326	165	97	81	65	45	31	23	17
10	9.9	10	219	283	156	95	83	65	42	29	23	16
11	9.3	10	209	263	152	94	84	64	42	29	23	16
12	8.9	10	221	248	145	94	83	62	42	29	23	17
13	8.9	11	191	238	138	92	81	58	42	29	22	17
14	9.9	14	185	227	136	95	78	57	41	29	21	17
15	10	27	171	217	134	97	75	55	40	29	20	16
16	9.9	50	173	211	129	97	74	55	40	28	20	16
17	9.9	680	180	205	129	95	75	55	40	27	20	16
18	9.9	604	165	196	129	94	78	55	39	26	20	17
19	9.9	240	157	196	125	94	77	53	40	26	19	20
20	9.9	147	156	193	121	94	74	51	39	28	20	20
21	8.9	114	146	184	116	94	72	53	39	29	20	19
22	8.9	2,250	144	175	116	94	71	53	39	28	20	18
23	8.9	2,350	136	166	114	95	69	53	39	28	20	17
24	8.9	1,940	132	160	114	100	66	51	39	26	19	17
25	8.9	1,520	130	158	116	107	65	51	38	25	18	17
26	8.9	994	128	155	116	94	65	51	36	25	18	17
27	8.9	698	127	158	116	90	65	51	35	25	19	17
28	8.4	v 600	126	155	114	88	65	50	35	25	20	15
29	8.9	506	2,530	150		90	65	49	34	27	18	17
30	8.9	490	1,960	161		88	65	48	34	26	19	18
31	9.3		1,140	145		88		48		25	21	
	289.0	13,350.1	11,303	8,742	3,856	2,970	2,295	1,760	1,233	893	660	539
MEAN	9.32	445.	365.	282.	138.	95.8	76.5	56.8	41.1	28.8	21.3	18.0
ACRE-FEET	573.	26,480.	22,420.	17,340.	7,650.	5,890.	4,550.	3,490.	2,450.	1,770.	1,310.	1,070.

Remarks:

YEAR OR PERIOD MEAN 131.
ACRE-FEET 94,990.

TSD74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. P4B--R

Daily discharge, in second-feet of SAN GABRIEL RIVER -- EAST FORK above Forks, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17	14	23	101	192	84	218	348	239	94	62	44
2	15	15	24	95	175	86	194	344	221	95	61	46
3	18	15	586	92	161	86	184	351	208	94	55	46
4	18	15	181	90	152	84	228	351	192	94	b 55	46
5	18	15	501	90	140	80	259	355	184	90	b 55	42
6	19	16	3,190	88	134	75	224	353	184	92	b 54	42
7	18	53	1,600	86	134	75	237	349	184	92	54	41
8	18	63	b 749	83	134	72	227	351	186	95	54	40
9	17	34	536	81	129	71	216	380	181	95	50	39
10	17	27	436	81	127	74	221	414	178	97	49	38
11	18	24	381	77	123	89	268	396	178	90	50	36
12	17	23	339	74	119	183	245	351	175	87	51	35
13	16	21	315	74	116	427	248	314	170	92	53	38
14	15	20	288	74	121	423	245	297	161	b 88	57	36
15	16	20	b 265	74	116	307	257	294	152	b 81	59	35
16	16	20	200	74	108	320	261	297	145	b 77	62	34
17	18	20	b 199	72	106	384	257	290	136	b 73	55	33
18	18	20	181	71	106	409	291	332	127	74	53	33
19	17	20	175	69	106	350	296	485	123	74	53	35
20	17	19	b 163	68	102	287	290	400	125	72	55	36
21	16	20	156	68	102	276	336	359	125	75	51	38
22	16	21	152	143	99	288	448	355	127	84	48	38
23	15	21	152	150	99	267	375	340	121	80	51	39
24	16	21	149	347	95	257	359	319	116	74	50	39
25	16	21	139	395	97	243	380	297	112	71	46	39
26	16	20	135	270	83	234	384	294	108	69	48	36
27	16	20	127	257	84	219	392	277	106	68	46	35
28	16	20	117	276	84	200	396	267	101	69	42	39
29	16	23	104	208		194	375	254	97	68	42	38
30	16	23	101	197		183	351	248	94	65	42	36
31	15		101	202		203		248		62	41	
	517	684	11,754	4,137	3,349	6,598	8,662	10,360	4,556	2,531	1,604	1,153
MEAN	16.7	22.8	379.	133.	120.	213.	289.	334.	152.	81.6	51.7	38.4
ACRE-FEET	1,020.	1,360.	23,310.	8,210.	6,640.	13,090.	17,180.	20,550.	9,040.	5,020.	3,180.	2,290.

Remarks:

YEAR OR PERIOD MEAN 153.
ACRE-FEET 110,900.

STATION F250-R
SAN GABRIEL-AZUSA CONDUIT at 25-Foot Weir
below San Gabriel Dam

LOCATION: LAT. 34°12'17", LONG. 117°51'17", ON THE LEFT (EAST) SIDE OF SANDBOX ON AZUSA CONDUIT, 12 FEET ABOVE 25-FOOT WEIR AND ABOUT 100 FEET BELOW THE 30-FOOT OUTLET TUNNEL AT SAN GABRIEL DAM, 63 FEET ABOVE STATION F220B-R. ELEVATION OF TOP OF WEIR 1,199.70 FEET.

CHANNEL AND CONTROL: CHANNEL - CONCRETE SANDBOX WITH SLUICE GATES AND A CONCRETE BY-PASS CHANNEL. A SECONDARY BOX WITH A TAINTOR GATE AND A 10-FOOT WEIR CONTROLS FLOWS INTO THE CONDUIT.
CONTROL: A 25-FOOT SHARP-CRESTED WEIR WITH TWO END CONTRACTIONS. STATION F250-R GIVES A RECORD OF THE FLOW DOWN THE AZUSA CONDUIT AND/OR FLOW SPILLED INTO MORRIS RESERVOIR.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SAN GABRIEL DAM REGULATES ENTIRE FLOW TO SANDBOX BY VALVE DISCHARGE.
DIVERSION - NONE.

RECORDS AVAILABLE: FEBRUARY 14, 1935 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE: FLOW ENTIRELY REGULATED.
CAPACITY OF SANDBOX IS ABOUT 165 SECOND-FEET; CAPACITY OF 25-FOOT WEIR IS ABOUT 142 SECOND-FEET AND THE CAPACITY OF AZUSA CONDUIT IS ABOUT 95 SECOND-FEET.

ACCURACY: EXCELLENT.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

REMARKS: THIS IS A RECORD OF DISCHARGES FROM THE SAN GABRIEL DAM THROUGH THE SANDBOX ONLY AND DOES NOT NECESSARILY REFLECT DISCHARGE TO THE AZUSA CONDUIT.

76D764M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F250-R

Daily discharge, in second-feet of SAN GABRIEL-AZUSA CONDUIT 25-foot Weir below San Gabriel Dam, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	70	11.8	e 0.5	0	50	83	0	0	50	68	50	51
2	70	12.2	0.5	0	51	83	0	0	50	60	50	51
3	70	12.2	0.5	0	51	82	0	0	49	60	50	50
4	70	12.2	0.5	0	51	47	0	0	49	60	50	50
5	70	12.2	0.5	0	51	+	0	0	50	60	50	50
6	70	12.2	0.3	0	51	|	0	0	50	59	50	50
7	70	12.2	0	0	51	|	0	0	50	60	50	55
8	70	12.2	0	0	63	+	0	0	66	60	50	57
9	70	12.3	0	0	70	0	0	31	75	60	50	57
10	70	12.3	0.1	6.6	70	0	0	50	76	60	50	57
11	70	12.3	0.1	e 1.0	70	0	0	50	76	60	50	57
12	70	12.3	0	e 1.0	70	0	0	50	76	60	50	57
13	70	12.3	0	e 0.4	70	0	0	49	75	60	50	57
14	70	12.2	0	0	70	0	0	50	75	60	50	57
15	70	12.0	0	0	73	0	0	50	75	60	50	57
16	70	9.5	0	0	78	0	0	50	75	60	50	57
17	70	e 0.3	0.3	0	80	0	0	50	75	60	50	57
18	70	0.3	0.5	0	80	0	0	51	75	54	50	57
19	71	0.5	0.3	0	80	0	0	51	75	50	50	57
20	76	0.5	0.1	0	80	0	0	51	75	50	50	57
21	79	0.5	0.1	0	82	0	0	51	75	50	50	57
22	79	0.5	0	0	83	0	0	50	75	50	50	57
23	80	0.5	0	0	83	0	0	50	75	50	50	57
24	79	0.5	0.2	0	93	0	0	51	75	50	50	57
25	80	0.5	0.4	0	83	0	0	51	75	50	50	57
26	79	0.5	0.4	0	83	0	0	51	75	50	50	57
27	80	0.5	0	31	83	0	0	51	74	50	50	57
28	80	0.5	0	50	83	0	0	51	74	50	50	57
29	80	0.4	0	50		0	0	50	74	50	50	57
30	33	e 0.5	0	50		0	0	50	74	50	50	57
31	e 12.0		e 0.1	50		0		50		50	50	
	2168.0	197.9	5.4	240.0	1,973	295	0	1,139	2063	1,731	1,550	1,668
MEAN	69.9	6.60	0.17	7.74	70.5	9.52	0	36.7	68.8	55.8	50.0	55.6
ACRE-FEET	4,300.	393.	11.	476.	3,910.	585.	0	2,260.	4,090.	3,430.	3,070.	3,310.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 35.7
ACRE-FEET 25,840.

76D764M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F250-R

Daily discharge, in second-feet of SAN GABRIEL—AZUSA CONDUIT at 25 ft. Weir below San Gabriel Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	56	76	50	82	82	79	81	82	e 0.3	0	0	90
2	56	75	50	82	81	79	82	83	0.3	0	0	90
3	57	52	30	82	81	79	80	83	0.3	0	0	90
4	57	29	e 0.6	82	81	79	81	83	0.3	0	0	90
5	69	29	0.6	82	81	79	81	63	e 0.1	0	0	90
6	75	29	0.5	82	80	79	81	50	0	0	0	90
7	75	23	0.5	82	80	79	81	50	0	0	0	90
8	75	e 0.8	0.5	82	80	79	81	50	0	0	0	90
9	75	e 0.8	0.5	82	79	79	81	50	0	0	0	90
10	75	e 0.8	0.5	82	80	79	82	51	0	0	0	90
11	75	12.3	0.5	82	81	79	82	24	0	0	0	90
12	75	19.3	0.5	82	81	79	82	e 0.3	0	0	0	90
13	75	19.3	0.5	82	81	79	82	0.3	0	0	0	90
14	75	19.3	e 0.5	82	80	79	82	0.3	0	0	0	90
15	75	39	47	82	80	78	82	0.3	0	0	0	90
16	75	51	75	82	80	78	82	0.3	0	0	49	90
17	75	50	74	82	80	79	82	0.4	0	0	97	90
18	74	50	73	82	80	78	81	0.3	0	0	97	89
19	74	50	74	82	80	78	81	0.3	0	0	97	80
20	74	50	79	82	80	77	81	0.3	0	0	98	77
21	75	50	80	81	80	77	83	0.3	0	0	98	77
22	76	50	80	81	80	71	84	0.3	0	0	79	78
23	76	50	80	81	79	81	82	0.3	0	0	78	78
24	76	50	80	80	79	81	83	0.3	0	0	95	78
25	76	50	80	81	79	81	82	0.3	0	0	97	73
26	75	50	80	80	79	81	82	0.3	0	0	99	79
27	75	50	84	80	79	81	82	0.3	0	0	100	79
28	76	50	81	79	79	81	82	0.3	0	0	93	79
29	75	50	80	79		81	83	0.3	0	0	88	79
30	75	50	82	79		80	82	0.3	0	0	89	79
31	75		83	81		80		e 0.3		0	90	
	2247	1,180.6	1,446.7	2,522	2,242	2,449	2,453	675.1	1.3	0	1,444	2,560
MEAN	72.5	39.4	46.7	81.4	80.1	79.0	81.8	21.8	0.04	0	46.6	85.3
ACRE-FEET	4,460.	2,340.	2,870.	5,000.	4,450.	4,860.	4,870.	1,340.	2.6	0	2,860.	5,080.

Remarks:

YEAR OR PERIOD MEAN 52.7
ACRE-FEET 38,130.

STATION F220B-R

SAN GABRIEL AZUSA CONDUIT at 10-Foot Weir below San Gabriel Dam

LOCATION: LAT. 34°12'16", LONG. 117°51'17", ON THE LEFT (EAST) SIDE OF THE CONCRETE CONDUIT WHICH DIVERTS FROM SAN GABRIEL DAM, ABOUT 160 FEET BELOW THE DAM AND 8.0 FEET ABOVE THE 10-FOOT WEIR. ELEVATION OF ZERO GAGE HEIGHT 1,195.20 FEET.

CHANNEL AND CONTROL: CHANNEL - HEADING OF AZUSA CONDUIT.
CONTROL - 10-FOOT CONCRETE WEIR.

DISCHARGE MEASUREMENTS: WEIR MEASUREMENTS.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - ENTIRELY REGULATED BY SAN GABRIEL DAM AND A TAINTOR GATE 34 FEET UPSTREAM.
DIVERSION - FLOW PAST STATION F250-R MAY BE PASSED TO RIVER ABOVE STATION F220B-R.

RECORDS AVAILABLE: AT STATION F220B-R FROM OCTOBER 23, 1963 TO SEPTEMBER 30, 1967; AT STATION F220-R FROM FEBRUARY 26, 1933 TO OCTOBER 23, 1963.

ACCURACY: EXCELLENT.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: APPROXIMATE CAPACITY 95 SECOND-FEET. FLOW AT STATION F220B-R DURING 1965-66 WAS IDENTICAL TO THAT AT STATION F250-R.

760T4M Gfb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F220B

Daily discharge, in second-feet of SAN GABRIEL – AZUSA CONDUIT at 10 ft. Weir below San Gabriel Dam for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	56	76	50	82	80	79	81	f 82	e 0.3	0	0	c 0.3
2	56	75	50	82	81	79	82	a 83	0.3	0	0	0.3
3	57	52	39	82	81	f 79	80	a 83	0.3	0	0	0.3
4	57	29	e 0.6	82	81	a 79	81	a 83	0.3	0	0	0.3
5	69	29	0.6	82	81	79	81	f 63	e 0.1	0	0	0.3
6	75	29	0.5	82	80	79	81	50	0	0	0	0.3
7	75	28	0.5	82	80	79	81	50	0	0	0	0.3
8	75	0.8	0.5	82	80	79	81	50	0	0	0.2	0.3
9	75	0.8	0.5	82	79	a 79	81	50	0	0	0.4	0.3
10	75	0.8	0.5	82	80	f 79	82	51	0	0	0.4	0.3
11	75	12.3	0.5	82	81	79	82	e 24	0	0	0.4	0.3
12	75	19.3	0.5	82	81	79	82	0.3	0	0	0.4	0.3
13	75	19.3	0.5	82	81	79	82	0.3	0	0	0.4	0.3
14	75	19.3	e 0.5	82	80	79	82	0.3	0	0	0.4	0.6
15	75	39	47	82	80	79	82	0.3	0	0	0.4	0.6
16	75	51	75	82	80	79	82	0.3	0	0	c 0.4	0.6
17	75	50	74	82	80	79	82	0.3	0	0	0.3	0.6
18	74	50	73	82	80	78	51	0.3	0	0	0.3	0.6
19	74	50	74	82	80	78	81	0.3	0	0	0.3	0.6
20	74	50	78	82	80	77	51	0.3	0	0	0.3	0.6
21	75	50	80	81	80	77	83	0.3	0	0	0.3	0.6
22	76	50	80	81	80	71	84	0.3	0	0	0.3	1.1
23	76	50	80	81	79	81	B2	0.3	0	0	0.3	2.0
24	76	50	80	80	79	81	83	0.3	0	0	0.3	2.0
25	76	50	80	81	79	81	82	0.3	0	0	0.3	2.0
26	75	50	80	80	79	81	82	0.3	0	0	0.3	2.0
27	75	50	84	80	79	81	82	0.3	0	0	0.3	2.0
28	76	50	81	79	79	81	82	0.3	0	0	0.3	2.0
29	75	50	80	79		81	83	0.3	0	0	0.3	2.0
30	75	50	82	79		80	82	0.3	0	0	0.3	c 2.0
31	75		83	81		80		e 0.3		0	c 0.3	
	2247	1180.6	1445.7	2522	2240	2449	2453	675.0	1.3	0	7.9	25.8
MEAN	72.5	39.4	46.7	81.4	80.0	79.0	81.8	21.8	0.04	0	0.25	0.86
ACRE-FEET	4,460.	2,340.	2,870.	5,000.	4,440.	4,860.	4,870.	1,340.	2.6	0	16.	51.

Remarks:

YEAR OR PERIOD MEAN 41.8
ACRE-FEET 30,250.

STATION U8-R

SAN GABRIEL RIVER below Morris Dam

LOCATION: LAT. 34°10'11", LONG. 117°53'16", ON THE RIGHT (NORTHWEST) BANK, 1.1 MILES DOWNSTREAM OF MORRIS DAM AND 2.7 MILES NORTHEAST OF AZUSA. ELEVATION OF ZERO GAGE HEIGHT 867.59 FEET.

DRAINAGE AREA: 212.4 SQUARE MILES. (REVISED)

CHANNEL AND CONTROL: CHANNEL - GRAVEL AND BOULDERS.
CONTROL - NO ARTIFICIAL CONTROL.

DISCHARGE MEASUREMENTS: HIGH FLOWS MEASURED FROM CABLE AT STATION AND LOW FLOWS MEASURED BY WADING.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1957 TO SEPTEMBER 30, 1957.

REGULATION AND DIVERSION: REGULATION - ALL FLOWS REGULATED BY COGSWELL, SAN GABRIEL, AND MORRIS DAMS.
DIVERSION - THE AZUSA CONDUIT DIVERTS AT SAN GABRIEL DAM OR AT MORRIS DAM FOR POWER AND SPREADING.

RECORDS AVAILABLE: MAY TO NOVEMBER 1894 AND SEPTEMBER 1895 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 8,640. SECOND-FEET NOVEMBER 23.
MINIMUM: NO FLOW PART OF YEAR.

1966-67
MAXIMUM: 5,680. SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1894-67
MAXIMUM: 65,700. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: FAIR.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE UNITED STATES GEOLOGICAL SURVEY THROUGH SEPTEMBER 1966. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT SINCE THAT TIME.

REMARKS: AVERAGE DISCHARGE, 72 YEARS, 148. SECOND-FEET (ADJUSTED FOR REGULATION AND DIVERSIONS)

NORMAL UNREGULATED FLOW ADJUSTED FOR STORAGE IN RESERVOIRS, EVAPORATION, AND DIVERSION TO AZUSA CONDUIT:

MONTH	1965-66 A.F.	1966-67 A.F.
OCTOBER	837.	2,060.
NOVEMBER	71,490.	3,890.
DECEMBER	57,880.	48,880.
JANUARY	38,540.	20,680.
FEBRUARY	17,020.	14,660.
MARCH	12,520.	26,650.
APRIL	8,580.	40,260.
MAY	6,270.	40,420.
JUNE	4,360.	17,790.
JULY	3,020.	9,140.
AUGUST	2,260.	6,480.
SEPTEMBER	1,960.	4,660.
TOTAL	224,740.	235,580.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U8-R

Daily discharge, in second-feet of SAN GABRIEL RIVER below Morris Dam, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3.4	0	790	1350	146	326	97	8.3	0.7	0	0	0
2	2.0	0	1260	1340	146	450	97	8.4	0.6	0	0	0
3	0	0	1250	1330	146	580	115	9.0	0.5	0	0	0
4	0	0	1280	1340	146	585	143	8.4	0.4	0	0	0
5	0	0	1250	1330	146	590	158	8.0	0.3	0	0	0
6	0	0	1320	1320	150	590	160	7.6	0.2	0	0	0
7	0	0	1340	1190	154	208	103	7.6	0.1	0	0	0
8	0	0	1320	1080	154	6.6	72	7.6	0	0	0	0
9	0	0	1100	1060	154	32	72	7.6	0	0	0	0
10	0	0	814	1050	154	93	72	7.6	0	0	0	0
11	0	0	532	1040	154	97	72	8.0	0	0	0	0
12	0	0	453	1010	154	97	63	8.0	0	0	0	0
13	0	0	399	1000	156	99	92	7.6	0	0	0	0
14	0	0	341	1030	156	105	113	7.5	0	0	0	0
15	0	0	215	1020	156	100	107	8.5	0	0	0	0
16	0	0	219	1010	207	100	107	8.0	0	0	0	0
17	0	5.2	96	1080	230	100	109	8.0	0	0	0	0
18	0	3.1	10	1140	230	100	70	146	0	0	0	0
19	0	0	7.5	1050	230	100	52	205	0	0	8.1	0
20	0	0	5.3	926	230	100	48	205	0	0	11	0
21	0	0	30	1060	230	102	44	202	0	0	0	0
22	0	1620	36	735	228	102	41	200	0	0	0	0
23	0	7260	34	710	228	92	15	200	0	0	0	0
24	0	4230	34	497	228	102	10	200	0	0	0	0
25	0	2160	34	492	228	102	9.0	193	0	0	0	0
26	0	1640	34	246	228	102	8.0	126	0	0	0	0
27	0	1250	34	89	228	100	8.0	15	0	0	0	0
28	0	1250	91	144	277	100	8.0	5.0	0	0	0	0
29	0	1230	693	144		100	8.0	3.0	0	0	8.1	0
30	0	1160	2120	146		101	8.0	2.0	0	0	11	0
31	0		1260	146		99		1.0		0	0	
	5.4		18400.8		5274		2081.0		2.8		38.2	
		21808.3		27.105		5560.6		1843.8		0		0
MEAN	0.17	727.	594.	874.	188.	179.	69.4	59.5	0.09	0	1.23	0
ACRE-FEET	11.	43,260.	36,500	53,760.	10,460.	11,030.	4,130.	3,660.	5.6	0	76.	0

Remarks:

YEAR OR PERIOD MEAN 225.
ACRE-FEET 162,900.

7&DT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U8-R

Daily discharge, in second-feet of SAN GABRIEL RIVER below Morris Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	7.1	615	15.3	342	533	480	166	130	0
2	0	0	0	6.6	445	15.3	338	490	480	166	130	0
3	0	0	9.8	6.6	264	53	278	495	480	166	130	0
4	0	0	0.1	3.3	261	109	259	505	480	166	130	0
5	0	0	6.6	3.3	261	109	291	505	480	166	127	0
6	0	0	788	9.2	171	107	356	505	480	166	127	0
7	0	0	687	10.0	70	107	399	505	480	166	47	0
8	0	0	387	e 9.7	83	104	324	510	480	166	0	0
9	0	0	427	e 8.7	111	104	272	515	480	166	0	0
10	3.9	0	754	e 8.7	111	104	272	510	480	165	0	0
11	13.0	0	990	77	111	104	272	510	480	169	0	0
12	6.4	0	982	143	111	104	272	510	389	169	0	0
13	0	0	864	195	109	151	272	505	261	169	0	0
14	0	0	886	233	109	417	235	505	264	169	0	0
15	0	0	935	230	111	580	263	500	264	169	0	0
16	0	0	2,118	226	111	580	272	495	264	169	0	0
17	3.0	0	3,753	226	111	678	272	495	264	169	0	0
18	0	0	3,420	219	113	750	278	495	264	169	0	0
19	0	0	78	215	113	750	282	495	241	169	0	0
20	0	0	0	212	113	823	316	495	219	165	0	0
21	0	0	+	184	113	966	358	500	203	166	0	0
22	0	0	0.1	32	113	1,050	501	505	186	166	0	0
23	0	0	0.2	241	113	1,040	605	510	179	165	0	0
24	0	0	0.2	679	91	586	605	510	161	169	0	0
25	0	0	0.2	1,295	76	346	605	510	161	145	0	0
26	0	0	0.8	959	105	346	605	510	164	132	0	0
27	0	0	0.2	888	59	346	491	510	164	132	0	0
28	0	0	1.0	889	15.3	342	555	505	164	130	0	0
29	0	0	2.2	882		342	555	498	166	130	0	0
30	0	0	5.8	726		339	555	476	166	130	0	0
31	0		8.3	615		342		476		130	0	
	26.3	0	17,104.5	9,447.2	4,189.3	11,808.6	11,305	15,588	9,424	4,943	821	0
MEAN	0.85	0	552.	305.	150.	381.	377.	503.	314.	159.	26.	0
ACRE-FEET	52.	0	33,930.	18,740.	8,310.	23,420.	22,420.	30,920.	18,690.	9,800.	1,630.	0

Remarks:

YEAR OR PERIOD MEAN 232.
ACRE-FEET 167,900.

STATION S100A-R
SAN GABRIEL AZUSA-DUARTE TUNNEL DIVERSION
at Mouth of Canyon

LOCATION: LAT. 34°09'33", LONG. 117°54'25", AT WEIR BOX AT THE DOWNSTREAM PORTAL OF AZUSA-DUARTE TUNNEL, 250 FEET SOUTH OF THE CANYON ROAD AT THE MOUTH OF THE SAN GABRIEL CANYON. ELEVATION OF ZERO GAGE HEIGHT ABOUT 750 FEET.

CHANNEL AND CONTROL: CONCRETE WEIR BOX WITH BROAD-CRESTED WEIRS. THESE WEIRS CAN DIVIDE THE FLOW BETWEEN THE EAST SIDE SPREADING GROUNDS AND THE DUARTE SPREADING GROUNDS. EITHER SIDE CAN BE DIVERTED FOR IRRIGATION.

REGULATION AND DIVERSION: MORRIS DAM, SAN GABRIEL DAM, AND COGSWELL DAM REGULATE FLOW. DIVISION OF DIVERTED FLOW CAN BE REGULATED AT THE WEIRS BY INSERTING CONSTRICTIONS.

RECORDS AVAILBLE: THE TUNNEL WAS CONSTRUCTED IN 1887. RECORDS OF DIVERSION SINCE 1918 ARE AVAILABLE AT THE OFFICE OF THE SAN GABRIEL RIVER WATER COMMITTEE, AZUSA. RECORDS PRIOR TO OCTOBER 1939 WERE PUBLISHED WITH STATION F100-R, MAIN SPREADING CANAL.

ACCURACY: EXCELLENT.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE SAN GABRIEL RIVER WATER COMMITTEE. RECORDS WERE FURNISHED BY MR. MAURICE D. JONES, WATER MASTER. THERE WAS NO DIVERSION DURING THE WATER YEAR 1966-67.

7&DT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. S100A-R

Daily discharge, in second-feet of SAN GABRIEL AZUSA--DUARTE TUNNEL DIVERSION at Mouth of Canyon for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	23.1	32.1	0	0	0	0	0	0	0	0
2	0	0	19.7	29.0	0	0	0	0	0	0	0	0
3	0	0	24.1	29.0	0	0	0	0	0	0	0	0
4	0	0	32.6	29.0	0	0	0	0	0	0	0	0
5	0	0	31.5	29.0	0	0	0	0	0	0	0	0
6	0	0	34.0	29.0	0	0	0	0	0	0	0	0
7	0	0	35.9	26.6	0	0	0	0	0	0	0	0
8	0	0	35.9	22.3	0	0	0	0	0	0	0	0
9	0	0	27.4	21.6	0	0	0	0	0	0	0	0
10	0	0	13.4	10.7	0	0	0	0	0	0	0	0
11	0	0	21.0	4.2	0	0	0	0	0	0	0	0
12	0	0	21.0	3.3	0	0	0	0	0	0	0	0
13	0	0	26.6	3.3	0	0	0	0	0	0	0	0
14	0	0	21.0	21.2	0	0	0	0	0	0	0	0
15	0	0	12.1	39.1	0	0	0	0	0	0	0	0
16	0	0	21.0	39.1	0	0	0	0	0	0	0	0
17	0	0	21.0	28.8	0	0	0	0	0	0	0	0
18	0	0	23.2	24.3	0	0	0	0	0	0	0	0
19	0	0	22.0	20.0	0	0	0	0	0	0	0	0
20	0	0	20.4	27.4	0	0	0	0	0	0	0	0
21	0	0	22.0	37.8	0	0	0	0	0	0	0	0
22	0	0	22.0	31.3	0	0	0	0	0	0	0	0
23	0	0	22.0	34.2	0	0	0	0	0	0	0	0
24	0	0	22.0	24.8	0	0	0	0	0	0	0	0
25	0	0	22.0	42.9	0	0	0	0	0	0	0	0
26	0	0	22.0	14.2	0	0	0	0	0	0	0	0
27	0	0	23.7	0	0	0	0	0	0	0	0	0
28	0	0	13.0	0	0	0	0	0	0	0	0	0
29	0	0	4.0	0		0	0	0	0	0	0	0
30	0	0	4.0	0		0	0	0	0	0	0	0
31	0		4.0	0		0		0		0	0	
	0	0	667.6	654.7	0	0	0	0	0	0	0	0
MEAN	0	0	21.5	21.1	0	0	0	0	0	0	0	0
ACRE-FEET	0	0	1,320.	1,300.	0	0	0	0	0	0	0	0

Remarks:

YEAR OR PERIOD MEAN 3.62
ACRE-FEET 2,620.

STATION F190-R

SAN GABRIEL RIVER at Foothill Boulevard

LOCATION: LAT. 34°08'13", LONG. 117°56'32", ON THE DOWNSTREAM SIDE OF THE FOOTHILL BOULEVARD BRIDGE, TWO MILES WEST OF AZUSA. ELEVATION OF ZERO GAGE HEIGHT 565.50 FEET.

DRAINAGE AREA: 230 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL, WITH RIPRAPPED SIDES AND A SAND, GRAVEL AND ROCK BOTTOM. BOTTOM WIDTH 590 FEET; DEPTH, 12 FEET. CONTROL - GUNITED ROCK STABILIZERS.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR ABOUT 900 FEET BELOW STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW PARTIALLY REGULATED BY COGSWELL DAM, SAN GABRIEL DAM, AND MORRIS DAM.

DIVERSION - SOME DIVERSIONS USED FOR IRRIGATION, POWER DEVELOPMENT, AND SPREADING.

RECORDS AVAILABLE: MEASUREMENTS STARTING FEBRUARY 22, 1932. RECORDER RECORDS FROM APRIL 25, 1932 TO SEPTEMBER 30, 1967. (FOR RECORDS PRIOR TO FEBRUARY 22, 1932, SEE STATE DIVISION OF WATER RIGHTS BULLETINS.)

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 9,420. SECOND-FEET NOVEMBER 23.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 9,830. SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1932-67
MAXIMUM: 62,000 SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT TIMES EACH YEAR.

ACCURACY: FAIR.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76DT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F190-R

Daily discharge, in second-feet of SAN GABRIEL RIVER at Foothill Boulevard, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	683	1540	130	323	110	6.9	0	4.7	0	0
2	0	0	1080	1520	135	447	115	6.3	0	0	0	0
3	0	0	1050	1540	140	613	135	2.0	0	0	0	0
4	0	0	1110	1520	140	613	165	0.2	0	0	0	0
5	0	0	1110	1590	140	613	190	1.5	0	0	0	0
6	0	0	1160	1590	175	613	190	1.3	0	0	0	0
7	0	0	1160	1380	175	277	135	0.9	0	0	0	0
8	0	0	1130	1060	175	19	94	0.9	0	0	0	0
9	0	0	975	1030	175	29	90	1.5	0	0	0	0
10	0	0	718	1040	175	98	90	1.6	0	0	0	0
11	0	0	975	1030	175	110	86	1.5	0	0	0	0
12	0	0	370	1010	175	110	79	1.3	0	0	0	0
13	0	0	354	992	180	105	90	1.1	0	0	0	0
14	0	0	276	992	175	115	125	0.7	0	0	0	0
15	0	0	160	943	165	110	125	0.4	0	0	0	0
16	0	0.4	134	910	213	105	135	0.2	0	0	0	0
17	0	213	11	960	238	105	135	0.04	0	0	0	0
18	0	76	0	1010	238	105	94	105	0	0	0	0
19	0.2	9.2	0	912	238	105	72	205	0	0	0	0
20	2.9	4.6	0	985	238	105	68	200	0	0	0	0
21	3.9	2.4	0	1200	233	105	61	200	0	0	0	0
22	2.3	1,250	0	794	238	105	58	200	0	0	0	0
23	0	3,680	0	739	238	96	22	195	0	0	0	0
24	0	5,320	0	492	238	116	16	195	1.8	0	0	0
25	0	2,230	0	447	238	120	14	195	5.8	0	0	0
26	0	1,750	0	261	238	115	14	150	6.3	0	0	0
27	0	1,060	0	68	238	115	16	18	6.9	0	0	0
28	0	1,100	43	130	265	115	15	4.2	7.4	0	0	0
29	0	1,130	1,500	130		115	15	1.3	8.7	0	0	0
30	0	1,130	3,170	130		110	9.9	0.04	9.9	0	0	0
31	0		1,570	125		110		0		0	0	
	9.3	24,955.6	18,739	28,070	5,526	5,942	2,563.9	1,695.98	46.8	4.7	0	0

MEAN	0.30	832.	604.	905.	197.	192.	85.5	54.7	1.56	0.15	0	0
ACRE-FEET	18.	49,500.	37,170.	55,680.	10,960.	11,790.	5,090.	3,360.	93.	9.3	0	0

Remarks:

YEAR OR PERIOD MEAN 240.
ACRE-FEET 173,700.

76DT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F190-R

Daily discharge, in second-feet of SAN GABRIEL RIVER at Foothill Boulevard, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0.9	0.08	0	613	b 30	362	535	476	180	135	16
2	0	1.1	0.08	0	488	b 30	370	505	476	180	135	18
3	0	0.6	284	0	323	52	302	514	476	175	135	18
4	0	0	16.2	0	316	125	295	514	476	175	135	16
5	0	0	168	0	316	125	313	495	486	175	130	15
6	0.6	0	2080	3.5	239	120	362	486	486	175	130	15
7	0.9	25	1,220	6.9	105	120	386	476	486	180	76	15
8	0.6	3.7	445	6.9	110	115	338	476	486	180	b 11.0	15
9	0.6	0	449	6.3	130	115	287	476	486	175	b 9.0	15
10	0.4	0	766	5.8	130	115	287	466	486	175	b 7.0	15
11	+	0	993	57	130	125	323	466	486	175	4.7	16
12	0.02	0	1,010	145	130	170	308	466	395	175	4.7	16
13	0	0.04	860	195	130	285	301	466	265	170	3.1	18
14	+	0	892	252	130	476	263	466	272	175	1.1	18
15	0.2	0.5	958	238	130	591	294	476	272	175	1.1	18
16	0.1	1.8	1,970	238	130	580	294	486	272	175	1.1	18
17		1.5	3,660	232	130	648	294	486	279	175	0.9	16
18	0.1	1.3	3,330	232	125	739	345	486	279	170	0.9	15
19	0.1	1.1	238	232	125	739	353	476	259	170	1.1	15
20	0.2	0.7	b 8.0	232	125	780	353	476	238	170	3.1	15
21	0.2	0.6	b 4.0	207	125	928	514	475	218	170	3.1	15
22	0.2	0.6	0	141	125	1,060	602	476	205	170	2.0	15
23	0.1	0.6	0	301	125	1,060	613	466	195	165	5.8	14
24	0	0.6	0	1,060	115	630	613	466	185	165	15	14
25	0.08	0.4	0	1,610	90	362	635	466	180	150	16	14
26	0.08	0.1	0	1,050	125	353	648	463	180	135	18	14
27	0.2	0	0	910	94	353	700	476	180	135	16	14
28	0.4	0	0	896	b 30	353	613	466	185	135	15	14
29	0.4	0	0	881		353	557	476	185	135	16	14
30	0.6	0.02	0	750		345	557	476	185	135	15	14
31	0.7		0	613		345		475		135	11	
	6.78	41.16	19,351.36	10,501.4	4,884.0	12,222	12,492	14,379	9,735	5,135	1,057.7	465

MEAN	0.22	1.37	624.	339.	174.	394.	416.	480.	324.	166.	34.1	15.5
ACRE-FEET	13.	81.	38,380.	20,830.	9,690.	24,240.	24,760.	29,510.	19,310.	10,190.	2,100.	922.

Remarks:

YEAR OR PERIOD MEAN 249.
ACRE-FEET 180,000.

STATION E281-R

SAN GABRIEL RIVER below Santa Fe Dam

LOCATION: LAT. 34°06'44", LONG. 117°58'07", ON THE LEFT (NORTH) BANK OF STILLING BASIN OUTLET OF SANTA FE DAM, 1.7 MILES NORTH OF BALDWIN PARK. ELEVATION OF ZERO GAGE HEIGHT 400.00 FEET.

DRAINAGE AREA: 236 SQUARE MILES. (SPILLWAY FLOW FROM SANTA FE DAM WILL BE PASSED TO RIO HONDO.)

CHANNEL AND CONTROL: CHANNEL - STILLING BASIN LOCATED IN OUTLET CHANNEL IMMEDIATELY BELOW SANTA FE DAM.
CONTROL - 194.84-FOOT CONCRETE OVERFLOW SECTION TO THE SAN GABRIEL RIVER AND FIVE GATED OPENINGS TO THE RIO HONDO DIVERSION CANAL.

DISCHARGE MEASUREMENTS: LOW FLOW MAY BE MADE ON LIP OF BASIN BELOW GAGE HEIGHT 2.5 FEET; HIGH FLOWS FROM CABLE CAR 1,000 FEET BELOW GAGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - PARTIALLY REGULATED BY COGSWELL DAM, SAN GABRIEL DAM, AND MORRIS DAM, AND COMPLETELY REGULATED BY SANTA FE DAM. (GATES INSTALLED DECEMBER 1948.)
DIVERSION- THERE ARE DIVERSIONS FOR IRRIGATION, POWER DEVELOPMENT AND SPREADING; SPILLWAY FLOW GOES TO RIO HONDO; FIVE GATED OPENINGS ON THE WEST SIDE OF STILLING BASIN MAY DIVERT FLOW TO A DIVERSION CANAL TO THE RIO HONDO AND ARE MEASURED AT STATION F280-R.

RECORDS AVAILABLE: FEBRUARY 9, 1943, TO SEPTEMBER 30, 1967; PRIOR TO FEBRUARY 9, 1943, MEASUREMENTS RECORDED AT STAFF STATION F247-S.

EXTREMES OF DISCHARGE

1965-66
MAXIMUM: 11,100. SECOND-FEET NOVEMBER 23.
MINIMUM: NO FLOW MOST OF YEAR.

1066-67
MAXIMUM: 614. SECOND-FEET MARCH 23-24.
MINIMUM: NO FLOW PART OF YEAR.

1942-67
MINIMUM: NO FLOW MOST OF EACH YEAR.

ACCURACY: GOOD.

OPERATION: RECORDS FURNISHED BY THE CORPS OF ENGINEERS, DEPARTMENT OF THE ARMY AND THE UNITED STATES GEOLOGICAL SURVEY.

9-D74M Gb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E281-R

Daily discharge, in second-feet of SAN GABRIEL RIVER below Santa Fe Dam, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	490	1,100	125	30	43	0	101	0	0	0
2	0	0	530	945	16	0	0	0	75	0	0	0
3	0	0	669	756	0	51	0	0	19	0	0	0
4	0	0	723	840	0	91	0	0	0	0	0	0
5	0	0	705	894	0	105	0	0	0	0	0	0
6	0	0	723	776	0	116	0	0	0	0	0	0
7	0	0	770	577	46	120	0	0	0	0	0	0
8	0	0	760	329	85	108	0	0	0	0	0	0
9	0	0	556	243	85	101	0	0	0	0	0	0
10	0	0	275	315	85	101	0	0	0	0	0	0
11	0	0	264	361	79	98	26	0	0	0	0	0
12	0	0	248	361	75	98	106	0	0	0	0	0
13	0	0	248	412	75	95	98	0	0	0	0	0
14	0	0	269	506	75	98	98	0	0	0	0	0
15	0	0	264	498	75	101	105	0	0	0	0	0
16	0	0	238	490	75	124	112	0	0	0	0	0
17	0	0	12	474	58	146	112	0	0	0	0	0
18	0	0	0	482	58	134	108	0	0	0	0	0
19	0	0	0	482	58	123	101	0	0	0	0	0
20	0	0	0	474	55	120	95	0	0	0	0	0
21	0	0	0	456	60	108	82	0	0	0	0	0
22	0	0	0	426	63	101	61	0	0	0	0	0
23	0	6,000	0	410	85	98	48	57	0	0	0	0
24	0	5,510	0	449	120	98	18	117	0	0	0	0
25	0	2,640	0	514	108	98	0	155	0	0	0	0
26	0	1,410	0	330	85	101	0	155	0	0	0	0
27	0	303	0	139	72	101	0	76	0	0	0	0
28	0	482	0	46	63	101	0	0	0	0	0	0
29	0	482	233	85		98	0	0	0	0	0	0
30	0	482	689	85		95	0	0	0	0	0	0
31	0		1,310	83		91		81		0	0	
	0		9,976		1,781		1,213		195		0	
		17,309		14,338		3,050		641		0		0
MEAN	0	577.	322.	463.	63.6	98.4	40.4	20.7	6.50	0	0	0
ACRE-FEET	0	34,330.	19,790.	28,440.	3,530.	6,050.	2,410.	1,270.	387.	0	0	0

Remarks:

YEAR OR PERIOD MEAN 133.
ACRE-FEET 96,200.

760T4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E281-R

Daily discharge, in second-feet of SAN GABRIEL RIVER below Santa Fe Dam, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	418	0	53	204	176	0	0	0
2	0	0	0	0	458	0	53	176	176	0	0	0
3	0	0	0	0	312	0	50	180	176	0	0	0
4	0	0	0	0	213	0	47	180	176	0	0	0
5	0	0	0	0	172	0	41	180	176	0	0	0
6	0	0	20	0	116	0	36	180	176	0	0	0
7	0	0	55	0	31	0	34	180	176	0	0	0
8	0	0	72	0	0	0	34	172	176	0	0	0
9	0	0	123	0	0	0	32	146	176	0	0	0
10	0	0	123	0	0	0	32	138	176	0	0	0
11	0	0	127	1.9	0	0	34	155	176	0	0	0
12	0	0	120	33	0	0	34	163	176	0	0	0
13	0	0	134	0	0	0	34	167	163	0	0	0
14	0	0	199	0	0	90	34	167	146	0	0	0
15	0	0	222	0.80	0	176	32	155	12	0	0	0
16	0	0	v 204	9.5	0	185	30	151	13	0	0	0
17	0	0	194	14	0	277	28	146	20	0	0	0
18	0	0	218	12	0	347	27	159	22	0	0	0
19	0	0	222	9.5	0	334	27	167	10	0	0	0
20	0	0	204	9.3	0	328	25	172	0	0	0	0
21	0	0	180	0	0	381	25	172	0	0	0	0
22	0	0	194	0	0	538	v 100	176	0	0	0	0
23	0	0	194	22	0	597	213	176	0	0	0	0
24	0	0	204	34	0	v 434	v 196	185	0	0	0	0
25	0	0	208	197	0	123	142	185	0	0	0	0
26	0	0	199	325	0	116	142	180	0	0	0	0
27	0	0	199	396	0	108	189	176	0	0	0	0
28	0	0	110	410	0	101	222	176	0	0	0	0
29	0	0	0.20	403		v 74	232	176	0	0	0	0
30	0	0	0	403		50	232	176	0	0	0	0
31	0		0	410		55		176	0	0	0	
	0	0	3725.20	2690.00	1,720	4,314	2,410	5,292	2,498	0	0	0
MEAN	0	0	120.	86.8	61.4	139.	80.3	171.	80.6	0	0	0
ACRE-FEET	0	0	7,390.	5,340.	3,410.	8,560.	4,780.	10,500.	4,950.	0	0	0

Remarks:

YEAR OR PERIOD MEAN 62.1
ACRE-FEET 44,930.

STATION M335-R
SAN GABRIEL - MWD Outlet
below San Bernardino Road

LOCATION: LAT. 34°04'34", LONG. 117°59'56", ON OUTLET OF THE METROPOLITAN WATER DEPARTMENT'S MIDDLE FEEDER, NEAR THE LEFT (EAST) BANK OF THE RIVER, ABOUT 460 FEET SOUTH OF SAN BERNARDINO ROAD AND 350 FEET WEST OF RIVERGRADE ROAD.

CHANNEL AND CONTROL: A 73-INCH DIAMETER PIPE WITH A 49.32-INCH DIAMETER ORIFICE PLATE.

DISCHARGE MEASUREMENTS: ALL FLOWS MEASURED BY ORIFICE METER WITH TOTALIZER BEGINNING DECEMBER 21, 1960.

RECORDER: A WEEKLY VENTURI RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

RECORDS AVAILABLE: AT STATION F335-R – NOVEMBER 30, 1957 TO APRIL 13, 1960.
AT STATION M335-R – DECEMBER 17, 1960 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 349. SECOND-FEET OCTOBER 15-17.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 350 SECOND-FEET OCTOBER 28.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1957-67
MAXIMUM: 355 SECOND-FEET, VARIOUS TIMES IN 1961.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: EXCELLENT.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE METROPOLITAN WATER DISTRICT IN COOPERATION WITH THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT. THIS STATION IS OPERATED SOLELY FOR THE PURPOSE OF MEASURING THE DELIVERY OF COLORADO RIVER WATER BY THE METROPOLITAN WATER DISTRICT TO THE SAN GABRIEL RIVER.

MONTHLY DISCHARGE IN ACRE-FEET

MONTH	1965-66	1966-67
OCTOBER	13,970.	10,360.
NOVEMBER	3,380.	7,700.
DECEMBER	2,120.	464.
JANUARY	0	6,770.
FEBRUARY	6,070.	9,670.
MARCH	6,300.	4,480.
APRIL	7,120.	9,740.
MAY	10,800.	7,050.
JUNE	6,930.	1,360.
JULY	0	0
AUGUST	3,490.	3,480.
SEPTEMBER	12,650.	6,540.
	72,830.	67,610.

STATION F261C-R
SAN GABRIEL RIVER below Valley Boulevard

LOCATION: LAT. 34°03'13", LONG. 118°00'28", ON THE RIGHT (WEST) BANK, 1,150 FEET BELOW VALLEY BOULEVARD, 2.5 MILES EAST OF EL MONTE. ELEVATION OF ZERO GAGE HEIGHT 263.94 FEET.

DRAINAGE AREA: 118 SQUARE MILES. (EXCLUDES AREA ABOVE SANTA FE DAM.)

CHANNEL AND CONTROL: CHANNEL TRAPEZOIDAL SAND AND GRAVEL BOTTOM WITH ROCK RIPRAPPED SIDES, 450 FEET AT BOTTOM, 535 FEET WIDE AT TOP, 17 FEET DEEP. CONTROL - CONCRETE DROP-STRUCTURE WITH AN 80-FOOT NOTCH, 100 FEET BELOW STATION.

DISCHARGE MEASUREMENTS: ALL FLOWS BY WADING.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - PARTIALLY REGULATED BY COGSWELL DAM, SAN GABRIEL DAM, MORRIS DAM, SANTA FE DAM, BIG DALTON DAM, SAN DIMAS DAM, PUDDINGSTONE DIVERSION DAM, PUDDINGSTONE DAM, LIVE OAK DAM, SEVERAL DEBRIS BASINS AND THE METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER OUTLET. DIVERSION - SEVERAL DIVERSIONS FOR IRRIGATION, POWER DEVELOPMENT, AND SPREADING.

RECORDS AVAILABLE: NOVEMBER 29, 1960, TO SEPTEMBER 30, 1967. PRIOR TO NOVEMBER 29, 1960, SEE STATIONS F191-R AT SAN BERNARDINO ROAD AND AT GARVEY AVENUE, F261-R AT ELLIOTT AVENUE AND F261B-R AT VALLEY BOULEVARD.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 11,320. SECOND-FEET NOVEMBER 23.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 7,880. SECOND-FEET JANUARY 24.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1960-65
MAXIMUM: NOT DETERMINED MARCH 2, 1938.
MAXIMUM: 11,320. SECOND-FEET NOVEMBER 23, 1965.
MINIMUM: NO FLOW AT VARIDUS TIMES.

ACCURACY: GOOD FOR LOW FLOWS; FAIR FOR HIGH FLOWS.

OPERATION: LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT. CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEER.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F261C-R

Daily discharge, in second-feet of SAN GABRIEL RIVER below Valley Boulevard, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11.0	0	177	1,130	24	76	149	144	131	0	0	240
2	2.4	1.7	163	879	47	76	149	144	131	0	0	188
3	+	0	191	714	91	79	149	141	131	0	0	177
4	0	0	257	818	128	78	146	134	131	0	0	177
5	0	0	234	841	128	78	146	128	131	0	0	181
6	0	0	249	727	319	81	146	75	131	0	0	181
7	0	0	303	498	0.7	112	141	56	102	0	0	177
8	0	0	299	231	1.6	152	141	141	61	0	8.9	177
9	0	53	389	149	46	160	141	149	146	0	45	174
10	0	124	120	178	136	168	141	139	134	0	48	174
11	0	148	89	219	138	168	141	138	117	0	32	171
12	0	101	202	194	136	171	141	138	119	0	27	174
13	0	0.1	103	190	136	160	131	136	121	0	14	163
14	47	86	165	249	136	55	123	134	121	0	13	163
15	99	148	124	249	131	3.9	62	131	117	0	14	166
16	130	341	119	274	138	3.2	0	141	117	0	13	166
17	132	230	87	270	131	3.6	0	144	114	0	12	163
18	132	47	9.1	274	119	1.2	0	146	112	0	14	166
19	135	22	0.6	282	119	0.6	0	149	112	0	14	171
20	135	79	26	278	117	0.1	0	149	110	0	16	174
21	140	81	87	239	117	0.1	0	149	108	0	18	166
22	140	1,370	108	191	119	0.4	0	146	108	0	19	160
23	112	5,960	87	188	101	26	0	144	49	0	19	157
24	99	6,070	87	211	83	226	0	141	0	0	20	149
25	87	2,520	89	286	85	33	59	138	0	0	21	160
26	99	1,190	87	209	81	52	134	141	0	0	21	160
27	112	177	81	71	79	138	138	146	0	0	21	171
28	118	238	44	0.4	79	144	136	131	0	0	20	160
29	96	219	1,030	0		149	144	121	0	0	37	146
30	0.5	208	631	244		149	141	119	0	0	144	149
31	0		1,400	11.0		149		124		0	253	
	1,826.9	19,413.8	7,037.7	10,294.4	2,965.3	2,693.1	2,804	4,156	2,654	0	863.9	5,101
MEAN	58.9	647.	227.	332.	106.	86.9	93.5	134.	88.5	0	27.9	170.
ACRE-FEET	3,620.	38,510.	13,960.	20,420.	5,880.	5,340.	5,560.	8,240.	5,260.	0	1,710.	10,120.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 164.
ACRE-FEET 118,630.

FORM Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F261C-R

Daily discharge, in second-feet of SAN GABRIEL RIVER below Valley Boulevard, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	154	134	99	10	119	101	112	101	2.2	0	0	102
2	157	126	139	13	130	103	9.4	101	+	0	0	2.6
3	163	157	605	10	146	108	21	95	0	0	0	4.2
4	166	152	0.7	14	141	122	134	99	0	0.7	0	2.4
5	166	146	1,100	3.1	152	112	45	129	0	2.2	0	1.8
6	163	114	1,140	0.1	77	72	144	181	0.8	3.2	0	0
7	160	564	253	0	b 14	1.0	146	171	2.4	+	0	0
8	160	3.2	87		37	0.4	40	115	+	0	0	0
9	166	0	144	1.1	76	0.3	124	64	0	0	0	0
10	177	0	106	0	68	0.7	124	61	0	0	0	0
11	166	43	108	0	72	51	242	48	0	0	0	0
12	160	128	125	0	73	42	13	38	0.6	0	0	0
13	149	138	84	34	73	104	124	40	4.2	0	0	0.6
14	134	136	87	65	73	22	133	43	5.5	0	0	0
15	131	138	95	70	74	0.3	119	29	2.4	0	0	0
16	131	138	110	74	78		119	5.4	+	0	0	0
17	134	128	114	76	78	0	121	4.0	0	0	0	0
18	144	131	114	78	76	0	193	+	0	0	0	0
19	144	131	119	81	76	0	68	0	0	0	0	0
20	144	91	110	83	74	0.4	2.7	0	0	0	0	0
21	146	35	106	59	76	0	169	0	0	0	0	0
22	146	117	84	671	78	0	249	0	0	0	0	0
23	149	117	79	160	79	52	8.4	0	0	0	0	0
24	72	117	58	1,440	74	99	64	0	0	0	0	0
25	0.1	110	64	107	1.9	0.9	9.6	0	0	0	0	0
26	+	99	69	10	0	0	18	0	0	0	0	2.3
27	0	99	39	30	7.8	0.1	80	0	0	0	0	9.1
28	65	99	42	81	91	58	143	+	0	0	0	6.3
29	141	97	35	83		48	46	4.2	0	0	0	6.8
30	134	99	30	44		133	90	5.5	0	0	0	5.8
31	128		11	42		95		6.3		0	0	
	4,050.1	3,593.2	5,360.7	3,339.3	2,114.7	1,326.1	2,916.1	1,340.4	18.1	6.1	0	143.9
MEAN	131.	120.	173.	108.	75.5	42.8	97.2	43.2	0.60	0.20	0	4.80
ACRE-FEET	8,030.	7,130.	10,630.	6,620.	4,190.	2,630.	5,780.	2,660.	36.	12.	0	2.85

Remarks:

YEAR OR PERIOD MEAN 66.3
ACRE-FEET 48,000.

STATION E322-R

SAN GABRIEL RIVER at Peck Road

LOCATION: LAT. 34°02'00", LONG. 118°02'14", ON THE DOWNSTREAM SIDE OF PECK ROAD BRIDGE, 1.25 MILES NORTH OF WHITTIER NARROWS DAM AND 1.8 MILES SOUTH OF EL MONTE. ELEVATION OF ZERO GAGE HEIGHT ABOUT 220 FEET.

DRAINAGE AREA: 201 SQUARE MILES. (EXCLUDES AREA ABOVE SANTA FE DAM.)

CHANNEL AND CONTROL: CHANNEL - SAND AND GRAVEL.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING: HIGH FLOWS FROM THE PECK ROAD BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: SUBJECT TO SAME REGULATIONS AND DIVERSIONS AS STATIONS F261C-R AND F312-R.

RECORDS AVAILABLE: OCTOBER 1955 TO SEPTEMBER 1957 AND OCTOBER 1963 TO SEPTEMBER 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 11,200. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW OCTOBER 3 TO 13.

1966-67
MAXIMUM: 17,300 SECOND-FEET JANUARY 24.
MINIMUM: 0.8 SECOND-FEET OCTOBER 27.

1955-67
MAXIMUM: 17,300. SECOND-FEET JANUARY 24, 1967.
MINIMUM: NO FLOW AT TIMES EACH YEAR.

ACCURACY: GOOD.

OPERATION: LOCATED AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS, OPERATED AND RECORDS FURNISHED BY THE UNITED STATES GEOLOGICAL SURVEY.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E322-R

Daily discharge, in second-feet of SAN GABRIEL RIVER at Peck Road, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6.3	0.6	162	1350	17	71	152	146	114	2.4	3.0	238
2	1.0	1.3	146	1070	69	71	152	146	114	1.8	3.0	184
3	0	2.1	174	832	87	71	152	146	114	1.8	3.0	174
4	0	2.4	226	912	118	71	152	146	114	1.8	2.4	162
5	0	2.1	220	960	118	71	152	135	114	1.8	2.4	162
6	0	2.4	232	809	714	74	152	85	114	2.1	1.5	162
7	0	2.4	290	510	34	90	152	46	101	2.1	2.1	162
8	0	2.4	290	250	11	122	152	118	39	2.1	2.7	168
9	0	38	449	140	31	131	152	131	127	1.8	20	168
10	0	114	263	157	118	140	152	122	118	1.5	42	174
11	0	146	87	220	127	140	152	114	106	1.8	22	174
12	0	112	246	208	122	140	152	114	106	3.0	24	174
13	0	2.7	78	196	122	135	135	114	106	3.5	10	168
14	34	128	150	250	122	52	131	114	106	5.0	8.0	174
15	90	344	106	250	118	10	75	110	106	3.0	8.0	174
16	122	939	97	268	122	5.5	5.0	114	106	3.5	10	174
17	131	550	78	268	122	5.0	5.0	110	106	5.0	9.0	174
18	131	108	12	282	114	3.0	5.0	110	106	4.5	12	168
19	131	23	3.5	298	110	3.5	5.0	110	106	4.0	13	179
20	131	90	14	282	106	3.0	5.0	110	106	3.5	15	179
21	135	93	71	266	106	3.0	5.0	114	106	4.0	18	179
22	135	3,100	89	214	106	2.4	5.0	114	106	3.5	20	168
23	114	5,030	74	208	90	4.9	5.0	114	60	3.5	22	168
24	101	6,150	71	220	71	198	5.0	114	10	3.5	22	162
25	90	3,130	71	298	74	109	37	114	5.0	4.0	22	168
26	93	1,610	71	242	74	52	122	114	3.0	4.0	24	174
27	106	186	71	91	74	152	131	122	2.5	4.0	24	184
28	118	244	47	18	71	157	131	118	2.4	4.0	22	184
29	94	214	3,020	14		162	135	114	1.5	4.0	35	157
30	0.8	190	721	526		162	140	106	2.4	4.0	142	157
31	0.3		1,620	56		162		110		4.0	244	
	1764.4	22557.4	9249.5	11665	3168	2573.3	2906.0	3595	2427.9	98.5	808.1	5193
MEAN	56.9	752.	298.	376.	113.	83.0	96.9	116.	80.9	3.18	26.1	173.
ACRE-FEET	3,500.	44,740.	18,350.	23,140.	6,280.	5,100.	5,760.	7,130.	4,820.	195.	1,600.	10,300.

Remarks:

YEAR OR PERIOD MEAN 181.
ACRE-FEET 130,900.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. E322-R

Daily discharge, in second-feet of SAN GABRIEL RIVER at Peck Road, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	157	135	97	13	123	90	233	93	11	8.0	8.0	101
2	157	122	134	14	134	90	100	93	7.0	8.0	7.0	14
3	157	135	1,690	12	151	93	16	93	7.0	8.0	7.0	9.0
4	162	135	25	16	141	110	144	93	7.0	8.0	8.0	9.0
5	169	131	2,730	12	154	101	50	110	7.0	8.0	8.0	9.0
6	169	102	2,530	9.0	79	74	152	135	7.0	8.0	7.0	8.0
7	168	1,270	358	9.0	20	9.0	214	162	7.0	8.0	9.0	7.0
8	162	117	97	8.0	35	10	45	120	7.0	9.0	10	7.0
9	162	10	140	8.0	78	10	127	78	7.0	8.0	9.0	6.0
10	190	6.0	122	9.0	70	10	131	61	8.0	7.0	8.0	6.0
11	174	26	131	11	73	102	363	59	8.0	7.0	7.0	6.0
12	162	114	152	11	74	79	26	51	8.0	6.0	6.0	7.0
13	157	113	104	17	74	278	131	51	11	6.0	7.0	7.0
14	131	122	97	54	75	79	152	51	11	6.0	9.0	7.0
15	131	122	110	59	75	14	127	39	8.0	7.0	8.0	6.0
16	135	127	114	62	80	12	127	13	7.0	7.0	8.0	6.0
17	135	118	122	65	80	12	135	12	6.0	7.0	9.0	6.0
18	146	118	122	74	78	11	294	11	6.0	6.0	8.0	7.0
19	146	122	127	78	78	11	185	10	6.0	6.0	8.0	7.0
20	146	95	114	78	76	11	33	10	7.0	7.0	7.0	6.0
21	146	29	114	67	73	11	385	9.0	7.0	8.0	7.0	6.0
22	146	106	85	1,290	77	10	474	9.0	7.0	8.0	8.0	6.0
23	146	118	74	803	80	44	24	9.0	7.0	8.0	7.0	7.0
24	74	114	57	3,590	72	93	125	9.0	7.0	8.0	8.0	7.0
25	2.7	106	62	231	20	13	22	9.0	7.0	9.0	8.0	7.0
26	1.3	97	78	40	11	10	31	9.0	7.0	11	9.0	8.0
27	0.8	97	46	33	12	10	72	9.0	8.0	10	8.0	13
28	47	97	47	84	90	63	143	9.0	10	7.0	8.0	15
29	146	93	40	84		46	66	10	10	8.0	8.0	14
30	140	97	38	57		131	90	13	8.0	8.0	6.0	14
31	131		12	51		210		16		7.0	7.0	
	4094.8	4199.0	9,769	6949.0	2198	1847.0	4222	1476.0	231.0	237.0	241.0	338.0
MEAN	132.	140.	315.	224.	42.4	59.6	141.	47.6	7.70	7.65	7.77	11.3
ACRE-FEET	8,120.	8,330.	19,380.	13,780.	4,340.	3,660.	8,370.	2,930.	458.	470.	478.	670.

Remarks:

YEAR OR PERIOD MEAN 96.1
ACRE-FEET 70,990.

STATION F263 B-R

SAN GABRIEL RIVER at Beverly Boulevard

LOCATION: LAT. 34°00'23", LONG. 118°04'05", ON THE DOWNSTREAM SIDE OF THE BEVERLY BOULEVARD BRIDGE, 0.8 MILE NORTHEAST OF PICO.
ELEVATION OF ZERO GAGE HEIGHT 172.50.

DRAINAGE AREA: 206.5 SQUARE MILES. (EXCLUDE AREA ABOVE SANTA FE DAM).

CHANNEL AND CONTROL: CHANNEL - SAND AND SILT
CONTROL - NONE

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR 600 FEET BELOW STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1,1965 TO SEPTEMBER 1, 1967.

REGULATION AND DIVERSION: REGULATION - (PARTIALLY) COGSWELL DAM, SAN GABRIEL DAM, SAN DIMAS DAM, MORRIS DAM, SANTA FE DAM, BIG DALTON DAM, PUDDINGSTONE DIVERSION DAM, PUDDINGSTONE DAM, LIVE OAK DAM, THOMPSON CREEK DAM, WHITTIER NARROWS DAM, BIG AND LITTLE DALTON DEBRIS DAMS AND M W D'S MIDDLE FEEDER OUTLET.
DIVERSION - SEVERAL DIVERSIONS FOR IRRIGATION, POWER DEVELOPMENT AND SPREADING.

RECORDS AVAILABLE: FEBRUARY 4, 1937 TO SEPTEMBER 30, 1967. (PRIOR TO FEBRUARY 4, 1937, SEE F63-R, SAN GABRIEL RIVER AT WHITTIER BOULEVARD; PRIOR TO 1929, SEE STATE DIVISION OF WATER RIGHTS BULLETINS V AND VI).

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,670 SECOND-FEET FEBRUARY 6.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 5,680 SECOND-FEET JANUARY 23.
MINIMUM: 0.3 SECOND-FOOT OCTOBER 27.

1936-67
MAXIMUM: 22,000 SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: FAIR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

REMARKS: M W D WATER WAS DELIVERED TO SAN GABRIEL AND RIO HONDO SPREADING BASINS; 35,690 ACRE-FEET IS INCLUDED IN THIS RECORD DURING 1965-66 AND 19,930 ACRE-FEET DURING 1966-67, 2,790 ACRE-FEET AND 2,100 ACRE-FEET RESPECTIVELY OF RECLAIMED WATER FROM THE WHITTIER NARROWS TREATMENT PLANT IS ALSO INCLUDED.

7&D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F263 B-R

Daily discharge, in second-feet of SAN GABRIEL RIVER at Beverly Boulevard, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	93	172	14	62	157	139	102	0	15	84
2	0	0	87	136	73	62	154	139	99	+	12	78
3	0	0	81	119	87	62	143	136	96	+	12	78
4	0	0	81	122	132	68	136	116	96	0.1	12	90
5	0	0	84	125	123	68	132	119	99	+	14	96
6	0	0	84	122	916	75	136	88	99	0	14	102
7	0	0	84	119	47	102	119	23	84	7.2	13	102
8	0	0	87	112	13	139	119	122	27	17	4.7	102
9	0	3.8	90	109	23	161	119	116	119	16	0	106
10	0	90	99	96	136	176	125	125	112	16	1.1	102
11	0	112	90	96	116	157	125	129	90	13	0.1	99
12	0	133	93	93	116	146	129	122	90	13	0.1	99
13	0	1.8	87	93	109	143	136	112	109	13	0	109
14	8.7	43	84	106	112	62	136	112	125	13	0	102
15	84	225	84	119	116	5.4	74	129	112	13	0	112
16	109	176	81	109	125	10	2.0	129	106	13	0	106
17	119	169	75	93	129	17	1.5	112	116	11	0	99
18	112	112	50	84	125	20	1.4	106	106	5.1	0	90
19	119	28	21	81	119	20	1.7	116	112	0	0	102
20	119	64	5.3	78	112	21	1.7	125	112	0	0	109
21	119	78	81	72	112	21	1.8	129	102	0	0	102
22	119	246	112	68	122	16	4.6	129	87	0	0	96
23	99	204	84	72	102	0.8	15	122	60	0	0	106
24	106	207	78	72	72	195	16	109	8.4	0	0	99
25	84	139	78	78	78	118	23	112	1.2	0	0	93
26	87	132	78	78	75	26	120	112	0.7	0	0	93
27	96	102	75	64	64	139	120	119	0.2	0	0	93
28	106	106	67	36	64	146	132	99	0.1	0	0	93
29	106	93	211	6.5		136	129	93	0.1	6.5	0	90
30	+	90	108	417		139	129	96		18	18	87
31	0		172	59		143		99		18	93	
	1592.7	2554.6	2684.3	3206.5	3434	2656.2	2638.7	3534	2270.7	192.9	209.0	2919
MEAN	51.4	85.2	86.6	103.	123.	85.7	88.0	114.	75.7	6.22	6.74	97.3
ACRE-FEET	3,160.	5,070.	5,320.	6,360.	6,810.	5,270.	5,230.	7,010.	4,500.	383.	415.	5,790.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 76.4
ACRE-FEET 55,320.

FORM Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F263B-R

Daily discharge, in second-feet of SAN GABRIEL RIVER at Beverly Boulevard, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	84	119	78	b 30	125	78	229	112	b 13	b 5.8	b 4.0	b 15
2	84	98	120	b 30	116	87	162	112	12	5.9	4.0	25
3	139	116	1,640	27	119	90	8.8	99	12	5.9	4.0	11
4	143	109	23	30	129	108	120	96	12	6.0	4.2	12
5	141	106	2,270	24	139	90	44	111	11	6.0	4.4	12
6	112	93	2,240	10	95	79	132	184	11	6.1	4.6	9.0
7	125	1,430	522	9.9	26	30	293	205	11	6.1	4.8	8.4
8	119	151	94	b 9.7	41	28	41	144	10	6.2	5.0	8.4
9	129	4.1	141	9.5	99	27	119	45	11	6.2	5.2	8.4
10	157	12	106	9.3	84	20	122	68	12	6.3	5.4	8.4
11	139	31	105	b 9.1	66	87	452	64	13	6.4	5.3	8.4
12	129	129	154	8.8	68	56	23	44	14	6.4	5.2	8.4
13	112	146	96	22	64	304	128	35	15	6.5	5.1	8.4
14	93	143	80	59	66	112	154	26	16	6.2	5.0	8.4
15	96	143	82	78	75	12	122	28	16	5.9	4.8	8.4
16	109	146	109	75	87	9.3	146	17	15	5.6	4.7	8.4
17	99	122	122	75	90	13	150	13	14	5.3	4.5	8.4
18	112	102	115	78	93	23	375	9.3	13	5.0	4.4	8.4
19	112	112	116	81	87	24	336	9.3	12	4.7	4.3	8.4
20	116	92	90	90	84	24	38	9.3	11	4.4	4.1	8.4
21	122	11	83	64	87	24	354	b 9.2	9.0	4.4	4.0	8.4
22	112	96	80	1,250	93	23	489	9.1	8.0	4.3	3.9	8.4
23	116	109	84	321	99	49	26	9.0	7.7	4.2	3.8	8.4
24	76	96	57	472	87	112	131	b 8.9	7.4	4.1	3.7	8.4
25	1.2	93	62	472	15	22	18	8.8	7.0	4.0	3.7	8.4
26	0.5	72	78	45	7.6	9.3	28	8.8	6.7	3.9	3.6	8.4
27	0.3	68	47	32	7.1	3.6	63	8.8	6.4	3.9	3.5	8.4
28	24	75	31	75	53	49	140	9.3	6.0	3.9	3.5	8.4
29	119	72	42	81		20	75	9.3	5.7	3.9	3.4	8.4
30	122	75	44	58		109	93	11	b 5.7	3.9	3.3	b 8.4
31	109		30	52		230		13		b 4.0	b 3.3	
	3,152.0	4,171.1	8,953	4,187.3	2,201.7	1,952.2	4,611.8	1,537.1	323.6	161.4	132.7	285.6
MEAN	102.	139.	289.	135.	78.6	63.0	154.	49.6	10.8	5.21	4.28	9.52
ACRE-FEET	6,250.	8,260.	17,760.	8,300.	4,370.	3,870.	9,150.	3,050.	642.	320.	263.	566.

Remarks:

YEAR OR PERIOD MEAN 96.7
ACRE-FEET 62,800.

STATION F262-R

SAN GABRIEL RIVER at Florence Avenue

LOCATION: LAT. 33°56'19", LONG. 118°05'57", ON THE DOWNSTREAM SIDE OF THE FLORENCE AVENUE BRIDGE, ABOUT 2 MILES EAST OF DOWNEY. ELEVATION OF ZERO GAGE HEIGHT 102.01 FEET.

DRAINAGE AREA: 216.2 SQUARE MILES. (EXCLUDES AREA ABOVE SANTA FE DAM.)

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL, BLACKTOPPED LEVEES, SHIFTING SAND BOTTOM.
CONTROL - NONE.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FLORENCE AVENUE BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION - SAME AS STATION F263B-R, SAN GABRIEL RIVER AT BEVERLY BOULEVARD, PLUS THE OPERATION OF THE SAN GABRIEL COASTAL SPREADING GROUNDS.
DIVERSION - IRRIGATION, POWER DEVELOPMENT, AND SPREADING.

RECORDS AVAILABLE: FEBRUARY 27, 1937 TO MARCH 22, 1949 (LESS AUGUST 19, 1936 TO NOVEMBER 23, 1936, DUE TO RECORDER THEFT). RECORDER OUT MARCH 22, 1949 TO JANUARY 26, 1951, DUE TO CHANNEL CONSTRUCTION. PRIOR TO FEBRUARY 27, 1937, SEE STATION F237-R, AT TELEGRAPH ROAD; JANUARY 26, 1951 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,080. SECOND-FEET JANUARY 30.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 4,320. SECOND-FEET NOVEMBER 23.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1937-67
MAXIMUM: NOT DETERMINED MARCH 2, 1938.
MAXIMUM: 15,960. SECOND-FEET FEBRUARY 22, 1944.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: FAIR.

OPERATION: LOCATED AND CONSTRUCTED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT AND OPERATED IN COOPERATION WITH THE SAN GABRIEL VALLEY PROTECTIVE ASSOCIATION.

75D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F262-R

Daily discharge, in second-feet of SAN GABRIEL RIVER at Florence Avenue, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	90	1.4	0	17	0	0	0	0	0
2	0	0	0	55	7.8	0	0.1	0	0	0	0	0
3	0	0	0	20	5.8	0	0	0	0	0	0	0
4	0	0	0	19	0	0	0	0	0	0	0	0
5	0	0	0	14	0	0	0	0	0	0	0	0
6	0	0	0	12	697	0	0	0	0	0	0	0
7	0	0	0	15	22	0	0	0	0	0	0	0
8	0	0	0	7.0	+	0	0	0	0	0	0	0
9	0	0	6.7	3.5	0	0	0	0	0	0	0	0
10	0	0	5.6	1.5	0	0	0	0	0	0	0	0
11	0	0	0	0.8	0	0	0	0	0	0	0	0
12	0	0	13	0	0	0	0	0	0	0	0	0
13	0	0	15	0	0	0	0	0	0	0	0	0
14	0	1.9	3.6	0	0	0	0	0	0	0	0	0
15	0	15	1.7	0	0	0	0	0	0	0	0	0
16	0	117	0	0	0	0	0	0	0	0	0	0
17	0	194	0	0	0	0	0	0	0	0	0	0
18	0	61	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	183	0	0	0	0	0	0	0	0	0	0
23	0	125	0	0	0	0	0	0	0	0	0	0
24	0	206	0	0	0	36	0	0	0	0	0	0
25	0	44	0	0	0	91	0	0	0	0	0	0
26	0	30	0	0	0	0	0	0	0	0	0	0
27	0	b 18	0	0	0	0	0	0	0	0	0	0
28	0	b 10	0	0	0	0	0	0	0	0	0	0
29	0	0.1	264	0		0	0	0	0	0	0	0
30	0	0	33	243		0	0	0	0	0	0	0
31	0		95	32		0		0		0	0	
	0	1005.0	437.6	512.8	734.0	127	17.1	0	0	0	0	0
MEAN	0	33.4	14.1	16.5	26.2	4.09	0.57	0	0	0	0	0
ACRE-FEET	0	1,990.	868.	1,020.	1,460.	252.	34.	0	0	0	0	0

Remarks:

YEAR OR PERIOD MEAN 7.76
ACRE-FEET 5,620.

75D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F262-R

Daily discharge, in second-feet of SAN GABRIEL RIVER at Florence Avenue, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	e 140	0	0	0	0	0
2	0	0	0.7	0	0	0	e 150	0	0	0	0	0
3	0	0	1350	0	0	0	0	0	0	0	0	0
4	0	0	13	0	0	0	0	0	0	0	0	0
5	0	0	1830	0	0	0	0	0	0	0	0	0
6	0	0	1980	0	0	0	0	0	0	0	0	0
7	0	954	571	0	0	0	56	0	0	0	0	0
8	0	192	43	0	0	0	0.2	0	0	0	0	0
9	0	0	27	0	0	0	0	0	0	0	0	0
10	0	0	3.6	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0.3	348	0	0	0	0	0
12	0	0	0	0	0	0.2	0.5	0	0	0	0	0
13	0	0	0	0	0	202	0	0	0	0	0	0
14	0	0	0	0	0	132	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	183	0	0	0	0	0
19	0	0	0	0	0	0	159	0	0	0	0	0
20	0	0	0	0	0	0	20	0	0	0	0	0
21	0	0	0	0	0	0	205	0	0	0	0	0
22	0	0	0	1120	0	0	481	0	0	0	0	0
23	0	0	0	679	0	0	1.0	0	0	0	0	0
24	0	0	0	443	0	0	31	0	0	0	0	0
25	0	7.3	0	354	0	0	0	0	0	0	0	0
26	0	4.0	0	3.2	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0		0	0	0	0	0	0	0
30	0	0	0	0		0	0	0	0	0	0	0
31	0		0	0		156		0		0	0	
	0	1157.3	5738.3	2599.2	0	490.5	1774.7	0	0	0	0	0
MEAN	0	38.6	185.	83.8	0	15.8	59.2	0	0	0	0	0
ACRE-FEET	0	2,300.	11,460.	5,160.	0	973.	3,520.	0	0	0	0	0

Remarks:

YEAR OR PERIOD MEAN 32.2
ACRE-FEET 23,300.

F42B-R

SAN GABRIEL RIVER above Spring Street

LOCATION: LAT. 33°48'43", LONG. 118°05'25", ON THE RIGHT (WEST) BANK, 455 FEET NORTH OF SPRING STREET, ABOUT 4 MILES EAST OF SIGNAL HILL NEAR LONG BEACH. ELEVATION OF ZERO GAGE HEIGHT 11.87.

DRAINAGE AREA: 231.0 SQUARE MILES (EXCLUDE AREA ABOVE SANTA FE DAM).

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL CONCRETE, 145 FEET AND 79 FEET WIDE BY 15.5 FEET DEEP WITH A LOW FLOW CHANNEL 26 FEET AND 9 FEET WIDE BY 2 FEET DEEP ALONG THE RIGHT BANK.
CONTROL: CHANNEL

DISCHARGE MEASUREMENTS: LOW FLOW BY WADING; HIGH FLOWS FROM CABLE CAR AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1,1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: SAME AS F263B-R.
DIVERSION - SAN GABRIEL COASTAL SPREADING GROUNDS, SEVERAL DIVERSIONS FOR IRRIGATION, POWER DEVELOPMENT AND SPREADING.

RECORDS AVAILABLE: AT F42-R FEBRUARY 6, 1928 TO MAY 4, 1951 AND APRIL 9, 1952 TO MAY 26, 1964. AT F 42B-R NOVEMBER 16, 1964 TO SEPTEMBER 30, 1967. PRIOR TO 1928 SEE STATE DIVISION OF WATER RIGHTS BULLETINS.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1,950 SECOND-FEET FEBRUARY 6.
MINIMUM: NO FLOW AT VARIOUS TIMES

1966-67
MAXIMUM: 4,760 SECOND-FEET JANUARY 23.
MINIMUM: NO FLOW AT VARIOUS TIMES

1927-67
MAXIMUM: 27,000 SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW PART OF EACH YEAR

ACCURACY: FAIR

OPERATION: LOCATED, AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS; OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

76D74M C(b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F42 B-R

Daily discharge, in second-feet of SAN GABRIEL RIVER above Spring Street, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	b 80	1.8	0	a 17.0	+	0	+	0.1	0.1
2	0	0	0	b 61	b 8.7	0.3	0	0	+	|	0.2	+
3	0	0	0	26	1.9	0.2	0	+	0	|	0.2	0.1
4	0	0	0	20	0.1	+	0	+	0	|	+	+
5	0	0	0	14.6	+	0	0	+	0	+	+	|
6	0	0	0	6.7	630	0	0	0	0	0.1	0.2	|
7	0	0	0	4.0	51	0	0	0	+	0.1	0.2	+
8	0	0	0	2.9	1.8	0	0	0	|	0.1	0.1	0.2
9	0	0	a 10.0	1.6	0.2	0	0	2.1	|	0.9	0.2	a 0.2
10	0	0	a 13.6	0.5	+	+	0	1.2	|	0.5	0.6	| 0.2
11	0	0	5.0	0.1	0	+	0	+	+	0.2	1.4	0.2
12	0	0	29	0.1	0	0	0	+	0	+	0.2	0.1
13	0	0	18.0	+	0	0	0	0	0	+	0.1	0.1
14	0	26	14.8	|	+	+	0	0	+	0.1	0.2	| 0.1
15	0	49	5.9	|	+	+	0	0	|	0.1	+	a 0.1
16	0	235	3.1	+	+	0	0	0	|	0.1	0.2	0.1
17	0	358	0.5	0.1	0	0	0	0	|	0.1	0.2	0.3
18	0	85	+	+	0	+	0	+	|	0.2	0.3	0.3
19	0	0	+	+	0	|	0	0.1	|	0.1	0.2	0.3
20	0	0	0	0.7	0	|	0.1	+	+	0.1	+	0.2
21	0	0	0	0	0	+	+	+	0.2	0.2	+	0.2
22	0	280	0	0	0	0	0	0	0.1	0.2	+	0.2
23	0	188	0	0	0	0	0	+	0.1	0.2	0.2	+
24	0	244	0	0	0	19.9	0	|	0.1	+	0.1	a
25	0	72	0	0	0	106	0	|	0.1	|	0.2	|
26	0	40	0	0	0	0.8	0	+	0.1	|	0.5	+
27	0	17.9	0	0	0	0	0.3	0.1	0.1	+	0.2	| 0.1
28	0	10.1	0	0	0	0	0.3	+	0.1	0.1	0.3	| 0.1
29	0	+	485	0		0	+	+	0.1	0.5	0.2	| 0.1
30	0	0	34	247		0	+	+	0.1	0.2	+	a 0.1
31	0		87	95		0		0		0.1	0.1	
	0	1605.0	710.9	560.3	695.5	127.2	17.7	3.5	1.1	4.2	6.4	3.4
MEAN	0	53.5	22.9	18.1	24.8	4.10	0.59	0.11	0.04	0.14	0.21	0.11
ACRE-FEET	0	3,180.	1,410.	1,110.	1,380.	252.	35.	6.9	2.2	8.3	13.	6.7

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 10.2
ACRE-FEET 7,400.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F42B-R

Daily discharge, in second-feet of SAN GABRIEL RIVER above Spring Street for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	b 0.1	0.2	+	+	0.3	+	121	.0	+	1.2	0.5	2.4
2	b 0.1	+	10.1		0.1	+	185	0		1.2	0.5	1.8
3	+	0.2	1,950		0.2	+	0.3	0		0.5	0.5	0.2
4		+	25		0.2	3.6	+	+		1.2	1.2	0.5
5		+	1,960		0.1	0.2	0.1	0		1.2	1.2	1.6
6		0.2	1,350		0.1	+	+	0	+	0.3	1.2	1.8
7		1,190	616		+		73	0	+	0.3	0.5	2.0
8		210	42		+		2.1	0	0.5	0.5	1.2	1.3
9		b 0.1	31		+		+	+	1.4	0.5	0.5	1.5
10		b 1.0	0.5			+	+	1.3	1.4	0.5	1.2	1.6
11		+	+			7.9	322	+	1.4	0.5	1.2	1.4
12						7.8	7.3	0	2.5	0.5	1.4	1.6
13						182	+	+	0.5	1.4	1.4	1.8
14						154	0	0	+	1.2	1.4	0.3
15				+		0.2	0	0	0.2	1.2	1.4	1.2
16				0.1	+	+	0	0	0.2	0.5	1.2	0.5
17				0.1	+		0	+	0.2	1.2	1.2	0.2
18				0.1	0.1		143		0.3	1.2	1.2	0.3
19	+	+		0.1	0.1		195		0.2	1.2	1.4	0.3
20	0.2	3.8		0.1	+		19.5		1.2	1.2	1.4	0.2
21	+	1.8		0.1	+		163		1.6	0.5	0.5	0.1
22	+	+		1,090	+		565	+	1.4	1.2	0.3	0.2
23	+	0.2		872	0.1	+	2.0	1.2	1.2	1.6	0.2	0.2
24	0.1	+		662	+	0	47	0.2	1.2	1.2	0.2	0.3
25	0.2			436	+	0	2.0	+	1.4	1.2	0.1	0.4
26	0.2			5.7	+	+	+		0.5	0.5	0.2	0.1
27	0.2			+	+	+	+		1.2	0.3	0.2	0.3
28	0.3			+	+	0	5.9		1.2	0.3	0.2	36
29	0.2			+		0	11.3		1.2	0.3	0.2	2.5
30	0.1	+	+	1.8		0	0.2		1.2	0.3	0.2	1.4
31	0.2		0	3.1		167		+		0.5	0.3	
	1.9	1407.5	6494.6	3,106.2	1.3	522.7	1865.7	3.2	22.1	25.4	24.3	64.6
MEAN	0.06	46.9	209.	100.	0.05	1.69	62.2	0.10	0.74	0.82	0.78	2.15
ACRE-FEET	3.8	2,790.	12,880.	6,160.	2.6	1,040.	3,700.	6.3	44.	50.	48.	128.

Remarks:

YEAR OR PERIOD MEAN 37.1
ACRE-FEET 26,850.

STATION F312-R

SAN JOSE CHANNEL above Workman Mill ROAD

LOCATION: LAT. 34°01'55", LONG. 118°00'40", ON THE RIGHT (NORTH) BANK, 1650 FEET ABOVE WORKMAN MILL ROAD BRIDGE; ABOUT 3 MILES SOUTHEAST OF EL MONTE. ELEVATION OF ZERO GAGE HEIGHT 248.52 FEET.

DRAINAGE AREA: 83.4 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL WITH NATURAL BOTTOM AND GROUTED SLOPES, 147 FEET WIDE AT BOTTOM, 225.0 FEET WIDE AT TOP AND 17 FEET DEEP. CONTROL - ROCK STABILIZER BELOW STATION.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR 25 FEET ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - PARTIALLY REGULATED BY THOMPSON CREEK DAM AND POMONA SEWAGE TREATMENT PLANT. (SOME FLOW TO SAN JOSE CREEK ABOVE SPADRA AND AT LEMON STREET NEAR CITY OF INDUSTRY.)

RECORDS AVAILABLE: SEPTEMBER 13, 1955 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 5,220. SECOND-FEET DECEMBER 29.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 10,240. SECOND-FEET JANUARY 24.
MINIMUM: 2.8 SECOND-FEET OCTOBER 20.

1955-67
MAXIMUM: 13,100. SECOND-FEET JANUARY 1, 1934 (AT STATION F48-B)
MAXIMUM: 10,240. SECOND-FEET JANUARY 24, 1967.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

REMARKS: THE RECORDS OF STATION F312-R WITH THOSE OF STATION F352-R APPROXIMATE THE CONDITIONS AT STATION F48-R PRIOR TO 1956.

TSD-14M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F312-R

Daily discharge, in second-feet of SAN JOSE CHANNEL above Workman Mill Road, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4.2	2.8	6.5	15	7.9	7.1	5.8	4.1	3.7	3.7	4.6	4.6
2	4.5	2.8	7.7	8.3	19	6.5	4.1	4.1	3.7	3.2	4.6	4.6
3	3.6	3.6	7.1	7.1	4.6	5.8	4.6	3.7	+	3.2	4.1	3.2
4	3.6	3.1	7.1	7.7	4.6	5.8	4.6	3.2	1.4	3.2	3.2	1.4
5	4.2	2.8	7.7	8.3	4.6	5.2	4.6	4.6	1.4	3.2	2.8	1.4
6	2.8	3.1	8.3	8.3	390	6.5	4.6	3.7	1.4	3.7	2.8	1.4
7	3.1	3.1	7.1	8.3	24	5.8	4.1	3.7	3.2	3.7	2.8	0.5
8	2.8	3.4	7.1	5.8	12	5.8	4.1	4.1	1.3	3.7	4.1	3.7
9	2.8	3.4	54	7.1	8.9	5.2	4.1	5.2	5.2	2.3	3.7	5.8
10	2.8	3.9	101	9.3	9.3	4.6	4.1	6.5	5.2	1.4	3.7	4.6
11	2.8	3.9	17	8.3	7.7	5.8	4.1	5.2	4.1	2.8	5.2	v 2.8
12	3.4	4.2	101	8.3	8.3	5.8	4.1	4.6	3.2	4.6	4.6	1.0
13	3.1	4.2	17	8.9	7.7	5.2	4.1	5.2	2.8	5.2	3.2	3.2
14	3.4	49	47	8.9	7.7	5.2	4.1	4.6	4.1	4.6	3.2	5.8
15	3.4	127	22	9.3	7.1	8.9	4.6	5.2	4.6	3.7	3.2	4.6
16	2.3	349	14	7.7	7.1	7.7	4.1	5.8	4.6	4.6	3.2	5.8
17	2.6	245	10	8.3	7.1	6.5	4.1	3.2	7.1	5.2	2.8	5.2
18	2.8	52	9.6	8.3	7.1	4.1	3.7	1.8	7.7	4.1	3.2	7.1
19	2.3	7.8	8.3	8.3	7.7	4.6	4.1	0.5	7.1	3.7	4.6	11
20	2.6	5.4	3.9	7.1	7.1	3.2	3.7	1.8	4.6	4.6	4.1	3.7
21	2.2	5.4	8.9	7.1	6.5	4.6	4.1	0.5	6.5	4.6	4.1	6.5
22	2.1	1410	8.9	7.7	6.5	2.3	4.1	0.5	7.7	4.6	3.7	6.5
23	2.6	501	7.7	7.7	7.1	0.9	4.1	1.4	10	3.7	3.2	7.1
24	2.6	354	7.1	8.3	5.8	12	4.6	1.3	10	3.7	2.8	5.8
25	2.8	122	6.5	9.3	7.7	46	5.2	+	7.7	4.1	2.8	6.5
26	3.1	11	6.5	8.3	7.1	12	4.6	0.9	7.1	4.1	3.2	5.8
27	2.8	7.1	6.5	7.1	5.9	8.9	5.2	1.4	7.1	3.2	5.8	4.6
28	3.1	6.5	6.5	7.1	6.5	6.5	5.2	0.5	7.1	4.1	4.1	4.6
29	2.6	7.1	1640	8.9		5.2	1.4	+	5.8	4.1	4.1	6.5
30	2.6	7.7	94	187		5.2	3.7	+	5.2	4.6	4.6	5.8
31	2.6		24	17		4.6		4.1		4.1	3.7	
	92.0	3,311.3	2,285.0	441.1	611.5	223.5	127.6	91.9	151.1	119.3	115.8	141.1
MEAN	2.97	110.	73.7	14.2	21.8	7.21	4.25	2.96	5.04	3.85	3.74	4.70
ACRE-FEET	182.	6,570.	4,530.	875.	1,210.	443.	253.	182.	300.	237.	230.	280.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 21.1
ACRE-FEET 15,290.

TSD-14M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F312-R

Daily discharge, in second-feet of SAN JOSE CHANNEL above Workman Mill Road, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4.6	4.6	12	8.7	14	13	172	10	12	9.3	9.5	16
2	5.2	7.1	37	9.7	14	14	46	12	12	10	8.5	14
3	5.2	7.1	824	9.7	15	12	8.5	11	11	9.3	8.9	13
4	5.2	8.3	14	9.1	12	23	27	10	11	8.9	8.9	12
5	5.8	9.3	1,310	10	12	12	12	10	10	9.3	9.3	12
6	5.2	8.3	1,270	11	12	11	10	9.3	10	10	8.9	12
7	4.1	593	120	11	12	11	118	8.9	9.3	10	9.3	12
8	4.1	95	18	11	12	12	13	11	10	9.3	10	12
9	2.8	14	14	11	12	12	10	13	10	8.9	9.3	11
10	11	14	20	10	12	13	11	16	11	9.3	8.9	11
11	8.3	13	27	10	11	58	199	10	10	8.9	9.3	12
12	7.1	13	20	10	11	50	12	9.3	12	8.5	8.9	12
13	5.8	14	9.1	11	11	164	11	9.3	13	8.5	10	12
14	5.2	15	9.1	12	12	44	10	8.5	11	8.5	10	11
15	3.7	14	9.1	10	11	11	10	8.9	9.3	8.5	9.3	10
16	5.8	14	9.1	9.7	12	11	10	8.9	10	8.5	9.3	11
17	4.6	16	9.1	11	12	10	10	10	10	8.5	9.3	11
18	3.7	14	7.8	9.6	12	11	138	8.9	10	8.1	8.9	12
19	3.2	14	6.6	9.1	12	10	122	8.9	9.3	8.5	9.3	12
20	2.8	e 14	8.3	10	12	9.3	17	8.9	9.3	8.5	8.9	12
21	3.2	e 14	9.1	10	13	10	274	8.9	10	8.9	10	12
22	3.2	e 14	9.1	772	9.3	10	256	8.9	9.3	8.9	11	11
23	4.1	19	9.6	360	11	10	17	9.3	10	8.5	11	11
24	4.1	8.3	8.7	2,290	8.5	9.3	58	9.3	9.3	8.5	11	12
25	4.6	8.9	8.3	158	11	10	12	9.3	8.9	8.9	11	12
26	4.1	8.9	14	25	12	10	12	10	9.3	9.3	11	11
27	4.1	9.6	9.6	13	12	11	11	10	9.3	8.9	11	12
28	4.6	12	9.6	20	12	10	13	11	10	8.1	12	18
29	4.6	13	9.1	13		11	15	12	9.3	8.1	12	12
30	5.2	12	9.1	22		12	10	12	9.3	8.1	11	12
31	5.8		9.6	27		114		13		8.5	13	
	151.0	1,020.4	3,860.0	3,920.6	330.8	728.5	1,659.5	316.5	304.9	274.0	307.7	363.0
MEAN	4.88	34.0	125.	126.	11.8	23.5	55.3	10.2	10.2	8.84	9.92	12.1
ACRE-FEET	300.	2,020.	7,660.	7,780.	656.	1,450.	3,290.	628.	605.	543.	610.	720.

Remarks:

YEAR OR PERIOD MEAN 36.3
ACRE-FEET 26,260.

STATION F357-R

SAN JOSE CREEK at Mission Mill Road

LOCATION: LAT. 34°01'08", LONG. 118°02'53", ON THE LEFT (EAST) SIDE, 60 FEET UPSTREAM OF MISSION MILL ROAD PRODUCED WEST, ABOUT 2 MILES NORTHEAST OF PICO RIVERA. ELEVATION OF ZERO GAGE HEIGHT 196.54 FEET.

DRAINAGE AREA: 1.6 SQUARE MILES. (EXCLUDES AREA ABOVE SAN JOSE DIVERSION CHANNEL)

CHANNEL AND CONTROL: CHANNEL - TRAPEZOIDAL CONCRETE, 37 FEET WIDE BY 25 FEET WIDE BY 6 FEET DEEP.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM HIGHWAY BRIDGE, ABOUT 200 FEET UPSTREAM.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: SAN JOSE CREEK DIVERSION CHANNEL DIVERTS ALL FLOW FROM SAN JOSE CREEK AT POINT 2.5 MILES UPSTREAM.

RECORDS AVAILABLE: DECEMBER 9, 1964 TO SEPTEMBER 30, 1967; JANUARY 2, 1929 TO DECEMBER 9, 1964, AT STATION F48-R AT WORKMAN MILL ROAD. (PRIOR TO 1929 SEE STATE DIVISION OF WATER RIGHT BULLETINS.)

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 122. SECOND-FEET DECEMBER 29.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 152 SECOND-FEET JANUARY 24.
MINIMUM: 0.3 SECOND-FOOT AT VARIOUS TIMES.

1928-67
MAXIMUM: 152. SECOND-FEET JANUARY 24, 1966 (AT F357-R)
MAXIMUM: 13,100. SECOND-FEET JANUARY 1, 1934 (AT STATION F48-R)
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOGRAPHICAL SURVEY.

REMARKS: PRIOR TO OCTOBER 1, 1955, ALL FLOWS FROM SAN JOSE CREEK PASSED STATION F48-R. AT THAT TIME A DIVERSION WAS CREATED ALLOWING ONLY THOSE FLOWS UNDER 200 CFS TO FOLLOW THE OLD ROUTE. BEGINNING WITH 1964-65 THE DIVERSION WAS ALTERED SO THAT NO WATER FROM SAN JOSE CREEK PASSES THE STATION AND ALL FLOW FROM ABOVE DIVERSION IS MEASURED AT STATION F312-R. STATION F357-R COMBINED WITH STATION F312-R APPROXIMATES CONDITIONS EXISTING AT STATION F48-R PRIOR TO 1956.

74D74M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F357-R

Daily discharge, in second-feet of SAN JOSE CREEK at Mission Mill Road for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	0.2	0.9	0.9	0.8	0.6	0.4	0.4	0.4	0.4	0.3	1.7
2	0.2	0.2	0.8	0.6	0.8	0.6	0.4	0.4	0.4	0.4	0.4	2.0
3	0.2	0.2	0.6	0.6	0.8	1.1	0.4	0.4	0.4	0.6	0.3	1.8
4	0.2	0.2	0.4	0.6	1.1	5.3	0.6	0.6	0.4	1.1	0.3	1.7
5	0.1	0.2	0.4	0.6	1.1	b 0.4	0.8	0.6	0.8	0.9	0.2	1.7
6	0.1	0.3	0.4	0.6	5.4	| 0.4	0.8	0.8	0.3	0.9	0.2	1.3
7	0.2	0.2	0.8	0.6	1.1	| 0.4	0.9	0.8	0.2	0.6	0.2	1.8
8	0.2	0.2	0.8	0.6	1.1	| 0.4	0.8	0.8	0.3	0.4	0.4	1.8
9	0.2	0.2	0.8	0.6	1.1	b 0.4	0.4	0.6	0.6	0.4	1.1	1.7
10	0.2	0.1	0.8	0.6	1.1	0.4	0.4	0.6	0.6	0.4	1.1	2.6
11	0.2	0.1	0.4	0.4	0.8	0.4	0.4	0.6	0.6	0.2	0.9	2.2
12	0.2	0.3	1.1	0.4	0.9	0.4	0.3	0.6	1.1	0.3	0.7	2.2
13	0.2	0.3	0.4	0.6	0.8	0.4	0.3	0.4	0.9	0.3	0.3	2.6
14	0.2	0.9	0.6	0.6	0.8	0.6	0.3	0.4	0.3	0.4	0.1	2.6
15	0.2	1.3	0.4	0.8	0.6	0.8	0.3	0.3	0.9	0.4	0.3	2.0
16	0.3	2.0	0.4	0.6	0.4	0.6	0.3	0.4	1.1	0.6	0.6	1.3
17	0.3	4.9	0.4	0.4	0.4	0.6	0.3	0.4	0.4	0.4	0.3	0.1
18	0.3	2.2	0.4	0.4	0.6	0.6	0.4	0.4	0.9	0.4	1.0	0.2
19	0.2	1.1	0.4	0.4	0.6	0.3	0.8	0.3	0.4	0.8	+	1.8
20	0.2	0.8	0.4	0.4	0.8	0.3	0.6	0.2	0.4	1.1	1.8	2.2
21	0.2	0.6	0.3	0.4	0.8	0.3	0.3	0.3	0.4	0.8	1.8	2.6
22	0.2	10.9	0.3	0.4	0.4	0.3	0.3	0.3	0.8	0.8	1.8	3.0
23	0.3	5.1	0.4	0.6	0.4	0.3	0.3	0.2	0.6	0.8	1.8	3.0
24	0.2	6.0	0.6	0.4	0.6	0.8	0.3	0.3	0.4	0.4	1.8	2.6
25	0.2	1.7	0.6	0.4	0.9	0.9	0.2	0.2	0.4	0.4	2.0	2.6
26	0.2	1.1	0.4	0.4	0.8	0.4	0.4	0.6	0.9	0.6	0.4	2.6
27	0.1	1.1	0.4	0.4	0.8	0.4	0.4	0.9	0.2	0.4	1.5	2.0
28	0.2	1.3	0.4	0.4	0.6	0.4	0.4	0.6	0.1	0.4	1.5	1.8
29	0.1	0.9	18.8	0.4		0.6	0.6	0.4	0.2	0.4	1.5	1.8
30	0.2	0.9	2.2	2.1		0.6	0.4	0.4	0.4	0.4	1.4	1.8
31	0.2		0.9	0.6		0.4		0.6		0.4	1.3	
	6.2	45.5	36.9	17.8	26.4	20.4	13.5	14.8	15.8	16.8	27.3	59.1
MEAN	0.20	1.52	1.19	0.57	0.94	0.66	0.45	0.48	0.53	0.54	0.89	1.97
ACRE-FEET	12.	90.	72.	35.	52.	40.	27.	29.	31.	33.	54.	117.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.82
ACRE-FEET 596.

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F357-R

Daily discharge, in second-feet of SAN JOSE CREEK at Mission Mill Road, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.3	0.8	0.5	1.0	1.2	1.0	3.1	1.2	1.4	1.4	1.2	1.2
2	1.5	0.9	2.0	1.0	1.2	1.0	0.5	1.4	1.4	1.4	1.2	1.0
3	2.0	0.8	10.7	0.6	1.0	1.0	0.6	1.6	1.2	1.6	1.0	1.0
4	1.8	0.6	1.2	0.6	0.8	1.2	1.2	1.6	1.2	1.4	0.8	1.2
5	2.2	0.8	13.7	0.8	0.6	1.0	1.2	1.8	1.0	1.4	0.8	1.0
6	2.0	0.8	7.2	0.6	0.6	0.8	1.4	1.8	1.2	1.2	1.0	1.2
7	0.6	12.2	3.0	0.5	0.6	1.0	2.8	1.8	1.2	1.0	1.0	1.0
8	0.3	1.1	1.8	0.5	0.5	0.8	1.4	1.8	1.2	1.2	1.0	1.0
9	0.3	0.4	1.4	0.4	0.4	1.0	1.6	1.8	1.4	1.2	1.0	0.8
10	0.6	0.4	1.2	0.4	0.4	1.4	1.8	1.8	1.6	1.2	1.0	0.8
11	0.6	0.4	1.0	0.4	0.4	2.2	5.9	1.4	1.8	1.2	1.0	1.0
12	0.4	0.4	1.0	0.4	0.5	2.6	1.4	1.6	1.8	1.2	0.8	1.0
13	0.4	0.3	0.8	0.5	0.6	6.2	1.4	1.4	1.8	1.2	1.0	1.0
14	0.6	0.3	0.8	0.4	0.8	2.2	1.4	1.2	1.6	1.2	1.0 a	1.0
15	0.8	0.3	0.8	0.5	1.0	1.4	1.4	1.4	1.4	1.2	1.2	1.0
16	0.8	0.3	0.5	0.4	0.8	1.4	1.6	1.0	1.4	1.4	1.0	1.0
17	0.8	0.2	0.5	0.5	0.8	1.0	1.6	1.0	1.4	1.2	0.6	1.1
18	1.8	0.2	0.5	0.4	0.8	0.8	3.7	1.0	1.2	1.0	0.6	1.1
19	1.8	0.3	0.5	0.5	1.0	0.8	2.0	1.0	1.2	0.6	0.6	1.1
20	2.0	0.3	0.5	0.5	1.0	0.8	1.0	0.8	1.2	0.8	0.6	1.1
21	1.8	0.3	0.5 b	0.8	1.2	1.0	3.0	1.0	1.0	1.0	0.6	1.1
22	0.9	0.3	0.4	14.9	1.0	1.0	2.7	1.0	1.0	1.4	0.6	1.2
23	1.1	0.3	0.4	5.0	1.0	1.2	1.4	0.8	0.5	1.6	0.6	1.3
24	0.8	0.3	0.4	43	1.0	1.2	2.0	1.2	0.8	1.4	0.8	1.4
25	0.8	0.4	0.4	5.5	1.0	1.4	0.6	1.6	0.8	1.4	1.0	1.6
26	0.8	0.4	0.4	2.0	1.2	1.2	1.0	1.6	0.6	1.2	1.2	1.7
27	0.9	0.4	0.5 b	1.6	1.0	1.0	1.2	1.6	0.8	1.2	1.4	1.8
28	0.9	0.4	0.8	1.6	1.0	1.2	1.6	1.6	0.8	1.2	1.6	1.9
29	0.8	0.4	0.8	1.4		1.0	1.0	1.6	1.2	1.2	1.0	1.8
30	0.8	0.4	0.8	1.4		0.8	1.0	1.6	1.2	1.2	0.6 a	1.6
31	0.8		0.8	1.4		3.2		1.6		1.2	0.6	
	33.0	25.4	55.8	89.5	23.4	43.8	52.5	43.6	36.3	38.0	28.4	36.0
MEAN	1.06	0.85	1.80	2.89	0.84	1.41	1.75	1.41	1.21	1.23	0.92	1.20
ACRE-FEET	65.	50.	111.	178.	46.	87.	104.	86.	72.	75.	56.	71.

Remarks:

YEAR OR PERIOD MEAN 1.38
ACRE-FEET 1,000.

STATION U4-R

SANTA ANITA CREEK above Santa Anita Dam

LOCATION: LAT. 34°11'30", LONG. 118°00'59", ON THE RIGHT (WEST) BANK AT THE HEAD OF HERMIT FALLS, 0.9 MILE UPSTREAM OF DAM AND 3 MILES NORTHEAST OF SIERRA MADRE. ELEVATION OF ZERO GAGE HEIGHT 1475.3.

DRAINAGE AREA: 9.71 SQUARE MILES.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: JULY, 1916 TO SEPTEMBER, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1770. SECOND-FEET DECEMBER 29.
MINIMUM: 0.5 SECOND-FOOT OCTOBER 29.

1966-67
MAXIMUM: 1360. SECOND-FEET DECEMBER 6
MINIMUM: 1.8 SECOND-FEET NOVEMBER 5

1916-67
MAXIMUM: 5200. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: PRACTICALLY NO FLOW AUGUST 18 TO SEPTEMBER 14, 1929.

ACCURACY: GOOD

OPERATION: RECORDS FURNISHED BY THE UNITED STATES GEOLOGICAL SURVEY.

REMARKS: AVERAGE DISCHARGE FOR 51 YEARS - 6.04 SECOND-FEET.

76DT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U4-R

Daily discharge, in second-feet of SANTA ANITA CREEK above Santa Anita Dam, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.7	0.6	66	104	20	6.9	8.8	6.2	5.1	4.7	2.7	2.2
2	0.6	0.7	65	85	19	6.9	8.8	5.9	5.1	4.6	2.7	2.2
3	0.6	0.7	53	75	18	6.7	9.0	5.9	5.0	4.5	2.7	2.1
4	0.6	0.6	30	66	17	6.7	8.8	6.0	4.9	4.0	2.5	2.0
5	0.7	0.6	27	59	17	6.7	8.4	5.9	5.1	3.9	2.5	1.9
6	0.7	0.7	25	54	46	6.8	8.4	5.8	5.0	3.9	2.5	1.9
7	0.7	0.7	23	49	30	6.7	8.3	5.8	4.9	3.9	2.4	1.9
8	0.7	0.7	22	46	23	6.9	8.3	6.5	5.2	3.9	2.5	1.8
9	0.7	0.8	23	43	20	7.0	8.5	8.2	5.4	3.8	2.3	1.7
10	0.7	0.8	24	40	19	7.2	8.5	7.4	5.4	3.8	2.3	1.7
11	0.7	0.8	20	38	17	7.1	8.3	6.9	5.1	3.4	2.3	1.8
12	0.7	0.8	24	36	16	7.2	8.3	6.6	5.0	3.3	2.3	1.9
13	0.7	0.8	21	35	15	7.3	8.0	6.3	4.7	3.4	2.3	1.9
14	0.7	1.6	20	33	14	7.4	7.5	6.3	4.8	3.5	2.2	1.9
15	0.7	5.4	19	31	14	7.4	7.1	6.0	4.8	3.3	2.1	1.9
16	0.7	21	17	30	13	7.6	7.1	5.9	5.0	3.3	2.1	1.9
17	0.7	333	16	29	12	7.6	7.4	5.8	4.9	3.2	2.1	1.9
18	0.6	148	15	28	12	7.6	7.6	5.7	4.6	2.9	2.1	1.9
19	0.6	55	15	27	11	7.8	7.6	5.5	4.8	3.0	2.2	1.9
20	0.6	33	14	25	10	7.8	7.2	5.5	4.8	3.2	2.2	1.9
21	0.6	23	13	24	9.4	8.0	7.1	5.5	4.7	3.1	2.2	2.0
22	0.6	474	13	23	8.8	8.2	7.1	5.5	4.8	3.0	2.1	2.0
23	0.6	462	13	22	8.5	8.2	6.7	5.5	4.8	3.0	2.1	2.0
24	0.6	379	13	22	7.9	9.4	6.5	5.5	5.1	3.0	2.0	2.0
25	0.6	236	13	21	7.6	10	6.6	5.6	5.0	2.8	1.9	2.0
26	0.6	137	12	21	7.4	9.2	6.6	5.8	4.9	2.8	1.9	2.0
27	0.6	94	12	21	7.1	9.3	6.7	5.9	4.7	2.9	1.9	2.0
28	0.6	80	12	21	6.6	9.0	6.6	5.5	4.7	2.9	1.9	2.0
29	0.5	76	608	21		9.1	6.6	5.5	4.7	3.0	2.0	2.0
30	0.6	69	269	25		9.1	6.5	5.3	4.7	3.1	2.0	2.0
31	0.6		150	21		8.9		5.2		3.0	2.1	
	19.9	2636.3	1667	1175	426.3	241.7	228.9	184.9	147.7	106.1	69.1	58.3
MEAN	0.64	87.9	53.8	37.9	15.2	7.80	7.63	5.97	4.92	3.42	2.23	1.94
ACRE-FEET	39.	5,230.	3,310.	2,330.	846.	479.	454.	367.	293.	210.	137.	116.

Remarks:

YEAR OR PERIOD MEAN 19.1
ACRE-FEET 13,810.

76DT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U4-R

Daily discharge, in second-feet of SANTA ANITA CREEK above Santa Anita Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.0	1.9	2.6	12	29	15	31	43	21	11.0	7.5	5.5
2	2.0	1.9	4.7	12	28	17	35	43	19	10	7.4	5.0
3	2.0	1.9	255	11	25	17	30	43	19	10	7.3	6.2
4	2.0	1.9	41	11	24	17	27	41	18	10	7.1	5.2
5	2.0	1.8	153	10	23	16	25	40	18	10	7.0	5.7
6	2.0	1.9	681	10	23	15	24	38	18	10	7.1	5.4
7	2.0	40	250	9.8	22	12	25	36	17	10	7.3	5.3
8	2.0	13	100	9.6	21	11	23	35	17	9.6	7.3	5.2
9	2.0	6.1	64	9.4	20	11	22	35	17	9.3	7.1	5.1
10	2.0	5.0	47	9.2	20	11	21	35	17	9.1	6.9	5.0
11	2.0	4.3	40	9	19	14	50	34	17	8.9	6.6	4.8
12	2.1	3.9	35	8.8	19	67	40	33	18	8.9	6.4	5.0
13	2.1	3.8	30	8.6	18	135	35	31	17	8.8	6.2	5.1
14	2.1	3.6	27	8.5	19	81	31	30	16	8.8	6.4	5.0
15	2.3	3.4	24	8.4	18	54	28	29	15	8.7	6.4	4.5
16	2.1	3.3	22	8.3	18	43	27	29	15	8.6	6.5	4.4
17	2.1	3.3	20	8.2	18	39	27	27	15	8.7	6.3	4.5
18	2.1	3.2	18	8.2	18	36	50	27	14	8.4	6.2	4.8
19	2.0	3.0	17	8.3	17	32	50	26	14	8.2	6.2	5.0
20	2.0	3.1	17	8.0	17	30	45	25	13	8.0	6.1	4.9
21	2.0	3.4	16	7.7	16	28	54	24	13	79	6.3	4.7
22	2.0	3.1	17	58	16	26	70	23	13	78	6.3	4.7
23	2.1	3.0	19	50	16	24	130	23	13	76	6.1	4.6
24	2.0	2.9	20	181	16	23	70	23	12	75	6.0	4.8
25	2.0	2.9	22	123	17	22	60	23	12	75	5.8	4.6
26	2.0	2.8	20	168	17	21	58	22	12	73	5.8	4.4
27	2.0	2.7	18	52	16	19	52	22	11	72	5.6	4.2
28	2.0	2.6	17	43	16	23	50	22	11	72	5.6	4.4
29	2.0	2.6	15	39		25	48	22	11	74	5.4	4.3
30	2.0	2.6	14	35		23	46	21	11	74	5.3	4.3
31	1.9		13	33		29		26		74	5.3	
	62.9	138.9	2039.3	878.0	546	936	1,284	932	454	267.1	198.8	148.6
MEAN	2.03	4.63	65.8	28.3	19.5	30.2	42.8	30.1	15.1	8.62	6.41	4.95
ACRE-FEET	125.	276.	4,040.	1,740.	1,080.	1,860.	2,550.	1,850.	901.	530.	394.	295.

Remarks:

YEAR OR PERIOD MEAN 21.6
ACRE-FEET 15,640.

STATION F119C-R

SANTA ANITA CREEK below Santa Anita Dam

LOCATION: LAT. 34°10'57", LONG. 118°01'07", ON THE RIGHT (WEST) WALL OF FLUME, 600± FEET BELOW DAM, THREE AND ONE-HALF MILES NORTH OF ARCADIA. ELEVATION OF ZERO GAGE HEIGHT 1094.0.

DRAINAGE AREA: 10.8 SQUARE MILES.

CHANNEL AND CONTROL: SAN DIMAS - TYPE FLUME, 8 FEET BY 8FEET , WITH A HIGH FLOW SLAB, 26 FEET BY 8 FEET.

DISCHARGE MEASUREMENTS: FLOWS BELOW 850 SECOND-FEET FROM FOOTBRIDGE AT STATION; HIGHER FLOWS NOT MEASURED.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SANTA ANITA DAM
DIVERSION - MAIN SPILLWAY DISCHARGES BELOW STATION.

RECORDS AVAILABLE: FEBRUARY 6, 1948 TO SEPTEMBER 30, 1967; PRIOR RECORDS AND PERIODS WHEN RECORDER NOT OPERATING, SEE DAM OUTFLOW RECORDS AND F119-R.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 985 SECOND-FEET DECEMBER 29
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 924. SECOND-FEET DECEMBER 6
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1948-67
MAXIMUM: 5070 SECOND-FEET ESTIMATED MARCH 2, 1938 (STATION F119-R)
MAXIMUM: 1350 SECOND-FEET FEBRUARY 11, 1962 (STATION F119BGR)
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F119C-R

Daily discharge, in second-feet of SANTA ANITA CREEK below Santa Anita Dam for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.03	0.03	60	136	25	17.8	4.1	7.2	28	0.06	0.04	0.04
2	0.03	0.03	26	84	25	17.8	0.05	7.2	28	0.06	0.04	0.04
3	0.03	0.03	26	49	21	17.8	0.05	7.7	26	0.06	0.04	0.04
4	0.03	0.03	26	48	23	17.8	0.05	7.7	26	0.05	0.04	0.04
5	0.03	0.03	26	56	23	17.8	0.05	3.6	26	0.05	0.04	0.04
6	0.03	0.03	26	61	23	17.8	0.05	0.03	15.4	0.05	0.04	0.04
7	0.03	0.03	26	55	23	17.2	0.05	0.03	0.05	0.05	0.04	0.04
8	0.03	0.03	26	50	26	17.2	0.05	0.03	0.05	0.05	0.04	0.04
9	0.03	0.03	26	50	25	17.2	0.05	0.03	0.05	0.05	0.04	0.04
10	0.03	0.03	26	46	24	17.2	0.05	0.03	0.05	0.05	0.04	0.04
11	0.03	0.03	26	43	24	17.2	3.1	0.03	0.05	0.05	26	0.04
12	0.03	0.03	26	42	24	17.2	15.0	0.03	0.05	0.05	32	0.04
13	0.03	0.03	26	39	24	17.2	24	0.03	0.05	0.05	3.6	0.04
14	0.03	0.1	26	36	24	17.2	24	0.03	0.05	0.05	4.6	0.04
15	0.03	0.4	26	36	18.3	16.6	23	0.03	0.05	0.05	5.1	0.04
16	0.03	17.4	26	36	12.4	11.8	22	0.04	0.05	0.05	6.2	0.04
17	0.03	75	26	35	12.4	7.2	22	0.04	0.05	0.05	6.2	0.04
18	0.03	126	26	32	14.2	7.7	22	0.04	0.05	0.05	6.2	0.04
19	0.03	34	26	30	14.2	8.2	21	0.04	0.05	19.1	2.8	0.04
20	0.03	24	22	30	13.6	8.2	24	0.04	0.05	31	0.03	0.04
21	0.03	24	22	30	14.8	8.2	20	0.04	0.05	31	0.03	0.04
22	0.03	253	22	30	16.6	8.2	9.4	0.04	0.05	30	0.03	0.04
23	0.03	442	14.7	30	16.6	8.2	7.2	0.03	0.05	29	0.03	0.04
24	0.03	304	0.2	29	17.2	9.4	7.2	0.03	0.05	28	0.03	0.04
25	0.03	140	0.2	29	17.8	9.4	7.2	0.03	0.05	28	0.03	0.04
26	0.03	84	0.2	29	17.8	9.4	7.2	0.03	0.05	27	0.03	0.04
27	0.03	84	9.3	29	17.8	9.4	7.2	0.03	0.06	9.5	0.03	0.04
28	0.03	82	26	28	17.8	9.4	7.2	0.03	0.06	0.04	0.03	0.04
29	0.03	81	302	28		9.4	7.2	0.03	0.06	0.04	0.03	0.04
30	0.03	78	273	27		8.8	7.2	0.03	0.06	0.04	0.03	0.04
31	0.03		106	25		7.7		18.1		0.04	0.03	
	0.93	1849.29	1325.6	1308	555.5	401.6	291.65	52.32	150.64	233.69	93.46	1.20
MEAN	0.03	61.6	42.8	42.2	19.8	13.0	9.72	1.69	5.02	7.54	3.01	0.04
ACRE-FEET	1.8	3,670.	2,630.	2,600.	1,100.	797.	578.	104.	299.	464.	185.	2.4

Remarks:

YEAR OR PERIOD MEAN 17.2
ACRE-FEET 12,420.

7AD74M C(b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F119C-R

Daily discharge, in second-feet of SANTA ANITA CREEK below Santa Anita Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.04	0.04	0.03	a 18.4	43	14.2	d 14.0	d 51	0.02	d 3.9	0.07	d 5.9
2	0.04	0.04	0.1	13.8	26	14.2	14.2	51	0.02	9.0	0.07	6.2
3	0.04	0.04	13.1	15.9	28	13.6	14.4	50	0.02	9.1	d 0.8	6.2
4	0.04	0.04	34	13.2	29	10.2	14.7	49	0.02	9.2	4.2	6.2
5	0.04	0.04	65	a 18.8	29	13.6	14.9	48	0.02	9.3	6.7	6.2
6	0.04	0.04	440	22	29	13.5	15.0	47	0.02	9.3	d 5.2	4.8
7	0.04	0.7	196	20	26	15	43	46	d 7.7	9.3	0.07	5.1
8	0.04	15.9	157	19.6	26	17.2	88	45	11.5	9.3	0.07	5.1
9	0.04	34	157	11.9	25	17.2	68	29	11.5	9.3	d 3.2	5.1
10	0.05	21	63	3.1	26	17.2	42	3.0	11.5	9.3	5.4	5.1
11	0.05	0.04	75	0.05	26	17.2	1.5	24	11.5	9.0	5.4	5.1
12	0.05	0.04	39	0.05	26	18.4	13.8	37	11.5	d 3.3	5.4	5.1
13	0.05	0.04	12.0	6.0	26	71	23	41	11.5	0.04	5.4	5.0
14	0.05	0.04	16.6	11.2	26	111	28	40	11.5	0.04	4.9	10.9
15	0.05	0.04	17.2	11.2	27	108	29	45	9.2	0.04	4.9	16.1
16	0.05	0.04	20	13.3	27	100	29	107	7.8	0.04	5.9	16.1
17	17.5	0.04	22	12.5	27	56	29	26	8.2	0.04	5.9	16.1
18	30	0.04	23	14.2	27	34	28	26	8.2	0.05	5.2	17.9
19	30	0.04	21	14.2	27	34	34	25	8.2	0.05	6.3	20
20	29	0.04	22	14.2	27	34	46	24	8.2	0.05	6.3	22
21	17.2	23	21	14.2	27	34	46	23	8.2	0.05	6.3	24
22	0.04	37	20	39	26	34	79	22	8.2	0.05	6.3	24
23	0.04	17.8	7.6	47	24	34	79	21	8.2	0.06	4.6	24
24	0.04	0.03	+	29	19.3	35	64	21	8.3	0.06	4.0	24
25	0.04	0.03	+	70	14.3	36	52	21	8.4	0.06	3.9	21
26	0.04	0.03	+	79	14.2	37	52	21	8.5	0.06	7.0	19.5
27	0.04	0.03	+	78	14.2	33	52	21	8.5	0.06	6.8	20
28	0.04	0.03	a 16.6	78	14.2	41	52	21	8.6	0.07	5.6	22
29	0.04	0.03	26	78		45	52	d 12	8.7	0.07	6.4	d 13.6
30	0.04	0.03	26	69		45	d 52	0.02	d 8.8	0.07	5.2	0.07
31	0.04		a 23	62		35		0.02		0.07	d 6.0	
	124.91	150.25	1539.23	902.80	711.70	1143.6	1174.5	1002.04	222.52	105.33	147.48	382.37
MEAN	4.03	5.01	50.0	29.1	25.4	36.9	39.2	32.3	7.4	3.40	4.76	12.7
ACRE-FEET	248.	298.	3,050.	1,790.	1,410.	2,270.	2,330.	1,990.	441.	209.	292.	758.

Remarks:

YEAR OR PERIOD MEAN 20.8
ACRE-FEET 15,090.

STATION F 260C-R

SANTA ANITA WASH below Foothill Boulevard

LOCATION: LAT. 34°08'52", LONG. 118°01'39", ON THE RIGHT (WEST) BANK, 1,300± FEET DOWNSTREAM OF FOOTHILL BOULEVARD AND ABOUT ONE MILE NORTH OF ARCADIA. ELEVATION OF ZERO GAGE HEIGHT 507.10.

DRAINAGE AREA: 17.2 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 30 FEET WIDE BY 13 FEET DEEP; BOTTOM IS WARPED 0.3 FOOT TOWARD STATION.
CONTROL - CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE 100 FEET UPSTREAM.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SANTA ANITA DAM, SIERRA MADRE DAM, SANTA ANITA DEBRIS BASIN.
DIVERSION - CITY OF SIERRA MADRE FROM SIERRA MADRE WASH AND SANTA ANITA CREEK FOR SIERRA MADRE SPREADING GROUNDS; THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT FROM SANTA ANITA CREEK FOR SPREADING AT MOUTH AT SANTA ANITA CANYON.

RECORDS AVAILABLE: DECEMBER 11, 1959, TO SEPTEMBER 30, 1967; PRIOR TO DECEMBER 1959, SEE F21-R, F119-R AND F260B-R.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1,260. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 914. SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1936-67
MAXIMUM: 5,070. SECOND-FEET MARCH 2, 1938, OUTFLOW FROM SANTA ANITA DAM.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: POOR

OPERATION: LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS.

7ADF4M Glb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F260C-R

Daily discharge, in second-feet of SANTA ANITA WASH below Foothill Boulevard for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.02	0.01	v 43	125	5.9	0.6	0.8	0.02	0.01	0.01	0.01	0.02
2	0.02	0.01	6.6	88	5.0	0.8	1.1	0.02	0.01	0.06	0.01	0.02
3	0.02	0.01	5.0	48	4.2	0.3	0.8	0.02	0.01	0.02	0.01	0.02
4	0.02	0.02	5.0	42	1.1	0.1	0.8	0.02	0.01	0.02	0.02	0.02
5	0.02	0.01	5.0	51	0.6	0.1	0.8	0.02	0.01	0.02	0.02	0.06
6	0.02	0.01	3.5	54	25	0.02	0.3	0.02	0.01	0.01	0.02	0.01
7	0.02	0.01	4.2	48	3.5	0.02	0.1	0.02	0.01	0.01	0.01	0.01
8	0.02	0.01	2.7	42	2.7	0.06	0.1	0.06	0.01	0.01	0.01	0.01
9	0.02	0.01	12.6	42	2.7	0.02	0.1	0.6	0.01	0.01	0.01	0.01
10	0.02	0.01	6.6	35	1.9	0.02	0.06	0.1	0.01	0.01	0.02	0.01
11	0.02	0.01	3.5	29	3.5	0.02	0.1	0.06	0.01	0.01	0.02	0.01
12	0.02	0.01	13.7	29	4.2	0.06	0.1	0.02	0.01	0.01	0.02	0.01
13	0.02	0.02	5.0	25	2.7	0.02	0.1	0.02	0.01	0.01	0.02	0.01
14	0.01	6.3	6.7	18.6	1.9	13.3	0.1	0.02	0.01	0.01	0.02	0.01
15	0.01	11.7	3.5	18.6	1.9	0.8	0.6	0.02	0.01	0.01	0.02	0.02
16	0.01	31	2.9	16.5	1.9	0.06	0.1	0.02	0.01	0.01	0.02	0.06
17	0.01	107	2.9	14.4	1.6	0.06	0.02	0.02	0.01	0.01	0.02	0.02
18	0.01	104	2.9	8.2	1.3	0.02	0.02	0.02	0.01	0.01	0.02	4.0
19	0.01	9.6	2.9	5.0	1.0	0.06	0.02	0.02	0.01	0.01	0.06	0.02
20	0.01	1.5	2.9	6.6	0.7	0.06	0.06	0.02	0.01	0.01	0.02	0
21	0.01	0.6	2.2	6.6	0.4	0.1	0.1	0.02	0.01	0.01	0.01	0
22	0.01	304	3.5	5.8	0.3	0.3	0.1	0.02	0.02	0.01	0.01	0
23	0.01	481	1.5	4.2	0.3	0.1	0.1	0.02	0.01	0.01	0.01	0
24	0.01	341	0.8	5.0	0.2	3.3	0.1	0.02	0.01	0.01	0.02	0
25	0.02	161	0.6	5.8	0.2	4.6	0.1	0.02	0.01	0.01	0.01	0
26	0.01	v 85	0.3	6.6	0.2	3.5	0.06	0.02	0.01	0.01	0.02	0
27	0.01	64	0.8	10.3	0.2	3.5	0.05	0.02	0.01	0.01	0.02	0
28	0.01	65	1.1	8.2	0.2	1.9	0.02	0.02	0.01	0.01	0.02	0
29	0.01	63	396	7.4		0.6	0.02	0.02	0.01	0.01	0.02	2.5
30	0.02	v 62	306	21		0.6	0.02	0.02	0.01	0.01	0.02	0
31	0.01		113	6.9		0.6		0.02		0.01	0.02	
	0.46	1,897.85	966.9	833.7	75.3	35.60	6.86	1.36	0.31	0.39	0.56	6.85
MEAN	0.1	63.3	31.2	26.9	2.69	1.15	0.23	0.04	0.01	0.01	0.02	0.23
ACRE-FEET	0.9	3,760.	1,920.	1,650.	149.	71.	14.	2.7	0.6	0.8	1.1	14.

Remarks:

YEAR MEAN 10.5
OR
PERIOD ACRE-FEET 7,580.

7ADF4M Glb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F260C-R

Daily discharge, in second-feet of SANTA ANITA WASH below Foothill Blvd. for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0.01	0.01	0.06	d 31	1.9	d 19.8	d 54	d 2.5	e 0.6	e 1.7	e 1.5
2	0	0.01	13.1	0.06	3.5	1.1	8.9	d 54	2.0	0.6	0.5	1.0
3	0	0.01	70	0.1	d 3.6	0.1	6.8	d 54	0.7	0.7	0.02	1.0
4	0	0.01	b 2.0	0.1	4.6	0.1	10.8	50	0.7	1.0	0.02	1.0
5	0	0.02	23	0.1	4.6	0.01	6.8	d 48	0.7	4.0	0.02	1.0
6	0	1.6	483	0.1	d 3.6	0.01	6.8	45	0.3	5.0	0.02	1.0
7	0.01	42	d 275	0.1	2.2	0.01	33	42	0.3	5.0	0.01	1.0
8	0.02	1.9	175	0.1	2.2	0.01	85	d 42	0.3	4.0	0.01	1.0
9	0.01	0.8	165	0.1	1.5	0.01	d 74	36	0.6	3.0	0.01	1.0
10	0.02	0.3	56	0.3	1.5	0.1	45	12.4	0.6	1.5	0.01	1.0
11	0	0.3	d 63	0.8	1.5	5.4	22	d 11.8	1.4	2.0	0.01	1.0
12	0	0.3	23	0.6	1.9	20	6.9	39	4.6	2.5	0.01	0.9
13	0.01	0.1	2.2	0.3	2.2	31	d 19.2	48	7.8	3.3	0.02	0.9
14	0.01	0.1	1.9	0.1	d 4.2	d 100	19.2	45	6.8	3.3	0.02	0.9
15	0.01	0.1	1.9	0.06	8.9	95	19.2	51	4.6	3.4	0.03	0.9
16	0.01	0.02	1.9	0.06	8.9	82	21	123	2.5	3.5	0.03	0.8
17	0.01	0.01	1.5	0.02	7.8	40	d 21	33	2.0	3.5	0.03	0.8
18	0.01	0.01	1.1	0.02	6.8	11.1	40	33	4.6	3.6	0.03	0.8
19	0.01	0.02	1.1	0.1	6.8	11.1	d 38	33	2.5	3.7	0.04	0.8
20	0.01	0.02	1.1	0.3	6.8	11.1	d 43	31	2.0	3.8	0.05	0.8
21	0.01	0.01	1.1	0.02	5.7	11.1	63	d 29	d 2.0	3.5	0.06	0.8
22	0.01	0.01	1.5	35	5.7	11.1	d 117	25	e 0.5	3.2	0.07	0.8
23	0.01	0.01	1.1	d 145	5.7	13.2	108	25	0.5	2.8	0.08	0.8
24	0.01	0.01	0.6	50	d 2.5	15.2	53	27	0.5	2.5	0.1	0.9
25	0	0.01	0.06	d 58	0.3	17.2	d 51	27	0.5	2.3	0.1	0.9
26	0	0.01	0.6	74	0.02	19.2	54	25	0.5	2.0	0.2	1.0
27	0.01	0.01	0.6	74	0.02	19.2	53	29	0.5	1.7	0.2	1.0
28	0.01	0.02	0.3	71	0	19.2	53	d 27	0.5	1.7	0.3	1.0
29	0.02	0.01	0.3	67		d 21	58	d 20	0.5	1.7	0.4	0.5
30	0.01	0.01	0.06	57		25	58	2.9	e 0.5	1.7	0.5	e 0.2
31	0.01		0.06	d 45		19.8		5.7		e 1.7	e 0.5	
	0.24	47.75	1413.09	531.40	134.04	602.25	1254.4	1127.8	54.0	83.8	5.10	27.0
MEAN	0.01	1.59	45.6	18.8	4.79	19.4	41.8	36.4	1.80	2.70	0.16	0.90
ACRE-FEET	0.48	95.	2,820.	1,150.	266.	1,190.	2,490.	2,240.	107.	166.	10.	54.

Remarks:

YEAR MEAN 14.6
OR
PERIOD ACRE-FEET 10,590.

STATION F193B-R

SANTA ANITA WASH at Longden Avenue

LOCATION: LAT. 34°06'52", LONG. 118°00'54", ON THE RIGHT (WEST) BANK , 30 FEET ABOVE THE LONGDEN AVENUE BRIDGE, 1.5 MILES SOUTH OF ARCADIA. ELEVATION OF ZERO GAGE HEIGHT 346.5 FEET.

DRAINAGE AREA: 18.8 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 35 FEET WIDE BY 14 FEET DEEP.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM LONGDEN AVENUE BRIDGE.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: SAME AS STATION F280C-R, SANTA ANITA WASH BELOW FOOTHILL BOULEVARD.

RECORDS AVAILABLE: JANUARY 5, 1960, TO SEPTEMBER 30, 1967. (AT STATION F193-R, APRIL 25, 1932 TO MARCH 1, 1938.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1,380. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 1,180. SECOND-FEET DECEMBER 6.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1959-67
MAXIMUM: 1,780. SECOND-FEET FEBRUARY 11, 1962.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

7M174M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F193B-R

Daily discharge, in second-feet of SANTA ANITA WASH at Longden Avenue, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.01	0.01	b 43	e 125	5.8	0.2	0.3	0.01	0.03	0.03	0.03	0.06
2	0.03	0.03	6.6	88	5.0	0.2	0.3	0.01	0.03	0.06	0.06	0.06
3	0.01	0.06	5.0	48	4.2	0.2	0.3	0.01	0.03	0.03	0.06	0.03
4	0.01	0.06	5.0	42	1.1	b 0.1	0.3	0.01	0.01	0.03	0.06	0.03
5	0.01	0.01	5.0	51	0.2	0.06	0.3	0.01	0.01	0.03	0.06	0.06
6	0.01	0.01	3.5	54	28	0.03	0.2	0.01	0.01	0.03	0.03	0.06
7	0.01	0.03	4.2	48	3.5	0.03	0.2	0.03	0.01	0.06	0.03	0.06
8	0.03	0.03	2.7	42	2.7	0.03	0.2	0.06	0.03	0.03	0.03	0.06
9	0.03	0.03	17.5	42	2.7	b 0.03	0.2	0.2	0.01	0.03	0.03	0.06
10	0.09	0.03	6.6	35	1.9	0.03	0.1	0.1	0.01	0.01	0.03	0.06
11	0.01	0.01	3.5	29	3.5	0.03	0.2	0.1	0.06	0.01	0.09	0.06
12	0.03	0.03	18.8	29	4.2	0.06	0.2	0.03	0.01	0.01	0.09	0.06
13	0.03	0.06	5.0	25	2.7	0.03	0.2	0.03	0.01	0.01	0.09	0.06
14	0.03	14.2	6.6	18.6	1.9	10.5	0.2	0.03	0.01	0.01	0.06	0.06
15	0.01	23	3.5	18.6	1.9	0.8	0.2	0.03	0.01	0.03	0.06	0.06
16	0.01	55	2.7	16.5	1.9	0.01	0.2	0.01	0.01	0.01	0.06	0.09
17	0.01	167	2.7	14.4	a 1.6	0.06	0.1	0.03	0.01	0.01	0.06	0.1
18	0.01	171	2.7	8.2	1.3	0.03	0.1	0.06	0.03	0.01	0.06	4.9
19	0.01	27	2.7	5.0	1.0	0.03	0.2	0.03	0.01	0.03	0.06	0.06
20	0.01	1.9	2.7	6.6	0.7	0.03	0.2	0.06	0.01	0.01	0.06	0.03
21	0.01	0.3	1.9	6.6	0.4	0.1	0.2	0.06	0.01	0.01	0.06	0.03
22	0.01	374	3.5	5.8	a 0.3	0.1	0.2	0.06	0.06	0.03	0.06	0.06
23	0.01	541	1.9	4.2	0.3	0.1	0.2	0.03	0.01	0.01	0.03	0.06
24	0.01	444	0.3	5.0	0.2	7.6	0.2	0.03	0.01	0.01	0.06	0.09
25	0.03	215	0.3	5.8	0.2	6.1	0.1	0.03	0.03	0.03	0.03	0.06
26	0.01	b 85	0.2	6.6	0.2	3.5	0.1	0.03	0.01	0.03	0.03	0.06
27	0.03	64	0.3	10.3	0.2	3.5	0.1	0.06	0.01	0.06	0.06	0.06
28	0.01	65	0.3	8.2	0.2	1.1	0.03	0.03	0.03	0.06	0.01	0.06
29	0.03	63	474	7.4		1.1	0.03	0.03	0.03	0.06	0.03	1.2
30	0.03	b 62	b 306	28		1.1	0.03	0.03	0.03	0.06	0.03	0.06
31	0.01		b 113	6.6		1.1		0.03		0.06	0.03	
	0.59		1051.7		77.8		5.39		0.58		1.54	
		2372.8		840.4		37.89		1.28		0.9		7.76
MEAN	0.02	79.1	33.9	27.1	2.78	1.22	0.18	0.04	0.02	0.03	0.05	0.26
ACRE-FEET	1.2	4,710.	2,090.	1,670.	154.	75.	10.7	2.5	1.2	1.8	3.1	15.4

Remarks:

YEAR OR PERIOD MEAN 12.0
ACRE-FEET 8,730.

7SD74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F193B-R

Daily discharge, in second-feet of SANTA ANITA WASH at Longden Avenue for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.03	0.06	0.03	0.2	31	1.4	19.8	54	2.5	d 0.6	d 1.7	d 1.5
2	0.06	0.06	20	0.2	3.6	1.4	8.9	54	2.0	0.6	0.5	1.0
3	0.06	0.09	141	0.2	3.6	0.3	6.8	54	0.7	0.7	0.02	1.0
4	0.06	0.09	b 2.0	0.3	4.6	0.7	10.8	51	0.7	1.0	0.02	1.0
5	0.06	0.09	69	0.3	4.6	0.09	6.8	48	0.7	4.0	0.02	1.0
6	0.06	0.2	613	0.3	3.6	0.06	6.8	45	0.3	6.0	0.02	1.0
7	0.06	77	275	0.3	2.5	0.09	33	42	0.3	5.0	0.01	1.0
8	0.06	1.4	175	0.3	2.0	0.06	85	42	0.3	4.0	0.01	1.0
9	0.06	0.7	166	0.3	2.0	0.06	74	35	0.6	3.0	0.01	1.0
10	0.09	0.3	96	0.7	2.0	0.2	49	12.4	0.6	1.5	0.01	1.0
11	0.03	0.2	63	1.0	2.0	8.0	37	11.8	1.4	2.0	0.01	1.0
12	0.03	0.2	23	1.0	2.0	38	7.5	39	4.6	2.5	0.01	0.9
13	0.03	0.09	2.8	0.7	2.5	61	19.2	48	7.8	3.3	0.02	0.9
14	0.01	0.2	2.5	0.3	4.6	100	19.2	45	6.8	3.3	0.02	0.9
15	0.01	0.2	3.6	0.2	8.9	96	19.2	51	4.6	3.4	0.03	0.9
16	0.01	0.09	2.5	0.2	8.9	82	21	123	2.5	3.5	0.03	0.8
17	0.03	0.06	2.0	0.09	7.8	40	21	33	2.0	3.5	0.03	0.8
18	0.03	0.06	1.4	0.09	6.8	11.1	43	33	4.6	3.6	0.03	0.8
19	0.09	0.06	1.4	0.2	6.8	11.1	38	33	2.5	3.7	0.04	0.8
20	0.09	0.2	1.4	0.3	6.8	11.1	48	31	2.0	3.8	0.05	0.8
21	0.06	0.06	1.4	0.09	5.7	11.1	70	29	2.0	3.5	0.06	0.8
22	0.03	0.09	1.4	87	5.7	11.1	117	27	d 0.5	3.2	0.07	0.8
23	0.03	0.06	1.0	46	5.7	13.2	108	27	0.5	2.8	0.08	0.8
24	0.06	0.03	0.3	101	2.5	15.2	83	27	0.5	2.5	0.1	0.9
25	0.06	0.03	0.06	58	0.7	17.2	51	27	0.5	2.3	0.1	0.9
26	0.06	0.03	0.3	74	0.2	19.2	54	27	0.5	2.0	0.2	1.0
27	0.06	0.03	1.0	74	0.09	19.2	54	27	0.5	1.7	0.2	1.0
28	0.06	0.06	1.0	71	0.09	19.2	57	27	0.5	1.7	0.3	1.0
29	0.09	0.03	0.7	67		21	60	20	0.5	1.7	0.4	0.5
30	0.06	0.06	0.3	57		25	57	2.5	0.5	1.7	0.5	d 0.2
31	0.09		0.3	45		32		7.4	d 0.5	d 1.7	d 0.5	
	1.62	81.83	1,668.39	687.27	137.28	666.06	1,285.0	1,133.1	54.5	83.8	5.10	27.0
MEAN	0.05	2.73	53.8	22.2	4.90	21.5	42.8	36.6	1.76	2.70	0.16	0.90
ACRE-FEET	3.2	162.	3,310.	1,360.	272.	1,320.	2,550.	2,250.	108.	166.	10.	54.

Remarks:

YEAR OR PERIOD MEAN 16.0
ACRE-FEET 11,570.

STATION F93-R

SANTA CLARA RIVER above Lang Railroad Station

LOCATION: LAT. 34°25'58", LONG. 118°21'39", ON THE RIGHT (NORTH) BANK, 0.7± MILE ABOVE LANG RAILROAD STATION AND 15± MILES NORTHWEST OF NEWHALL. ELEVATION OF ZERO GAGE HEIGHT 1,733.77.

DRAINAGE AREA: 157.3 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND, GRAVEL AND ROCK.
CONTROL - NONE

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - NONE
DIVERSION - FOR IRRIGATION AND RECREATION.

RECORDS AVAILABLE: OCTOBER 18, 1949 TO SEPTEMBER 30, 1967; MEASUREMENTS FROM NOVEMBER, 1929.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 4,040. SECOND-FEET DECEMBER 29.
MINIMUM: 0.4 SECOND-FOOT AT TIMES IN NOVEMBER.

1966-67
MAXIMUM: 265. SECOND-FEET JANUARY 24.
MINIMUM: 0.8 SECOND-FOOT SEVERAL DAYS IN OCTOBER.

1950-67
MAXIMUM: 4,200. SECOND-FEET JANUARY 16, 1952.
MINIMUM: 0.2 SECOND-FOOT VARIOUS TIMES IN 1950-51 AND 1961-62.

ACCURACY: POOR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F93-R

Daily discharge, in second-feet of SANTA CLARA RIVER above Lang Railroad Station, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.5	0.5	13	v 105	v 16	v 14	v 9.1	v 5.7	v 3.7	v 1.1	v 1.0	v 0.7
2	0.5	0.5	13	75	15	14	9.0	5.4	3.7	1.1	1.0	0.7
3	0.5	0.5	10	55	15	14	8.9	5.1	3.5	1.1	1.0	0.7
4	0.5	0.5	8.6	46	15	14	8.9	4.9	3.3	1.1	1.0	0.7
5	0.5	0.5	7.0	42	15	14	8.8	4.7	3.1	1.1	1.0	0.7
6	0.5	0.5	6.5	38	30	15	9.7	5.0	2.9	1.1	1.0	0.7
7	0.5	0.4	7.0	34	26	15	8.7	5.2	2.8	1.1	1.0	0.7
8	0.5	0.4	6.5	30	24	15	8.6	5.4	2.7	1.1	1.0	0.7
9	0.5	0.4	9.2	28	22	16	8.4	5.6	2.6	1.1	1.0	0.7
10	0.5	0.4	12	26	21	16	8.2	5.8	2.5	1.2	1.0	0.7
11	0.5	0.4	9.8	24	20	16	7.8	5.9	2.4	1.2	1.0	0.8
12	0.5	0.4	11	22	20	15	7.5	5.9	2.2	1.3	1.0	0.8
13	0.6	0.4	9.2	22	19	14	7.3	5.9	2.0	1.4	0.9	0.8
14	0.6	0.4	9.2	22	19	14	7.1	5.8	1.8	1.5	0.9	0.8
15	0.6	0.4	8.6	22	18	13	7.1	5.8	1.7	1.4	0.8	0.8
16	0.6	0.4	9.2	21	18	12	7.1	5.8	1.6	1.3	0.8	0.8
17	0.6	10	9.8	21	18	12	7.1	5.7	1.5	1.2	0.7	0.8
18	0.6	3.1	7.0	21	18	12	7.1	5.7	1.4	1.2	0.7	0.8
19	0.6	1.6	7.0	20	18	12	7.1	5.6	1.3	1.1	0.7	0.7
20	0.6	1.5	7.0	20	17	12	7.1	5.4	1.2	1.0	0.7	0.7
21	0.6	1.5	8.6	20	17	11	7.1	5.2	1.1	0.9	0.8	0.7
22	0.6	189	9.8	19	17	11	7.1	4.9	1.0	0.9	0.8	0.7
23	0.6	101	8.0	18	16	11	7.0	4.6	1.0	0.9	0.8	0.7
24	0.6	197	7.5	17	16	11	6.9	4.3	1.0	0.9	0.9	0.8
25	0.6	56	9.0	17	16	11	6.8	4.0	1.0	1.0	0.9	0.8
26	0.6	32	9.2	16	15	10	6.7	3.7	1.0	1.0	0.9	0.8
27	0.6	19	7.5	16	15	10	6.6	3.7	1.0	1.0	0.9	0.9
28	0.6	13	8.6	16	v 15	10	6.5	3.7	1.0	1.0	0.8	0.9
29	0.6	13	942	16		9.8	6.3	3.7	1.0	1.0	0.8	0.9
30	0.6	13	324	25		9.4	v 6.0	3.7	v 1.0	1.0	0.7	v 0.9
31	0.6		v 150	v 16		v 9.1		v 3.7		v 1.0	v 0.7	
	17.4	657.7	1,663.8	890	511	392.3	226.6	155.5	58.0	34.3	27.2	22.9
MEAN	0.56	21.9	53.7	28.7	18.2	12.7	7.55	5.02	1.93	1.11	0.88	0.76
ACRE-FEET	35.	1,300.	3,300.	1,770.	1,010.	778.	449.	308.	115.	68.	54.	45.

Remarks:

YEAR OR PERIOD MEAN 12.7
ACRE-FEET 9,240.

74D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F93-R

Daily discharge, in second-feet of SANTA CLARA RIVER above Lang Railroad Station, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	d 0.9	d 0.8	d 1.8	a 3.8	b 19	5.8	24	52	c 20	c 5.5	c 2.1	c 1.3
2	0.9	0.8	d 1.9	3.8	b 20	5.4	25	48	20	5.5	2.1	1.4
3	0.8	0.8	17	3.8	24	5.4	22	c 47	19	5.4	2.0	1.5
4	0.8	0.8	13	a 3.8	12	5.4	20	45	18	5.4	2.0	1.6
5	0.8	0.8	7.5	3.8	11	5.0	19	45	17	5.3	2.0	1.7
6	0.8	d 0.8	71	3.0	9.0	4.6	17	44	16	5.3	2.1	1.8
7	0.8	7.6	40	2.4	9.5	4.6	16	42	15	5.0	2.1	1.9
8	0.8	3.0	12	2.1	9.0	5.0	16	40	14	4.7	2.2	1.8
9	0.8	1.6	7.5	2.1	8.0	5.0	13	38	14	4.4	2.2	1.8
10	0.8	d 1.0	6.2	2.1	8.5	5.0	12	37	14	4.1	2.3	1.7
11	0.8	1.0	6.2	2.1	6.2	6.2	42	35	14	2.8	2.2	1.7
12	3.0	1.0	5.8	3.0	6.6	15	39	34	14	2.5	2.1	1.6
13	2.4	1.0	5.4	3.0	7.0	50	35	32	14	2.2	2.0	1.6
14	1.6	1.0	4.2	3.8	7.5	38	32	30	14	2.3	2.0	1.5
15	1.0	1.0	3.0	4.2	8.0	30	33	28	14	2.5	1.9	1.5
16	0.8	1.1	2.7	4.6	7.5	28	32	26	14	2.7	1.8	1.4
17	0.8	1.2	3.0	4.2	7.0	28	31	24	13	3.0	1.8	1.4
18	0.8	1.2	3.4	4.2	7.0	28	42	23	12	3.3	1.7	1.4
19	0.8	1.2	3.8	a 4.2	7.0	27	50	23	11	3.7	1.6	1.3
20	0.8	1.4	4.2	a 4.1	7.0	23	44	23	10	3.5	1.5	1.3
21	0.8	1.7	a 4.2	a 4.0	7.0	19	49	23	9.0	3.3	1.4	1.3
22	0.8	1.7	4.2	16	7.0	18	61	22	8.2	3.1	1.3	1.3
23	0.8	1.7	4.2	7.5	6.6	16	59	21	8.0	2.9	1.1	1.3
24	0.8	1.7	a 4.2	90	6.6	17	61	21	7.6	2.7	1.0	1.3
25	1.0	1.7	4.0	62	6.6	18	61	21	7.2	2.5	1.0	1.4
26	1.2	1.7	4.0	34	6.2	19	60	21	6.8	2.4	1.1	1.4
27	1.4	1.7	4.0	29	5.8	18	58	21	6.4	2.3	1.1	1.4
28	1.2	1.7	a 3.8	22	5.8	17	61	20	6.0	2.3	1.1	1.4
29	1.0	1.7	3.8	17		14	67	20	5.6	2.2	1.2	1.4
30	0.8	d 1.7	a 3.8	16		14	56	20	c 5.6	2.2	1.2	c 1.4
31	d 0.8		a 3.8	b 16		24		c 20		c 2.1	c 1.2	
	31.6	46.1	263.6	381.6	251.4	518.4	1157	948	367.4	107.1	52.4	44.8
MEAN	1.02	1.54	8.50	12.3	8.98	16.7	38.6	30.6	12.2	3.45	1.69	1.49
ACRE-FEET	63.	91.	523.	757.	499.	1,030.	2,290.	1,880.	729.	212.	104.	89.

Remarks:

YEAR OR PERIOD MEAN 11.4
ACRE-FEET 8,270.

STATION F135-R

SANTA CLARA RIVER – SOUTH FORK at Saugus - Ventura Road

LOCATION: LAT. 34°24'52", LONG. 118°32'34", ON THE RIGHT (EAST) BANK AND ON THE UPSTREAM SIDE OF SAUGUS-VENTURA ROAD BRIDGE, 800± FEET WEST OF SAN FERNANDO ROAD, SAUGUS. ELEVATION OF ZERO GAGE HEIGHT 1,143.97.

DRAINAGE AREA: 40.9 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND AND GRAVEL.
CONTROL - NONE

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR 200± FEET ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: SEPTEMBER 9, 1947 TO SEPTEMBER 30, 1967, PRIOR MEASUREMENTS AT STAFF STATION F135-S, NEWHALL CREEK.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 5,630 SECOND-FEET NOVEMBER 17.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966–67
MAXIMUM: 1,820. SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1947–67
MAXIMUM: 6,800 SECOND-FEET JANUARY 16, 1952.
MINIMUM: NO FLOW MOST OF EACH YEAR

ACCURACY: FAIR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: FLOWS OCCASIONALLY ORIGINATE FROM LOS ANGELES AQUEDUCT BLOWOFF.

FD174M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F135-R

Daily discharge, in second-feet of SANTA CLARA RIVER-SOUTH FORK at Saugus Ventura Road, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3.4	0	0	2.4	v 0.3	0	0.4	0.5	0.6	1.2	1.0	a 1.5
2	4.2	0	+	0.9	| 0.2	0	0.6	0.5	0.6	0.8	2.0	| 1.4
3	4.6	0	0	0.6	| 0.1	0	1.2	0.4	0.2	1.1	1.7	| 1.3
4	2.4	0	0	0.6	| 0.1	0	0.7	1.6	0.4	1.9	1.2	| 1.2
5	1.9	+	0	+	v 0.1	0	0	1.0	0.5	1.8	1.6	| 1.1
6	1.8	+	0	v 0.3	40	+	+	1.5	0.4	1.6	1.4	| 1.0
7	0	+	0	v 0.9	5.0	0	0.7	1.5	0.4	1.9	0.5	| 0.9
8	0	0	0	v 0.1	v 0.6	0	0.3	+	0.1	1.8	0.1	a 0.8
9	1.1	0	v 0.2	+	| 0.6	0	0.3	0	0.1	1.9	0.1	0.7
10	0	0	0	|	| 0.6	0	0.8	0	0.6	2.1	0.1	0.5
11	+	0	0	|	v 0.2	0.2	0.7	a 0	0.7	2.1	1.5	0.9
12	1.0	0	+	|	+	0.3	0.4	+	1.2	1.7	0.7	0.9
13	0	0	0	|	0	0	0.2	0.1	1.4	2.0	0.3	0.6
14	0.7	0.8	+	|	0	0.6	0.1	0.1	1.1	1.7	0.9	0.1
15	3.7	6.0	0	|	0	1.0	0.1	0.2	0.9	2.0	1.1	0.3
16	1.7	115	0	|	0	1.1	0.1	0.2	1.2	2.1	0.3	0.1
17	1.9	661	0	|	+	0.4	0.4	0.2	1.5	2.0	+	0.9
18	2.7	66	0	|	v 0.1	+	0.2	a 0.2	1.3	1.6	0.1	1.9
19	0	5.9	0	|	+	0.6	0.4	0.2	0.9	2.0	0.6	1.8
20	0	+	0	|	0	0.6	0.5	0.2	0.7	1.9	+	0.3
21	0	0	0	|	0	0.4	0.6	0.4	1.2	a 1.8	0.1	0.1
22	0	632	0	+	0	0	0.7	0.4	1.2	| 1.7	0.4	0.1
23	0	145	0	0	+	0.3	0.9	+	1.3	| 1.6	0.1	0.2
24	+	517	0	0	0	1.2	1.4	0.2	2.4	| 1.5	0.1	0.4
25	0.3	67	0	+	+	0.2	1.3	1.0	2.2	| 1.4	0.5	0.5
26	0.4	13	0	+	+	1.2	1.6	0.7	2.1	| 1.3	0.4	0.3
27	+	6.9	0	0	0	0.6	1.3	0.8	1.3	| 1.2	0.7	0.2
28	0.8	2.4	0	+	0	0.7	1.2	0.6	1.1	a 1.0	0.1	0.1
29	0.6	1.1	1.230	0		0.5	0	0.3	1.3	1.0	0.1	0.1
30	0	+	119	33		1.0	+	+	1.5	1.6	1.5	1.0
31	0		7.7			0.8		0.8		1.5	1.6	
	33.2		1356.9		47.9		17.1		30.3		20.8	
		2239.0		38.8		11.7		13.6		50.8		21.2
MEAN	1.07	74.6	43.8	1.25	1.71	0.38	0.57	0.44	1.01	1.63	0.67	10.6
ACRE-FEET	66.	4,440.	2,690.	77.	95.	23.	34.	27.	60.	101.	41.	42.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 10.6
ACRE-FEET 7,700.

760F4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F135-R

Daily discharge, in second-feet of SANTA CLARA RIVER - SOUTH FORK at Saugus Ventura Road, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.7	a 0.2	0	0	0	0	16	0.1	d 2.0	d 3.0	d 2.0	d 0.5
2	0.3	a 0.2	8.7	0	0	0	a +	1.2	2.0	2.0	2.0	0.5
3	0.1	0.2	175	0	0	0	0	0.9	2.0	1.0	2.0	0.5
4	0.1	0.6	13	0	0	0	2.0	0.9	0	1.0	2.0	0.5
5	0.5	0.8	139	0	0	0	a 0	1.2	2.0	2.0	2.0	0.5
6	0.4	0.9	594	0	0	0	0	1.5	3.0	3.0	1.0	0.5
7	0.1	271	69	0	0	0	5.6	0.6	3.0	3.0	1.0	0.5
8	0.1	+	4.3	0	0	0	0	0	3.0	3.0	0.5	0.5
9	0.1	0	0.3	0	0	0	0	+	2.0	3.0	0.5	0.5
10	0.1	0	0	0	0	0	4.2	0.3	1.0	3.0	0.5	0.5
11	0.1	0	+	0	0	+	46	0.3	+	3.0	0.5	0.5
12	0.1	0	0	0	0	34	b 0.3	0.9	0	3.0	0.5	0.5
13	0.1	0	0	0	0	43	0.3	1.5	0	3.0	0.5	0.5
14	0.1	0	0	0	0	2.4	0.3	1.5	1.0	3.0	0.5	0.5
15	0.4	0	+	0	0	+	0.3	1.2	1.0	3.0	5.0	0.5
16	0.8	0	0	0	0		0.3	0.9	1.0	2.0	4.0	0.5
17	0.3	0	0	0	0		0.3	0.9	2.0	1.0	3.0	0.5
18	0.2	0	0	+	0		62	1.5	2.0	0	2.0	1.0
19	0.4	0	0	0	0		18	0.9	2.0	0	1.0	1.0
20	0.8	1.7	0	0	0		3.8	1.2	1.0	0	1.0	1.0
21	0.9	+	0	0	0		9.0	0.6		0	1.0	1.0
22	1.2	0	0	239	0	+	30	1.2	1.0	0	0.9	1.0
23	1.0	0	0	27	0	0.6	5.1	0.3	2.0	0	0.8	1.0
24	0.8	0	0	483	0	0.9	1.8	+	1.0	0	0.7	1.0
25	0.1	0	0	81	0	+	0.6	0.6	2.0	0	0.7	1.5
26	0.1	0	0	8.3	0	0.3	0.9	0.3	3.0	3.0	0.7	1.5
27	0.5	0	0	2.7	0	+	1.5	0.3	3.0	3.0	0.6	1.5
28	0.1	0	0	+	0	0.9	4.3	1.2	3.0	3.0	0.6	1.5
29 a	0.1	0	0	0		1.5	0.6	2.4	3.0	3.0	0.5	1.5
30 a	0.1	0	0	+		0.9	0	2.1	d 3.0	3.0	0.5	d 1.5
31 a	0.1		0	+		18		2.4		d 2.0	d 0.5	
	10.8	275.6	1003.3	841.0	0	102.5	213.2	28.9	51.0	58.0	39.0	24.5
MEAN	0.35	9.15	32.4	27.1	0	3.31	7.11	0.92	1.70	1.87	1.26	0.82
ACRE-FEET	21.	547.	1,990.	1,670.	0	203.	423.	57.	101.	115.	77.	48.

Remarks:

YEAR OR PERIOD MEAN 7.25
ACRE-FEET 5,250.

STATION F92-R

SANTA CLARA RIVER at Old Highway Bridge

LOCATION: LAT. 34°25'42", LONG. 118°35'23", ON THE DOWNSTREAM END OF RIGHT (WEST) PIER OF OLD HIGHWAY 99 BRIDGE, ABOUT 1,850 FEET BELOW GOLDEN STATE HIGHWAY BRIDGE AND ABOUT 3 MILES WEST OF SAUGUS. ELEVATION OF ZERO GAGE HEIGHT 1,028.41 FEET.

DRAINAGE AREA: 410.4 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND AND GRAVEL; HEAVY WEEDS AND BRUSH GROWTH. CONTROL - NONE.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - BOUQUET CANYON AND DRY CANYON RESERVOIRS. FLOWS OCCASIONALLY ORIGINATE FROM LOS ANGELES CITY AQUEDUCT BLOWOFF AT SANTA CLARA RIVER CROSSING.
DIVERSION - SOME FLOW DIVERTED FOR IRRIGATION NEAR LANG PRIOR TO 1948; MINOR DIVERSIONS ABOVE STATION F93-R.

RECORDS AVAILABLE: AT STATION F92-R - JANUARY 18, 1930 TO MARCH 28, 1938 AND SEPTEMBER 24, 1956 TO SEPTEMBER 30, 1967; AT STATION F92B-R - OCTOBER 1, 1938 TO SEPTEMBER 24, 1956; PRIOR TO JANUARY 18, 1930 - SOME WEEKLY MEASUREMENTS.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 11,630. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 3,000 SECOND-FEET JANUARY 24.
MINIMUM: 0.1 SECOND-FOOT PART OF YEAR.

1930-67
MAXIMUM: 24,000 SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: POOR.

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F92-R

Daily discharge, in second-feet of SANTA CLARA RIVER at Old Highway Bridge, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.4	0.3	v 0.8	v 6.0	v 0.8	v 0.3	v 0.3	0.5	2.0	1.1	b 2.9	1.3
2	0.4	0.3	0.8	6.0	0.9	0.3	0.3	0.6	2.9	1.1	2.9	1.3
3	+	0.1	0.8	5.5	1.0	0.3	0.3	0.8	2.0	0.7	2.9	0.1
4	0	0.3	0.8	4.0	1.0	0.3	0.2	1.0	2.4	1.3	b 2.9	0.9
5	0	+	0.8	3.0	v 1.0	0.3	0.2	0.9	2.0	1.1	2.9	1.3
6	0.2	0.2	1.0	2.2	69	0.3	v 0.1	1.1	4.8	1.6	2.4	1.1
7	0.4	0	0.8	2.2	1.5	0.4	0.1	0.7	2.9	2.0	2.9	1.3
8	1.0	+	1.5	2.0	v 1.0	0.4	0.1	0.9	0.4	2.0	2.0	1.3
9	0.9	0.1	1.5	2.0	0.5	0.5	0.2	0.9	1.6	2.0	0.3	0.7
10	2.1	+	0.8	2.0	0.4	0.5	0.3	0.9	4.8	2.0	0.5	0.4
11	1.1	+	0.6	2.0	0.4	0.6	0.5	1.3	4.8	1.6	1.6	0.9
12	1.1	0.2	0.9	3.0	0.4	0.6	0.6	1.1	3.4	2.0	b 1.6	0.1
13	0	0.1	0.6	3.5	0.3	0.7	1.0	0.9	0.7	2.4	1.6	1.3
14	0	0.1	0.5	3.0	0.3	0.8	1.2	0.9	0.3	2.9	1.8	1.1
15	0	0.6	0.3	2.5	0.3	0.8	1.2	1.1	d 0.3	1.6	1.8	0.1
16	0	94	0.3	2.0	0.3	0.9	1.1	1.1	0.9	1.3	2.0	+
17	0	873	0.3	1.5	0.3	1.0	1.0	0.7	0.2	1.1	2.0	0
18	0	98	0.3	1.0	0.3	1.0	0.9	2.0	1.1	0.9	b 2.0	0.1
19	0	1.3	0.3	1.0	0.4	0.9	0.7	4.8	1.1	0.9	2.0	1.6
20	0	1.2	0.3	1.0	0.4	0.8	0.6	2.4	d 0.9	1.3	2.4	2.9
21	0	1.0	0.3	1.0	0.5	0.6	0.6	2.4	d 0.7	0.4	2.0	1.1
22	0.4	1,070	0.3	1.0	0.5	0.4	0.5	1.6	0.4	0.9	1.3	1.3
23	1.1	500	0.3	1.0	0.5	0.3	0.4	2.0	0.4	1.6	1.3	1.6
24	1.8	1,240	0.3	1.0	0.5	0.3	0.6	2.0	d 0.4	1.3	0.5	0
25	1.3	90	0.3	1.0	0.4	0.3	0.5	1.3	0.4	1.3	0.9	0.2
26	0	19	0.3	1.0	0.4	0.3	0.5	1.1	d 0.5	1.6	1.1	0.4
27	0.6	v 1.0	0.3	1.0	0.4	0.3	0.4	1.1	0.5	2.0	2.0	+
28	0.1	1.0	v 0.3	1.0	v 0.3	0.3	0.4	2.0	0.7	2.0	2.4	0.9
29	+	1.0	3,200	v 1.0		0.3	0.4	2.9	d 0.9	2.9	0.9	1.3
30	0.4	v 1.0	345	34		0.3	0.5	2.4	1.1	d 2.9	1.6	0.2
31	0.3		v 10	v 1.0		v 0.3		2.0		d 2.9	1.1	
	13.6	3,993.8	3571.4	99.4	84.0	15.4	15.7	45.4	45.5	50.7	56.5	24.8
MEAN	0.44	134.	115.	3.21	3.00	0.50	0.52	1.46	1.52	1.64	1.82	0.82
ACRE-FEET	27.	7,960.	7,080.	197.	167.	31.	31.	90.	90.	100.	112.	49.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 22.0
ACRE-FEET 15,940.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F92-R

Daily discharge, in second-feet of SANTA CLARA RIVER at old Highway Bridge, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	0.5	d 0.1	d 0.1	d 0.5	d 0.2	32	d 0.1	d 2.0	d 3.0	d 2.0	d 0.5
2	0.1	0.2	d 0.1	0.1	0.5	0.2	d 4.0	0.1	2.0	3.0	2.0	0.5
3	0.1	0.2	235	0.2	0.1	0.2	1.0	0.1	2.0	3.0	2.0	1.0
4	0.1	0.2	d 5.0	0.2	0.1	0.2	4.0	0.1	2.0	3.5	2.0	1.0
5	0.5	0.1	164	0.2	0.1	0.2	1.0	0.1	2.0	3.5	2.0	2.0
6	0.5	+	697	0.2	0.1	0.2	1.0	0.1	2.0	3.5	2.0	2.0
7	0.4	334	100	0.2	0.1	0.2	8.0	0.1	2.5	3.5	2.0	2.0
8	0.4	0.4	4.0	0.2	0.1	0.2	1.0	0.1	2.5	3.5	2.0	2.0
9	0.3	d 0.2	2.0	0.1	0.1	0.2	1.0	1.0	2.5	3.5	2.0	2.0
10	0.5	0.2	1.0	0.1	0.1	0.2	d 8.0	2.0	2.0	3.5	2.0	2.0
11	0.3	0.1	d 0.1	0.1	0.1	d 0.2	88	1.5	2.0	3.5	2.0	1.5
12	0.2	0.1	0.1	0.1	0.1	23	d 1.0	1.5	2.0	3.5	2.0	1.5
13	0.1	0.1	0.1	0.1	0.1	128	1.0	1.5	1.5	3.5	2.0	1.5
14	0.1	0.1	0.1	0.1	0.1	d 0.5	1.0	1.5	1.5	3.5	3.0	1.5
15	0.2	0.1	0.1	0.1	0.1	0.2	1.0	1.5	1.5	3.5	3.0	1.5
16	0.2	0.1	0.1	0.1	0.1	0.2	1.0	1.0	1.5	3.5	3.0	1.5
17	+	0.1	0.1	0.1	0.1	0.2	d 1.0	2.0	1.5	3.5	3.0	1.5
18	+	0.1	0.1	0.1	0.1	0.2	37	3.0	1.5	3.5	3.0	2.0
19	+	0.1	0.1	0.1	0.1	0.2	20	2.0	2.0	3.5	2.0	2.0
20	0.1	0.5	0.1	0.1	0.1	0.2	d 2.0	3.0	2.0	3.5	2.0	2.0
21	0.1	0.1	0.1	d 0.1	0.1	0.3	d 8.0	1.0	2.0	3.5	2.0	2.0
22	0.1	0.1	0.1	273	0.1	0.3	67	3.0	2.0	3.5	1.0	2.0
23	0.2	0.1	0.1	4.0	0.1	0.3	8.0	0.5	2.0	3.5	1.0	2.0
24	0.5	0.1	0.1	820	0.1	0.3	4.0	0.1	2.0	3.5	1.0	2.0
25	+	0.1	0.1	94	0.1	0.3	d 1.0	2.0	2.0	3.5	1.0	2.0
26	0.1	0.1	0.1	d 1.0	0.1	0.3	1.0	2.0	3.0	3.5	1.0	2.0
27	0.1	0.1	0.1	1.5	0.2	0.2	1.0	2.0	3.0	3.5	1.0	2.0
28	0.2	0.1	0.1	1.0	d 0.2	0.2	4.0	2.0	3.0	3.5	0.5	2.0
29	2.9	0.1	0.1	0.5		0.2	1.0	2.0	3.0	3.0	0.5	2.0
30	2.0	d 0.1	0.1	2.0		d 0.2	d 0.5	2.0	d 3.0	d 3.0	d 0.5	d 2.0
31	0.7		d 0.1	d 1.5		34		d 2.0		d 3.0	d 0.5	
	11.0	338.4	1210.3	1201.2	3.8	191.5	309.5	40.9	63.5	105.5	55.0	51.5
MEAN	0.36	11.3	39.0	38.7	0.14	6.18	10.3	1.32	2.12	3.41	1.78	1.72
ACRE-FEET	22.	671.	2,400.	2,380.	7.5	380.	614.	81.	126.	209.	109.	102.

Remarks:

YEAR OR PERIOD MEAN 9.81
ACRE-FEET 7,100.

STATION V309-R

SANTA CLARA RIVER at Blue Cut

LOCATION: LAT. 34°23'59", LONG. 118°42'14", ON THE RIGHT (NORTH) BANK, 0.8 MILE WEST OF LOS ANGELES COUNTY LINE. ELEVATION OF ZERO GAGE HEIGHT 794.93 FEET.

DRAINAGE AREA: 644 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SHIFTING SAND AND GRAVEL. CONTROL- NONE.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING, HIGH FLOWS FROM A CABLEWAY AT THE STATION. (CABLE WASHED OUT DECEMBER 29, 1965.)

RECORDS AVAILABLE: OCTOBER 1952 TO SEPTEMBER 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 32,000 SECOND-FEET DECEMBER 29. (BY SLOPE AREA METHOD)
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 6,530. SECOND-FEET JANUARY 24.
MINIMUM: 0.1 SECOND-FOOT, SEVERAL DAYS IN OCTOBER.

1952-67
MAXIMUM: 32,000.SECOND-FEET ESTIMATED DECEMBER 29, 1965.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: FAIR.

OPERATION: RECORDS FURNISHED BY VENTURA COUNTY WATER RESOURCES. TWENTY-SIX DISCHARGE MEASUREMENTS FURNISHED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

REMARKS: AVERAGE DISCHARGE FOR 15 YEARS - 17.2 SECOND-FEET FLOW AT STATION AFFECTED BY PUMPING FROM WELLS ALONG STREAM FOR IRRIGATION ABOVE STATION.

76D74M GIb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. V309-R

Daily discharge, in second-feet of SANTA CLARA RIVER at Blue Cut, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	7.6	142	27	16	7.6	4.6	2.4	1.0	0.8	0.1
2	0	0	7.2	130	24	16	7.2	4.3	2.4	0.9	0.8	0.3
3	0	0	7.2	98	20	16	7.2	4.0	2.4	0.7	0.8	0.2
4	0	0.1	6.8	72	25	16	7.6	3.4	2.0	0.7	0.7	0
5	0	0.1	6.4	54	25	17	7.6	3.1	1.4	0.7	0.7	0.3
6	0	0	5.6	44	74	18	6.8	3.1	2.0	0.7	0.7	0.6
7	0	0	5.0	37	49	19	6.8	3.1	2.0	0.8	0.7	0.4
8	0	0.1	4.6	37	48	20	6.0	3.1	1.8	0.7	0.6	0.3
9	0	0.1	5.0	39	46	21	5.6	3.1	1.6	0.7	0.8	0.2
10	0	0.2	5.0	36	45	20	5.0	3.1	1.6	0.8	0.8	0.2
11	0	0.3	4.3	35	42	19	4.3	2.9	1.6	0.9	0.8	0.3
12	0	0.4	4.3	30	40	17	4.6	2.6	1.4	1.0	0.8	0.3
13	0	0.8	4.0	28	35	16	4.6	2.4	1.3	1.0	0.8	0.3
14	0	1.0	4.3	28	33	16	5.0	2.4	1.4	0.7	0.8	0.3
15	0	1.6	4.6	28	33	16	5.0	2.2	1.4	0.6	0.8	0.3
16	0	5.8	4.6	22	35	16	4.6	1.8	1.3	0.7	0.8	0.2
17	0	1,500	4.6	23	30	14	4.6	1.8	1.3	0.7	0.9	0.2
18	0	213	4.3	21	29	13	4.6	2.0	1.4	0.6	1.0	0.2
19	0	5.3	4.0	26	28	12	4.6	2.2	1.4	0.6	0.9	0.3
20	0	3.4	3.4	25	23	12	4.6	2.0	1.3	0.7	0.9	0.3
21	0	2.2	3.1	24	25	12	4.3	2.0	1.3	0.8	0.7	0.3
22	0	2,250	3.1	23	28	9.6	4.6	2.0	1.3	0.8	0.7	0.3
23	0	1,140	3.1	23	24	10	5.3	2.0	1.3	0.9	0.6	0.3
24	0	2,730	3.1	21	23	9.6	5.3	2.0	1.6	0.9	0.6	0.3
25	0	88	3.4	22	19	10	5.3	1.8	1.3	0.9	0.2	0.3
26	0	16	3.7	21	18	9.6	5.3	2.0	1.1	1.0	0.2	0.3
27	0	11	3.7	23	18	9.6	5.4	2.0	1.0	1.0	0.2	0.2
28	0	9.6	3.7	23	17	9.6	5.5	2.0	1.1	1.0	0.2	0.1
29	0	9.1	7,960	22		9.1	5.3	2.0	1.0	1.0	0.1	0.3
30	0	7.6	741	52		9.1	5.0	1.8	1.1	1.1	0.1	0.3
31	0		198	37		8.6		2.0		1.0	0.1	
	0	7,995.7	9,028.7	1,246	883	436.8	165.2	78.8	45.5	25.6	19.6	8.0
MEAN	0	267.	291.	40.2	31.5	14.1	5.51	2.54	1.52	0.83	0.63	0.27
ACRE-FEET	0	15,860.	17,910.	2,470.	1,750.	866.	328.	156.	90.	51.	39.	16.

Remarks:

YEAR OR PERIOD MEAN 54.6
ACRE-FEET 39,540.

760704 Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. V309-R

Daily discharge, in second-feet of SANTA CLARA RIVER at Blue Cut, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.30	0.70	1.6	8.6	65	28	125	185	45	15	4.0	5.0
2	0.30	0.80	2.4	8.6	48	30	125	193	45	15	4.0	5.0
3	0.30	0.90	208	8.6	52	32	116	179	45	15	4.0	5.0
4	0.30	1.0	12	10	39	34	97	155	45	14	4.0	5.0
5	0.60	1.1	157	10	43	32	143	167	43	14	4.0	5.0
6	0.60	1.3	1,150	9.3	43	30	102	173	41	13	4.5	4.5
7	0.20	266	149	8.6	43	28	102	137	39	12	4.5	4.5
8	0.20	6.8	32	7.9	45	26	75	125	38	11	4.5	4.5
9	0.10	2.9	9.3	7.9	45	26	48	111	37	11	4.5	4.0
10	0.20	2.6	5.8	7.9	43	26	55	106	36	10	4.5	4.0
11	0.20	2.6	5.8	7.2	41	39	116	102	35	8.6	5.0	3.0
12	0.20	2.4	5.1	5.8	55	143	116	92	34	7.9	5.0	3.0
13	0.20	2.4	4.4	5.8	45	482	167	80	33	7.7	5.0	3.0
14	0.10	2.2	4.4	8.6	37	225	116	72	33	7.3	5.0	3.0
15	0.10	2.2	3.7	8.6	32	149	149	65	33	7.0	5.0	3.0
16	0.10	2.2	5.1	10	24	106	143	58	30	7.0	5.1	3.0
17	0.10	2.2	6.5	9.3	21	125	116	54	24	7.0	5.1	3.0
18	0.10	2.2	6.5	7.2	28	92	201	53	23	7.0	5.8	3.0
19	0.10	2.2	6.5	8.6	30	58	185	52	21	6.5	6.0	3.0
20	0.10	2.2	6.5	9.3	26	58	111	51	20	6.5	6.0	3.0
21	0.20	1.8	8.6	8.6	26	92	217	48	18	6.0	6.0	3.0
22	0.20	1.6	7.2	770	37	48	620	48	18	5.5	6.0	3.0
23	0.10	1.4	5.1	376	34	37	450	48	18	5.0	6.0	3.0
24	0.10	1.4	5.1	1,850	34	32	422	48	17	4.6	6.0	3.7
25	0.20	1.4	5.1	793	45	37	337	48	17	4.5	5.8	4.4
26	0.20	1.4	5.1	193	39	43	319	48	16	4.0	5.8	3.7
27	0.30	1.6	5.1	137	30	62	155	48	16	4.0	5.8	3.0
28	0.50	1.8	5.8	116	30	62	257	48	16	4.0	5.6	2.6
29	0.60	1.6	7.9	83		48	233	48	15	4.0	5.0	2.3
30	0.60	1.6	8.6	62		48	209	48	15	4.0	5.0	1.8
31	0.60		8.6	43		149		45		4.0	5.0	
	8.00	322.50	1,853.8	4,599.4	1,080	2,427	5,627	2,735	866	252.1	157.5	107.0
MEAN	0.258	10.8	59.8	148.	38.6	78.3	188.	88.2	28.9	8.13	5.08	3.57
ACRE-FEET	169.	640.	3,680.	9,120.	2,140.	4,810.	11,160.	5,420.	1,720.	500.	312.	212.

Remarks:

YEAR OR PERIOD MEAN 54.9
ACRE-FEET 39,740.

STATION F280-R

SANTA FE CHANNEL below Santa Fe Dam

LOCATION: LAT. 34°06'46", LONG. 117°58'14", ON THE LEFT (SOUTH) BANK, 400 FEET DOWNSTREAM OF THE STILLING BASIN OUTLET OF DAM AND 1.5 MILES NORTH OF BALDWIN PARK. ELEVATION OF ZERO GAGE HEIGHT 401.94 FEET.

DRAINAGE AREA: (CONTROLLED)

CHANNEL AND CONTROL: CHANNEL - SAND AND GRAVEL.
CONTROL - CONCRETE STABILIZER, 3 FEET WIDE, 10 FEET BELOW STATION.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE ABOVE CONTROL.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965, TO SEPTEMBER 30, 1967.

REGULATION: FLOW REGULATED BY 5 GATED OPENINGS OF STILLING BASIN OUTLET OF SANTA FE DAM.

RECORDS AVAILABLE: OCTOBER 1, 1942, TO MAY 12, 1944 (FLOW COMPUTED BY GATE OPENINGS AND MEASUREMENTS); MAY 12, 1944 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 425. SECOND-FEET JANUARY 7.
MINIMUM: NO FLOW MOST OF YEAR.

1966-67
MAXIMUM: 236. SECOND-FEET DECEMBER 18.
MINIMUM: NO FLOW PART OF YEAR.

1943-67
MAXIMUM: 839. SECOND-FEET NOVEMBER 3, 1952.
MINIMUM: NO FLOW MOST OF EACH YEAR.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES CORPS OF ENGINEERS AND THE UNITED STATES GEOLOGICAL SURVEY.

TSD74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F280-R

Daily discharge, in second-feet of SANTA FE CHANNEL below Santa Fe Dam, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	19.6	0	348	0	0	0	0.04	0	0	0
2	0	0	55	0	244	0	0	0	0.03	0	0	0
3	0	0	67	10.5	62	0	0	0	0.01	0	0	0
4	0	0	76	30	0.4	0	0.7	0	0	0	0	0
5	0	0	76	30	0.4	0	0.7	0	0	0	0	0
6	0	0	78	29	0.5	0	0.7	0	0	0	0	0
7	0	0	83	257	0.7	0	0.7	0	0	0	0	0
8	0	0	83	275	0.9	0	0.6	0	0	0	0	0
9	0	0	29	241	0.9	0	0.6	0	0	0	0	0
10	0	0	0	173	0.8	0	0.6	0	0	0	0	0
11	0	0	0	134	0.8	0	0.6	0	0	0	0	0
12	0	0	0	137	0.9	0	0.03	0	0	0	0	0
13	0	0	0	116	0.9	0	0.02	0	0	0	0	0
14	0	0	0	76	0.9	0	0	0	0	0	0	0
15	0	0	0	76	3.6	0	0	0	0	0	0	0
16	0	0	0	76	8.4	0	0	0	0	0	0	0
17	0	0	0	76	14.0	0	0	0	0	0	0	0
18	0	0	0	76	18.6	0	0	0	0	0	0	0
19	0	0	0	76	18.6	0	0	0	0	0	0	0
20	0	0	0	77	18.6	0	0	0.03	0	0	0	0
21	0	0	0	76	4.8	0	0	0.03	0	0	0	0
22	0	0	0	76	a 0.3	0	0	0.04	0	0	0	0
23	0	0	0	75	a 0.2	0	0	0.07	0	0	0	0
24	0	0	0	76	a 0.05	0	0	0.1	0	0	0	0
25	0	0	0	56	+	0	0	0.1	0	0	0	0
26	0	0	0	19.7	0	0	0	0.1	0	0	0	0
27	0	0	0	0	0	0	0	0.1	0	0	0	0
28	0	0	0	0	0	0	0	0.02	0	0	0	0
29	0	0	0	0		0	0	0	0	0	0	0
30	0	0	0	0		0	0	0	0	0	0	0
31	0		0	138		0		0.02		0	0	
	0		566.6		749.25		5.25		0.08		0	
		0		2482.2		0		0.61		0		0
MEAN	0	0	18.3	80.1	26.8	0	0.18	0.02	+	0	0	0
ACRE-FEET	0	0	1,120.	4,920.	1,490.	0	10.	1.2	0.2	0	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 10.4
ACRE-FEET 7,540.

TSD74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F280-R

Daily discharge, in second-feet of SANTA FE CHANNEL below Santa Fe Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	74	0.2	1.0	38	41	0	0	0
2	0	0	0	0	21	0.3	1.0	37	41	0	0	0
3	0	0	0.05	0	1.1	0.2	0.9	36	41	0	0	0
4	0	0	0.2	0	1.1	0.2	0.9	36	41	0	0	0
5	0	0	0.2	0	1.0	0.2	0.9	36	40	0	0	0
6	0	0	0.2	0	0.9	0.1	0.9	36	40	0	0	0
7	0	a 0.1	0.2	0	0.8	0.09	0.9	36	40	0	0	0
8	0	+	63	0	2.0	0.05	0.8	35	40	0	0	0
9	0	+	156	0	1.5	0.04	0.8	35	40	0	0	0
10	0	+	156	0	0.2	0.04	0.8	35	40	0	0	0
11	0	0	155	0	0.4	0.05	0.9	27	40	0	0	0
12	0	0	190	0	1.3	0.09	0.9	20	40	0	0	0
13	0	0	220	0	0.9	0.1	0.9	19.6	39	0	0	0
14	0	0	205	0	0.5	0.3	0.9	19.6	38	0	0	0
15	0	0	167	0	0.3	0.4	0.9	22	33	0	0	0
16	0	0	171	0	0.1	0.4	0.9	27	33	0	0	0
17	0	0	221	0	0	79	0.9	32	33	0	0	0
18	0	0	227	0	0	136	0.9	25	33	0	0	0
19	0	0	224	0	0	136	0.9	20	28	0	0	0
20	0	0	223	0	0	171	0.9	20	16.6	0	0	0
21	0	0	221	0	+	215	0.9	20	12.6	0	0	0
22	0	0	221	0.04	0.3	202	40	20	3.1	0	0	0
23	0	0	204	0.01	0.3	164	73	20	1.0	0	0	0
24	0	0	164	0.06	0.3	95	96	21	0.3	0	0	0
25	0	0	121	+	0.3	1.4	148	41	0	0	0	0
26	0	0	91	0	0.3	1.4	148	51	0	0	0	0
27	0	0	35	79	0.3	1.3	109	42	0	0	0	0
28	0	0	0	119	0.2	1.3	61	41	0	0	0	0
29	0	0	0.6	119		1.2	39	41	0	0	0	0
30	0	0	0.07	118		1.1	39	41	0	0	0	0
31	0		0	104		1.0		41		0	0	
	0		3,436.52		109.1		771.8		754.6		0	
		0.1		539.11		1,209.46		971.2		0		0
MEAN	0	+	111.	17.4	3.90	39.0	25.7	31.3	25.2	0	0	0
ACRE-FEET	0	0.2	6820.	1,070.	216.	2,400.	1,530.	1,930.	1,500.	0	0	0

Remarks:

YEAR OR PERIOD MEAN 21.3
ACRE-FEET 15,470.

STATION F125-R

SANTIAGO CREEK above Little Rock Creek

LOCATION: LAT. 34°28'02", LONG. 118°01'17", ON THE RIGHT (SOUTH) BANK, 1,000± FEET ABOVE LITTLE ROCK CREEK AND 4.5± MILES SOUTH OF LITTLE ROCK. ELEVATION OF ZERO GAGE HEIGHT 3,280.

DRAINAGE AREA: 11.2 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND, GRAVEL AND BOULDERS.
CONTROL - CONCRETE AND RUBBLE WALL (BUILT APRIL, 1960).

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; NO FACILITY FOR HIGH FLOW MEASUREMENTS, (CABLE REMOVED FALL 1966).

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1,1965 TO SEPTEMBER 30,1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: SEPTEMBER 29, 1953 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 269. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW PART OF YEAR.

1966-67
MAXIMUM: 56 SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW PART OF YEAR

1953-67
MAXIMUM: 269 SECOND-FEET DECEMBER 29, 1965.
MINIMUM: NO FLOW PART OF EACH YEAR.

ACCURACY: GOOD

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

FDD 7 6M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F125-R

Daily discharge, in second-feet of SANTIAGO CREEK above Little Rock Creek, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	1.6	13	b 0.9	a 1.2	0.6	0.2	+	0	0	0
2	0	0	1.6	b 9.5	b 0.9	a 1.2	0.6	0.2	+	0	0	0
3	0	0	1.5	6.6	0.9	1.0	0.6	0.2	+	0	0	0
4	0	0	1.4	5.0	0.8	1.0	0.6	0.1	0	0	0	0
5	0	0	1.2	4.0	0.8	1.0	0.6	0.1	0	0	0	0
6	0	0	1.2	3.5	6.3	1.0	0.6	0.1	0	0	0	0
7	0	0	0.9	3.0	5.1	1.0	0.6	0.1	0	0	0	0
8	0	0	0.8	2.8	3.5	1.0	0.6	0.1	0	0	0	0
9	0	0	0.9	2.5	3.2	1.0	0.6	0.1	0	0	0	0
10	0	0	0.9	2.3	2.9	1.2	0.6	0.1	0	0	0	0
11	0	0	0.9	2.2	2.9	1.2	0.6	0.1	0	0	0	0
12	0	0	0.9	2.2	2.4	1.2	0.6	0.1	0	0	0	0
13	0	0	0.9	2.1	2.1	1.2	0.6	0.1	0	0	0	0
14	0	0	0.9	2.0	2.1	1.2	0.6	0.1	0	0	0	0
15	0	0	1.0	2.0	b 1.8	1.2	0.4	0.1	0	0	0	0
16	0	0	1.2	1.9	1.8	a 1.2	0.4	0.1	0	0	0	0
17	0	0	1.0	1.9	1.8	1.1	0.4	0.1	0	0	0	0
18	0	0	1.0	1.8	b 1.8	1.1	0.3	0.1	0	0	0	0
19	0	0	1.0	1.8	1.8	1.0	0.3	0.1	0	0	0	0
20	0	0	1.0	1.8	2.1	1.0	0.3	0.1	0	0	0	0
21	0	0	1.0	1.6	2.1	0.9	0.3	0.1	0	0	0	0
22	0	10	1.0	1.4	1.8	0.9	0.3	+	0	0	0	0
23	0	29	1.0	1.3	1.5	0.8	0.3	0.1	0	0	0	0
24	0	16	1.0	1.2	a 1.5	0.7	0.3	0.1	0	0	0	0
25	0	11	1.0	1.1	1.4	0.7	0.3	+	0	0	0	0
26	0	7.5	1.0	1.1	1.4	0.7	0.2		0	0	0	0
27	0	5.1	1.0	1.1	1.3	0.6	0.2		0	0	0	0
28	0	4.6	1.2	1.1	a 1.3	0.6	0.3	+	0	0	0	0
29	0	3.2	78	1.0		a 0.6	0.3	0	0	0	0	0
30	0	2.1	59	1.0		0.6	0.3	+	0	0	0	0
31	0		22	b 0.9		0.6		+		0	0	
	0	89.5	189.0	84.7	58.2	29.7	13.3	2.6	+	0	0	0
MEAN	0	2.98	6.10	2.73	2.08	0.96	0.44	0.08	+	0	0	0
ACRE-FEET	0	178.	375.	168.	115.	59.	26.	5.2	+	0	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 1.28
ACRE-FEET 926.

76D764M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F125-R

Daily discharge, in second-feet of SANTIAGO CREEK above Little Rock Creek, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0.4	a 2.9	0.9	1.4	6.1	1.8	b 0.3	0	0
2	0	0	0	0.4	a 2.4	0.8	1.5	5.6	1.8	0.3	0	0
3	0	0	0	0.4	a 1.8	0.8	1.6	5.6	1.6	0.3	0	0
4	0	0	0	a 0.4	2.4	0.8	2.4	5.1	1.5	0.2	0	0
5	0	0	+	0.4	1.3	0.6	2.6	5.6	1.2	b 0.2	0	0
6	0	0	33	0.4	1.5	0.6	2.4	5.6	1.2	0.2	0	0
7	0	0	17	0.4	1.4	0.6	2.9	5.1	1.2	0.1	0	0
8	0	0	5.1	0.3	1.4	0.6	2.9	5.1	1.2	0.1	0	0
9	0	0	3.9	0.3	1.4	0.6	2.6	5.6	1.4	+	0	0
10	0	0	1.6	a 0.5	1.4	0.6	2.9	5.6	1.2	+	0	0
11	0	0	1.5	0.3	1.0	1.2	3.8	5.6	1.2	+	0	0
12	0	0	1.2	0.3	0.9	2.4	3.5	4.6	1.2	+	0	0
13	0	0	0.9	0.3	0.8	4.6	3.5	4.0	1.0	+	0	0
14	0	0	0.6	0.3	0.8	5.6	3.5	3.5	0.9	0.2	1.4	0
15	0	0	0.6	0.3	0.8	3.8	3.9	3.2	0.6	0.1	0.4	0
16	0	0	0.6	a 0.3	0.8	e 3.4	3.8	2.9	0.4	+	0.1	0
17	0	0	0.6	a 0.3	0.8	3.1	3.5	2.9	0.4	+	0	0
18	0	0	0.6	0.3	0.5	2.8	4.0	2.6	0.4	+	0	0
19	0	0	0.4	0.3	0.8	2.5	4.0	2.6	0.4	0	0	0
20	0	0	0.6	0.3	0.8	2.2	4.0	2.4	0.4	0	0	0
21	0	0	0.6	0.3	0.8	1.9	5.1	2.6	0.4	0	0	0
22	0	0	0.6	2.3	0.8	1.7	6.1	2.6	0.3	0	0	0
23	0	0	0.6	3.5	0.9	1.6	6.6	2.4	0.3	0	0	0
24	0	0	0.4	5.2	0.9	1.5	7.5	2.4	0.3	0	0.1	0
25	0	0	0.4	9.0	1.2	1.4	8.0	2.4	0.3	0	+	0
26	0	0	0.3	a 7.5	1.2	1.3	7.5	2.1	0.3	0	0	0
27	0	0	0.3	7.0	0.9	1.2	7.5	2.1	0.3	0	0	0
28	0	0	0.3	5.6	0.9	1.1	7.5	1.8	0.3	0	0	0
29	0	0	0.3	4.6		1.0	7.0	1.8	0.3	0	0	0
30	0	0	0.4	4.0		e 1.2	6.1	1.6	0.3	0	0	0
31	0		0.4	a 3.8		1.4		1.8		0	0	
	0	0	76.3	59.5	34.2	53.8	129.5	112.9	24.1	2.0	2.0	0
MEAN	0	0	2.48	1.92	1.22	1.74	4.32	3.64	0.80	0.06	0.06	0
ACRE-FEET	0	0	152.	118.	68.	107.	257.	224.	48.	4.0	4.0	0

Remarks:

YEAR OR PERIOD MEAN 1.37
ACRE-FEET 982.

STATION F 278-R

SAWPIT CREEK below Sawpit Dam

LOCATION: LAT. 34°10'28", LONG. 117°59'16", ON THE RIGHT (NORTH) BANK, 500± FEET BELOW DAM AND 2.5± MILES NORTH OF MONROVIA. ELEVATION OF ZERO GAGE HEIGHT 1,199.27.

DRAINAGE AREA: 3.3 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - SAND AND GRAVEL.
CONTROL - BROAD-CRESTED WEIR.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SAWPIT DAM.
DIVERSION - SPILLWAY ENTERS CREEK BELOW STATION; CITY OF MONROVIA - FROM ABOVE DAM.

RECORDS AVAILABLE: FEBRUARY 6, 1942 TO SEPTEMBER 30, 1967; DAM OUTFLOW RECORDS AVAILABLE FROM OCTOBER 1, 1931.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 54 SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 240. SECOND-FEET DECEMBER 6.
MINIMUM NO FLOW AT VARIOUS TIMES.

1942-67
MAXIMUM: 665 SECOND-FEET ESTIMATED MARCH 2, 1938(BASED ON DAM OPERATION RECORDS INCLUDING SPILLWAY FLOW WHICH BY-PASSED STATION).
MAXIMUM: 400 SECOND-FEET MAY 12, 1964.
MINIMUM: NO FLOWS VARIOUS TIMES EACH YEAR.

ACCURACY: GOOD

OPERATION: LOCATED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F278-R

Daily discharge, in second-feet of SAWPIT CREEK below Sawpit Dam, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	4.8	24	4.3	3.1	1.7	1.3	1.0	0	0.2	0
2	0	0	4.8	11.8	4.2	3.0	1.7	1.2	1.0	0	0.2	0
3	0	0	4.3	11.0	4.0	2.9	1.6	1.2	1.0	0	0.1	0
4	0	0	3.7	10.2	3.9	2.8	1.5	1.3	0.9	0	0.1	0
5	0	0	3.6	9.9	3.9	2.9	1.4	a 1.3	0.9	0	0.1	0
6	0	0	3.4	9.6	7.7	3.0	1.2	1.3	0.8	0	0.1	0
7	0	0	3.3	9.1	7.7	3.0	1.2	1.3	0.8	0	0.04	0
8	0	0	3.0	8.6	6.1	3.1	1.0	2.6	1.0	0	0.04	0
9	0	0	4.3	9.5	5.5	3.0	1.2	2.0	1.0	0	0.04	0
10	0	0	4.8	3.2	5.2	3.1	1.4	1.8	0.9	0	0.04	0
11	0	0	3.5	8.0	4.7	2.9	1.4	a 1.7	0.8	0	0.04	0
12	0	0	4.4	7.6	4.4	2.9	1.7	1.7	0.7	0	0.04	0
13	0	0	3.9	7.3	4.1	2.7	1.7	1.6	0.7	0	0.04	0
14	0	0	3.8	7.1	3.8	2.6	1.6	1.5	0.6	0	0.04	0
15	0	0.4	3.4	6.8	3.6	2.5	1.6	1.3	0.6	0	0.04	0
16	0	b 1.3	3.2	6.4	3.5	2.4	1.6	1.2	0.6	+	0.04	0
17	0	30	3.0	6.0	3.4	2.4	1.6	1.1	0.6	0.5	0.3	0
18	0	23	2.9	5.9	3.3	2.4	1.8	0.9	0.6	0.4	0.2	0
19	0	4.1	2.8	6.0	3.3	2.4	1.7	0.8	0.6	0.4	0.3	0
20	0	3.6	2.7	5.4	3.2	2.4	1.6	0.8	0.6	0.3	0.3	0
21	0	a 3.6	2.7	5.4	3.2	2.4	1.6	0.8	0.6	0.3	0	0
22	0	a 19.5	2.7	5.2	3.3	2.4	1.6	0.9	0.6	0.4	0	0
23	0	a 47	2.7	5.1	3.3	2.4	1.5	1.0	0.6	0.3	0	0
24	0	48	2.6	5.1	2.7	2.5	1.5	1.0	0.5	0.4	0	0
25	0	44	2.6	4.9	2.4	2.6	1.4	1.0	0.5	0.4	0	0
26	0	33	2.5	4.8	2.5	2.4	1.4	1.1	0.5	0.4	0	0
27	0	8.6	2.4	4.6	2.7	2.0	1.4	1.2	0.5	0.5	0	0
28	0	7.2	2.4	4.3	2.8	1.9	1.4	1.2	0	0.5	0	0
29	0	6.3	31	4.1		1.8	1.4	1.0	0	0.4	0	0
30	0	6.0	46	5.6		1.9	1.4	1.0	0	0.4	0	0
31	0		42	4.3		1.8		1.0		0.3	0	
	0	285.7	213.2	230.8	112.7	79.6	44.8	39.1	19.5	5.9	2.30	0
MEAN	0	9.22	6.88	7.45	4.02	2.57	1.49	1.26	0.65	0.19	0.07	0
ACRE-FEET	0	567.	423.	458.	224.	158.	89.	78.	39.	12.	4.6	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 2.83
ACRE-FEET 2,050.

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F278-R

Daily discharge, in second-feet of SAWPIT CREEK below Sawpit Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0.1	0.2	4.1	8.4	4.2	a 4.9	7.8	5.6	4.1	3.4	2.7
2	0	0.1	0.6	3.9	8.0	4.1	5.0	7.8	5.6	4.1	3.4	2.8
3	0	0.1	47.0	3.7	7.6	4.2	5.2	7.8	5.3	4.1	3.5	2.8
4	0	0.1	21.0	a 3.7	7.4	4.3	5.3	8.0	5.0	4.1	a 3.4	2.7
5	0	0.1	27.0	3.6	7.1	4.1	5.4	8.0	4.8	4.0	3.4	2.6
6	0	0.1	142	3.6	7.0	3.9	a 5.5	7.8	4.8	3.9	3.3	2.6
7	0	5.8	70	3.5	6.9	3.8	5.6	7.4	4.8	3.8	3.3	2.4
8	0	2.7	31	3.5	6.8	3.7	5.2	7.3	4.9	3.8	3.2	2.5
9	0	1.2	19.6	3.4	6.5	3.6	4.9	7.2	4.9	3.7	3.2	2.4
10	0	1.0	15.0	3.4	6.5	3.6	4.8	7.4	5.1	3.6	3.1	2.4
11	0	1.0	12.2	3.3	6.1	4.2	10.2	7.2	5.1	3.4	3.1	2.2
12	0	0.9	10.9	a 3.3	5.7	7.4	6.7	7.0	5.7	3.4	3.0	2.3
13	0	0.6	9.7	3.3	5.3	17.0	6.3	6.9	5.6	3.4	3.0	2.2
14	0	0.6	8.9	3.4	5.3	11.3	6.2	6.6	5.7	3.4	2.9	2.2
15	0	0.5	8.2	3.2	4.9	7.6	6.0	6.5	a 5.5	3.4	2.9	2.1
16	0	0.4	a 5.6	3.1	4.6	6.5	5.8	6.3	5.5	3.4	2.8	2.1
17	b 0.1	0.4	7.5	3.0	4.5	6.5	5.7	6.3	5.3	3.4	2.8	2.1
18	b 0.1	0.4	8.6	2.9	4.5	6.4	8.2	a 6.3	5.1	3.3	2.7	2.3
19	b 0.1	0.3	6.3	2.9	4.4	6.4	8.7	6.2	5.1	3.3	2.7	2.4
20	0.1	0.3	4.8	3.0	4.3	6.3	8.0	6.2	4.9	3.3	2.6	2.3
21	0.1	0.3	5.6	3.1	4.2	6.1	10.8	6.1	4.7	3.3	2.6	2.3
22	0.2	0.2	5.2	12.6	4.3	5.7	16.6	6.1	a 4.7	3.2	2.5	2.3
23	0.2	0.2	a 5.2	10.9	4.3	5.4	12.5	6.0	4.5	3.1	2.5	2.3
24	0.2	0.2	4.7	26	4.3	5.0	a 11.8	6.0	4.4	3.1	a 2.4	2.4
25	0.1	0.2	3.7	37	4.5	4.9	10.4	5.9	4.3	3.1	2.4	2.4
26	0.1	0.2	2.8	14.7	4.4	4.8	9.5	5.9	4.2	3.0	2.4	2.4
27	0.1	0.2	3.8	11.8	4.3	4.7	8.7	5.8	4.1	3.0	2.5	2.4
28	0.2	0.2	10.1	10.4	4.3	4.7	a 8.0	5.8	4.2	3.1	2.5	2.4
29	0.2	0.2	a 4.0	9.5		4.7	8.6	5.7	4.1	3.1	2.6	2.4
30	0.1	0.2	4.5	9.1		4.7	8.1	5.7	4.3	3.2	2.6	2.4
31	0.2		4.3	8.8		4.7		a 5.6		3.3	2.7	
	2.1	18.8	510.0	221.7	156.4	174.5	228.6	206.6	147.8	107.4	89.4	71.8
MEAN	0.07	0.63	16.5	7.15	5.59	5.63	7.62	6.66	4.93	3.46	2.88	2.39
ACRE-FEET	4.2	37.	1010.	440.	310.	346.	453.	410.	293.	213.	177.	142.

Remarks:

YEAR OR PERIOD MEAN 5.30
ACRE-FEET 3,840.

STATION U5–R

SAWPIT CREEK below Monrovia Canyon

LOCATION: LAT. 34°10'23", LONG. 117°59'18", ON THE LEFT (EAST) BANK, 0.1 MILE BELOW MONROVIA CREEK; ABOUT TWO MILES NORTH OF MONROVIA. ELEVATION OF ZERO GAGE HEIGHT 1,107.29.

DRAINAGE AREA: 5.3 SQUARE MILES.

CHANNEL AND CONTROL: CONCRETE SECTION, 33 FEET WIDE AND 15 FEET LONG WITH NOTCHES FOR LOW, INTERMEDIATE AND HIGH FLOWS.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - SAWPIT DAM.
DIVERSION - CITY OF MONROVIA FROM BOTH SAWPIT AND MONROVIA CANYONS (836. ACRE-FEET IN 1965–66 AND 1,139 ACRE-FEET IN 1966–67.

RECORDS AVAILABLE: NOVEMBER, 1916 TO SEPTEMBER, 1967.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 222. SECOND-FEET DECEMBER 29.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1966–67
MAXIMUM: 376. SECOND-FEET DECEMBER 7.
MINIMUM: PLUS FLOW AT VARIOUS TIMES

1916–67
MAXIMUM: 1,800. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW PART OF EACH YEAR.

ACCURACY: FAIR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE UNITED STATES GEOLOGICAL SURVEY UNTIL SEPTEMBER, 1961. OPERATION ASSUMED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT OCTOBER 1961.

YADT4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U5-R

Daily discharge, in second-feet of SAWPIT CREEK below Monrovia Canyon for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.01	0.02	16	33	5.0	3.7	0.5	0.5	0.05	0.04	0.4	0.05
2	0.01	0.02	14	22	4.5	3.4	0.6	0.4	0.05	0.04	0.3	0.05
3	0.01	0.02	12	17	4.2	3.9	0.8	0.3	0.05	0.04	0.3	0.04
4	0.01	0.02	11	14	4.2	3.1	0.6	0.3	0.05	0.03	0.3	0.04
5	0.01	0.02	11	11	3.7	2.8	0.3	0.3	0.05	0.02	0.3	0.05
6	0.01	0.02	7.1	8.4	9.7	2.9	0.4	0.3	0.05	0.02	0.3	0.03
7	0.01	0.03	5.0	6.1	9.3	2.6	0.3	0.3	0.08	0.02	0.3	0.03
8	0.03	0.02	4.9	6.6	7.5	2.7	0.2	0.3	0.08	0.02	0.3	0.03
9	0.03	0.02	7.8	6.8	7.2	2.5	0.3	1.4	0.1	0.02	0.3	0.02
10	0.03	0.02	8.6	7.3	5.8	2.6	0.3	2.0	0.2	0.02	0.2	0.02
11	0.03	0.02	6.6	8.0	5.0	2.2	0.5	0.6	0.2	0.02	0.2	0.02
12	0.03	0.1	7.7	8.2	4.6	2.4	2.0	0.3	0.2	0.02	0.2	0.02
13	0.03	0.3	6.8	7.2	4.3	2.2	1.2	0.3	0.3	0.02	0.2	0.02
14	0.04	0.4	6.7	7.2	3.9	2.1	0.5	0.4	0.6	0.02	0.2	0.03
15	0.04	1.2	5.8	7.0	3.6	2.2	0.6	0.5	0.6	0.02	0.2	0.02
16	0.04	4.5	5.4	6.7	3.1	2.2	0.8	0.6	0.7	0.02	0.2	0.02
17	0.05	63	5.3	7.0	2.3	2.3	0.7	0.7	0.7	0.1	0.1	0.02
18	0.04	38	5.2	6.7	2.4	2.4	0.6	0.7	0.6	0.2	0.1	0.1
19	0.03	9.9	3.8	6.4	3.3	2.8	0.9	0.8	0.5	0.2	0.1	0.04
20	0.02	6.8	3.6	6.0	3.4	2.2	0.5	0.7	0.4	0.1	0.2	0.04
21	0.02	5.7	3.6	5.2	3.2	1.9	0.3	0.7	0.4	0.1	0.2	0.03
22	0.02	58	3.8	5.3	3.1	2.0	0.4	0.6	0.4	0.1	0.2	0.02
23	0.02	83	3.3	5.3	4.0	1.8	0.5	0.4	0.4	0.2	0.2	0.02
24	0.02	67	2.9	5.3	3.9	3.0	0.6	0.3	0.3	0.3	0.2	0.03
25	0.01	59	3.4	4.3	4.1	3.2	0.7	0.3	0.3	0.3	0.2	0.05
26	0.01	45	2.6	3.7	4.0	1.4	0.8	1.0	0.3	0.3	0.2	0.05
27	0.01	26	2.4	3.8	4.0	1.1	0.9	1.2	0.2	0.4	0.1	0.05
28	0.01	23	3.0	3.4	3.9	1.0	1.1	0.2	0.1	0.4	0.1	0.1
29	0.01	20	59	3.2		2.6	0.9	0.2	0.08	0.4	0.08	0.1
30	0.01	18	65	6.3		2.6	1.0	0.1	0.04	0.4	0.08	0.1
31	0.01		46	5.0		1.1		0.2		0.4	0.05	
	0.66		349.3		127.2		19.8		8.08		6.31	
		529.13		253.4		74.9		16.9		4.29		1.24
MEAN	0.02	17.6	11.3	8.17	4.54	2.42	0.66	0.55	0.27	0.14	0.20	0.04
ACRE-FEET	1.3	1,050.	693.	503.	252.	149.	39.	34.	16.	8.5	13.	2.5

Remarks:

YEAR OR PERIOD MEAN 2.99
ACRE-FEET 2,760.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. U5-R

Daily discharge, in second-feet of SAWPIT CREEK below Monrovia Canyon, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	0.02	0.7	3.8	11	3.0	8.5	11	8.4	2.9	2.4	1.8
2	0.2	0.02	3.6	3.9	10	3.0	7.9	9.2	7.9	3.0	2.4	1.9
3	0.3	0.01	79	3.2	8.8	3.0	7.3	9.2	6.7	3.2	2.4	2.2
4	0.2	0.01	19	2.9	7.5	3.2	7.3	10	5.7	3.4	2.4	2.0
5	0.2	0.01	39	2.8	7.2	2.9	6.8	10	5.8	3.6	2.2	1.8
6	0.1	0.01	152	2.9	7.2	2.8	6.8	10	5.7	3.7	2.4	1.7
7	0.1	10	107	2.6	6.4	2.6	7.3	8.8	5.8	4.0	2.4	3.3
8	0.1	4.6	37	2.4	6.1	2.5	6.8	8.6	6.8	3.4	2.5	2.5
9	0.1	2.7	20	2.1	5.0	2.6	5.5	8.6	7.2	3.9	2.4	1.3
10	0.1	1.8	16	2.3	4.9	3.6	6.1	9.8	6.6	3.3	2.4	1.9
11	0.6	1.7	14	2.4	4.8	7.2	14	9.8	5.4	2.9	2.2	1.5
12	0.5	1.7	14	2.4	4.8	14	7.5	8.6	7.2	2.6	2.2	1.2
13	0.02	1.7	12	2.7	4.8	26	8.0	7.3	7.2	2.8	2.0	1.3
14	0.02	1.7	11	1.9	5.4	16	8.0	7.2	6.2	2.8	2.1	1.2
15	0.02	1.6	9.8	2.1	5.4	11	7.9	6.8	4.8	2.7	2.2	1.2
16	0.02	1.4	8.1	2.3	4.5	9.2	7.0	6.4	4.6	2.9	2.2	1.2
17	0.02	1.3	8.5	1.8	4.4	7.9	6.1	6.1	4.8	2.9	2.2	1.2
18	0.02	0.8	9.6	1.4	4.5	7.5	9.4	5.8	4.8	2.9	2.2	1.2
19	0.02	0.8	7.3	1.3	4.2	6.1	10	5.8	4.1	2.9	2.1	1.2
20	0.02	1.1	6.7	1.9	4.0	5.2	9.2	5.8	3.7	2.9	2.2	1.2
21	0.02	1.3	6.8	3.5	3.9	4.8	13	5.7	3.7	3.1	2.2	1.4
22	0.02	1.0	7.0	21	4.0	5.4	17	5.7	3.6	3.0	2.2	1.8
23	0.02	1.6	6.7	14	4.1	5.4	12	5.4	3.2	2.7	2.0	2.1
24	0.02	1.1	5.4	44	3.6	5.5	12	5.4	3.2	2.7	2.0	2.4
25	0.02	0.7	3.8	43	3.7	6.1	11	5.5	3.2	2.7	1.9	1.7
26	0.02	0.7	3.1	22	3.4	6.6	11	5.5	3.1	2.5	1.9	1.1
27	0.02	0.7	4.4	19	3.4	6.6	12	6.4	3.1	2.3	1.8	1.1
28	0.02	0.9	8.7	16	3.2	6.6	12	7.2	2.9	2.3	1.7	1.2
29	0.02	0.9	4.6	14		7.3	12	7.9	2.8	2.3	1.7	1.4
30	0.02	0.7	4.1	13		6.0	12	8.0	2.9	2.5	1.7	1.4
31	0.02		3.9	12		7.8		9.2		2.6	1.8	
	2.98	42.58	632.8	270.6	150.2	207.4	281.4	237.7	151.1	91.4	66.4	48.4
MEAN	0.10	1.42	20.4	8.73	5.36	6.69	9.38	7.67	5.04	2.95	2.14	1.61
ACRE-FEET	5.9	84.	1260.	537.	298.	411.	558.	471.	300.	181.	132.	96.

Remarks:

YEAR OR PERIOD MEAN 5.98
YEAR OR PERIOD ACRE-FEET 4330.

STATION F194B-R

SAWPIT WASH below Arrow Highway

LOCATION: LAT. 34°05'27", LONG. 118°00'18", ON THE LEFT (EAST) BANK, 1,500 FEET BELOW ARROW HIGHWAY AND THREE MILES SOUTH OF MONROVIA. ELEVATION OF ZERO GAGE HEIGHT 322.79 FEET.

DRAINAGE AREA: 16.1 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 35 FEET WIDE BY 15 FEET DEEP. BOTTOM WARPED 0.3 FOOT TOWARD STATION.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE 60 FEET ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW PARTIALLY REGULATED BY SAWPIT DAM DAM, SANTA FE DAM, SAWPIT DEBRIS BASIN, BUENA VISTA PIT AND SEVERAL DEBRIS BASINS.
DIVERSION - THE CITY OF MONROVIA DIVERTS FLOW FROM MONROVIA CREEK AND SAWPIT CREEK FOR MUNICIPAL USE; THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT DIVERTS FLOW FROM SAWPIT CREEK FOR SPREADING AT MOUTH OF SAWPIT CANYON AND BUENA VISTA PIT.

RECORDS AVAILABLE: DECEMBER 5, 1960 TO SEPTEMBER 30, 1967; AT STATION F194-R, FEBRUARY 22, 1932 TO SEPTEMBER 1935.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 1,470. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 1,120. SECOND-FEET DECEMBER 3.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1960-67
MAXIMUM: 1,470. SECOND-FEET DECEMBER 29, 1965.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: GOOD.

OPERATION: LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT; CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F194B-R

Daily discharge, in second-feet of SAWPIT WASH below Arrow Highway, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.05	0.05	11.5	32	320	0.3	0.3	0.02	0.3	0.4	0.3	0.4
2	0.05	0.05	35	14.6	215	0.3	0.4	0.05	0.4	0.2	0.3	0.2
3	0.02	0.1	50	14.4	50	0.3	0.3	0.4	0.6	0.2	0.2	0.2
4	0.03	0.1	56	19.3	1.0	0.3	0.4	1.0	1.2	0.2	0.3	0.04
5	0.05	0.05	58	21	2.0	0.4	1.2	0.6	0.4	0.2	0.2	0.04
6	0.1	0.04	60	21	41	0.3	0.6	0.2	0.6	0.2	0.2	0.05
7	0.2	0.03	65	209	3.3	0.3	0.6	0.03	0.2	0.3	0.2	0.2
8	0.2	0.1	65	230	1.5	0.4	0.6	0.2	0.2	0.2	0.2	0.1
9	0.2	0.05	71	200	1.5	0.6	0.3	3.8	0.2	0.05	0.1	0.2
10	0.05	0.1	11.2	152	1.2	0.8	0.4	0.03	0.4	0.03	0.3	0.1
11	0.1	0.1	1.0	102	1.5	0.6	0.3	0.05	1.8	0.03	0.2	0.1
12	0.2	0.1	16.6	107	1.5	0.6	0.05	0.2	1.8	0.05	1.0	0.1
13	0.2	0.1	0.4	91	1.2	0.5	0.1	0.03	1.5	0.1	1.2	0.1
14	0.2	28	9.7	63	1.2	0.4	0.6	0.05	1.2	0.2	0.8	0.05
15	0.1	43	2.2	63	2.2	0.4	0.2	0.04	0.8	0.2	0.4	0.05
16	0.03	85	1.2	63	6.3	0.4	0.05	0.04	0.8	0.05	0.4	0.05
17	0.04	139	0.5	60	10.5	0.3	0.04	0.05	0.6	0.05	0.2	0.1
18	0.1	34	0.3	60	12.2	0.2	1.0	0.04	0.4	0.2	0.2	16.8
19	0.2	6.8	0.5	63	12.2	0.05	0.5	0.03	0.3	0.3	0.3	1.2
20	0.2	4.0	1.2	63	12.2	0.2	0.2	0.05	0.3	0.4	0.4	1.0
21	0.05	1.5	1.5	63	3.5	0.2	0.3	0.04	0.3	0.2	0.1	0.4
22	0.1	228	1.0	60	0.4	0.04	0.1	0.03	0.4	1.0	0.2	0.2
23	0.1	26	0.8	60	0.5	0.05	0.1	0.03	0.4	0.5	0.4	0.05
24	0.2	113	0.4	60	0.5	14.0	0.04	0.04	0.4	0.04	0.5	0.05
25	0.6	73	0.3	45	0.4	10.0	0.05	0.05	0.4	0.1	0.5	0.03
26	0.2	43	0.3	16.9	0.3	0.2	0.1	0.1	0.3	0.3	1.0	0.04
27	0.05	18.0	0.2	0.2	0.3	0.8	0.04	0.2	0.4	0.6	1.0	0.1
28	0.1	11.8	0.2	0.2	0.3	0.4	0.04	0.2	0.2	0.8	1.0	0.2
29	0.1	3.5	243	0.2		0.3	0.04	0.04	0.2	0.6	0.5	4.9
30	0.04	2.2	58	32		0.5	0.03	0.2	0.8	0.4	0.4	1.5
31	0.04		52	109		1.0		0.2		0.1	0.6	
	3.90		874.0		703.7		8.98		17.8		13.6	
		860.77		2,094.8		35.14		9.04		8.20		28.55
MEAN	0.12	28.7	28.1	67.6	25.1	1.46	0.30	0.26	0.59	0.26	0.44	0.95
ACRE-FEET	7.7	1,710.	1,730.	4,150.	1,400.	70.	18.	16.	35.	16.	27.	57.

Remarks:

YEAR OR PERIOD — MEAN 7.28 — ACRE-FEET 9,240.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F194B-R

Daily discharge, in second-feet of SAWPIT WASH below Arrow Highway, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.0	0.04	0.6	1.0	66	0.8	25	19.3	16.7	0.05	0.8	7.0
2	0.5	0.03	39	0.8	22	0.8	1.2	19.0	16.7	0.2	1.8	0.2
3	1.2	0.04	146	1.2	4.0	0.8	1.0	19.0	16.7	0.2	1.0	0.2
4	0.8	0.05	21	2.0	2.7	1.3	8.3	15.4	15.4	0.3	1.0	0.2
5	0.2	0.04	136	1.2	2.7	0.2	2.2	15.4	15.4	0.8	1.0	0.3
6	0.1	0.5	298	1.2	2.7	0.1	1.5	15.4	14.6	0.5	1.2	0.3
7	0.2	120	93	0.8	2.2	0.1	5.3	15.4	14.6	0.5	1.0	0.3
8	0.2	0.7	73	0.6	3.1	0.1	0.8	15.4	14.6	0.6	0.8	0.3
9	0.05	0.1	137	0.3	3.5	0.2	0.8	18.0	14.6	0.6	1.0	0.4
10	0.5	0.1	118	0.4	4.4	0.2	1.2	18.0	14.6	1.0	1.0	0.4
11	1.2	0.4	118	0.3	4.4	93	37	9.5	15.4	1.2	1.8	0.4
12	1.5	0.4	150	0.2	4.9	29	1.8	2.2	19.3	0.6	2.2	0.4
13	0.8	0.4	170	0.4	4.4	73	1.2	1.8	15.4	0.4	1.8	0.4
14	0.2	0.4	154	1.0	4.9	18.8	1.0	1.5	25	0.6	2.0	0.4
15	0.1	0.5	145	0.8	5.4	1.0	0.8	3.2	28	0.1	1.5	0.4
16	0.04	0.5	147	0.6	4.4	1.0	0.6	8.1	28	0.04	0.4	0.4
17	0.04	0.5	180	0.6	4.0	78	0.8	9.7	28	0.03	0.05	0.4
18	0.05	0.8	184	0.6	4.0	137	26	6.1	28	0.05	0.04	0.4
19	0.03	0.8	183	0.2	4.0	137	9.8	0.8	25	0.05	0.03	0.4
20	0.03	1.2	207	0.2	3.5	168	1.8	0.6	13.8	0.03	0.03	0.4
21	0.03	0.8	241	0.2	3.1	212	39	1.2	13.8	0.05	0.03	0.3
22	0.3	1.2	234	152	3.1	199	47	0.6	3.1	0.04	0.03	0.2
23	1.0	0.8	213	4.0	2.7	160	76	0.5	2.0	0.04	0.2	0.3
24	1.2	0.8	163	210	1.8	95	102	0.6	1.0	0.05	0.04	0.3
25	1.2	0.8	117	47	2.2	1.0	128	11.8	0.8	0.1	0.05	0.05
26	1.2	0.8	88	13.8	1.5	1.0	137	22	0.6	0.2	0.04	2.0
27	0.6	0.5	36	78	1.0	1.0	98	19.3	0.6	0.2	0.03	0.3
28	0.05	0.4	2.7	116	1.0	1.0	47	21	0.2	0.3	0.03	2.3
29	0.04	0.4	2.0	112		0.8	22	21	0.1	0.4	0.2	1.2
30	0.05	0.8	1.2	110		0.6	21	21	0.05	0.4	0.2	0.1
31	0.04		1.5	93		20		21		0.5	0.2	
	14.45		3,799.0		173.6		845.1		402.05		21.50	
		134.80		950.4		1,348.1		352.8		10.13		20.65
MEAN	0.47	4.49	123.	30.6	6.20	43.5	28.2	11.4	13.4	0.33	0.69	0.69
ACRE-FEET	29.	267.	7540.	1890.	344.	2670.	1680.	700.	797.	20.	43.	41.

Remarks:

YEAR OR PERIOD — MEAN 22.0 — ACRE-FEET 16,020.

STATION F301-R

SAWTELLE-WESTWOOD CHANNEL above Culver Boulevard

LOCATION: LAT. 33°59'53", LONG. 118°24'54", ON THE RIGHT (SOUTH) WALL, 14± FEET ABOVE CULVER BOULEVARD BRIDGE, ABOUT 1.5 MILES SOUTHWEST OF CULVER CITY. ELEVATION OF ZERO GAGE HEIGHT 21.27 FEET.

DRAINAGE AREA: 22.96 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 40 FEET DEEP BY 13 FEET WIDE.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION - STONE CANYON RESERVOIR; SOUTHERN CALIFORNIA WATER COMPANY DISCHARGES UP TO 5.0 SECOND-FEET INTO CHANNEL ABOVE CHARNOCK ROAD FOR SHORT PERIODS NEARLY EVERY DAY.

RECORDS AVAILABLE: JANUARY 22, 1951 TO SEPTEMBER 30, 1967 AT STATION F301-R; PRIOR RECORDS AT STATION F185-R, SEPULVEDA CREEK AT CHARNOCK ROAD, SEPTEMBER 15, 1932 TO MARCH 3, 1937, AUGUST 11, 1937 TO MARCH 2, 1938, AND JULY 7, 1938 TO MAY 29, 1950. NO RECORD DUE TO CHANNEL CONSTRUCTION MAY 29, 1950 TO JANUARY 22, 1951.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 4,140. SECOND-FEET NOVEMBER 22.
MINIMUM: 0.1 SECOND-FOOT OCTOBER 10.

1966-67
MAXIMUM: 3,610. SECOND-FEET JANUARY 22.
MINIMUM: 0.6 SECOND-FOOT AT VARIOUS TIMES.

1951-67
MAXIMUM: 7,250. SECOND-FEET FEBRUARY 12, 1962.
MINIMUM: 0.1 SECOND-FOOT ON VARIOUS DAYS.

ACCURACY: GOOD FOR HIGH FLOWS; POOR FOR EXTREMELY LOW FLOWS.

OPERATION: LOCATED AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

SADTAM Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F301-R

Daily discharge, in second-feet of SAWTELLE-WESTWOOD CHANNEL above Culver Boulevard, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.0	4.5	3.1	b 4.5	28	2.0	2.0	2.5	2.5	3.1	3.1	2.5
2	2.5	4.5	3.1	4.5	3.8	2.0	1.5	2.5	2.0	2.0	2.5	2.0
3	2.5	3.1	2.5	4.5	2.5	2.0	1.5	2.5	1.5	1.0	2.0	2.0
4	3.1	2.5	2.5	3.8	3.1	2.5	1.5	3.1	2.0	1.0	2.0	2.5
5	3.1	3.1	1.5	3.8	3.1	2.0	2.0	3.8	1.5	1.0	1.0	3.8
6	2.0	2.5	2.0	b 3.8	261	2.0	2.0	3.1	1.0	2.0	1.0	2.5
7	2.0	2.0	2.0	3.8	3.8	2.5	3.8	2.5	1.0	2.0	1.5	2.5
8	2.5	2.0	2.0	3.1	3.1	2.5	2.0	3.1	1.5	2.5	2.5	2.5
9	0.6	1.5	67	3.1	3.1	2.5	2.0	40	2.0	2.0	3.1	2.5
10	0.1	2.0	122	3.1	2.5	2.5	1.5	2.5	2.0	1.5	3.1	2.5
11	0.6	1.5	5.6	3.8	2.5	2.5	2.0	2.0	2.0	1.5	2.0	2.5
12	1.0	2.5	63	3.8	2.0	2.0	2.5	2.5	1.5	2.0	2.0	3.1
13	1.5	2.5	2.5	3.8	1.5	2.0	2.5	2.5	2.5	1.0	1.5	2.5
14	2.0	154	9.7	3.8	2.5	3.1	3.1	2.5	1.5	1.0	1.5	3.1
15	2.0	160	2.5	3.1	3.1	3.1	3.8	1.5	2.0	1.5	1.5	3.1
16	1.5	478	2.5	2.5	3.1	3.1	3.1	2.5	2.0	1.5	2.0	3.1
17	1.5	237	2.5	3.1	2.5	3.1	2.5	2.5	2.0	1.5	2.5	2.5
18	2.5	47	2.0	3.1	3.1	2.5	3.1	2.5	2.0	2.0	2.5	10.9
19	2.5	b 3.8	1.5	2.5	2.5	2.5	2.5	3.1	1.5	2.5	2.5	2.5
20	3.1	2.0	2.0	2.5	2.0	2.0	2.5	3.8	2.0	2.5	2.0	2.5
21	3.1	1.5	2.0	2.5	2.0	3.1	2.0	3.9	3.1	2.5	2.0	2.5
22	3.8	848	9.7	2.5	2.0	3.8	2.5	3.8	4.5	2.5	2.0	2.5
23	3.8	87	3.8	2.5	2.0	3.1	2.0	3.1	3.1	2.5	1.5	2.5
24	3.1	194	2.0	3.1	2.0	17.5	2.0	3.1	4.5	1.5	2.0	2.0
25	3.8	92	1.5	3.1	2.5	8.7	2.0	2.5	3.8	1.5	2.0	1.5
26	3.1	4.5	1.5	3.1	2.0	2.0	2.0	2.0	2.5	2.0	2.5	1.5
27	2.5	3.8	2.5	3.1	2.0	1.5	2.5	2.5	2.5	2.0	2.5	2.0
28	2.5	3.1	8.3	3.8	2.0	2.5	2.5	2.0	2.0	2.5	2.5	1.5
29	3.8	3.1	792	2.0		2.0	2.5	1.5	2.5	3.1	2.5	3.1
30	3.3	3.1	32	196		2.0	2.0	1.0	3.1	3.1	2.5	3.1
31	3.8		14.0	3.1		2.5		2.0		2.5	1.5	
	75.7		1170.8		355.3		69.4		67.6		65.3	
		2356.1		294.8		97.1		118.3		60.8		83.3
MEAN	2.44	78.5	37.8	9.51	12.7	3.13	2.31	3.82	2.25	1.96	2.11	2.78
ACRE-FEET	150.	4,670.	2,320.	585.	705.	193.	138.	235.	134.	121.	130.	165.

Remarks:

YEAR OR PERIOD MEAN 13.2
ACRE-FEET 9,550.

760T4M C&b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F301-R

Daily discharge, in second-feet of SAWTELLE – WESTWOOD CHANNEL above Culver Blvd., for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3.1	2.5	2.5	2.0	3.8	2.5	90	3.1	2.5	1.5	2.5	20
2	3.1	2.5	204	1.5	3.1	2.0	4.2	3.8	2.5	1.5	2.5	3.1
3	3.1	2.0	307	2.0	3.1	2.0	2.0	3.8	2.5	1.5	2.5	2.5
4	1.5	1.5	16.9	2.0	3.1	3.6	17.4	3.8	2.5	2.0	2.5	2.0
5	1.5	1.0	484	2.0	3.1	1.5	3.1	3.1	2.5	2.0	2.0	2.0
6	1.5	1.0	324	2.0	2.5	2.0	2.5	3.1	2.5	2.0	2.0	2.0
7	0.6	414	7.0	1.0	2.5	2.5	27	3.1	2.5	2.0	2.0	2.5
8	0.6	f 3.8	3.1	1.0	2.5	2.5	3.1	3.1	2.5	2.0	2.0	2.0
9	1.5	2.0	3.1	1.5	2.5	2.0	3.1	2.5	2.5	2.0	2.0	2.0
10	5.5	2.0	2.5	2.0	2.5	2.0	4.2	2.5	2.0	2.5	2.0	2.0
11	f 2.0	1.5	2.0	2.0	2.5	71	113	2.5	2.5	2.5	2.0	2.5
12	2.0	1.5	2.0	2.0	2.5	307	2.0	2.5	2.0	2.5	2.0	2.5
13	2.5	2.0	2.0	2.0	2.5	77	2.5	2.0	2.0	2.5	1.5	2.0
14	2.0	1.5	2.0	2.0	2.5	22	2.5	2.5	1.5	2.5	2.0	2.0
15	1.0	1.5	2.0	2.0	2.5	2.0	2.5	2.5	1.5	2.5	2.0	2.5
16	0.6	2.0	2.0	1.5	2.5	2.5	2.5	3.8	2.0	2.5	2.5	2.0
17	1.5	2.0	2.0	1.5	2.5	2.0	2.5	3.1	2.0	2.5	2.5	1.5
18	2.0	2.5	2.5	1.5	2.5	2.0	122	3.1	1.5	2.5	3.1	2.0
19	2.5	2.5	2.0	1.5	2.5	2.0	19.2	3.1	2.5	2.5	2.5	2.0
20	2.5	38	2.0	1.5	2.5	2.5	2.0	3.8	2.0	2.5	2.0	3.1
21	3.1	2.0	2.0	1.5	2.5	3.1	135	3.1	1.5	2.5	2.5	2.0
22	2.5	1.5	2.5	448	2.5	2.5	29	3.1	2.0	2.5	2.5	2.0
23	2.5	1.5	2.5	4.5	2.5	2.5	2.0	3.1	2.0	2.5	2.5	2.0
24	3.8	1.5	2.5	524	2.0	3.1	39	3.1	2.5	2.5	2.5	2.0
25	3.8	1.5	1.5	12.7	13.2	3.1	1.5	3.1	2.0	2.5	3.1	3.1
26	3.8	1.5	2.0	7.0	b 2.0	3.1	2.0	3.8	2.0	2.5	3.8	2.5
27	3.8	1.5	2.0	4.5	b 2.0	2.5	3.1	2.5	1.5	2.0	4.5	4.5
28	3.8	7.3	2.0	3.8	2.5	2.5	38	3.1	2.0	2.0	3.1	50
29	2.0	2.0	2.0	3.8		2.0	3.1	3.1	1.5	2.0	3.1	33
30	2.0	2.0	2.5	33		2.0	2.5	2.5	1.5	2.0	3.1	1.5
31	2.0		2.0	f 6.1		84		3.1		2.5	3.8	
	73.7	509.6	1398.1	1083.4	82.9	628.0	682.5	94.4	62.5	69.5	78.6	164.8
MEAN	2.38	17.0	45.1	34.9	2.96	20.3	22.8	3.05	2.08	2.24	2.54	5.49
ACRE-FEET	146.	1010.	2770.	2150.	164.	1250.	1350.	187.	124.	138.	156.	327.

Remarks:

YEAR OR PERIOD MEAN 13.5
ACRE-FEET 9770.

STATION F67B–R

SIERRA MADRE WASH below Sierra Madre Dam

LOCATION: LAT. 34°10'33", LONG. 118°02'33", ON THE LEFT (EAST) BANK, 270± FEET BELOW DAM AND 1.25± MILES NORTHEAST OF SIERRA MADRE. ELEVATION OF ZERO GAGE HEIGHT 1, 082.69.

DRAINAGE AREA: 2.4 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RUBBLE MASONRY, 24.6 FEET WIDE AT TOP AND 22.5 FEET WIDE AT BOTTOM BY 7.5 FEET DEEP.
CONTROL - WARPED CONCRETE SECTION WITH LOW FLOW CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - 30-INCH DIAMETER GATE VALVE IN THE DAM REMAINS OPEN EXCEPT IN EMERGENCY CONDITIONS. 51-INCH SLUICEWAY IS NOT GATED AND IS OPEN AT ALL TIMES.
DIVERSION - UNDERGROUND FLOW DEVELOPED AND DIVERTED BY SIERRA MADRE WATER DEPARTMENT ABOVE DAM.

RECORDS AVAILABLE: AT F67-R - JANUARY 28, 1929 TO MAY 20, 1936 AT F67B-R MAY 21, 1936 TO SEPTEMBER 30, 1965.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 93. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES

1966–67
MAXIMUM: 87. SECOND-FEET DECEMBER 6
MINIMUM: NO FLOW AT VARIOUS TIMES.

1929–67
MAXIMUM: 620. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW SEVERAL MONTHS MOST YEARS.

ACCURACY: FAIR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

74D74M Glb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F67B-R

Daily discharge, in second-feet of SIERRA MADRE WASH below Sierra Madre Dam, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	b 7.0	14.0	2.3	1.4	0.08	0.04	0	+	0	0
2	0	0	6.6	10.8	2.2	1.4	0.08	0.02	0	0.2	0	0
3	0	+	5.9	8.6	1.9	1.4	0.1	0.2	0	0.3	0	0
4	0	0	5.4	7.4	1.8	1.3	0.2	0.09	+	0.4	0	+
5	0	0	4.6	7.2	1.7	1.2	0.4	0.01	+	0.1	0	+
6	0	0	3.8	7.2	4.9	1.1	0.06	0.01	0	+	0	+
7	0	0	3.3	7.2	4.0	1.1	0.08	0.01	0	0	0	0
8	0	0	2.7	7.0	3.0	1.2	0.08	0.04	0	0	0	0
9	0	0	3.4	6.6	2.6	1.0	0.08	0.4	+	0	0	0
10	0	0	3.3	6.1	2.3	1.0	0.08	1.0	0	0	0	0
11	0	0	2.7	6.1	2.2	1.0	0.08	0.4	0	0	0	+
12	0	0	3.3	5.7	2.0	0.9	0.08	0.04	0	0	0	+
13	0	0	2.8	5.2	1.9	0.8	0.08	0.02	+	+	+	0
14	0	+	2.8	4.8	1.8	0.8	0.06	0.02	+	0	0	0
15	0	+	2.7	4.6	1.7	a 0.8	0.2	0.01	0	0	0	0
16	0	2.5	2.8	4.6	1.7	0.7	0.2	0.01	+	0	0	0
17	0	39	3.0	4.3	1.7	0.7	0.06	0.01	0	0	0	0
18	0	16.9	3.0	4.1	1.8	0.7	0.1	0.01	0.1	0	0	+
19	0	6.3	2.7	4.0	1.8	0.7	0.2	0.01	0	0	0	+
20	0	5.0	2.6	3.8	1.8	0.7	0.2	0	0.2	0	0	0
21	0	3.4	2.4	3.5	1.7	0.7	0.08	0	0	+	0	0
22	0	42	2.3	3.4	1.6	0.6	0.04	0	0.5	0	0	0
23	0	46	1.8	3.1	1.6	0.5	0.06	0	0	0	0	0
24	0	45	1.7	2.8	1.6	0.8	0.3	0	+	0	0	0
25	0	38	1.6	2.6	1.6	0.9	0.2	0	+	0	0	+
26	0	b 22	1.5	2.5	1.6	0.8	0.06	0	0	0	0	+
27	0	19	1.3	2.3	1.6	0.7	0.06	0	+	0	0	0
28	+	16	1.3	2.2	1.4	0.5	0.06	0	|	+	0	0
29	0	13	42	2.2		0.4	0.06	0	|	0	0	+
30	0	b 10	26	3.4		0.2	0.06	0	+	0	0	0
31	0		17.0	2.4		0.1		0		0	0	
	+	324.1	173.3	159.7	57.8	26.1	3.48	2.35	0.8	1.0	+	+
MEAN	+	10.8	5.59	5.15	2.06	0.84	0.12	0.08	0.03	0.03	+	+
ACRE-FEET	+	643.	344.	317.	115.	52.	6.9	4.7	1.6	2.0	+	+

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 2.05
ACRE-FEET 1,490.

74D74M Glb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F67B-R

Daily discharge, in second-feet of SIERRA MADRE WASH below Sierra Madre Dam, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	1.1	4.0	1.2	3.0	5.4	2.2	0.6	0.06	+
2	0	0	0.3	1.1	3.4	1.2	2.7	5.4	1.8	0.6	0.04	0.01
3	0	0	28	1.0	3.1	1.2	2.2	5.2	1.9	0.5	0.02	0.02
4	0	0	7.4	0.9	2.8	1.3	2.5	5.0	2.0	0.5	0.01	0.04
5	0	+	15	0.8	2.6	1.3	2.2	5.2	2.0	0.5	0.01	0.04
6	0	+	63	0.8	2.4	1.2	1.9	4.8	2.0	0.5	0.02	0.02
7	0	3.9	34	0.8	2.3	1.2	2.6	4.3	2.0	0.4	0.06	0.02
8	0	0.9	13.6	0.8	2.2	1.2	2.3	4.0	2.0	0.4	0.02	0.02
9	0	0.1	7.4	0.8	1.8	1.1	1.8	3.8	2.0	0.4	0.02	0.04
10	0	+	6.8	0.6	1.8	1.1	1.8	3.8	a 1.9	0.4	0.02	0.04
11	0	|	6.3	0.4	1.8	1.6	5.3	4.0	2.3	0.4	0.02	0.02
12	0	|	5.5	0.4	1.7	5.4	3.8	3.8	3.0	0.4	0.02	0.04
13	0	|	5.4	0.4	1.6	11.5	3.4	3.5	1.7	0.4	0.01	0.06
14	0	|	5.9	0.3	1.6	7.1	3.3	3.1	1.6	a 0.4	0.04	0.04
15	0	+	2.2	0.2	1.7	6.1	3.1	3.0	a 1.6	0.4	0.06	0.04
16	0	0	1.4	0.2	1.7	5.4	3.0	3.3	1.6	0.4	0.02	0.04
17	0	0	1.4	0.2	1.8	5.0	2.7	3.3	1.6	0.4	0.02	0.04
18	0	0	1.3	0.2	1.8	4.5	4.9	2.8	1.5	0.4	0.02	0.04
19	0	0	1.3	0.1	1.8	4.1	6.1	2.6	1.4	0.3	0.01	0.04
20	0	0	1.3	0.2	1.8	3.8	5.7	2.4	1.2	0.3	0.02	0.04
21	0	0	1.3	0.2	1.7	3.4	6.2	2.0	1.2	0.3	0.02	0.04
22	0	0	1.3	6.1	1.7	3.0	7.1	2.3	1.2	0.3	0.02	0.04
23	0	0	1.4	5.0	1.6	2.7	6.1	2.0	1.1	0.2	0.02	0.06
24	0	0	1.5	17.0	1.5	2.5	6.1	1.9	0.9	0.2	0.02	0.06
25	0	0	1.4	12.3	1.7	2.4	5.7	1.9	0.9	0.2	0.02	0.06
26	0	0	1.4	6.6	1.6	2.3	5.7	1.9	0.8	0.2	0.01	0.06
27	0	0	1.4	6.1	1.3	2.2	5.5	1.9	0.8	0.1	0.01	0.04
28	0	0	1.2	5.5	1.2	2.0	5.5	2.0	0.7	0.1	0.01	0.04
29	0	0	1.1	4.8		1.9	5.5	2.0	0.7	0.1	0.01	0.06
30	0	0	1.2	4.8		1.8	5.5	2.0	0.7	0.1	0.01	0.06
31	0		1.2	4.5		2.8		3.0		a 0.08	0.01	
	0	4.9	221.9	84.2	56.0	93.5	123.2	101.6	46.3	10.48	0.68	1.17
MEAN	0	0.16	7.16	2.71	2.00	3.02	4.11	3.28	1.54	0.34	0.02	0.04
ACRE-FEET	0	9.7	440.	167.	111.	185.	244.	202.	92.	21.	1.3	2.3

Remarks:

YEAR OR PERIOD MEAN 2.04
ACRE-FEET 1480.

STATION F267B-R

SIERRA MADRE WASH at Highland Oaks Drive

LOCATION: LAT. 34°09'18", LONG. 118°01'42", ON THE RIGHT (SOUTH) BANK, 50 FEET ABOVE HIGHLAND OAKS AVENUE, 1.5 MILES SOUTHEAST OF SIERRA MADRE. ELEVATION OF ZERO GAGE HEIGHT 555.19.

DRAINAGE AREA: 3.8 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE 13 FEET WIDE BY 11.5 FEET DEEP, WARPED 0.15 FOOT TOWARD STATION.
CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOW BY WADING; HIGH FLOWS FROM STEEL FOOTBRIDGE AT STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - PARTIALLY BY SIERRA MADRE DAM, USUALLY AFFECTING HIGH FLOWS ONLY.
DIVERSION - UNDERGROUND AND SURFACE FLOWS DEVELOPED AND DIVERTED BY SIERRA MADRE WATER DEPARTMENT. FLOW ALSO DIVERTED ABOUT ONE MILE ABOVE STATION FOR SPREADING IN SIERRA MADRE SPREADING GROUNDS.

RECORDS AVAILABLE: AT F267B-R: DECEMBER 11, 1959 TO SEPTEMBER 30, 1967; AT F267R: DECEMBER 30, 1938 TO APRIL 20, 1959. SEVERAL YEAR'S RECORDS WERE NOT PUBLISHED DUE TO LACK OF SUFFICIENT RELIABLE DATA.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 384. SECOND-FEET DECEMBER 29.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966–67
MAXIMUM: 190 SECOND-FEET DECEMBER 3 AND 6
MINIMUM: NO FLOW AT VARIOUS TIMES.

1938–67
MAXIMUM: NOT DETERMINED MARCH 2, 1936
MAXIMUM: 706 SECOND-FEET JANUARY 6, 1959
MINIMUM: NO FLOW AT VARIOUS TIMES MOST YEARS

ACCURACY: FAIR

OPERATION: LOCATED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT. CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS.

760T4M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F267B-R

Daily discharge, in second-feet of SIERRA MADRE WASH at Highland Oaks Drive, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.01	0.01	3.0	7.9	0.2	+	+	+	+	+	+	+
2	0.03	0.01	1.9	5.8	0.03	+	0.03			0.01		
3	0.01	0.01	1.3	4.0	0.1	+	0.03			+		
4	0.01	0.2	0.6	3.0	+	0.03	0.01			0.01		
5	0.01	0.03	0.6	4.6	+	0.01	0.1			+		
6	0.01	0.03	0.4	3.7	6.7	+	+					
7	0.03	0.03	0.4	2.9	0.6	+		+				
8	0.03	0.01	0.1	2.7	0.4	0.01		0.01				
9	0.03	0.01	2.9	2.2	0.1	+		0.2				
10	0.03	0.01	0.8	1.3	0.03		+	0.03				
11	0.03	0.01	0.1	1.3	0.1		0.01	0.01				
12	0.03	0.01	2.7	1.7	0.01		0.03	+				
13	0.03	0.01	0.5	1.7	0.1	+	0.03	+				
14	0.03	2.0	0.5	1.0	0	2.0	0.01	0.01				
15	0.03	3.7	0.2	1.0	+	0.3	0.03	0.01				
16	0.01	9.3	0.1	1.2	0.01	+	0.01	0.01				
17	0.01	53	0.03	0.4	+		0.01	0.01				+
18	0.01	21	0.2	0.2			0.01	0.01				0.6
19	0.01	6.1	0.1	0.03			0.01	0.01				0.03
20	0.01	4.6	0.01	0.4		+	0.01	0.01				0.01
21	0.01	0.7	0.01	0.2		0.1	0.01	0.01	+			0.01
22	0.01	77	0.2	0.2		0.1	0.01	0.01	0.03			0.01
23	0.01	177	0.1	0.03		0.01	+	0.01	+			0.01
24	0.01	66	0.01	0.1		0.7		0.01				0.01
25	0.03	31	0.01	0.03		0.3		0.01				0.01
26	0.01	15.4	0.01	0.1		+		+				0.01
27	0.03	10.3	0.03	0.1		+						0.01
28	0.01	9.2	0.1	0.01	+	+						0.01
29	0.01	7.5	117	0.01		0.01						0.1
30	0.01	6.6	33	3.6		0.03	+		+			0.01
31	0.01		14.6	0.6		0.01		+		+	+	
	0.55	500.78	181.51	52.01	8.38	3.61	0.35	0.37	0.03	0.02	+	0.83
MEAN	0.02	16.7	5.85	1.68	0.30	0.12	0.01	0.01	+	+	+	0.03
ACRE-FEET	1.1	993.	360.	103.	17.	7.2	0.7	0.7	+	+	+	1.6

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 2.05
ACRE-FEET 1,480.

TEDT&M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F267 B-R

Daily discharge, in second-feet of SIERRA MADRE WASH at Highland Oaks Avenue, for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.01	0.01	0	0.03	0.03	+	1.7	1.0	0.01	0.01	+	0.1
2	0.01	0.01	5.7	0.03	0.03	+	0.2	1.7	0.01	0.01	+	0.1
3	0.01	0.01	50	0.03	0.1	+	+	1.0	0.01	0.01	0.01	0.1
4	0.01	0.01	1.3	0.03	+	0.03	0.6	1.0	0.01	0.01	0.01	0.1
5	0.01	0.01	17.0	0.03		0.01	0.1	1.0	0.01	0.01	0.01	0.1
6	0.03	0.03	78	0.03		0.01	+	0.6	0.01	0.01	0.01	0.1
7	0.03	15.6	24	0.03	+	0.01	0.1	0.6	0.01	0.01	0.01	0.1
8	0.03	+	6.0	0.03	0	0.01	0.1	0.6	0.01	0.03	0.01	0.1
9	0.03		0.4	0.03	0	0.01	+	0.8	0.01	0.03	0.01	0.1
10	0.03		0.6	0.01	0	0.01	0	0.4	0.01	0.03	0.01	0.1
11	0.03		1.0	0.01	+	1.4	5.0	1.3	0.03	0.01	0.01	0.1
12	0.03		0.6	0.01	0	7.0	+	1.0	0.4	0.01	0.01	0.1
13	0.03		0.2	0.01	0	10.8	+	0.6	0.01	0.03	0.01	0.1
14	0.01		0.2	0.01	+	1.5	+	0.4	0.01	0.01	0.03	0.1
15	0.01		0.6	0.01	0	0.1	+	0.4	0.01	0.01	0.03	0.1
16	0.01		0.4	+	0	+	+	0.01	0.01	0.01	0.1	+
17	0.01		0.2		0		0	0.01	0.01	0.03	0.1	+
18	0.01		+		0		5.9	+	0.01	0.01	0.1	0.1
19	0.01		0.1		+	+	2.1	0	0.01	0.01	0.1	0.1
20	0.01	+	+	+		0	1.0	+	0.01	0.01	0.1	+
21	0.01	0	+	+		+	4.4	+	0.01	+	0.1	+
22	0.01	0	0.1	18.8	+		4.7	+	0.01		0.1	+
23	0.01	0	0.2	1.6	0.01		+	0	0.01		0.1	+
24	0.01	0	0.1	29	0.01		3.3	+	0.01		0.1	0.1
25	0.01	0		6.6	0.03		1.7	+	0.01		0.1	0.1
26	0.01	0	0.4	4.9	0.01		1.7	+	0.01		0.1	0.1
27	0.01	0	0.4	3.9	0.01		1.7	0.01	0.01		0.1	0.1
28	0.01	0	0.4	0.4	0.01		1.7	0.01	0.01		0.1	0.1
29	0.01	0	0.03	+			1.0	0.01	0.01		+	0.1
30	0.01	0	0.03	1.4		+	0.6	0.03	0.01		+	0.1
31	0.01		0.03	0.9		2.0		0.1		+	+	
	0.47	15.68	187.99	67.83	0.24	22.89	37.6	12.58	0.71	0.30	1.47	2.4
MEAN	0.01	0.53	6.06	2.19	0.01	0.74	1.25	0.40	0.02	0.01	0.05	0.08
ACRE-FEET	0.9	31.	373.	135.	0.48	45.	75.	25.	1.4	0.60	2.9	4.8

Remarks:

YEAR OR PERIOD MEAN 0.96
ACRE-FEET 695.

STATION B 324-R

STODDARD CREEK above San Antonio Creek

LOCATION: LAT. 34°10'28", LONG. 117°40'10", ON THE LEFT (SOUTH) BANK, 800± FEET ABOVE MOUTH OF CANYON AND 5.5 ± MILES NOTHEAST OF CLAREMONT. ELEVATION OF ZERO GAGE HEIGHT 2,477.9.

DRAINAGE AREA: 1.71 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - LARGE ROCK AND GRAVEL WITH STEEP ROCKY BANKS. CONTROL - CONCRETE BROAD-CRESTED WEIR.

DISCHARGE MEASUREMENTS: ALL FLOWS BY WADING.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: OCTOBER 28, 1958 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 600. SECOND-FEET ESTIMATED NOVEMBER 22.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM: 471 SECOND-FEET DECEMBER 6.
MINIMUM: NO FLOW AT VARIOUS TIMES

1958-67
MAXIMUM: 600 SECOND-FEET ESTIMATED NOVEMBER 22,1965.
MAXIMUM: 471 SECOND-FEET DECEMBER 6,1966.
MINIMUM: NO FLOW AT VARIOUS TIMES EACH YEAR.

ACCURACY: GOOD

OPERATION: LOCATED AND CONSTRUCTED BY THE SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROLDISTRICT.

74D74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. B324-R

Daily discharge, in second-feet of STODOARD CREEK above San Antonio Creek, for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0.3	b 4.8	0.5	0.3	0.3	+	+			
2	0	0	0.2	4.0	0.5	0.3	0.3	+				
3	0	0	0.2	3.4	0.5	0.3	0.3	+				
4	0	0	0.2	2.6	0.5	0.3	0.3	0.1				
5	0	0	0.2	1.8	0.4	0.3	0.2	0.2				
6	0	0	0.2	1.4	b 2.3	0.3	0.2	0.2				
7	0	0	0.2	1.2	b 3.1	0.3	0.1	0.2				
8	0	0	0.2	1.0	a 2.5	0.3	0.1	0.2				
9	0	0	0.8	0.8	a 1.5	0.3	0.1	0.3				
10	0	0	0.5	0.6	a 1.0	0.3	0.1	0.3				
11	0	0	0.2	0.5	0.9	0.4	0.1	0.3				
12	0	0	0.8	0.4	0.9	0.4	0.2	0.2				
13	0	0	0.8	0.4	0.8	0.4	0.1	0.2				
14	0	0.4	0.5	0.5	0.8	0.5	0.1	0.2				
15	0	1.2	0.3	0.6	0.7	0.5	+	0.2				
16	0	1.2	0.3	0.7	0.6	0.5	+	0.2				
17	0	3.7	0.3	0.8	0.6	0.5	0.2	0.1				
18	0	1.4	0.3	0.9	0.6	0.5	0.3	0.1				
19	0	0.5	0.3	1.0	0.6	0.5	0.4	+				
20	0	0.2	0.3	b 1.0	0.6	0.5	0.3	+				
21	0	0.1	0.3	1.1	0.6	0.5	0.2	0.1				
22	0	b 40	0.3	1.0	0.6	0.5	0.2	0.2				
23	0	21	0.3	0.9	0.6	0.5	0.2	0.2				
24	0	25	0.3	0.8	0.5	0.6	+	+				
25	0	22	0.3	0.6	0.5	1.0	0.1	+				
26	0	6.0	0.2	0.5	0.5	0.8	+	0.1				
27	0	14	0.2	0.3	0.4	0.7		0.2	+			
28	0	12	0.2	0.3	0.4	0.6	+	+	0			
29	0	b 1.0	50	0.3		0.5		+	0			
30	0	0.5	31	0.8		0.3	+	+	0			
31	0		25	0.6		0.4		0.1				
	0	155.2	115.2	35.6	24.0	14.1	4.4	3.9	+	0	0	0
MEAN	0	5.17	3.72	1.15	0.86	0.45	0.15	0.13	+	0	0	0
ACRE-FEET	0	308.	228.	71.	48.	28.	8.7	7.7	+	0	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 0.97
ACRE-FEET 699.

RECORDER STOPPED FOR SUMMER

74D74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. B324-R

Daily discharge, in second-feet of STODDARD CREEK above San Antonio Creek, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	+	0.7	1.7	0.8	2.2	3.8	1.9	1.1	0.9	0.6
2	0	0	0.4	0.7	1.7	0.8	1.8	3.4	1.8	1.1	0.8	0.8
3	0	0	27	0.8	1.8	0.8	1.5	3.4	1.5	1.1	0.8	0.8
4	0	0	0.5	0.8	1.8	0.9	2.1	3.2	1.5	1.1	0.8	0.6
5	0	0	31	0.8	1.5	0.9	1.8	3.2	1.4	1.0	0.9	0.6
6	0	0	175	0.8	1.4	0.8	1.6	3.2	1.4	1.0	0.9	0.6
7	0	1.4	19	0.8	1.2	0.8	1.8	3.0	1.4	1.0	0.9	0.6
8	0	0.3	9.0	0.8	1.2	0.8	1.8	3.0	1.4	0.9	0.9	0.6
9	0	+	2.0	0.6	1.1	0.8	1.6	3.0	1.4	0.9	0.9	0.6
10	0		2.0	0.6	1.1	0.9	1.5	3.4	1.5	1.0	0.8	0.5
11	0		2.0	0.6	1.1	1.4	4.1	3.2	1.5	1.0	0.7	0.5
12	0		2.0	0.6	1.0	5.3	3.2	3.2	1.6	0.9	0.7	0.5
13	0		2.0	0.6	1.2	17	3.2	3.0	1.6	0.9	0.6	0.5
14	0	+	2.0	0.6	1.2	8.5	2.8	3.0	1.6	0.9	0.6	0.4
15	0	0	1.6	0.6	1.2	4.3	2.6	2.8	1.8	0.9	0.6	0.4
16	0	+	1.5	0.6	1.1	3.6	2.2	2.8	1.8	0.9	0.6	0.5
17	0	+	1.4	0.6	1.1	3.2	1.9	2.6	1.8	0.9	0.6	0.6
18	0	+	1.4	0.6	1.1	3.2	4.0	2.6	1.6	0.8	0.6	0.6
19	0	0	1.1	0.6	1.1	3.0	3.0	2.8	1.5	0.8	0.6	0.7
20	0	0	1.0	0.6	1.1	3.2	2.6	2.6	1.4	0.8	0.6	0.6
21	0	0	0.9	0.6	1.0	3.0	6.5	2.4	1.2	0.9	0.6	0.6
22	0	+	0.9	3.0	0.9	2.6	14	2.4	1.2	0.9	0.6	0.6
23	0		0.9	3.7	0.9	2.4	7.7	2.4	1.2	0.8	0.5	0.6
24	0		0.8	21	0.9	2.4	6.9	2.4	1.2	0.9	0.5	0.6
25	0		0.6	12	0.9	2.4	6.0	2.4	1.2	0.9	0.5	0.6
26	0		0.6	5.5	0.9	2.0	5.2	2.4	1.2	0.9	0.5	0.5
27	0		0.6	4.8	0.9	1.9	4.9	2.4	1.2	0.9	0.5	0.5
28	0		0.6	4.1	0.8	1.8	4.9	2.2	1.2	0.9	0.5	0.5
29	0		0.6	3.5		1.8	4.0	2.2	1.2	0.9	0.5	0.5
30	0	+	0.6	2.8		1.6	3.8	2.0	1.2	0.9	0.5	0.5
31	0		0.6	2.1		1.8		2.0		0.9	0.5	
	0	1.7	289.6	76.5	32.9	84.7	111.2	86.4	43.4	28.8	20.5	17.1
MEAN	0	0.06	9.34	2.47	1.18	2.73	3.71	2.78	1.45	0.93	0.66	0.57
ACRE-FEET	0	3.4	574.	151.	65.	168.	220.	171.	86.	57.	41.	34.

Remarks:

YEAR OR PERIOD MEAN 2.17
ACRE-FEET 1570.

STATION F43–R

SYCAMORE CANYON CHANNEL above Solway Street

LOCATION: LAT. 34° 09'24", LONG. 118°13'17", ON THE RIGHT (NORTH) SIDE OF CONCRETE DRAIN, 80± FEET ABOVE SOLWAY STREET AND ABOUT THREE MILES NORTHEAST OF GLENDALE. ELEVATION OF ZERO GAGE HEIGHT 700±.

DRAINAGE AREA: 2.7 SQUARE MILES.

CHANNEL AND CONTROL: CONTROL - CONCRETE, 8 FEET WIDE BY 8 FEET DEEP WITH 0.1 FOOT INVERT.
CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE 80± FEET BELOW STATION.

RECORDER: A WEEKLY RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE

RECORDS AVAILABLE: JANUARY 30, 1928 TO APRIL 6, 192; OCTOBER 1, 1935 TO SEPTEMBER 30, 1967. (NOT PUBLISHED FROM OCTOBER 1, 1936 TO SEPTEMBER 30, 1938 BUT AVAILABLE AT THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT OFFICE).

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: 693 SECOND-FEET NOVEMBER 24
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1966–67
MAXIMUM: 687. SECOND-FEET JANUARY 22
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1928–67
MAXIMUM: NOT DETERMINED MARCH 2, 1938
MAXIMUM: 693 SECOND-FEET NOVEMBER 24, 1965
MINIMUM: NO FLOW AT VARIOUS TIMES

ACCURACY: FAIR

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

74D714M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F43-R

Daily discharge, in second-feet of SYCAMORE CANYON CHANNEL above Solway Street for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	+	+	1.2	d 8.0	0.4	0.2	0.2	0.1	0.1	0.1	0.1	+
2			1.2	7.0	0.3	0.2	0.2	0.1	0.1	0.1	0.1	
3			0.5	6.0	0.3	0.2	0.2	0.1	0.1	0.1	0.1	
4			0.6	5.0	0.2	0.2	0.2	0.1	0.1	0.1	0.1	
5			0.5	d 4.5	0.2	0.2	0.2	0.1	0.1	0.1	0.1	
6			0.3	4.5	5.4	0.2	0.2	0.1	0.1	0.1	0.1	
7			0.2	6.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	
8			0.4	3.7	0.2	0.2	0.2	0.1	0.1	0.1	0.1	
9			15.2	1.8	0.2	0.2	0.2	0.1	0.1	0.1	0.1	
10			1.2	2.0	0.1	0.2	0.2	0.1	0.1	0.1	0.1	
11			0.3	1.2	0.1	0.2	0.1	a 0.1	0.1	0.1	0.1	
12			2.8	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1	
13		+	0.4	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1	
14		1.9	3.1	a 0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1	
15		4.1	0.4	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1	
16		19.3	0.4	0.5	+	0.2	0.1	0.1	0.1	0.1	0.1	+
17		33	0.4	0.5		0.2	0.1	0.1	0.1	0.1	0.1	+
18		3.4	0.3	0.5		0.2	0.1	0.1	0.1	0.1	0.1	2.2
19		0.5	0.2	a 0.5	+	0.2	0.1	a 0.1	0.1	0.1	0.1	0.4
20		0.4	0.2	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1	+
21		0.3	0.2	0.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	
22		104	0.2	0.8	0.2	0.2	0.1	0.1	0.1	0.1	0.1	
23		67	0.2	0.5	0.2	0.2	0.1	0.1	0.1	0.1	0.1	
24		113	0.2	0.5	0.2	1.1	0.1	0.1	0.1	0.1	0.1	
25		55	0.2	0.5	0.2	0.4	0.1	0.1	0.1	0.1	0.1	+
26		3.0	0.2	0.5	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
27		2.6	0.2	0.5	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
28		2.4	0.2	0.4	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
29		2.4	123	0.5		0.2	0.1	0.1	0.1	0.1	0.1	0.1
30		2.0	22	3.5		0.2	0.1	0.1	0.1	0.1	0.1	0.1
31	+		8.3	0.4		0.2		0.1		0.1	0.1	
	+	414.3	184.7	63.2	9.8	7.3	4.0	3.1	3.0	3.1	3.1	3.1
MEAN	+	13.7	6.0	2.0	0.35	0.24	0.13	0.10	0.10	0.10	0.10	0.10
ACRE-FEET	+	822.	366.	125.	19.4	14.	7.9	6.1	6.1	6.1	6.1	6.1

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 1.91
ACRE-FEET 1,390.

76DT6M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F43-R

Daily discharge, in second-feet of SYCAMORE CANYON CHANNEL above Solway Street, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	0.06	0.1	0.1	0.4	0.1	3.7	0.2	a 0.1	0.1	0.1	0.1
2	0.1	0.1	3.6	0.1	0.4	0.2	b 0.3	0.2	0.1	0.1	0.1	0.06
3	0.1	0.06	23	0.1	0.5	0.2	0.2	0.2	0.1	0.06	0.1	0.1
4	0.1	0.06	0.8	0.1	0.5	0.2	0.4	0.2	0.1	0.1	0.1	0.1
5	0.1	0.1	12.6	0.2	0.4	0.2	0.1	0.2	0.1	0.1	0.2	0.1
6	0.1	0.2	29	0.2	0.4	0.2	0.06	0.2	0.2	0.1	0.2	0.1
7	0.2	49	b 2.0	0.2	0.4	0.1	0.3	0.2	0.2	0.2	0.2	0.1
8	0.2	0.8	1.8	0.1	0.3	0.1	0.06	0.2	0.2	0.2	0.2	0.1
9	0.1	0.2	1.0	0.1	0.2	0.1	0.06	0.2	0.2	0.2	0.2	0.1
10	0.1	0.4	0.8	0.1	b 0.2	0.1	0.06	0.1	0.2	0.1	0.06	0.1
11	0.1	0.3	0.4	0.1	0.2	2.2	10.2	0.1	0.2	0.1	0.06	0.1
12	0.06	0.3	0.2	0.1	0.2	14	0.2	0.1	0.1	0.1	0.06	0.1
13	0.1	0.2	0.2	0.1	0.3	7.1	0.1	0.1	0.1	0.1	0.06	0.1
14	0.06	0.2	b 0.2	0.1	0.3	2.1	0.1	0.1	0.1	0.1	0.06	0.1
15	0.06	0.2	0.2	0.1	b 0.3	0.2	0.1	0.1	0.1	0.06	0.06	0.1
16	0.05	0.2	0.2	0.1	0.3	0.2	0.2	0.1	0.1	0.06	0.1	0.1
17	0.04	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.06	0.1	0.1
18	0.05	0.06	0.2	0.2	0.3	0.2	10.6	0.1	0.1	0.06	0.1	0.1
19	0.04	0.06	0.1	0.1	0.3	0.2	1.0	0.2	0.1	0.06	0.1	0.1
20	0.05	1.2	0.1	0.06	0.2	0.2	0.2	0.2	0.1	0.06	0.06	0.1
21	0.06	0.4	0.1	0.06	0.2	0.2	3.3	0.1	0.1	0.06	0.1	0.1
22	0.06	0.3	0.1	53	0.2	0.1	5.0	0.06	a 0.1	0.06	0.1	0.06
23	0.06	0.1	0.1	b 1.0	0.1	0.2	0.4	0.1	0.1	0.06	0.1	0.06
24	0.1	0.06	0.1	36	0.1	0.2	1.2	0.1	0.1	0.06	0.1	0.06
25	0.1	0.06	0.1	3.0	0.3	0.2	0.2	a 0.1	0.1	0.06	0.2	0.06
26	0.1	0.06	0.1	0.4	0.2	0.2	0.2	0.1	0.06	0.1	0.2	0.06
27	0.1	0.1	0.1	0.4	0.2	0.2	0.2	0.1	0.06	0.2	0.1	0.06
28	0.1	0.1	0.1	0.4	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.3
29	0.1	0.1	0.1	0.4		0.2	0.2	0.1	0.1	0.1	0.06	0.3
30	0.1	0.1	0.1	0.4		0.2	0.2	0.1	0.1	0.1	0.06	0.2
31	0.1		0.1	b 0.4		2.3		a 0.1		0.1	0.1	
	2.79	55.18	77.8	97.92	7.9	32.2	39.14	4.16	3.52	3.02	3.44	3.22
MEAN	0.09	1.84	2.51	3.16	0.28	1.04	1.30	0.13	0.12	0.10	0.16	0.11
ACRE-FEET	5.5	109.	154.	194.	16.	64.	78.	8.3	7.0	6.0	6.8	6.4

Remarks:

YEAR OR PERIOD MEAN 0.90
ACRE-FEET 655.

STATION F276-R

THOMPSON CREEK SPREADING GROUNDS INTAKE at Thompson Creek Dam

LOCATION: LAT. 34°08'22", LONG. 117°42'30" ON THE RIGHT (WEST) SIDE OF FLUME AND AT DOWNSTREAM END OF 3-FOOT BY 3-FOOT DIVERSION OUTLET THROUGH THOMPSON CREEK DAM. ELEVATION OF ZERO GAGE HEIGHT 1,624.45.

DRAINAGE AREA: 3.7 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - 3-FOOT BY 3-FOOT CONCRETE COVERED OUTLET WITH A TRANSITION INTO A 4-FOOT DIAMETER SEMICIRCULAR FLUME.

DISCHARGE MEASUREMENTS: ALL FLOWS BY WADING.

RECORDER: A WEEKLY RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: INFLOW TO DAM FROM COBAL AND PALMER CAN BE DIRECTED THROUGH A 3-FOOT BY 3-FOOT OUTLET TUNNEL TO THE SPREADING GROUNDS, CONTROLLED BY TWO SLIDE GATES SO THAT ANY FLOW IN EXCESS OF GATE OPENING CAPACITY IS PASSED OVER A SPILLWAY INTO RESERVOIR.

RECORDS AVAILABLE: JANUARY 14, 1941 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 0.1 SECOND-FOOT AT VARIOUS TIMES.
MINIMUM: NO FLOW AT VARIOUS TIMES.

1966-67
MAXIMUM 13. SECOND-FEET DECEMBER 8
MINIMUM: NO FLOW MOST OF THE YEAR.

1940-67
MAXIMUM: 21. SECOND-FEET FEBRUARY 24, 1943
MINIMUM: NO FLOW MOST OF EACH YEAR.

ACCURACY: GOOD

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

7ED74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F276-R

Daily discharge, in second-feet of THOMPSON CREEK SPREADING GROUNDS INTAKE at Thompson Creek Dam for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	+	0	0	0	0	0	0	0	0
2	0	0	0	+	0	0	0	0	0	0	0	0
3	0	0	0	+	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	+	0	0	0	0	0	0	0	0	0	0
23	0	|	0	0	0	0	0	0	0	0	0	0
24	0	|	0	0	0	0	0	0	0	0	0	0
25	0	+	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	+	0		0	0	0	0	0	0	0
30	0	0	+	0		0	0	0	0	0	0	0
31	0		+	0		0		0		0	0	
	0		+	+	0	0	0	0	0	0	0	0
MEAN	0	+	+	+	0	0	0	0	0	0	0	0
ACRE-FEET	0	+	+	+	0	0	0	0	0	0	0	0

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN +
ACRE-FEET +

7ED74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F276-R

Daily discharge, in second-feet of THOMPSON CREEK SPREADING GROUNDS INTAKE at Thompson Creek Dam for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	+	0	0	0	0	0
2	0	0	0	0	0	0	|	0	0	0	0	0
3	0	0	+	0	0	0	|	0	0	0	0	0
4	0	0	0	0	0	0	|	0	0	0	0	0
5	0	0	+	0	0	0	|	0	0	0	0	0
6	0	0	0.1	0	0	0	|	0	0	0	0	0
7	0	0	5.3	0	0	0	|	0	0	0	0	0
8	0	0	12.7	0	0	0	|	0	0	0	0	0
9	0	0	3.7	0	0	0	|	0	0	0	0	0
10	0	0	0.3	0	0	+	|	0	0	0	0	0
11	0	0	+	0	0	|	|	0	0	0	0	0
12	0	0	0	0	0	|	|	0	0	0	0	0
13	0	0	+	0	0	|	|	0	0	0	0	0
14	0	0	|	0	0	|	|	0	0	0	0	0
15	0	0	|	0	0	+	|	0	0	0	0	0
16	0	0	|	0	0	0	|	0	0	0	0	0
17	0	0	|	0	0	0	|	0	0	0	0	0
18	0	0	|	0	0	0	|	0	0	0	0	0
19	0	0	|	0	0	0	|	0	0	0	0	0
20	0	0	|	0	0	0	|	0	0	0	0	0
21	0	0	|	0	0	0	|	0	0	0	0	0
22	0	0	|	0.3	0	0	|	0	0	0	0	0
23	0	0	|	+	0	0	|	0	0	0	0	0
24	0	0	|	+	0	0	|	0	0	0	0	0
25	0	0	|	0.2	0	0	|	0	0	0	0	0
26	0	0	|	0.1	0	0	|	0	0	0	0	0
27	0	0	+	0.1	0	0	|	0	0	0	0	0
28	0	0	0	+	0	0	|	0	0	0	0	0
29	0	0	0	+		0	|	0	0	0	0	0
30	0	0	0	+		0	+	0	0	0	0	0
31	0		0	+		+		0		0	0	
	0	0	22.1	0.7	0	+	+	0	0	0	0	0
MEAN	0	0	0.71	0.02	0	+	+	0	0		0	0
ACRE-FEET	0	0	44.	1.4	0	+	+	0	0		0	0

RECORDER STOPPED FOR SUMMER

Remarks:

YEAR OR PERIOD MEAN 0.06
ACRE-FEET 45.

STATION F32B–R

THOMPSON CREEK below Thompson Creek Dam

LOCATION: LAT. 34°08'22", LONG. 117°42'42", ON THE RIGHT (NORTH) BANK, 300± FEET BELOW TUNNEL OUTLET OF DAM AND 2.5± MILES NORTH OF CLAREMONT. ELEVATION OF ZERO GAGE HEIGHT 1,579.94.

DRAINAGE AREA: 3.7 SQUARE MILES.

CHANNEL AND CONTROL: SAN DIMAS TYPE FLUME.

DISCHARGE MEASUREMENTS: ALL FLOWS BY WADING.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - 24-INCH VALVE.
DIVERSION - FLOW FROM COBAL AND PALMER CANYONS CAN BE DIVERTED TO SPREADING GROUNDS; DISCHARGES OVER SPILLWAY, BY-PASS STATION.

RECORDS AVAILABLE: DECEMBER 21, 1943 TO SEPTEMBER 30, 1967; PRIOR TO DECEMBER 21, 1943 SEE F32-S AND FROM MARCH 1928 TO DECEMBER 1943 SEE DAM OUTFLOW RECORDS.

EXTREMES OF DISCHARGE:

1965–66
MAXIMUM: NO FLOW ENTIRE SEASON.

1966–67
MAXIMUM: 130. SECOND-FEET DECEMBER 6
MINIMUM: NO FLOW MOST OF YEAR.

1944–67
MAXIMUM: 130. SECOND–FEET DECEMBER 6, 1966.
MINIMUM: NO FLOW MOST OF THE TIME.

ACCURACY: GOOD

OPERATION: LOCATED, CONSTRUCTED AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

TEDTCM GPO 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F32B–R

Daily discharge, in second-feet of THOMPSON CREEK below Thompson Creek Dam, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0.7	0	0	0	0	0	0	0
2	0	0	0	0	0.5	0	0	0	0	0	0	0
3	0	0	0	0	0.5	0	0	0	0	0	0	0
4	0	0	0	0	0.4	0	0	0	0	0	0	0
5	0	0	0	0	0.3	0	0	0	0	0	0	0
6	0	0	19.3	0	0.9	0	0	0	0	0	0	0
7	0	0	10.6	0	1.3	0	0	0	0	0	0	0
8	0	0	2.0	0	1.0	0	0	0	0	0	0	0
9	0	0	9.4	0	0.8	0	0	0	0	0	0	0
10	0	0	16.3	0	0.5	0	0	0	0	0	0	0
11	0	0	23	0	+	0	0	0	0	0	0	0
12	0	0	13.5	0	+	0	0	0	0	0	0	0
13	0	0	3.1	0	+	0	0	0	0	0	0	0
14	0	0	2.0	0	+	0	0	0	0	0	0	0
15	0	0	2.0	0	0	0	0	0	0	0	0	0
16	0	0	2.0	0	0	0	0	0	0	0	0	0
17	0	0	2.0	0	0	0	0	0	0	0	0	0
18	0	0	1.6	0	0	0	0	0	0	0	0	0
19	0	0	1.6	0	0	0	0	0	0	0	0	0
20	0	0	1.6	0	0	0	0	0	0	0	0	0
21	0	0	1.6	0	0	0	0	0	0	0	0	0
22	0	0	1.5	0	0	0	0	0	0	0	0	0
23	0	0	0.6	0	0	0	0	0	0	0	0	0
24	0	0	+	0	0	0	0	0	0	0	0	0
25	0	0	+	3.5	0	0	0	0	0	0	0	0
26	0	0	+	6.1	0	0	0	0	0	0	0	0
27	0	0	0	6.1	0	0	0	0	0	0	0	0
28	0	0	0	6.1	0	0	0	0	0	0	0	0
29	0	0	0	6.4		0	0	0	0	0	0	0
30	0	0	0	3.1		0	0	0	0	0	0	0
31	0		0	1.9		0		0		0	0	
	0	0	113.7	33.2	6.9	0	0	0	0	0	0	0
MEAN	0	0	3.67	1.07	0.25	0	0	0	0	0	0	0
ACRE-FEET	0	0	226.	66.	14.	0	0	0	0	0	0	0

Remarks:

YEAR OR PERIOD MEAN 0.43
ACRE-FEET 306.

STATION F54B-R

TOPANGA CREEK above Mouth of Canyon

LOCATION: LAT. 34°03'52", LONG. 118°35'10", ON THE RIGHT (WEST) DOWNSTREAM ABUTMENT OF BRIDGE, TWO MILES NORTH OF TOPANGA BEACH AND SIX MILES NORTHWEST OF SANTA MONICA. ELEVATION OF ZERO GAGE HEIGHT 265.60 FEET.

DRAINAGE AREA: 18 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - ROCK AND GRAVEL.
CONTROL - NATURAL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM CABLE CAR ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: NONE.

RECORDS AVAILABLE: JANUARY 1, 1930 TO SEPTEMBER 30, 1967.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 3,500. SECOND-FEET DECEMBER 29.
MINIMUM: PLUS FLOW AT VARIOUS TIMES.

1965-67
MAXIMUM: 2,280. SECOND-FEET JANUARY 24.
MINIMUM: 0.1 SECOND-FOOT OCTOBER 26.

1930-67
MAXIMUM: 9,300. SECOND-FEET ESTIMATED MARCH 2, 1938.
MINIMUM: NO FLOW AT VARIOUS TIMES.

ACCURACY: FAIR.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES GEOLOGICAL SURVEY.

F&D 74M Cdb 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F54B-R

Daily discharge, in second-feet of TOPANGA CREEK above Mouth of Canyon, for the year ending September 30, 1966

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.01	0.01	8.2	43	7.8	2.8	1.4	0.7	0.3	0.1	0.1	0.1
2	0.01	0.01	6.1	34	8.5	2.6	1.4	0.7	0.3	0.1	0.1	0.1
3	0.01	0.02	5.2	27	5.8	2.5	1.4	0.7	0.3	0.1	0.1	0.1
4	0.01	0.02	5.0	22	5.0	2.3	1.3	0.6	0.3	0.1	0.1	0.1
5	0.01	0.02	4.4	19	4.7	2.3	1.3	0.6	0.3	0.1	0.1	0.1
6	0.01	0.02	3.9	16	38	2.3	1.3	0.5	0.3	0.1	0.1	0.1
7	0.04	0.02	3.9	14	15	2.3	1.3	0.7	0.2	0.1	0.1	0.1
8	0.04	0.04	3.6	13	11	2.1	1.3	0.5	0.2	0.1	0.1	0.1
9	0.04	0.04	3.9	12	8.2	2.1	1.3	0.7	0.2	0.1	0.1	0.1
10	0.04	0.04	17	11	7.5	2.1	1.3	0.6	0.2	0.1	0.1	0.1
11	0.04	0.04	6.4	10	6.1	2.1	1.1	0.6	0.2	0.1	0.1	0.1
12	0.04	0.04	6.8	8.9	6.1	2.3	1.0	0.5	0.2	0.1	0.1	0.1
13	0.04	0.04	5.0	7.8	5.5	2.3	1.0	0.5	0.2	0.1	0.1	0.1
14	0.04	0.5	8.8	7.5	5.5	2.1	0.9	0.5	0.2	0.1	0.1	0.1
15	0.04	2.4	5.8	6.4	5.2	2.1	0.9	0.5	0.2	0.1	0.1	0.1
16	0.04	68	4.4	5.5	5.0	2.1	0.8	0.4	0.2	0.1	0.1	0.1
17	0.04	245	3.6	5.2	5.0	2.0	0.9	0.4	0.2	0.2	0.1	0.1
18	0.04	b 65	3.1	5.0	5.0	1.8	0.9	0.4	0.2	0.1	0.1	0.1
19	0.04	15	2.9	4.7	4.7	1.8	0.9	0.4	0.2	0.1	0.1	0.1
20	0.04	6.1	2.9	4.7	4.4	1.8	0.9	0.4	0.2	0.1	0.1	0.1
21	0.04	2.9	2.9	4.2	4.2	1.8	0.8	0.5	0.2	0.1	0.1	0.1
22	0.02	491	2.9	4.7	3.9	1.7	0.8	0.5	0.1	0.1	0.1	0.1
23	0.02	203	2.5	4.4	3.6	1.7	0.8	0.5	0.1	0.1	0.1	0.1
24	0.02	179	2.3	4.4	3.6	1.7	0.7	0.4	0.1	0.1	0.1	0.1
25	0.02	87	2.3	4.2	3.4	1.8	0.7	0.4	0.1	0.1	0.1	0.1
26	0.02	41	2.1	4.4	3.1	1.8	0.7	0.5	0.2	0.1	0.1	0.1
27	0.02	23	2.1	4.2	2.9	1.8	0.7	0.5	0.2	0.1	0.1	0.1
28	0.02	17	2.3	3.9	2.8	1.7	0.8	0.5	0.1	0.1	0.1	0.1
29	0.01	13	1,120	3.9		1.5	0.7	0.4	0.1	0.1	0.1	0.1
30	0.01	10	b198	43		1.7	0.7	0.3	0.1	0.1	0.1	0.1
31	0.01		b 62	10		1.5		0.3		0.1	0.1	
	0.83		1510.3		191.5		30.0		5.9		3.1	
		1,469.26		368.0		62.5		15.7		3.2		3.0
MEAN	0.03	49.0	48.7	11.9	6.84	2.02	1.00	0.51	0.20	0.10	0.10	0.10
ACRE-FEET	1.6	2,910.	3,000.	730.	380.	124.	60.	31.	11.7	6.3	6.1	6.0

Remarks:

YEAR OR PERIOD MEAN 10.0
ACRE-FEET 7,270.

TeDT4M G6b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F54B-R

Daily discharge, in second-feet of TOPANGA CREEK above mouth of Canyon, for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	0.1	0.2	1.0	11	2.5	12	6.1	2.0	0.8	0.3	0.2
2	0.1	0.1	9.6	1.0	11	2.5	8.9	5.8	1.8	0.8	0.3	0.2
3	0.1	0.1	91	1.0	9.2	2.5	4.2	5.5	1.7	0.7	0.3	0.2
4	0.1	0.1	6.1	1.0	8.2	2.6	9.5	5.0	1.7	0.7	0.3	0.2
5	0.1	0.1	51	1.0	7.8	2.3	6.8	5.0	1.4	0.7	0.3	0.2
6	0.1	0.1	277	1.0	6.8	2.1	4.2	4.7	1.4	0.7	0.3	0.2
7	0.1	59	51	0.9	6.4	2.3	7.5	4.2	1.4	0.7	0.3	0.2
8	0.1	2.0	17.2	0.9	5.8	2.0	4.7	3.9	1.7	0.7	0.3	0.2
9	0.1	0.4	11.5	0.9	5.5	2.0	3.9	3.9	1.5	0.6	0.3	0.2
10	0.1	0.2	8.5	0.9	5.0	2.0	3.6	3.9	1.4	0.5	0.3	0.2
11	0.1	0.2	6.4	0.9	4.7	4.2	30	3.6	1.4	0.5	0.3	0.2
12	0.1	0.2	5.0	1.0	4.4	30	10	3.6	1.3	0.5	0.3	0.2
13	0.1	0.2	3.9	0.9	4.2	31	6.8	3.1	1.3	0.5	0.3	0.2
14	0.1	0.2	2.9	0.9	4.2	12	5.8	2.9	1.2	0.5	0.3	0.2
15	0.1	0.2	2.5	0.9	3.9	7.5	5.2	2.8	1.2	0.5	0.3	0.2
16	0.1	0.2	2.1	1.0	3.9	5.8	4.7	2.8	1.2	0.4	0.2	0.2
17	0.1	0.2	2.0	1.0	3.6	5.2	4.4	2.6	1.2	0.4	0.2	0.2
18	0.1	0.2	2.0	0.9	3.4	4.4	22	2.6	1.3	0.4	0.2	0.2
19	0.1	0.2	1.8	0.9	3.4	4.2	14	2.6	1.2	0.4	0.2	0.2
20	0.1	0.3	1.8	0.9	3.1	3.9	8.9	2.6	1.1	0.3	0.2	0.2
21	0.1	0.5	1.7	0.9	2.9	3.6	17	2.6	1.1	0.3	0.2	0.2
22	0.1	0.3	1.5	220	2.9	2.9	29	2.1	1.0	0.3	0.2	0.2
23	0.1	0.3	1.5	f 60	2.8	3.1	15	2.1	1.0	0.3	0.2	0.2
24	0.1	0.3	1.4	569	2.8	2.9	21	2.0	1.0	0.3	0.2	0.2
25	0.1	0.3	1.4	f 112	3.4	2.8	13	2.0	1.0	0.2	0.2	0.2
26	0.1	0.2	1.3	46	2.9	2.8	10	2.1	0.9	0.2	0.2	0.2
27	0.1	0.2	1.3	29	2.8	2.6	8.5	2.1	0.9	0.2	0.2	0.2
28	0.1	0.2	1.2	23	2.6	2.6	10	2.1	0.9	0.2	0.2	0.3
29	0.1	0.2	1.2	19		2.6	9.2	2.0	0.9	0.2	0.2	0.2
30	0.1	0.2	1.2	15		2.5	6.8	2.0	0.9	0.3	0.2	0.2
31	0.1		1.0	13		11		2.0		0.3	0.2	
	3.1	67.0	568.2	1124.8	138.6	170.4	316.6	100.3	38.0	14.1	7.7	6.1
MEAN	0.10	2.23	18.3	36.3	4.95	5.50	10.6	3.24	1.27	0.45	0.25	0.20
ACRE-FEET	6.1	133.	1130.	2230.	275.	338.	628.	199.	75.	28.	15.	12.

Remarks:

YEAR OR PERIOD MEAN 7.00
ACRE-FEET 5070.

STATION F252-R

VERDUGO WASH at Estelle Avenue

LOCATION: LAT. 34°09'23", LONG. 118°16'29", ON THE RIGHT (NORTH) SIDE OF CHANNEL, 800 FEET EAST OF SAN FERNANDO ROAD AND ABOUT TWO MILES NORTHWEST OF GLENDALE. ELEVATION OF ZERO GAGE HEIGHT 464.78.

DRAINAGE AREA: 26.8 SQUARE MILES.

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 86 FEET WIDE BY 11 FEET DEEP TO BOTTOM OF INVERT. (1.0 FOOT BELOW BOTTOM OF SIDE WALLS).
CONTROL - FORMED BY CHANNEL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM HIGHWAY BRIDGE 850 FEET UPSTREAM.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - PARTIALLY BY VERDUGO AND OTHER DEBRIS BASINS.
DIVERSION - SEVERAL FOR DOMESTIC WATER SUPPLY AND IRRIGATION.

RECORDS AVAILABLE: DECEMBER 2, 1935 TO SEPTEMBER 30, 1967; PRIOR RECORDS AT F9-R, VERDUGO WASH AT GLENOAKS BLVD AND AT F244-R VERDUGO WASH AT DON CARLOS STREET.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 3480 SECOND-FEET DECEMBER 29
MINIMUM: 0.1 SECOND-FOOT AT VARIOUS TIMES

1966-67
MAXIMUM: 3230 SECOND-FEET JANUARY 22
MINIMUM: 0.5 SECOND-FOOT AT VARIOUS TIMES

1935-67
MAXIMUM: 4400 SECOND-FEET ESTIMATED MARCH 2 1938
MINIMUM: NO FLOW AT VARIOUS TIMES

ACCURACY: FAIR

OPERATION: LOCATED, AND CONSTRUCTED BY THE UNITED STATES CORPS OF ENGINEERS. OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT IN COOPERATION WITH THE UNITED STATES CORPS OF ENGINEERS.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F252-R

Daily discharge, in second-feet of VERDUGO WASH at Estelle Avenue for the year ending September 30, 19

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	0.2	1.8	2.8	2.5	1.5	1.5	1.0	1.5	1.5	1.5	1.2
2	0.1	0.2	2.0	2.3	2.0	1.5	1.8	1.2	1.2	1.5	2.0	1.2
3	0.1	0.2	2.0	2.0	2.0	1.5	1.8	1.2	1.2	d 1.5	1.0	1.2
4	0.2	1.2	2.0	1.8	2.3	1.5	1.8	1.0	1.5	1.5	1.0	1.2
5	0.2	2.0	1.8	2.0	2.3	1.8	1.8	1.0	1.5	1.5	1.0	1.2
6	0.2	2.0	1.5	1.8	87	2.0	1.8	1.0	1.5	1.5	d 1.0	1.2
7	0.5	2.0	1.5	1.8	2.0	1.5	1.5	0.7	1.5	1.5	1.0	1.5
8	0.5	2.0	1.8	2.0	2.0	1.5	1.2	1.5	d 1.5	1.5	1.0	b 1.2
9	0.5	2.0	117	2.3	2.0	1.5	1.5	2.0	1.5	1.5	0.7	1.2
10	0.2	1.2	9.5	2.5	2.0	1.5	1.5	1.5	1.5	1.5	0.7	1.2
11	0.1	0.2	2.3	2.8	2.0	1.5	1.3	1.2	1.5	1.5	1.0	1.2
12	0.1	0.7	14.0	3.9	2.3	1.5	1.5	1.2	1.5	1.5	1.0	1.2
13	0.2	0.2	2.5	2.8	2.0	1.5	1.5	1.2	1.5	1.5	1.0	1.2
14	0.2	44	42	2.3	1.8	1.5	1.5	1.2	1.5	d 1.5	1.0	1.2
15	0.2	60	1.8	2.3	1.8	1.8	1.8	1.2	1.5	1.2	1.0	1.2
16	0.2	184	1.5	2.3	2.0	1.8	1.8	1.0	1.5	1.2	1.0	1.2
17	0.2	596	1.5	1.8	2.0	1.2	1.8	1.0	1.5	1.2	1.0	1.2
18	0.1	96	1.8	1.8	2.0	1.2	1.8	1.0	1.2	1.5	1.0	19.0
19	0.7	2.0	1.8	1.5	2.0	1.2	1.8	1.0	1.2	1.8	1.0	3.6
20	0.7	1.8	1.8	1.5	2.0	1.0	1.5	1.0	1.0	1.8	1.0	1.2
21	0.1	0.7	1.8	1.5	1.8	1.0	1.5	1.0	1.0	1.5	1.0	b 1.2
22	0.1	1,030	2.3	1.8	2.0	1.0	2.0	1.2	0.7	1.5	0.7	1.2
23	0.1	251	1.8	1.8	2.0	1.0	1.5	1.2	0.7	1.5	0.7	1.5
24	0.1	257	1.8	1.5	2.0	2.3	1.5	1.5	1.0	1.2	0.7	1.8
25	0.1	55	1.5	1.5	2.0	2.3	1.5	1.5	1.0	1.2	0.7	1.5
26	0.1	f 6.2	1.5	1.5	2.5	2.3	1.2	1.5	1.0	1.2	0.7	1.5
27	0.2	2.5	1.5	1.5	11.8	1.5	1.2	1.5	1.2	1.5	0.7	1.8
28	0.5	1.8	1.5	1.2	9.5	1.5	1.0	1.2	1.2	1.2	0.7	1.8
29	0.5	2.3	947	1.0		1.5	1.0	1.2	1.2	1.5	0.7	7.2
30	0.5	1.8	66	48		1.5	1.0	1.2	d 1.5	1.5	0.5	1.5
31	0.5		21	1.8		1.5		1.5		1.5	d 0.5	
	9.1	2606.2	1259.6	107.4	159.6	47.4	46.4	37.6	38.8	45.0	28.5	64.5
MEAN	0.26	86.9	40.6	3.46	5.70	1.53	1.55	1.21	1.29	1.45	0.92	2.15
ACRE-FEET	16.1	5,170.	2,500.	213.	317.	94.	92.	75.	77.	89.	57.	128.

Remarks:

YEAR OR PERIOD MEAN 12.2
ACRE-FEET 8,830.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F252-R

Daily discharge, in second-feet of VERDUGO WASH at Estelle Avenue for the year ending September 30, 1967

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.2	1.0	1.0	1.5	2.0	1.2	52.	2.5	2.3	1.8	6.2	1.8
2	1.2	0.7	99	1.2	2.3	1.5	9.5	2.5	2.3	1.8	7.3	2.3
3	1.0	0.7	318	1.2	2.3	1.5	2.0	2.5	2.3	2.0	8.4	2.3
4	1.0	0.7	6.3	1.0	1.5	1.5	2.8	2.3	2.0	2.0	8.4	2.3
5	1.2	0.7	192	1.0	1.2	1.5	1.8	2.3	2.0	2.0	8.4	2.5
6	1.2	0.7	315	1.0	1.5	1.5	1.5	2.3	2.0	1.5	8.4	2.8
7	2.0	375	18.8	1.0	1.2	1.5	17.6	1.8	2.0	b 1.7	8.4	2.8
8	1.5	2.5	5.0	1.0	1.2	1.8	2.3	1.8	2.0	1.9	8.4	2.8
9	1.5	1.5	1.5	1.2	1.5	1.8	1.8	1.8	2.3	2.1	7.3	2.8
10	1.5	1.5	1.5	1.2	1.5	2.0	2.0	1.8	2.5	2.3	7.3	2.8
11	1.2	1.8	1.5	1.2	1.5	34	97	1.8	2.5	2.4	6.2	2.8
12	1.2	1.8	1.5	1.2	1.5	210	2.3	1.8	2.0	2.6	2.5	2.3
13	1.0	1.8	1.5	1.2	1.5	79	1.5	1.8	1.5	b 2.7	2.0	2.3
14	0.7	1.5	1.5	1.2	1.5	11.8	1.5	2.0	1.8	2.8	2.3	2.3
15	0.5	1.5	1.8	1.2	1.5	2.3	3.9	2.3	1.8	3.9	2.5	2.3
16	0.5	1.5	2.0	1.2	1.5	2.0	2.8	2.5	1.8	3.9	2.5	2.3
17	0.5	1.5	2.0	1.2	1.5	2.0	2.5	2.8	1.8	2.8	2.8	2.3
18	0.7	1.5	2.0	1.2	1.8	2.0	115	2.8	1.8	2.3	2.5	2.3
19	1.0	1.5	2.0	1.5	1.8	2.3	18.0	2.8	1.8	2.3	2.5	2.3
20	1.2	20	2.0	1.5	1.5	2.5	2.5	2.8	1.8	2.8	2.5	2.3
21	1.2	1.2	1.8	1.8	1.5	2.8	87	2.8	1.8	7.3	2.5	1.5
22	1.0	1.5	1.8	422	1.5	2.8	34	2.8	1.8	7.3	2.5	1.5
23	1.0	1.5	1.8	10.4	1.5	6.2	8.4	2.8	1.8	5.0	2.5	1.5
24	1.0	1.5	1.8	361	1.5	6.2	29	3.9	1.8	2.8	2.0	1.8
25	1.0	1.5	1.8	30	2.0	5.0	9.5	2.8	1.8	2.5	2.3	2.0
26	1.0	1.5	1.5	3.0	1.2	3.9	8.4	2.8	1.8	2.5	2.3	2.3
27	1.0	1.5	1.5	2.5	1.2	2.8	8.4	2.3	1.8	2.3	2.0	2.8
28	1.0	2.3	1.5	2.3	1.2	2.8	19.6	2.3	1.8	2.3	2.0	5.0
29	1.0	1.0	1.5	2.3		2.5	5.0	2.0	1.8	2.0	2.0	2.5
30	1.0	1.0	1.5	2.8		1.8	2.8	1.9	1.8	2.3	1.8	2.5
31	1.0		1.5	2.5		49		2.5		6.2	1.8	
	33.0	433.9	993.9	864.5	43.4	449.5	552.4	73.8	58.3	90.1	130.5	72.1
MEAN	1.06	14.5	32.1	27.9	1.55	14.5	18.4	2.38	1.94	2.91	4.21	2.40
ACRE-FEET	65.	861.	1,970.	1,710.	86.	892.	1,100.	146.	116.	179.	259.	143.

Remarks:

YEAR OR PERIOD MEAN 10.4
ACRE-FEET 7,530.

STATION F304-R

WALNUT CREEK at Puente Avenue

LOCATION: LAT. 34°03'45", LONG. 117°57'45", ON THE RIGHT (NORTH) SIDE OF CHANNEL, 845 FEET UPSTREAM OF PUENTE AVENUE BRIDGE IN BALDWIN PARK. ELEVATION OF ZERO GAGE HEIGHT 326.85 FEET.

DRAINAGE AREA: 57.6 SQUARE MILES. (32.3 SQUARE MILES CONTROLLED BY PUDDINGSTONE DAM)

CHANNEL AND CONTROL: CHANNEL - RECTANGULAR CONCRETE, 50 FEET WIDE BY 14.5 FEET DEEP.
CONTROL - CHANNEL FORMS CONTROL.

DISCHARGE MEASUREMENTS: LOW FLOWS BY WADING; HIGH FLOWS FROM FOOTBRIDGE ABOVE STATION.

RECORDER: A CONTINUOUS RECORDER WAS IN SERVICE FROM OCTOBER 1, 1965 TO SEPTEMBER 30, 1967.

REGULATION AND DIVERSION: REGULATION - FLOW PARTIALLY REGULATED BY SAN DIMAS DAM, PUDDINGSTONE DIVERSION DAM, PUDDINGSTONE DAM, AND LIVE OAK DAM. AT TIMES IRRIGATION COMPANIES SPREAD SAN GABRIEL RIVER WATER FROM THE COVINA CANAL IN WALNUT CREEK.
DIVERSION - SEVERAL DIVERSIONS FOR IRRIGATION AND DOMESTIC USE.

RECORDS AVAILABLE: OCTOBER 14, 1952 TO APRIL 11, 1961, AND JANUARY 3, 1962 TO SEPTEMBER 30, 1967; PRIOR RECORDS AT STATION F47-R, WALNUT CREEK, AT COVINA BOULEVARD.

EXTREMES OF DISCHARGE:

1965-66
MAXIMUM: 2,060. SECOND-FEET DECEMBER 29.
MINIMUM: 0.1 SECOND-FOOT AT VARIOUS TIMES.

1966-67
MAXIMUM: 3,360. SECOND-FEET JANUARY 24.
MINIMUM: 0.1 SECOND-FOOT AT VARIOUS TIMES.

1952-67
MAXIMUM: 3,450. SECOND-FEET JANUARY 26, 1956.
MINIMUM: NO FLOW MOST OF SOME YEARS.

ACCURACY: GOOD.

OPERATION: LOCATED, CONSTRUCTED, AND OPERATED BY THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT.

76D74M Gib 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F304-R

Daily discharge, in second-feet of WALNUT CREEK at Puente Avenue for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14.8	1.6	0.6	13.2	4.8	2.1	0.9	0.4	1.2	0.9	0.6	1.2
2	5.6	2.1	0.6	13.2	3.3	2.1	0.9	0.6	1.2	0.6	0.6	0.9
3	3.3	2.1	0.9	22	2.1	2.1	0.9	0.2	1.2	0.2	0.6	0.9
4	3.3	2.7	1.2	33	3.3	2.1	0.6	0.2	1.2	0.2	0.6	0.9
5	4.0	2.7	1.2	33	1.6	1.6	0.6	0.2	1.2	0.4	1.2	0.9
6	3.3	1.2	0.9	17.8	162	0.6	0.6	0.2	1.2	0.6	1.2	0.9
7	2.7	0.9	0.9	16.3	4.8	0.6	0.6	0.9	1.2	0.6	0.9	0.9
8	2.7	1.2	0.6	16.3	2.1	1.6	0.6	0.6	1.2	0.6	0.9	0.9
9	2.1	1.6	76	16.3	1.6	0.6	0.9	1.6	1.2	0.4	0.9	0.9
10	2.1	0.6	64	14.8	1.6	0.9	0.9	0.6	1.2	0.4	0.9	0.6
11	2.7	0.4	86	13.2	1.6	0.9	0.6	0.9	3.3	2.7	0.9	0.6
12	3.3	0.6	125	11.7	1.2	0.9	0.6	0.4	2.7	0.9	0.9	0.6
13	2.7	0.4	100	13.2	0.9	3.3	0.9	0.6	2.1	1.2	0.6	0.6
14	2.7	44	123	13.2	0.9	4.8	1.2	0.4	2.1	0.6	0.9	0.6
15	2.7	54	104	13.2	1.2	2.7	0.9	0.4	0.9	0.2	0.9	0.6
16	1.6	185	94	9.6	2.1	1.6	0.9	0.9	0.6	0.4	0.9	0.9
17	1.6	66	96	8.6	2.1	1.6	0.6	0.6	0.6	0.4	1.2	0.6
18	1.6	9.6	3.3	8.6	2.7	0.6	0.6	0.4	0.9	0.4	1.2	0.6
19	2.7	0.9	1.2	8.6	2.1	0.6	1.2	0.4	0.9	0.4	0.9	0.9
20	2.7	0.6	1.2	8.6	2.1	0.4	0.4	0.6	0.9	0.6	0.9	0.6
21	3.3	0.6	1.2	8.6	1.6	0.6	0.4	0.6	0.6	0.9	0.9	0.9
22	2.7	646	4.7	10.1	1.6	0.6	0.4	0.6	0.6	0.9	0.9	0.6
23	2.1	103	0.9	10.1	1.6	1.2	0.4	0.6	0.6	0.9	0.9	0.6
24	2.7	222	0.6	19.4	3.3	28	0.4	0.9	0.9	0.9	0.9	0.6
25	3.3	67	0.6	45	2.7	21	0.4	0.9	0.9	0.6	1.2	0.6
26	3.3	2.7	0.6	33	2.7	0.9	0.4	0.9	1.2	0.6	1.2	0.4
27	3.3	1.6	0.6	2.7	2.7	0.9	0.4	1.2	1.2	0.6	0.9	0.6
28	2.7	0.9	0.9	2.1	2.7	0.6	0.4	1.2	1.2	0.6	1.2	0.4
29	3.3	0.6	547	2.1		0.6	0.4	1.2	1.2	0.6	2.7	1.2
30	3.3	0.6	10.1	112		0.6	0.4	1.2	0.9	0.6	2.7	0.6
31	2.1		10.1	3.3		0.6		0.9		0.6	0.9	
	100.3	1423.2	1457.9	556.8	223.0	87.3	19.4	21.3	36.3	20.5	32.1	22.1
MEAN	3.24	47.4	47.0	18.0	7.96	2.82	0.65	0.69	1.21	0.66	1.04	0.74
ACRE-FEET	199.	2,820.	2,890.	1,100.	442.	173.	38.	42.	72.	41.	64.	44.

Remarks:

YEAR OR PERIOD MEAN 11.0
ACRE-FEET 7,920.

760T4M C(b 11-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No. F304-R

Daily discharge, in second-feet of WALNUT CREEK above Puente Avenue for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.4	0.6	0.1	0.9	86	0.6	87	64	1.2	0.4	1.2	22
2	0.4	0.6	39	0.6	108	0.6	2.7	56	1.2	0.4	0.9	0.4
3	0.6	0.6	292	0.6	138	0.4	0.6	59	1.6	0.4	0.9	0.4
4	0.6	0.6	4.0	1.6	138	2.7	8.1	64	1.6	0.6	0.6	0.2
5	0.6	0.6	559	0.04	130	0.4	0.9	97	2.1	0.6	0.6	0.4
6	0.4	0.9	347	0.04	47	0.4	0.6	154	2.7	0.6	0.6	0.2
7	0.6	332	16.3	0.4	17.8	0.2	29	150	2.1	0.9	0.6	0.2
8	0.6	2.7	19.4	2.7	10.1	0.2	1.6	80	1.6	0.9	0.9	0.2
9	0.6	0.4	67	3.3	1.2	0.2	0.2	45	1.2	0.9	0.9	0.2
10	8.9	0.2	111	0.9	1.2	0.2	1.2	45	1.2	1.2	0.6	0.2
11	0.4	0.2	123	0.9	1.2	24	69	38	0.9	1.2	0.6	0.1
12	0.6	0.6	119	0.6	0.9	28	0.9	38	0.9	1.2	0.6	0.1
13	0.6	0.6	99	0.6	0.6	72	0.6	40	1.2	1.2	0.6	0.1
14	0.4	0.6	98	0.6	0.4	11.4	0.6	40	1.6	1.6	0.6	0.1
15	0.4	0.4	98	0.6	0.4	0.6	0.6	19.4	0.9	1.2	0.6	0.2
16	0.4	0.4	108	0.6	0.6	0.6	0.6	2.7	0.9	0.9	0.9	0.2
17	0.4	0.4	111	0.4	0.6	0.6	0.6	a 2.6	0.6	0.6	0.6	0.2
18	0.6	0.4	111	0.4	0.6	0.4	69	2.4	0.6	0.9	0.9	0.2
19	0.4	0.4	111	0.4	0.6	0.6	39	2.2	0.6	0.4	0.6	0.2
20	0.4	0.9	90	0.4	0.6	0.4	4.0	2.0	0.6	0.9	0.6	0.2
21	0.6	0.4	94	0.4	0.9	0.4	136	1.8	0.6	0.6	0.6	0.2
22	0.6	0.1	75	409	0.9	0.4	91	1.6	0.6	0.9	0.6	0.4
23	0.6	0.4	62	55	0.6	0.2	5.6	a 1.4	0.6	0.9	0.6	0.2
24	0.6	0.4	39	685	0.6	0.2	29	1.2	0.6	0.9	1.2	0.2
25	0.6	0.4	39	31	0.6	0.4	2.7	0.9	0.6	0.6	1.2	0.2
26	0.6	0.4	33	16.3	0.9	0.4	0.4	1.2	0.6	0.6	1.6	0.4
27	0.6	0.4	14.8	29	4.0	1.2	3.3	1.2	0.4	0.6	1.2	0.2
28	0.6	0.4	19.4	90	3.3	0.9	47	1.2	0.2	0.6	1.2	4.4
29	0.9	0.6	31	90		0.9	59	1.6	0.4	0.9	1.2	0.1
30	0.9	0.1	16.3	33		0.9	64	1.2	0.4	0.9	1.2	0.2
31	0.6		1.6	33		55		2.1		0.9	1.2	
	25.5	347.7	2,945.9	1,487.28	695.6	205.4	754.8	1,016.7	30.3	25.4	26.2	32.5
MEAN	0.82	11.6	95.0	48.0	24.8	6.63	25.1	32.8	1.01	0.82	0.85	1.08
ACRE-FEET	51.	690.	5,840.	2,950.	1,380.	407.	1,500.	2,020.	60.	50.	52.	64.

Remarks:

YEAR OR PERIOD MEAN 20.8
ACRE-FEET 15,060.

STAFF GAGE STATIONS

DISCHARGE MEASUREMENTS OF ARROYO SECO F58-S

AT Avenue 26 DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
855	10/7	0825 0832	BOWMAN	8.0	0.79	0.81		0.64		.5	7		FC70
856	10/14	0855 0909	"	8.0	1.01	0.90		0.91		.5	7		"
857	10/21	0820 0829	MEAD-BOWMAN	8.0	1.10	0.89		0.98		.5	7		"
858	10/28	0810 0818	BOWMAN	8.2	0.96	0.64		0.61		.5	7		"
859	11/4	0810 0817	"	8.0	1.26	0.71		0.89		.5	7		"
860	11/10	0915 0922	"	6.5	0.72	0.76		0.55		.5	6		"
861	12/2	0850 0905	"	18.0	6.20	7.39		45.8		.5 .6	10		FC64
862	12/8	1010 1017	"	10.5	2.93	3.69		10.8		.5	8		"
863	12/16	1000 1010	"	9.0	1.52	1.65		2.5		.5	8		"
864	12/23	1342 1347	"	8.5	1.59	1.63		2.6		.5	7		"
865	1/6	1345 1352	"	17.0	5.00	8.64		43.2		.5 .6	7		"
866	1/13	0855 0905	"	9.5	2.23	1.75		3.9		.5	8		"
867	1/20	0850 0905	"	9.5	2.22	2.43		5.4		.5	8		"
868	1/27	0922 0930	"	8.5	1.54	2.34		3.6		.5	8		FC70
869	2/3	0920 0927	"	8.0	1.61	1.55		2.5		.5	7		FC64
870	2/10	0937 0946	"	8.5	1.60	1.75		2.8		.5	7		"
871	2/17	0945 0955	"	8.5	1.75	1.37		2.4		.5	7		"
872	2/24	0945 0952	"	9.5	1.65	1.40		2.3		.5	8		"
873	3/3	0945 0952	"	8.5	1.33	1.28		1.7		.5	7		"
874	3/10	0938 0945	"	9.5	1.86	1.13		2.1		.5	8		FC70
875	3/17	0932 0939	"	8.5	1.45	1.59		2.3		.5	7		"
876	3/24	0955 1005	"	8.5	1.52	1.45		2.2		.5	7		"
877	3/31	0915 0922	"	8.0	1.26	1.51		1.9		.5	7		"
878	4/7	0910 0919	"	12.0	2.86	1.75		5.0		.5	7		FC64
879	4/14	0925 0935	"	8.0	1.17	1.45		1.7		.5	7		FC70
880	4/21	0746 0756	MC BRIDE	7.2	1.17	1.28		1.5		.5	8		FC64
881	4/28	0755 0805	"	8.6	1.29	1.08		1.4		.5	10		"
882	5/5	0830 0837	BOWMAN	8.0	1.43	1.47		2.1		.5	7		FC70
883	5/12	0925 0935	"	8.0	1.32	1.21		1.6		.5	7		"
884	5/19	0922 0930	MC BRIDE - BOWMAN	10.0	1.90	1.16		2.2		.5	9		"
885	5/26	0905 0915	BOWMAN	9.5	1.98	1.11		2.2		.5	8		"
886	6/2	0920 0928	"	7.0	1.93	0.62		1.2		.5	6		"
887	6/9	0905 0920	MC BRIDE	13.5	3.96	1.14		4.5		.5	14		FC33
888	6/15	1452 1502	"	7.0	2.30	0.96		2.2		.5	8		"
889	6/23	0837 0845	"	6.0	0.96	1.35		1.3		.5	7		"
890	6/30	0820 0830	"	6.5	1.32	0.98		1.3		.6	8		"
891	7/7	0758 0808	"	7.0	1.17	1.37		1.6		.6	8		"
892	7/14	1510 1520	"	8.0	1.58	1.14		1.8		.6	9		"
893	7/21	1514 1525	"	7.5	1.50	1.33		2.0		.6	9		"
894	7/28	0815 0824	"	7.0	1.20	1.33		1.6		.6	8		"
895	8/4	0808 0820	LIZAKOWSKI - MC BRIDE	8.0	1.29	1.55		2.0		.6	9		FC59
896	8/11	0825 0836	MC BRIDE	8.0	1.64	0.98		1.6		.6	9		FC33
897	8/18	0722 0732	"	7.5	1.47	0.95		1.4		.6	9		"
898	8/25	0902 0919	"	5.5	1.26	1.43		1.8		.6	8		"
899	9/1	0935 0944	"	7.0	1.17	1.03		1.2		.6	8		"
900	9/7	0805 0812	WOOD	6.5	0.79	1.52		1.2		.5	9		FC53
901	9/15	0952 1000	MC BRIDE	6.0	1.46	1.16		1.7		.6	7		FC33
902	9/22	1640 1648	"	6.0	0.85	1.41		1.2		.6	7		"
903	9/29	0828 0840	"	10.0	2.00	1.60		3.2		.6	7		"

DISCHARGE MEASUREMENTS OF ARROYO SECO F58-S

AT Avenue 26 DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
904	10/6	0825 0834	MC BRIDE	6.5	1.03	1.26		1.3		.6	8		FC33
905	10/13	1625 1633	"	6.0	1.07	1.12		1.2		.6	7		"
906	10/20	0820 0830	"	7.0	1.24	0.97		1.2		.6	8		"
907	10/27	0742 0752	MC BRIDE-HINOJOS	7.0	1.09	1.01		1.1		.6	8		"
908	11/3	0725 0735	MC BRIDE	7.0	1.19	0.82		0.97		.6	8		"
909	11/10	0914 0922	"	7.0	1.43	1.33		1.9		.6	8		"
910	11/17	1626 1635	"	7.0	1.37	1.24		1.7		.6	8		"
911	11/23	1550 1602	"	8.0	1.26	1.11		1.4		.6	9		"
912	12/1	1625 1634	"	8.0	1.34	1.12		1.5		.6	9		"
913	12/8	1630 1641	"	15.0	4.96	6.43		31.9		.5 .6	9		"
914	12/15	0845 0856	"	9.0	1.86	1.34		2.5		.6	10		"
915	12/22	1618 1630	"	9.0	1.50	1.60		2.4		.6	10		"
916	12/29	0840 0850	"	8.0	1.31	1.83		2.4		.6	9		"
917	1/5	1626 1635	"	7.0	1.34	1.87		2.5		.6	8		"
918	1/12	1605 1620	"	13.0	4.23	2.70		11.4		.6	14		"
919	1/19	0845 0854	"	7.0	1.38	1.30		1.8		.6	8		"
920	2/2	0745 0758	"	9.0	1.84	1.85		3.4		.6	10		"
921	2/16	1612 1624	"	9.0	2.06	1.41		2.9		.6	10		"
922	2/23	0745 0755	"	7.0	1.33	2.41		3.2		.6	8		"
923	3/2	0750 0800	"	7.0	1.52	1.84		2.8		.6	8		"
924	3/9	1618 1628	"	8.0	1.37	1.31		1.8		.6	9		"
925	3/16	0802 0818	"	18.0	8.74	6.66		58.2		.6	12		"
926	3/23	0758 0810	"	9.0	2.11	1.61		3.4		.6	10		"
927	3/30	1616 1628	"	10.0	1.95	1.33		2.6		.6	11		"
928	4/20	1628 1642	"	11.0	2.34	3.34		7.8		.6	12		"
929	4/27	0800 0812	"	9.0	1.97	1.83		3.6		.6	10		"
930	5/11	0829 0838	PETERSEN	8.5	1.95	2.92		5.7		.5 .6	8		FC55
931	5/18	0805 0818	MC BRIDE	11.0	2.74	1.82		5.0		.6	12		FC33
932	5/25	1027 1042	"	13.0	3.75	1.36		5.1		.6	14		"
933	6/1	1555 1610	"	13.0	3.23	1.52		4.9		.6	10		"
934	6/8	0842 0858	"	12.0	3.38	1.24		4.2		.6	13		"
935	6/15	1605 1622	"	14.0	4.28	1.84		7.9	FLOATS		15		"
936	6/22	1606 1624	"	14.0	4.76	1.20		5.7		.6	15		"
937	6/29	1525 1537	"	8.0	1.76	2.04		3.6		.6	9		"
938	7/6	1548 1558	"	8.0	2.11	1.85		3.9		.6	9		"
939	7/13	0845 0859	CARPENTER	12.0	4.20	1.24		5.2		.6	11		FC47
940	7/20	1610 1624	MC BRIDE	11.0	3.25	1.66		5.4		.6	12		FC33
941	7/27	1605 1616	"	7.5	2.73	1.54		4.2		.6	9		"
942	8/3	0815 0835	MC BRIDE - DELGADILLO	8.0	2.26	1.62		3.7		.6	9		"
943	8/17	0808 0840	DELGADILLO	8.0	1.86	1.82		3.4		.6	9		"
944	8/31	0805 0818	MC BRIDE	8.7	1.89	1.38		2.6		.6	10		"
945	9/7	1600 1610	"	8.0	1.75	1.14		2.0		.6	9		"
946	9/15	0655 0706	"	8.0	1.46	1.30		1.9		.6	9		"
947	9/21	1612 1622	"	7.0	1.10	1.09		1.2		.6	8		"

DISCHARGE MEASUREMENTS OF AVOCADO CREEK F374-S

AT Don Julian Road DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
1	12/29	1350 / 1352	SINGER-ROBERTS	15.0	32.3	14.6		469.	FLOATS				
2	12/29	1352 / 1354	" "	15.0	32.5	13.5		381.		"	3		
3	12/29	1907 / 1911	" "	15.0	14.3	9.17		131.		"	5		
4	1/30	0812 / 0815	SINGER-DUFF	15.0	5.33	4.59		24.5		"	3		
5	2/6	1059 / 1102	SINGER-CARPENTER	15.0	9.83	9.50		91.5		"	3		
6	2/6	1632 / 1636	" "	15.0	5.33	4.96		26.4		"	3		

DISCHARGE MEASUREMENTS OF AVOCADO CREEK F374-S

AT Don Julian Road DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
7	12/6	1454 / 1458	SINGER-DALEO	15.0	7.58	5.71		43.8	FLOATS				

DISCHARGE MEASUREMENTS OF BIG ROCK CREEK F143-S

above Pallett Creek DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
733	10/13	1242 / 1252	WHISLER	8.5	2.20	1.18		2.6		.5	10		FC59
734	10/27	0938 / 0945	"	8.5	2.24	1.16		2.6		.5	10		"
735	11/12	1330 / 1342	"	8.0	1.89	1.06		2.0		.5	9		"
736	12/8	1445 / 1500	BOWMAN	33.0	18.1	3.28		59.4		.5 / .6	14		FC64
737	12/15	1425 / 1438	WHISLER	15.0	13.4	3.28		44.0		.6	14		FC41
738	12/22	1320 / 1332	"	14.0	12.7	3.28		41.6		.6	15		"
739	1/5	1400 / 1418	"	24.0	22.9	4.26		97.5		.6	22		"
740	1/12	1415 / 1432	"	22.0	20.2	4.37		88.3		.6	23		"
741	1/19	1430 / 1450	"	27.0	21.5	3.27		70.4		.6	23		"
742	1/26	1106 / 1126	"	25.0	17.7	3.42		60.6		.6	26		"
743	2/2	1416 / 1430	"	26.0	17.6	2.97		52.2		.5 / .6	24		"
744	2/9	1108 / 1128	"	30.0	18.0	3.15		56.8		.6	20		"
745	2/16	1242 / 1302	"	30.0	12.7	3.74		47.5		.5 / .6	23		"
746	3/9	1302 / 1315	"	CHANNELS				35.6		.5 / .6	16		"
747	3/16	N.R.	"	"	"	"		31.8		.5 / .6	14		"
748	3/30	1300 / 1312	"	"	"	"		28.2		.5	16		"
749	4/6	1412 / 1426	"	"	"	"		27.4		.5 / .6	16		"
750	4/13	1355 / 1405	"	"	"	"		26.2		.5 / .6	17		"
751	4/20	1300 / 1312	"	"	"	"		26.7		.5 / .6	17		"
752	4/27	1320 / 1330	"	"	"	"		7.3		.5	10		"
753	5/4	1235 / 1252	BOWMAN-WHISLER	"	"	"		10.7		.5	22		"
754	5/12	1410 / 1420	WHISLER	"	"	"		10.3		.5 / .6	16		"
755	5/18	1310 / 1322	"	"	"	"		11.7		.5	12		"
756	5/25	1240 / 1252	WHISLER	CHANNELS				12.1		.5	13		FC41
757	6/1	1330 / 1340	WHISLER	CHANNELS				13.0		.5	12		FC41
758	6/8	1450 / 1500	BOWMAN	15.0	7.38	1.45		10.7		.5	16		FC64
759	6/15	1450 / 1502	"	13.9	7.21	1.39		10.0		.5	15		"
760	6/23	1418 / 1430	"	13.8	7.44	1.44		10.7		.5	16		"
761	6/29	1430 / 1444	"	13.9	7.01	1.30		9.1		.5	12		"
762	7/6	1130 / 1138	"	14.1	6.73	1.28		8.6		.5	12		"
763	7/13	1232 / 1344	"	13.9	6.19	1.16		7.2		.5	16		"
764	7/20	1150 / 1200	"	14.0	6.48	1.22		7.9		.6	16		"
765	7/27	1300 / 1312	"	13.9	6.21	1.14		7.1		.5	16		"
766	8/3	1330 / 1342	"	13.8	6.27	1.21		7.6		.5	16		"
767	8/10	1250 / 1302	"	13.6	5.73	1.03		5.9		.5	15		"
768	8/17	1400 / 1415	"	13.8	5.66	1.02		5.8		.5	16		"
769	8/31	1120 / 1130	"	14.0	5.63	0.99		5.6		.5 / .6	12		"
770	9/14	1305 / 1316	"	13.5	5.19	0.93		4.8		.5	11		"
771	9/27	1338 / 1350	"	10.8	4.28	0.96		4.1		.5	11		FC64

DISCHARGE MEASUREMENTS OF BIG ROCK CREEK F143-S

above Pallett Creek DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
772	10/14	1225 / 1236	BOWMAN	10.8	4.73	0.97		4.6		.5	11		FC70
773	10/26	1340 / 1350	"	10.8	4.59	0.98		4.5		.5	10		FC68
774	11/9	1445 / 1456	"	11.5	5.94	1.46		8.7		.6	10		FC64
775	11/23	1425 / 1435	"	11.4	5.74	1.39		8.0		.5	10		"
776	11/30	1355 / 1405	"	11.5	4.64	0.94		4.2		.6	10		"
777	12/14	1426 / 1440	BOWMAN-WHISLER	20.5	8.27	1.59		13.2		.5 / .6	16		FC68
778	12/21	1140 / 1147	MEAD-BOWMAN	11.0	6.50	1.63		10.6		.5	9		"
779	12/28	1445 / 1455	BOWMAN	19.0	6.75	1.54		10.4		.5	14		"
780	1/4	1335 / 1345	"	11.8	6.07	2.12		12.9		.6	10		"
781	1/11	1440 / 1450	"	12.3	6.54	2.36		15.4		.5	9		"
782	1/18	1445 / 1455	"	11.7	6.66	2.26		14.9		.5 / .6	10		"
783	2/1	1415 / 1428	"	20.9	11.9	2.24		26.7		.5	16		FC64
784	2/8	1330 / 1343	"	21.0	12.1	2.16		26.1		.5	16		"
785	2/15	1105 / 1118	"	20.5	11.0	1.95		21.5		.5	16		"
786	2/21	1325 / 1340	"	21.6	11.5	1.73		19.9		.5	17		"
787	3/1	1410 / 1422	"	20.4	9.71	1.75		17.0		.5	19		"
788	3/8	1205 / 1215	BOWMAN-MEAD	17.8	8.79	1.68		14.8		.6	15		"
789	3/15	1400 / 1412	BOWMAN	17.7	9.76	2.54		24.8		.5	14		"
790	3/22	1445 / 1453	"	23.0	12.3	2.16		26.6		.6	13		"
791	3/29	1250 / 1302	"	21.5	13.2	2.20		29.0		.6	13		FC68
792	4/5	1435 / 1446	"	23.5	13.4	2.02		27.1		.6	17		"
793	4/12	1425 / 1436	"	24.5	15.8	2.47		39.0		.5 / .6	16		FC64
794	4/19	1425 / 1435	"	29.0	16.4	2.48		40.7		.5 / .6	17		"

DISCHARGE MEASUREMENTS OF BIG ROCK CREEK F143-S

above Pallett Creek DURING THE YEAR ENDING SEPTEMBER 30, 1967

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
795	4/21	1355 / 1405	BOWMAN	CHANNELS				38.3		.6	17		FC68
796	4/26	1305 / 1316	"	"	"	"		32.9		.6	20		"
797	5/3	1515 / 1530	"	27.5	17.3	2.87		49.6		.6	17		"
798	5/10	1315 / 1325	"	28.0	23.1	4.00		92.4		.6	17		"
799	5/17	1320 / 1330	"	28.0	21.0	3.34		70.1		.6	17		"
800	5/24	1515 / 1526	"	29.0	22.2	3.39		75.1		.6	18		"
801	5/31	1345 / 1353	MEAD	23.0	17.0	3.46		58.8		.6	10		FC64
802	6/7	1515 / 1527	BOWMAN	CHANNELS				45.9		.6	20		FC68
803	6/14	1450 / 1510	"	"	"	"		43.3		.6	20		"
804	6/21	1300 / 1312	"	"	"	"		42.0		.6	18		"
805	6/28	1300 / 1316	"	"	"	"		32.9		.5	20		"
806	7/5	1335 / 1345	MEAD	"	"	"		29.8		.6	14		"
807	7/12	1235 / 1248	BOWMAN	"	"	"		23.7		.5	20		"
808	7/20	1320 / 1333	"	"	"	"		21.9		.5	18		"
809	7/26	1240 / 1254	"	"	"	"		20.1		.5 .6	19		"
810	8/2	1340 / 1354	"	"	"	"		16.9		.6	18		"
811	8/9	1240 / 1255	"	"	"	"		12.4		.5	17		"
812	8/16	1402 / 1418	"	"	"	"		17.4		.6	18		"
813	9/6	1335 / 1345	"	15.5	7.15	1.76		12.6		.6	12		"
814	9/20	1430 / 1439	"	14.5	5.04	1.51		7.6		.5	12		"

DISCHARGE MEASUREMENTS OF BIG ROCK CREEK F295-S

above Rising Water DURING THE YEAR ENDING SEPTEMBER 30, 1966

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
258	12/8	1350 / 1412	BOWMAN	21.7	15.9	2.58		41.0		.5	17		FC64
259	12/15	1345 / 1405	WHISLER	17.0	15.6	2.68		41.8		.5 .6	18		FC41
260	12/22	1158 / 1215	"	17.0	14.6	2.54		37.0		.6	18		"
261	2/9	1030 / 1044	"	21.0	12.0	3.64		43.7		.6	13		"
262	2/16	1158 / 1216	"	21.0	11.6	3.75		43.6		.5 .6	22		"
263	3/9	1225 / 1242	"	CHANNELS				30.6		.5 .6	18		"
264	3/30	1220 / 1235	"	"	"	"		24.6		.5 .6	18		"
265	4/6	1246 / 1300	"	"	"	"		22.9		.5 .6	16		"
266	4/13	1250 / 1302	"	"	"	"		22.9		.5 .6	16		"
267	4/20	1140 / 1204	"	"	"	"		22.5		.5 .6	16		"
268	4/27	1214 / 1220	"	8.0	3.04	0.66		2.0		.5	7		"
269	5/4	1150 / 1200	BOWMAN-WHISLER	CHANNELS				7.5		.5	15		"
270	5/12	1045 / 1055	WHISLER	"	"	"		8.4		.5	9		"
271	5/18	1201 / 1207	"	"	"	"		9.9		.5	10		"
272	5/25	1400 / 1410	"	"	"	"		10.4		.5	9		"
273	6/1	1228 / 1238	"	"	"	"		8.4		.5	8		"
274	6/8	1403 / 1411	BOWMAN	9.6	4.19	1.62		6.8		.5	12		FC64
275	6/15	1315 / 1333	"	CHANNELS				6.4		.5	16		"
276	6/23	1345 / 1356	"	"	"	"		7.0		.5	17		"
277	6/29	1305 / 1322	"	"	"	"		5.5		.5	17		"
278	7/6	1205 / 1215	"	11.6	4.31	1.11		4.8		.5	16		"
279	7/13	1205 / 1219	"	CHANNELS				3.7		.5	17		"
280	7/20	1102 / 1117	"	10.7	3.92	0.92		3.6		.5	15		"
281	7/27	1135 / 1147	BOWMAN	CHANNELS				2.8		.5	15		FC64
282	8/3	1235 / 1244	BOWMAN	"	"	"		3.4		.5	14		"
283	8/10	1145 / 1155	"	"	"	"		1.8		.5	13		"
284	8/17	1230 / 1240	"	6.5	2.21	0.86		1.9		.5	9		"
285	8/31	1215 / 1223	"	6.4	1.98	0.76		1.5		.5	9		"
286	9/14	1210 / 1216	"	5.1	1.32	0.52		0.69		.5	7		"
287	9/27	1235 / 1240	"	5.1	0.86	0.34		0.29		.5	7		"

DISCHARGE MEASUREMENTS OF BIG ROCK CREEK F295-S

above Rising Water DURING THE YEAR ENDING SEPTEMBER 30, 1967

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
288	10/14	1100 / 1108	BOWMAN	5.1	1.42	0.65		0.92		.5	8		FC70
289	11/9	1352 / 1400	"	8.5	3.70	1.54		5.7		.5	9		FC64
290	11/29	1350 / 1357	"	8.5	3.47	1.07		3.7		.5	9		"
291	11/30	1300 / 1310	"	7.0	1.53	0.53		0.81		.5	9		"
292	12/14	1410 / 1415	BOWMAN-WHISLER	8.5	3.74	2.30		8.6		.6	10		FC68
293	12/21	1113 / 1120	MEAD-BOWMAN	8.8	4.07	1.72		7.0		.5	10		"
294	12/28	1342 / 1348	BOWMAN	7.8	4.00	1.80		7.2		.5 .6	10		"
295	1/4	1240 / 1250	"	7.8	4.89	2.14		10.5		.5	11		"
296	1/11	1340 / 1350	"	7.8	5.17	2.03		10.5		.5	11		"
297	1/18	1405 / 1417	"	8.0	5.30	2.09		11.1		.5	11		"
298	2/1	1345 / 1353	"	16.5	7.95	2.62		20.8		.5	13		FC64
299	2/8	1245 / 1252	"	13.5	9.92	2.25		22.3		.5	11		"
300	2/15	1210 / 1220	"	14.0	8.37	1.79		15.0		.5	11		"
301	2/21	1240 / 1250	"	9.5	7.01	1.91		13.4		.5	11		"
302	3/1	1255 / 1305	"	9.2	7.33	1.49		10.9		.5	11		"
303	3/8	1134 / 1140	BOWMAN-MEAD	9.3	7.42	1.58		11.7		.6	11		"
304	3/15	1300 / 1315	BOWMAN	CHANNELS				18.8		.6	17		"
305	3/22	1408 / 1418	"	"	"	"		20.3		.5	16		"
306	3/29	1155 / 1205	"	"	"	"		21.6		.6	19		FC68
307	4/5	1345 / 1400	"	"	"	"		24.3		.5	17		FC64
308	4/12	1313 / 1330	"	"	"	"		30.2		.6	20		"
309	4/19	1320 / 1340	"	"	"	"		36.1		.5 .6	22		"
310	5/3	1420 / 1431	"	23.5	14.1	2.75		38.8		.6	14		FC68

DISCHARGE MEASUREMENTS OF BIG ROCK CREEK F295-S

above Rising Water DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
311	5/10	1200 / 1215	BOWMAN	CHANNELS				85.3		.6	20		FC68
312	5/17	1200 / 1220	BOWMAN	"	"	"		63.8		.6	19		"
313	5/24	1330 / 1400	"	"	"	"		70.7		.6	25		"
314	5/24	1430 / 1505	BOWMAN-LINDSEY	"	"	"		62.9		.6	27		"
315	5/31	1236 / 1254	MEAD	"	"	"		52.5		.6	11		FC64
316	6/7	1410 / 1439	BOWMAN	"	"	"		43.4		.6	29		FC68
317	6/14	1300 / 1330	"	"	"	"		41.6		.5	22		"
318	6/14	1400 / 1420	"	"	"	"		40.9		.6	21		"
319	6/21	1215 / 1227	"	21.5	13.6	2.88		39.1		.5	12		"
320	6/28	1205 / 1217	"	20.0	12.5	2.48		31.0		.6	15		"
321	7/5	1313 / 1319	MEAD	10.8	9.15	2.50		22.8		.6	8		"
322	7/12	1115 / 1125	BOWMAN	19.0	9.78	1.80		17.6		.5	14		"
323	7/20	1220 / 1230	"	18.7	9.84	1.85		18.2		.5	14		"
324	7/26	1125 / 1135	"	18.5	9.66	1.86		18.0		.5	14		"
325	8/2	1243 / 1255	"	18.0	8.56	1.33		11.4		.6	14		"
326	8/9	1120 / 1131	"	17.5	7.38	1.00		7.4		.5	13		"
327	8/16	1245 / 1255	"	18.0	8.60	1.37		11.8		.6	14		"
328	9/6	1220 / 1228	"	14.0	7.31	1.27		9.3		.5	9		"
329	9/20	1335 / 1345	"	13.5	5.69	0.97		5.5		.5	11		"

DISCHARGE MEASUREMENTS OF BIG ROCK CREEK F171-S

NEAR Valyermo Highway DURING THE YEAS ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
453	10/13	1046 / 1050	WHISLER	4.0	0.40	1.00		0.40		.5	5		FC59
	10/27	1200	"					0.25		EST.			
454	11/12	1550 / 1555	"	4.0	0.58	0.47		0.27		.5	5		FC59
455	12/8	1312 / 1323	BOWMAN	CHANNELS				43.1		.5	16		FC64
456	12/15	1255 / 1318	WHISLER	"	"	"		38.3		.5 / .6	24		FC41
457	12/22	1116 / 1140	"	"	"	"		34.4		.6	31		"
458	1/5	1035 / 1058	"	26.0	22.0	4.69		103.		.6	25		"
459	1/12	1218 / 1235	"	25.5	20.1	3.62		72.6		.6	15		"
460	1/19	1242 / 1304	"	25.0	17.4	3.57		62.1		.6	23		"
461	1/26	1155 / 1215	"	25.0	16.2	3.02		48.9		.6	25		"
462	2/2	1238 / 1250	"	16.0	12.6	3.49		44.0		.6	16		"
463	2/9	0952 / 1015	"	25.0	16.2	3.07		49.7		.6	23		"
464	2/16	1122 / 1140	"	24.0	13.7	3.07		42.1		.5 / .6	22		"
465	3/9	1143 / 1158	"	24.0	12.6	2.42		30.5		.5 / .6	14		"
466	3/16	1230 / 1240	"	21.0	11.7	2.54		29.7		.6	11		"
467	3/30	1152 / 1202	"	14.0	9.22	2.43		22.4		.6	12		"
468	4/6	1200 / 1210	"	CHANNELS				23.5		.5 / .6	12		"
469	4/13	1225 / 1235	"	"	"	"		23.7		.5 / .6	15		"
470	4/20	1105 / 1115	"	"	"	"		24.4		.5 / .6	16		"
471	4/27	1145 / 1156	"	"	"	"		22.8		.5 / .6	16		"
472	5/4	1048 / 1104	BOWMAN-WHISLER	"	"	"		17.0		.5 / .6	20		"
473	5/12	1035 / 1045	WHISLER	"	"	"		17.1		.5 / .6	15		"
474	5/18	1123 / 1132	"	"	"	"		15.0		.5 / .6	9		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
475	5/25	1155 / 1205	WHISLER	CHANNELS				14.6		.5 / .6	13		FC41
476	6/1	1205 / 1212	"	CHANNELS				15.6		.5	14		"
477	6/8	1318 / 1327	BOWMAN	11.0	6.10	1.68		10.2		.5 / .6	13		FC64
478	6/15	1138 / 1145	"	10.1	6.02	1.61		9.7		.5	11		"
479	6/23	1256 / 1310	"	13.6	6.44	1.59		10.2		.5	17		"
480	6/29	1215 / 1230	"	CHANNELS				8.2		.5 / .6	14		"
481	7/6	1240 / 1253	"	11.8	4.34	1.27		5.5		.5	16		"
482	7/13	1053 / 1106	"	CHANNELS				5.9		.5	15		"
483	7/20	1016 / 1030	"	"	"	"		4.8		.5	12		"
484	7/27	1040 / 1050	"	8.1	3.47	1.18		4.1		.5	12		"
485	8/3	1200 / 1211	"	CHANNELS				4.9		.5	12		"
486	8/10	1110 / 1122	"	"	"	"		2.8		.5	12		"
487	8/17	1130 / 1139	"	"	"	"		3.1		.5	12		"
488	8/31	1245 / 1255	"	"	"	"		2.4		.5	12		"
489	9/14	1136 / 1146	"	6.9	2.55	0.67		1.7		.5	9		"
490	9/27	1207 / 1214	"	5.9	2.13	0.61		1.3		.5	8		"

DISCHARGE MEASUREMENTS OF BIG ROCK CREEK F171-S

NEAR Valyermo Highway DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
491	10/14	1025 / 1035	BOWMAN	6.0	2.39	0.88		2.1		.5	8		FC70
492	10/26	1155 / 1202	"	6.1	2.47	0.93		2.3		.5	8		FC68
493	11/9	1313 / 1321	"	9.0	5.12	1.04		5.3		.5	10		FC64
494	11/23	1303 / 1312	"	9.0	5.02	1.04		5.2		.5 / .6	10		"
495	11/30	1220 / 1230	"	7.0	2.67	0.34		0.91		.5	7		"
496	12/14	1213 / 1235	BOWMAN-WHISLER	CHANNELS				24.5		.6	21		FC68
497	12/21	1043 / 1056	MEAD-BOWMAN	"	"	"		14.1		.5	16		"
498	12/28	1255 / 1311	BOWMAN	"	"	"		13.1		.5	20		FC64
499	1/4	1200 / 1215	"	"	"	"		13.4		.5	20		FC68
500	1/11	1248 / 1300	"	"	"	"		12.7		.5	16		"
501	1/18	1315 / 1328	"	10.8	5.87	2.20		12.9		.5	12		"
502	2/1	1255 / 1305	"	16.5	10.2	3.03		30.8		.5	13		FC64
503	2/8	1150 / 1200	"	16.5	10.2	2.26		23.1		.5 / .6	13		"
504	2/15	1300 / 1309	"	16.0	7.79	2.40		18.7		.5	11		"
505	2/21	1205 / 1215	"	16.5	7.82	2.20		15.9		.5	13		"
506	3/1	1205 / 1215	"	16.0	7.13	1.74		12.4		.5	13		"
507	3/8	1112 / 1124	BOWMAN-MEAD	CHANNELS				12.5		.6	18		"
508	3/15	1215 / 1225	BOWMAN	16.5	9.84	2.88		28.3		.6	13		"
509	3/22	1338 / 1352	"	CHANNELS				31.3		.5	15		"
510	3/29	1110 / 1120	"	16.5	10.8	2.61		28.2		.5	13		FC68
511	4/5	1245 / 1300	"	CHANNELS				28.4		.6	17		FC64
512	4/12	1215 / 1227	"	"	"	"		37.2		.5	17		"
513	4/19	1235 / 1248	"	"	"	"		42.7		.6	16		"

DISCHARGE MEASUREMENTS OF BIG ROCK CREEK F171-S

NEAR Valyermo Highway DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
514	4/21	1210 / 1221	BOWMAN	"	"	"		39.7		.6	18		FC68
515	5/3	1345 / 1353	"	20.0	14.7	3.54		52.0		.6	13		"
516	5/10	1100 / 1116	"	22.0	21.9	4.88		107.		.6	14		"
517	5/17	1108 / 1120	"	CHANNEL 5				64.7		.6	17		"
518	5/24	1252 / 1308	"	"	"	"		72.5		.5	21		"
519	5/31	1154 / 1204	MEAD	21.5	14.4	3.61		52.0		.6	9		FC64
520	6/7	1330 / 1340	BOWMAN	20.5	13.3	3.59		49.1		.5	12		FC68
521	6/14	1200 / 1212	"	20.5	16.2	2.79		45.2		.6	12		"
522	6/21	1120 / 1132	"	22.0	15.4	2.50		38.5		.6	13		"
523	6/28	1120 / 1133	"	20.9	12.9	2.08		26.8		.6	15		"
524	7/5	1248 / 1250	MEAD	21.5	11.6	1.85		21.5		.6	10		"
525	7/12	1015 / 1025	BOWMAN	20.0	10.5	1.89		19.9		.5	12		"
526	7/20	1115 / 1126	"	20.0	10.8	1.67		18.0		.5	15		"
527	7/26	1015 / 1022	"	20.0	9.93	1.57		15.6		.5	15		"
528	8/2	1140 / 1150	"	19.5	8.71	1.56		13.6		.5	15		"
529	8/9	1038 / 1049	"	19.0	9.39	1.38		13.0		.6	15		"
530	8/16	1153 / 1204	"	19.5	9.89	1.27		12.6		.5	14		"
531	9/6	1110 / 1122	"	17.5	6.78	1.33		9.0		.5	14		"
532	9/20	1255 / 1303	"	15.0	5.75	1.13		6.5		.5	12		"

DISCHARGE MEASUREMENTS OF BIG TUJUNGA WASH F155-S

AT Foothill Boulevard DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
1	4/7	1510 / 1516	HYDE	5.5	1.46	0.75		1.1		.6	7		FC43
	4/28	1615	"					0.1		EST			
2	9/15	1507 / 1515	"	4.0	1.52	1.25		1.9		.6	7		FC40

DISCHARGE MEASUREMENTS OF BIG TUJUNGA WASH F155-S

AT Foothill Boulevard DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
3	10/27	1606 / 1612	HYDE	3.3	0.81	1.02		0.83		.6	5		FC40
4	12/29	1536 / 1550	"	13.5	7.17	1.78		12.7		.6	13		FC58
5	2/16	1525 / 1542	"	23.5	17.5	1.66		29.1		.6	13		"
6	3/9	1550 / 1605	"	17.0	9.79	1.34		13.1		.6	12		"
7	6/29	1545 / 1600	"	18.0	24.8	0.93		23.1		.6	12		FC40

DISCHARGE MEASUREMENTS OF BOUQUET CREEK F284-S

1.5 miles above Texas Canyon DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
951	10/7	1150 / 1200	WHISLER	8.5	3.49	0.97		3.4		.5	9		FC41
	10/14	1115	"					0.05		EST			
952	12/2	1258 / 1301	"	4.0	0.96	0.66		0.63		.5	5		FC59
953	12/16	1318 / 1322	"	3.0	0.62	0.50		0.31		.5	4		"
	1/13	1240	"					0.30		EST			
	1/20	1300	"					0.50		"			
	1/27	1235	"					0.30		"			
	2/3	1135	"					0.30		"			
	2/10	0900	"					0.50		"			
	2/17	1230	"					0.50		"			
	2/23	1220	WHISLER					0.50		EST			
	3/3	1230	"					0.50		"			
954	3/10	1335 / 1340	"	4.0	0.74	0.78		0.58		.5	5		FC41
955	3/17	1320 / 1326	"	8.0	2.28	2.32		5.3		.5	7		"
956	3/23	0932 / 0938	"	12.0	2.71	1.62		4.4		.5	8		"
957	3/31	1308 / 1313	"	7.0	1.80	1.83		3.3		.5	7		"
958	4/7	1134 / 1140	"	11.0	4.03	2.21		8.9		.5	8		"
959	4/14	1204 / 1210	"	9.5	4.45	2.45		10.9		.5	7		"
960	4/21	1258 / 1305	"	13.0	3.74	1.34		5.0		.5	8		"
961	4/28	1318 / 1323	"	8.5	3.27	1.50		4.9		.5	10		"
962	5/5	1234 / 1240	"	9.0	2.67	1.80		4.8		.5	7		"
963	5/11	1350 / 1356	BOWMAN-WHISLER	12.5	4.15	1.30		5.4		.5	10		"
964	5/19	1154 / 1202	WHISLER	13.5	7.05	1.60		11.3		.5	9		"
965	5/26	1300 / 1306	"	14.0	6.60	1.71		11.3		.5 .6	8		"
966	6/2	1147 / 1155	"	12.0	4.70	2.06		9.7		.5	7		"
967	6/9	1417 / 1428	BOWMAN	13.1	6.48	1.50		9.7		.5	11		FC64
968	6/16	1430 / 1438	"	8.6	3.46	1.76		6.1		.5	10		"
969	6/22	1210 / 1217	"	8.8	4.48	1.43		6.4		.5	8		"
970	6/30	1336 / 1346	"	9.4	3.72	1.67		6.2		.5	9		"
971	7/7	1300 / 1310	"	12.6	4.49	1.31		5.9		.5	10		"
972	7/14	1440 / 1448	"	9.0	3.92	2.14		8.4		.5	8		"
973	7/21	1220 / 1230	"	11.0	6.79	1.18		8.0		.6	12		"
974	7/28	1317 / 1323	"	13.0	5.69	1.27		7.2		.5	10		"
975	8/4	1235 / 1245	"	12.0	7.62	1.27		9.7		.5	13		"
976	8/11	1223 / 1237	"	13.7	6.96	1.29		9.0		.5	15		"
977	8/18	1215 / 1225	"	11.5	7.02	1.34		9.4		.5 .6	13		"
978	8/25	1230 / 1242	"	14.2	5.92	1.50		8.9		.5	12		"
979	9/1	1135 / 1146	"	14.3	5.66	1.78		10.1		.5	12		"
980	9/8	1315 / 1323	"	6.5	1.71	1.00		1.7		.5	8		"
981	9/15	1117 / 1123	"	4.5	1.67	0.84		1.4		.5	6		"
982	9/22	1300 / 1310	"	6.0	1.71	0.94		1.6		.5	7		"
	9/29	1220	"					0.3		EST			

DISCHARGE MEASUREMENTS OF BOUQUET CREEK F284-S

1.5 Miles above Texas Canyon DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
	10/6	1145	BOWMAN					+		EST			
	10/13	1130	"					0		"			
984	4/6	1425 / 1430	"	7.5	1.73	1.68		2.9		.5	6		FC68
985	4/13	1425 / 1432	"	11.0	2.44	1.48		3.6		.5	8		FC64
986	4/20	1430 / 1435	"	7.0	2.17	2.58		5.6		.5	7		FC68
987	4/27	1230 / 1236	"	12.5	4.61	2.36		10.9		.5	10		"
988	5/4	1116 / 1121	"	12.0	5.33	2.84		15.1		.5	9		"
989	5/11	1320 / 1326	"	11.0	5.65	2.39		13.5		.5	8		"
990	5/18	1345 / 1352	"	12.5	5.45	2.86		15.6		.6	11		"
991	5/24	1025 / 1035	"	12.8	6.07	2.47		15.0		.5	11		"
992	6/1	1245 / 1252	MEAD	13.5	5.68	2.89		16.4		.6	7		FC64
993	6/8	1230 / 1238	BOWMAN	13.5	6.18	2.12		13.1		.5	11		FC68
994	6/15	1050 / 1056	"	12.5	5.55	2.77		15.4		.5	10		"
995	6/22	1200 / 1210	"	13.1	5.85	2.79		16.3		.5	11		"
996	6/29	1240 / 1250	"	13.3	5.68	2.48		14.1		.6	11		"
997	7/6	1246 / 1252	MEAD	14.8	5.81	2.51		14.6		.6	9		"
998	7/13	1115 / 1128	BOWMAN	12.5	5.20	2.43		12.6		.5	11		"

DISCHARGE MEASUREMENTS OF BOUQUET CREEK F284-S

1.5 Miles above Texas Canyon DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
999	7/19	1012 / 1020	BOWMAN	11.5	4.80	3.29		15.8		.5	10		FC68
1000	7/27	1030 / 1037	"	13.5	8.82	1.56		13.8		.5	11		"
1001	8/2	1143 / 1149	"	8.0	3.07	1.69		5.2		.5	9		"
1002	8/10	1025 / 1030	"	6.0	2.86	1.64		4.7		.5	7		"
1003	8/17	1125 / 1132	"	10.0	6.07	2.29		13.9		.5	11		"
1004	8/24	1154 / 1202	MEAD	16.5	3.76	0.98		3.7		.6	6		"
1005	8/31	1115 / 1123	BOWMAN	7.5	2.70	1.30		3.5		.6	9		"
1006	9/7	1120 / 1130	"	6.0	2.05	1.27		2.6		.5	7		"
1007	9/14	1225 / 1231	"	5.5	1.91	1.36		2.6		.5	7		"
1008	9/21	1053 / 1058	"	5.7	2.05	1.07		2.2		.5	6		"
1009	9/28	1117 / 1122	"	7.0	2.26	1.41		3.2		.5	7		"

DISCHARGE MEASUREMENTS OF BUENA VISTA CHANNEL F339-S

above Buena Vista Pit DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
36	11/14	2216 / 2223	BROOK - LUYENDYK	12.4	3.90	7.08		27.6		.6	9		FC63
37	11/15	1122 / 1134	BROOK	12.0	1.15	2.09		2.4		.6	14		FC74
38	11/16	1445 / 1454	LUYENDYK - BROOK	12.8	5.00	8.62		43.1		.6	9		FC63
39	11/16	2140 / 2150	" "	12.4	2.94	5.99		17.6		.6	9		"
40	2/6	1514 / 1520	BROOK - LUYENDYK	12.2	3.75	6.18		23.2	FLOATS	9			

DISCHARGE MEASUREMENTS OF BUENA VISTA CHANNEL F339-S

above Buena Vista Pit DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
41	12/5	1126 / 1133	BROOK-CARPENTER	12.8	5.55	10.2		56.7		.6	9		FC63
42	1/22	2143 / 2150	" "	12.8	5.69	9.95		56.5		.6	9		"

DISCHARGE MEASUREMENTS OF CASTAIC CREEK F140-S

AT Elizabeth Lake Canyon Highway DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
64	12/2	0907 / 0920	WHISLER	27.5	13.1	11.2		14.7		.5 .6	16		FC41
65	12/9	1431 / 1443	WHISLER-GAETZ	21.0	5.47	0.79		4.3		.5	11		"
66	12/16	1202 / 1208	WHISLER	11.0	3.06	1.18		3.6		.5	7		"
67	12/23	1110 / 1116	"	7.0	2.26	1.06		2.4		.5	5		"
68	1/6	0824 / 0840	"	36.0	21.9	2.13		46.6		.5 .6	19		"
69	1/13	0824 / 0834	"	22.0	12.7	2.11		26.8		.5 .6	12		"
70	1/20	0822 / 0830	"	14.0	7.66	2.44		18.7		.5 .6	9		"
71	1/27	1000 / 1010	"	14.0	4.84	2.13		10.3		.5	8		"
72	2/3	0837 / 0845	"	20.0	8.38	1.58		13.2		.5 .6	11		"
73	2/9	1330 / 1338	"	20.0	10.2	1.72		17.6		.5 .6	11		"
74	2/17	0947 / 0955	"	18.0	6.94	1.48		10.3		.5	10		"
75	2/23	0825 / 0834	"	14.0	5.20	1.66		8.6		.5	8		"
76	3/3	1027 / 1035	"	18.0	5.66	1.25		7.1		.5	7		"
77	3/11	0815 / 0822	"	11.0	4.11	1.07		4.4		.5	7		"
78	3/17	1040 / 1046	"	CHANNELS				2.6		.5	9		"
79	3/23	0744 / 0750	"	5.0	1.55	1.15		1.8		.5	6		"
	3/31	1130	"					0.3		EST			
	4/7	1530	"					0.15		"			
	4/14	0815	"					0.10		"			
	4/21	1025	WHISLER					+		EST.			
	4/28	0815	"					+		"			
	5/5	1045	"					+		"			
	5/11	1010	BOWMAN-WHISLER					+		"			
	5/19	0815	WHISLER					+		"			
	5/26	0830	"					+		"			
	6/2	0740	"					0		"			
	6/9	1305	BOWMAN					0		"			

DISCHARGE MEASUREMENTS OF CASTAIC CREEK F140-S

AT Elizabeth Lake Canyon Highway DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
80	12/15	1100 / 1107	BOWMAN	6.0	0.86	0.79		0.68		.5	8		FC68
81	2/2	1218 / 1230	"	CHANNELS				23.5		.5	20		FC64
82	2/9	1145 / 1155	"	"	"	"		13.0		.5	16		"
83	2/16	1158 / 1207	"	"	"	"		10.0		.5	17		"
84	2/23	1140 / 1150	"	"	"	"		5.5		.5	14		"
85	3/2	1100 / 1107	"	11.5	4.96	1.27		6.3		.5	8		"
86	3/9	1120 / 1126	"	10.5	4.31	1.07		4.6		.5	7		"
87	3/16	1050 / 1103	"	CHANNELS				42.3		.5	17		"
88	3/23	1120 / 1132	"	"	"	"		20.9		.5	16		"
89	3/30	1200 / 1210	"	"	"	"		14.4		.5	14		FC68
90	4/6	1330 / 1342	"	32.5	12.8	2.73		35.0		.5	16		"
91	4/13	1320 / 1336	"	CHANNELS				48.4		.5 .6	22		FC64
92	4/20	1220 / 1234	"	"	"	"		74.7		.6	20		FC68
93	4/27	1130 / 1145	"	40.5	31.5	3.62		114.		.6	16		"
94	5/11	1130 / 1142	"	29.0	14.0	2.69		37.7		.6	16		"
95	5/18	1225 / 1235	"	25.5	11.0	2.07		22.8		.6	14		"
96	5/25	1515 / 1525	"	15.0	7.88	1.79		14.1		.6	12		"
97	6/1	1107 / 1113	MEAD	14.0	8.11	2.54		20.6		.6	6		FC64
98	6/8	1130 / 1137	BOWMAN	13.0	5.26	1.45		7.6		.6	8		FC68
99	6/15	1227 / 1234	"	12.5	4.43	0.99		4.4		.5	8		"
100	6/22	1100 / 1107	"	10.0	2.84	0.63		1.8		.5	7		"
100X	6/28	1215	"					0		.5			"

DISCHARGE MEASUREMENTS OF COLD CREEK F61-S

above Malibu Creek, formerly Crater Camp DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
307	11/16	1743 / 1750	PETERSEN-FABER	12.2	8.83	1.08		9.5		.6	9		FC55
308	12/2	1520 / 1531	PETERSEN	10.0	4.14	1.91		7.9		.6	9		"
309	12/9	1509 / 1517	"	7.0	2.45	1.88		4.6		.6	8		"
310	12/16	1524 / 1531	"	9.0	2.97	1.52		4.5		.6	9		"
311	12/22	1528 / 1535	"	8.0	2.80	1.36		3.8		.6	9		"
312	1/6	1513 / 1522	"	12.5	6.90	2.06		14.2		.6	8		"
313	1/13	1512 / 1522	"	11.0	4.48	1.47		6.6		.6	9		FC73
314	1/20	1522 / 1528	"	6.0	3.90	1.18		4.6		.6	7		FC55
315	1/27	1510 / 1517	"	6.0	4.30	0.84		3.6		.6	7		"
316	2/3	1207 / 1214	"	8.0	3.20	1.41		4.5		.6	7		"
317	2/10	1510 / 1520	"	7.0	3.05	1.61		4.9		.6	8		"
318	2/17	1522 / 1530	"	7.0	2.80	1.39		3.9		.6	8		"

DISCHARGE MEASUREMENTS OF COLD CREEK F61-S

above Malibu Creek, formerly Crater Camp DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
319	2/24	1507 / 1517	PETERSEN	7.0	2.95	1.18		3.5		.6	8		FC55
320	3/3	1518 / 1525	"	7.0	2.80	1.11		3.1		.6	8		"
321	3/10	1510 / 1520	"	7.0	2.54	1.10		2.8		.6	9		"
322	3/17	1520 / 1529	"	6.5	2.56	0.94		2.4		.6	8		"
323	3/24	1406 / 1415	"	7.0	2.95	0.71		2.1		.6	8		"
324	3/31	1408 / 1416	"	4.0	1.50	1.13		1.7		.6	7		"
325	4/7	1525 / 1531	"	5.0	1.85	0.92		1.7		.6	6		"
326	4/14	1402 / 1412	"	3.5	1.36	0.88		1.2		.6	8		"
327	4/21	1517 / 1526	"	3.5	1.37	0.88		1.2		.6	8		FC73
328	4/28	1437 / 1445	"	3.6	1.38	0.55		0.76		.6	8		"
329	5/5	1520 / 1527	"	3.5	1.14	0.61		0.70		.6	7		FC55
330	5/19	1515 / 1520	"	3.3	1.04	0.51		0.53		.6	5		"
331	5/26	1530 / 1535	PETERSEN	3.3	1.09	0.55		0.60		.6	5		FC55
332	6/2	1530 / 1534	"	2.3	0.64	0.67		0.43		.6	5		FC73
333	6/9	1520 / 1525	"	2.3	0.56	0.47		0.26		.6	6		"
334	6/15	1404 / 1409	"	2.5	0.54	0.33		0.18		.6	6		"
335	6/22	1549 / 1555	MC BRIDE	1.5	0.31	0.35		0.11		.6	5		FC59
336	6/29	0958 / 1004	"	1.6	0.21	0.52		0.11		.6	5		"
337	7/14	1415 / 1417	FABER	1.4	0.15	0.27		0.04		.6	4		FC73

DISCHARGE MEASUREMENTS OF COLD CREEK F61-S

above Malibu Creek, formerly Crater Camp DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
338	11/23	1555 / 1559	PETERSEN	0.8	0.06	0.50		0.03		.6	5		FC73
339	12/1	1520 / 1522	"	0.8	0.06	0.82		0.05		.6	5		"
340	12/8	1620 / 1630	"	9.0	4.25	2.12		9.0		.6	10		FC55
341	12/15	1525 / 1537	"	7.5	2.09	1.15		2.4		.6	9		"
342	12/22	1510 / 1519	"	5.3	1.24	1.29		1.6		.6	7		"
343	12/29	1525 / 1535	"	4.5	1.01	1.29		1.3		.6	10		"
344	1/5	1525 / 1535	"	4.5	0.85	1.41		1.2		.6	8		FC73
345	1/12	1520 / 1530	"	4.5	1.12	1.34		1.5		.6	10		"
346	1/19	1516 / 1527	"	4.3	1.15	1.04		1.2		.6	10		"
347	1/26	1515 / 1521	PETERSEN-FABER	15.0	7.49	4.18		31.3		.6	10		FC55
348	2/2	1542 / 1554	PETERSEN	10.0	4.52	1.97		8.9		.6	11		"
349	2/9	1518 / 1530	"	9.6	4.00	1.60		6.4		.6	11		"
350	2/16	1519 / 1529	"	7.7	2.98	1.40		4.2		.6	10		"
351	2/23	1522 / 1532	"	7.0	2.62	1.30		3.4		.6	10		"
352	3/2	1520 / 1530	"	7.0	2.39	1.17		2.8		.6	9		"
353	3/9	1512 / 1520	PETERSEN-YOAKUM	7.3	2.24	1.07		2.4		.6	9		"
354	3/16	1529 / 1538	PETERSEN	8.0	2.48	1.21		3.0		.6	9		"
355	3/23	1520 / 1530	"	7.9	2.40	1.04		2.5		.6	10		"
356	3/30	1520 / 1527	"	6.5	1.88	1.17		2.2		.6	8		"
357	4/13	1315 / 1323	"	7.0	2.72	1.21		3.3		.6	9		"
358	4/20	1520 / 1525	"	7.0	3.66	1.20		4.4		.6	8		"
359	4/27	1510 / 1520	"	8.5	2.63	1.44		3.8		.6	10		"
360	5/4	1525 / 1530	"	5.0	2.52	1.35		3.4		.6	6		"

DISCHARGE MEASUREMENTS OF COLD CREEK F61-S

above Malibu Creek, formerly Crater Camp DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
361	5/10	1529 / 1534	PETERSEN-DELGADILLO	5.0	2.42	1.57		3.8		.6	6		FC55
362	5/18	1440 / 1447	PETERSEN	5.3	2.24	1.12		2.5		.6	6		"
363	5/25	1546 / 1554	"	5.4	1.69	1.01		1.7		.6	7		"
364	6/1	1553 / 1559	"	5.5	1.74	0.86		1.5		.6	7		"
365	6/8	1520 / 1526	"	4.8	1.38	0.87		1.2		.6	7		"
366	6/15	1521 / 1527	"	4.7	1.29	0.85		1.1		.6	6		"
367	6/22	1522 / 1530	"	4.5	1.29	0.71		0.92		.5 .6	8		"
368	6/29	1540 / 1547	"	4.5	1.17	0.63		0.74		.5 .6	8		"
369	7/6	1535 / 1542	"	4.5	1.05	0.50		0.52		.5 .6	6		"
370	7/27	1511 / 1514	LUYENDYK	4.2	0.82	0.22		0.18		.5 .6	6		"
371	8/3	1532 / 1536	PETERSEN	1.6	0.19	0.16		0.03		.5	5		FC73
372	8/10	1526 / 1530	"	1.5	0.23	0.61		0.14		.6	5		"
373	8/17	1525 / 1529	"	1.4	0.17	0.35		0.06		.6	5		"
374	8/24	1520 / 1525	"	1.4	0.14	0.21		0.03		.5	5		"
375	8/31	1510 / 1513	"	0.6	0.03	0.33		0.01		.5	4		"
	9/7	1530	"					+		EST			
	9/14	1535	"					+		"			
	9/21	1515	"					"		"			

DISCHARGE MEASUREMENTS OF COYOTE CREEK - NORTH FORK F349-S

AT Telegraph Road DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
137	10/7	0915 / 0920	FALCONE	2.6	0.58	1.09		0.63		.6	5		FC24
138	10/14	0900 / 0905	"	0.7	0.63	1.17		0.74		.6	5		"
139	10/21	1540 / 1550	"	6.0	4.47	0.29		1.3		.6	9		"
140	10/28	1530 / 1545	"	5.6	3.90	0.33		1.3		.6	8		"
141	11/4	1440 / 1445	"	2.1	0.40	1.20		0.48		.6	5		"
142	11/10	1000 / 1005	"	2.0	0.37	1.30		0.48		.6	3		"
143	11/18	1730 / 1738	FALCONE-GEORGI	5.9	4.31	0.40		1.7		.6	8		FC26
144	11/26	1224 / 1232	FALCONE	5.9	2.17	0.65		1.4		.6	8		"
145	12/2	1055 / 1105	"	5.9	2.09	0.46		0.97		.6	8		FC24
146	12/9	1013 / 1020	"	5.9	5.20	0.92		4.8		.6	8		FC26
147	12/16	1605 / 1612	"	5.9	5.38	0.35		1.9		.6	8		"
148	12/22	1207 / 1216	"	5.8	4.10	0.23		1.0		.6	8		"
149	12/30	1023 / 1032	FALCONE - ARELLANES	5.9	2.62	1.83		4.8		.6	8		"
150	1/6	1526 / 1534	FALCONE	5.9	2.69	0.45		1.2		.6	8		FC61
151	1/13	1232 / 1242	"	5.9	1.97	0.51		1.0		.6	8		FC26
152	1/20	1005 / 1012	"	5.9	2.37	0.47		1.1		.6	8		"
153	1/27	0830 / 0838	"	5.9	2.53	0.79		2.0		.6	8		"
154	2/3	0855 / 0905	"	6.0	3.90	0.23		0.89		.6	8		"
155	2/10	1325 / 1332	"	5.9	4.16	0.34		1.4		.6	8		FC24
156	2/17	0940 / 0954	"	5.9	3.68	0.25		0.93		.6	8		"
157	2/24	0820 / 0835	"	5.9	3.55	0.34		1.2		.6	8		"
158	3/3	0835 / 0844	"	5.9	3.48	0.34		1.2		.6	8		"
159	3/10	1430 / 1435	"	6.3	1.34	0.97		1.3		.6	8		FC61

DISCHARGE MEASUREMENTS OF COYOTE CREEK - NORTH FORK F349-S

AT Telegraph Road DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
160	3/17	0845 / 0855	FALCONE	5.7	1.45	0.69		1.0		.6	9		FC61
161	3/24	0840 / 0848	FALCONE	5.9	1.48	0.95		1.4		.6	9		"
162	3/31	0857 / 0905	"	6.2	1.33	0.75		1.0		.6	8		"
163	4/7	0835 / 0850	"	5.9	3.06	0.26		0.81		.6	9		"
164	4/14	1600 / 1612	"	5.9	3.70	0.32		1.2		.6	8		FC24
165	4/21	1125 / 1135	"	5.9	3.14	0.24		0.75		.6	8		"
166	4/28	0825 / 0835	"	5.9	3.32	0.23		0.75		.6	8		"
167	5/5	0830 / 0840	"	6.1	3.88	0.26		1.0		.6	8		"
168	5/12	0825 / 0840	"	5.9	3.77	0.22		0.82		.6	8		"
169	5/19	1430 / 1445	"	5.9	3.55	0.17		2.60		.6	8		"
170	5/26	1606 / 1615	"	5.9	4.53	0.53		2.4		.6	9		FC61
171	6/2	0850 / 0900	"	5.9	3.19	0.26		0.84		.6	9		FC26
172	6/9	0830 / 0845	"	5.9	3.43	0.26		0.89		.6	9		"
173	6/16	1415 / 1425	"	5.9	3.37	1.75		0.59		.6	9		"
174	6/23	0820 / 0830	"	5.9	3.56	0.28		0.98		.6	8		"
175	6/30	0820 / 0830	"	5.9	3.67	0.24		0.87		.6	8		"
176	7/6	0820 / 0830	"	5.9	3.54	0.24		0.84		.6	9		"
177	7/14	1554 / 1602	MEAD	6.0	3.35	0.27		0.89		.6	7		FC61
178	7/21	1335 / 1345	FALCONE	5.9	3.68	0.27		1.00		.6	9		"
179	7/28	1430 / 1440	"	5.9	3.79	0.17		0.64		.6	9		FC26
180	8/4	1517 / 1529	MEAD	5.9	3.66	0.16		0.58		.6	9		"
181	8/11	0815 / 0830	FALCONE	5.9	4.24	0.42		1.8		.6	9		FC61
182	8/18	0832 / 0840	"	5.9	4.67	0.26		1.2		.6	9		"
183	8/25	0904 / 0916	FALCONE - CARPENTER	5.90	3.78	0.37		1.4		.6	9		"
184	9/1	0836 / 0845	FALCONE	5.9	3.93	0.28		1.1		.6	9		"
185	9/8	0935 / 0946	CARPENTER	6.0	2.83	0.33		0.94		.6	10		"
186	9/15	0835 / 0845	FALCONE	5.9	3.84	1.82		0.70		.6	9		"
187	9/22	0830 / 0845	"	5.9	4.15	0.43		1.8		.6	9		"
188	9/29	0830 / 0843	"	5.9	4.48	0.40		1.8		.6	9		FC26

DISCHARGE MEASUREMENTS OF COYOTE CREEK-NORTH FORK F349-S

AT Telegraph Road DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
189	10/6	0830 / 0840	FALCONE	5.9	3.18	0.25		0.78		.6	9		FC24
190	10/13	1542 / 1550	"	5.9	3.10	0.22		0.67		.6	9		FC61
191	10/20	0835 / 0850	"	4.9	1.25	0.55		0.69		.6	7		"
192	10/27	0830 / 0838	"	5.0	1.35	0.48		0.65		.6	7		"
193	11/3	1415 / 1424	"	5.4	1.44	0.69		1.0		.6	8		"
194	11/10	0848 / 0858	"	5.9	1.52	0.26		0.40		.6	9		"
195	11/17	0845 / 0952	"	5.9	3.35	0.95		3.2		.6	9		FC26
196	11/23	0840 / 0850	"	5.9	1.99	0.34		0.67		.6	9		"
197	12/1	0910 / 0920	"	5.9	1.73	0.43		0.74		.6	9		"
198	12/15	0835 / 0847	"	6.0	2.08	0.58		1.2		.6	9		"
199	12/22	0830 / 0842	"	5.9	2.22	0.50		1.1		.6	9		"
200	12/29	1420 / 1428	"	5.9	2.74	0.31		0.84		.6	9		FC61
201	1/5	0825 / 0835	"	5.9	2.59	0.39		1.0		.6	9		"
202	1/12	1425 / 1435	"	5.9	2.59	0.39		1.0		.6	9		FC26
203	1/19	1430 / 1440	"	5.9	2.46	0.34		0.83		.6	9		"
204	1/26	1025 / 1035	"	5.9	1.96	0.97		1.9		.6	9		FC24
205	2/3	0745 / 0750	"	5.9	1.95	0.56		1.1		.6	8		"
206	2/9	0830 / 0840	FALCONE	5.9	3.43	0.99		3.4		.6	9		FC24
207	2/16	0820 / 0830	"	5.9	2.01	0.55		1.1		.6	9		FC26
208	2/23	0952 / 1001	"	5.9	4.20	1.26		5.3		.6	9		FC24
209	3/2	1540 / 1548	"	5.9	1.69	0.58		0.98		.6	9		FC26
210	3/9	1500 / 1510	"	5.9	2.31	0.52		1.2		.6	9		FC61
211	3/23	1512 / 1520	"	5.9	2.61	0.46		1.2		.6	9		FC24
212	3/30	0820 / 0830	"	5.9	2.39	0.42		1.0		.6	9		"
213	4/6	0825 / 0840	"	5.9	2.42	0.37		0.90		.6	9		"
214	4/12	1225 / 1235	FALCONE-WINDER	5.9	2.94	0.41		1.2		.6	8		"
215	4/20	1020 / 1030	FALCONE	5.9	2.93	0.55		1.6		.6	9		"
216	4/27	0830 / 0840	"	5.9	3.00	0.50		1.5		.6	9		"
217	5/4	1530 / 1540	"	5.9	2.79	0.31		0.86		.6	9		FC26
218	5/11	1500 / 1505	"	5.9	2.76	0.29		0.80		.6	9		"
219	5/18	1510 / 1520	"	5.9	4.05	0.32		1.3		.6	9		FC24
220	5/25	0830 / 0840	"	5.9	5.16	0.81		4.2		.6	9		FC26
221	6/1	0835 / 0845	"	5.9	3.34	0.28		0.93		.6	9		"
222	6/8	1400 / 1410	"	5.9	3.42	0.25		0.86		.6	8		"
223	6/15	0827 / 0840	"	5.9	2.90	0.26		0.74		.6	9		"
224	6/22	0825 / 0835	"	5.9	3.01	0.23		0.70		.6	9		"
225	6/29	0800 / 0810	"	5.9	3.70	0.25		0.92		.6	9		"
226	7/5	0825 / 0835	"	5.9	3.58	0.27		0.97		.6	9		"
227	7/13	0810 / 0820	"	5.9	3.15	0.41		1.3		.6	9		"
228	7/20	0825 / 0835	"	5.9	3.19	0.47		1.5		.6	9		"
229	7/27	1600 / 1610	"	6.0	3.66	0.30		1.1		.6	9		"
230	8/3	0830 / 0845	"	5.9	3.27	0.34		1.1		.6	9		"
231	8/10	0810 / 0830	"	6.0	3.49	0.28		0.99		.6	9		"
232	8/17	0815 / 0828	"	5.9	3.49	0.32		1.1		.6	9		"
233	8/24	0815 / 0825	"	5.9	3.33	0.36		1.2		.6	9		"
234	8/31	0815 / 0830	"	5.9	3.26	0.37		1.2		.6	9		"
235	9/7	1430 / 1435	"	5.9	3.79	0.18		0.70		.6	9		"
236	9/14	0825 / 0840	"	5.9	3.02	0.25		0.76		.6	9		"
237	9/21	0830 / 0845	"	5.9	4.18	0.76		3.2		.6	9		"

DISCHARGE MEASUREMENTS OF DEVIL'S PUNCH BOWL CREEK F178-S

above Big Rock Creek DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
136	12/1	1300 / 1306	WHISLER	11.0	4.32	1.69		7.3		.5	6		FC41
137	12/8	1255 / 1302	BOWMAN	7.5	1.99	1.00		2.0		.5	7		FC64
138	12/15	1200 / 1204	WHISLER	10.0	2.68	1.83		4.9		.5	6		FC59
139	2/9	0857 / 0902	"	7.0	1.90	2.05		3.9		.5	7		FC41
140	3/9	1046 / 1050	"	6.0	1.31	0.99		1.3		.5	5		"
141	3/30	1120 / 1122	"	6.0	1.08	1.02		1.1		.5	5		"
142	4/6	1118 / 1120	"	6.0	0.98	1.02		1.0		.5	4		"
143	4/13	1122 / 1125	"	6.0	0.94	1.17		1.1		.5	6		"
144	4/27	1100 / 1104	"	5.0	0.82	0.72		0.59		.5	6		"
145	5/4	1002 / 1006	BOWMAN-WHISLER	5.0	0.61	0.71		0.43		.5	8		FC59
146	5/18	1038 / 1040	WHISLER	5.0	0.46	0.59		0.27		.5	5		FC41
147	5/25	1115 / 1118	"	4.0	0.26	1.08		0.28		.5	5		FC59
148	6/1	1132 / 1134	"	4.2	0.36	0.36		0.13		.5	5		FC41
149	6/8	1230 / 1235	BOWMAN	2.2	0.30	0.43		0.13		.5	6		FC64
	6/23	1235	"					+		EST.			
	7/6	1405	"					0		"			

DISCHARGE MEASUREMENTS OF DEVIL'S PUNCH BOWL CREEK F178-S

above Big Rock Creek DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
150	11/9	1217 / 1221	BOWMAN	2.0	0.32	0.84		0.27		.5	5		FC64
	11/23	1255	"					0.10		EST			
151	12/14	1115 / 1118	BOWMAN-WHISLER	3.9	1.41	1.14		1.6		.5	7		FC68
	12/28	1145	BOWMAN					0.50		EST			
152	1/18	1145 / 1151	"	2.6	0.37	0.89		0.33		.5	6		FC68
153	2/1	1235 / 1240	"	8.0	1.77	1.19		2.1		.5	7		FC64
154	2/21	1140 / 1145	"	4.5	0.62	0.81		0.50		.5	6		"
155	3/8	1100 / 1104	BOWMAN-MEAD	3.0	0.46	0.63		0.29		.6	6		"
156	3/22	1240 / 1245	BOWMAN	7.5	1.94	1.08		2.1		.6	7		"
157	4/5	1205 / 1210	"	8.5	3.80	1.29		4.9		.5	8		"
158	4/19	1156 / 1202	"	10.0	4.73	1.73		8.2		.5	7		"
159	5/3	1312 / 1317	"	8.8	3.26	1.41		4.6		.5	8		FC68
160	5/24	1232 / 1244	"	8.5	3.43	1.34		4.6		.5	8		"
161	6/7	1255 / 1300	"	7.5	1.95	0.86		1.6		.5	7		"
162	6/21	1050 / 1054	"	3.2	0.78	0.88		0.69		.5	5		"
163	7/5	1231 / 1235	MEAD	3.1	0.48	0.63		0.30		.6	5		"
	8/2	1115	BOWMAN					+		EST			

DISCHARGE MEASUREMENTS OF DOMINGUEZ CHANNEL F351-S

AT Redondo Beach Boulevard DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
2	11/22	1024 / 1036	SJOSTEDT - LISAKOWSKI	75.0	169.	7.26		1230.			12		FC29

DISCHARGE MEASUREMENTS OF ELIZABETH LAKE CREEK F141B-S

2.4 miles above Castaic Creek DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
442	12/2	0953 / 1002	WHISLER	19.0	7.20	2.22		16.1		.5	11		FC41
443	12/9	1341 / 1350	WHISLER - GAETZ	CHANNELS				6.8		.5	15		"
444	12/16	1232 / 1239	WHISLER	9.0	2.79	2.22		6.2		.5	6		"
445	12/23	1146 / 1150	"	11.0	2.44	2.70		6.6		.5	6		"
446	1/6	0753 / 0805	"	28.0	11.8	4.04		47.7		.5	15		"
447	1/13	0755 / 0804	"	24.0	7.20	3.61		26.0		.5	10		"
448	1/20	0756 / 0805	"	20.0	5.54	3.27		18.1		.5	10		"
449	1/27	0928 / 0934	"	22.0	5.84	2.67		15.6		.5	8		"
450	2/3	0812 / 0818	"	23.0	5.17	3.02		15.6		.5	9		"
451	2/9	1311 / 1318	"	24.0	5.76	3.35		19.3		.5	8		"
452	2/17	0928 / 0934	"	24.0	5.45	2.89		15.7		.5	8		"
453	2/23	0800 / 0806	"	22.0	4.56	2.46		11.2		.5	10		"
454	3/3	0950 / 0957	"	19.0	4.13	2.69		11.1		.5	7		"
455	3/10	0755 / 0803	"	9.0	3.04	2.10		6.4		.5	6		"
456	3/17	1022 / 1028	"	13.0	3.10	2.84		8.8		.5	7		"
457	3/23	0730 / 0735	"	13.0	2.65	2.91		7.7		.5	7		"
458	3/31	1110 / 1114	"	10.0	1.84	1.41		2.6		.5	6		"
459	4/7	1512 / 1516	"	10.0	2.08	1.35		2.8		.5	6		FC59
460	4/14	0758 / 0804	"	13.0	2.32	2.16		5.0		.5	6		FC41
461	4/21	1005 / 1008	"	12.0	2.32	2.11		4.9		.5	7		"
	4/28	0800	WHISLER - LOCKBAUM					1.5		EST			
	5/5	1100	WHISLER					0.5		"			
462	5/11	0956 / 1002	BOWMAN - WHISLER	10.0	1.59	1.89		3.0		.5	8		FC41
463	5/19	0740 / 0745	WHISLER	6.0	1.01	1.78		1.8		.5	7		FC41
464	5/26	0810 / 0814	"	4.0	0.56	1.79		1.0		.5	5		"
465	6/2	0725 / 0730	"	6.0	0.79	1.77		1.4		.5	6		"
466	6/9	1254 / 1300	BOWMAN	4.4	0.58	1.29		0.75		.5	6		FC64
467	6/16	1300 / 1306	"	2.5	0.30	1.00		0.30		.5	6		"
	6/22	1300	"					0.03		EST			
	6/30	1145	"					0.01		"			
	7/14	1120	"					0.0		"			

DISCHARGE MEASUREMENTS OF ELIZABETH LAKE CREEK F141B-S

2.4 Miles above Castaic Creek DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
468	11/10	1230 / 1232	BOWMAN-MEAD	1.5	0.12	1.00		0.12		.5	4		FC64
469	11/17	1355 / 1402	MEAD	4.0	0.63	1.33		0.84		.6	5		FC56
470	11/25	1100 / 1110	BOWMAN	9.5	1.25	1.68		2.1		.5	9		FC64
471	12/1	0955 / 1002	BOWMAN-WHISLER	9.0	1.28	1.80		2.3		.5	10		"
472	12/15	1030 / 1038	BOWMAN	14.0	3.68	2.34		8.6		.5	9		FC68
473	12/22	1020 / 1030	"	17.0	3.08	2.18		6.7		.5	13		"
474	12/29	1120 / 1129	"	11.0	2.33	2.41		5.6		.5	9		"
475	1/5	1100 / 1107	"	9.0	2.01	2.39		4.8		.5	8		"
476	1/12	1215 / 1225	"	9.4	1.78	2.36		4.2		.5	8		"
477	1/19	1045 / 1053	"	9.8	1.88	2.13		4.0		.5	8		"
478	2/2	1100 / 1115	"	34.0	10.4	3.55		36.9		.5	19		FC64
479	2/9	1120 / 1130	"	19.0	4.69	3.62		17.0		.5	11		"
480	2/16	1125 / 1133	"	18.5	4.61	3.49		16.1		.5	11		"
481	2/23	1100 / 1110	"	23.0	4.99	3.11		15.5		.5	13		"
482	3/2	1040 / 1048	"	15.5	3.50	3.29		11.5		.5	10		"
483	3/9	1100 / 1108	"	13.0	3.04	3.22		9.8		.5	11		"
484	3/16	1030 / 1039	"	21.0	11.5	4.89		56.2		.6	12		"
485	3/23	1058 / 1104	"	CHANNELS				24.4		.5	13		"
486	3/30	1115 / 1125	"	19.5	5.51	3.83		21.1		.5	12		FC68
487	4/6	1250 / 1300	"	18.0	7.73	4.44		34.3		.6	11		"
488	4/13	1245 / 1256	"	25.0	12.6	4.34		54.7		.5	14		FC64
489	4/20	1145 / 1157	"	33.0	20.3	4.32		87.6		.6	18		FC68
490	4/27	1100 / 1108	"	23.5	21.2	4.91		104.		.6	13		"
491	5/11	1100 / 1110	"	19.0	14.0	3.45		48.3		.5 .6	11		"
492	5/18	1200 / 1208	"	18.0	12.2	2.80		34.2		.6	14		FC68
493	5/25	1445 / 1500	"	19.0	9.72	2.41		23.4		.6	13		"
494	6/1	1128 / 1136	MEAD	18.0	7.40	1.54		11.4		.6	8		FC64
495	6/8	1100 / 1110	BOWMAN	16.5	7.57	2.56		19.4		.6	11		FC68
496	6/15	1155 / 1205	"	15.0	8.00	1.98		15.8		.6	12		"
497	6/22	1000 / 1010	"	13.0	5.88	2.26		13.3		.5	10		"
498	6/29	1145 / 1155	"	10.5	5.39	1.49		8.0		.6	9		"
499	7/6	1148 / 1154	MEAD	10.0	4.90	1.47		7.2		.6	7		"
500	7/13	1030 / 1040	BOWMAN	8.5	3.10	1.52		4.7		.5	8		"
501	7/19	1335 / 1342	"	8.9	3.49	1.23		4.3		.5	7		"
502	7/27	0943 / 0949	"	7.5	3.33	1.02		3.4		.5	9		"
503	8/3	0950 / 0957	"	8.0	3.46	0.90		3.1		.5	9		"
504	8/10	0938 / 0944	"	7.0	2.34	0.85		2.0		.5	8		"
505	8/17	1038 / 1042	"	7.0	2.04	0.74		1.5		.5	8		"
506	8/24	1017 / 1027	MEAD	6.5	1.64	0.67		1.1		.6	7		"

DISCHARGE MEASUREMENTS OF ELIZABETH LAKE CREEK F141B-S

2.4 Miles above Castaic Creek DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
507	8/31	1015 / 1020	BOWMAN	4.0	5.00	0.98		0.49		.5	6		FC68
508	9/7	1033 / 1038	"	3.4	0.57	0.95		0.54		.5	6		"
509	9/14	1045 / 1050	"	3.8	0.75	1.03		0.77		.5	6		"
510	9/21	0945 / 0951	"	6.0	1.32	0.83		1.1		.5	8		"
511	9/28	1000 / 1005	"	6.5	1.36	0.68		0.92		.5	7		"

DISCHARGE MEASUREMENTS OF LOS ANGELES RIVER F39B-S

300 feet above Del Amo DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
81	6/9	1022 / 1035	MEAD	22.5	8.24	1.52		12.4		.6	8		FC65
82	7/14	1435 / 1445	SJOSTEDT	21.5	7.23	1.54		11.1		.6	8		"
83	9/8	1042 / 1052	"	22.0	7.52	1.54		11.6		.6	8		"

DISCHARGE MEASUREMENTS OF LOS ANGELES RIVER F39C-S

below Del Amo DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
64	6/9	1042 / 1052	MEAD	20.4	2.63	0.79		2.1		.6	8		FC50
65	7/14	1500 / 1510	SJOSTEDT	21.3	5.60	0.84		4.7		.6	8		FC65
66	9/8	1115 / 1123	"	20.6	3.54	0.82		2.9		.6	8		FC50

DISCHARGE MEASUREMENTS OF MILL CREEK F112-S

above Big Tujunga Creek DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
987	11/26	1336 / 1350	HUBBARD-HYDE	12.7	4.11	4.55		18.7		.6	9		FC40
988	12/2	1545 / 1554	HYDE	7.5	1.44	3.05		4.4		.6	6		"
989	12/16	1220 / 1225	"	5.3	1.23	1.79		2.2		.6	6		"
990	12/23	1240 / 1250	"	5.5	1.10	2.18		2.4		.6	7		"
991	1/6	1028 / 1040	"	12.5	4.07	4.65		18.9		.6	9		"
992	1/13	1558 / 1605	"	8.0	2.89	3.64		10.5		.6	7		"
993	1/20	0908 / 0924	MC BRIDE	10.2	2.70	2.82		7.6		.5	12		FC33
994	1/27	1047 / 1055	HYDE	6.3	2.36	2.80		6.6		.6	8		FC40
995	2/3	1418 / 1428	"	7.5	2.92	2.43		7.1		.6	9		"
996	2/10	1350 / 1400	"	9.5	3.44	2.84		9.8		.6	9		"
997	2/17	1300 / 1310	"	7.6	2.76	2.39		6.6		.6	8		"
998	2/24	1150 / 1157	"	5.1	2.60	2.23		5.8		.6	7		"
999	3/4	0946 / 0956	"	5.5	2.03	2.41		4.9		.6	7		"
1000	3/10	1120 / 1130	"	4.5	1.85	2.60		4.8		.6	6		"
1001	3/16	1350 / 1405	CARPENTER-HYDE	5.5	1.79	1.84		3.3		.6	11		"
1002	3/24	1000 / 1008	HYDE	5.3	2.07	1.69		3.5		.6	7		"
1003	3/31	0935 / 0945	"	6.0	2.05	1.66		3.4		.6	6		"
1004	4/7	0955 / 1002	"	5.0	1.94	1.75		3.4		.6	7		"
1005	4/14	1225 / 1235	"	4.7	1.67	1.32		2.2		.6	7		"
1006	4/21	0922 / 0930	"	5.5	2.28	1.40		3.2		.6	7		"
1007	4/28	1125 / 1135	"	5.5	2.07	1.21		2.5		.6	7		"
1008	5/5	1110 / 1116	"	4.7	1.41	1.35		1.9		.6	6		"
1009	5/12	1234 / 1242	"	4.6	1.42	1.34		1.9		.6	6		"
1010	5/19	1145 / 1155	"	4.6	1.44	1.32		1.9		.6	7		"
1011	5/26	1126 / 1134	HYDE	4.7	1.43	1.12		1.6		.6	6		FC40
1012	6/1	1325 / 1335	"	4.6	1.38	0.94		1.3		.6	6		"
1013	6/9	1138 / 1148	"	4.5	1.41	1.63		2.3		.6	6		"
1014	6/16	1150 / 1200	"	3.6	0.78	1.12		0.88		.6	5		"
1015	6/23	1130 / 1140	"	3.7	0.84	1.00		0.84		.6	5		"
1016	6/30	1248 / 1252	"	3.3	0.72	0.92		0.59		.6	5		"
1017	7/7	1215 / 1223	"	3.5	0.81	0.64		0.52		.6	5		"
1018	7/14	1240 / 1245	"	3.5	0.63	0.70		0.44		.6	5		"
1019	7/21	1225 / 1230	"	3.5	0.66	0.71		0.47		.6	5		"
1020	7/28	1233 / 1247	LIZAKOWSKI	3.3	0.60	0.68		0.41		.6	8		"
1021	8/4	1138 / 1144	HYDE	3.4	0.67	0.60		0.40		.6	5		"
1022	8/11	1122 / 1128	"	3.5	0.65	0.58		0.38		.6	5		"
1023	8/18	1104 / 1114	LIZAKOWSKI	3.1	0.51	0.72		0.37		.6	7		"
1024	8/25	1045 / 1053	LINDGREN - LIZAKOWSKI	3.0	0.56	0.71		0.40		.6	7		"
1025	9/1	1205 / 1214	LIZAKOWSKI	3.0	0.54	0.89		0.48		.6	7		"
1026	9/8	1212 / 1215	HYDE	2.0	0.37	0.70		0.26		.6	4		"
1027	9/15	1141 / 1145	"	1.5	0.20	1.60		0.32		.6	4		"
1028	9/22	1130 / 1136	"	2.2	0.53	0.83		0.44		.6	5		"
1029	9/29	1107 / 1117	LIZAKOWSKI	3.3	0.59	0.73		0.43		.6	7		"

DISCHARGE MEASUREMENTS OF MILL CREEK F112-S

above Big Tujunga Creek DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
1030	10/6	1318 / 1323	HYDE	2.0	0.45	0.93		0.42		.6	5		FC40
1031	10/13	1145 / 1152	"	2.0	0.47	1.06		0.50		.6	5		FC58
1032	10/20	1250 / 1256	"	2.0	0.47	0.98		0.46		.6	5		FC40
1033	10/27	1310 / 1316	"	2.1	0.46	0.94		0.43		.6	5		"
1034	11/3	1230 / 1235	"	2.1	0.44	0.95		0.42		.6	5		"
1035	11/10	1254 / 1300	"	2.5	0.81	1.48		1.2		.6	6		"
1036	11/17	1215 / 1220	"	2.3	0.63	1.20		0.76		.6	5		"
1037	11/23	1300 / 1306	"	2.5	0.76	1.45		1.1		.6	6		"
1038	12/1	1036 / 1042	"	4.0	1.02	1.08		1.1		.6	6		"
1039	12/8	1352 / 1404	"	15.5	4.79	4.01		19.2		.6	10		"
1040	12/14	1610 / 1616	"	10.0	1.75	2.91		5.1		.6	6		"
1041	12/22	1300 / 1307	"	5.0	1.09	3.49		3.8		.6	6		FC58
1042	12/29	1236 / 1242	"	5.0	1.15	2.87		3.3		.6	7		"
1043	1/4	1413 / 1419	"	4.0	1.20	3.33		4.0		.6	5		"
1044	1/11	1240 / 1246	"	4.0	1.14	2.64		3.0		.6	5		"
1045	1/19	1030 / 1036	"	4.0	1.24	2.10		2.6		.6	5		"
1046	1/26	1112 / 1122	"	11.0	3.35	3.94		13.2		.6	7		"
1047	2/2	1220 / 1228	"	6.0	1.69	3.96		6.7		.6	7		"
1048	2/9	1055 / 1105	"	8.8	2.25	1.96		4.4		.6	7		"
1049	2/16	1012 / 1020	"	8.5	2.06	1.70		3.5		.6	7		"
1050	2/23	1110 / 1120	"	8.5	2.07	1.59		3.3		.6	7		"
1051	3/2	1135 / 1143	"	7.0	1.68	1.96		3.3		.6	8		"
1052	3/9	1205 / 1212	"	7.5	1.87	1.39		2.6		.6	7		"

DISCHARGE MEASUREMENTS OF MILL CREEK F112-S

above Big Tujunga Creek DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
1053	3/15	1330 / 1342	HYDE	14.0	4.42	2.99		13.2		.6	11		FC58
1054	3/23	1320 / 1334	LUYENDYK	5.8	2.31	2.47		5.7		.6	8		FC51
1055	3/30	1110 / 1124	HYDE	16.0	3.81	1.44		5.5		.6	9		FC58
1056	4/6	1300 / 1306	"	8.5	3.94	2.66		10.5		.6	7		"
1057	4/13	1320 / 1330	"	8.6	4.47	3.67		16.4		.6	7		"
1058	4/20	1130 / 1142		12.5	4.99	3.45		17.2		.6	10		"
1059	4/27	1235 / 1245	"	14.2	9.83	3.37		33.1		.6	11		"
1060	5/4	1350 / 1400	"	13.5	7.57	2.78	2.53	21.0		.6	12		"
1061	5/11	1315 / 1325	"	12.5	7.43	2.52	2.49	18.7		.6	9		"
1062	5/17	0940 / 0958	MC BRIDE	12.4	6.49	2.32		15.0		.6	13		FC33
1063	5/24	0850 / 0908	"	12.0	5.88	2.11		12.4		.6	12		"
1064	5/31	0928 / 0942	"	10.0	5.37	2.06		11.1		.6	11		"
1065	6/8	1100 / 1115	HYDE	12.5	4.67	2.01		9.4		.6	8		FC40
1066	6/15	1248 / 1258	"	8.0	4.22	1.61		6.8		.6	7		"
1067	6/22	1045 / 1055	"	11.5	3.94	1.62		6.4		.6	8		"
1068	6/29	1246 / 1256	"	6.7	3.25	1.36		4.4		.6	9		"
1069	7/6	1118 / 1128	"	8.0	2.78	1.73		4.8		.6	9		"
1070	7/13	1000 / 1010	"	6.7	3.26	1.35		4.4		.6	9		"
1071	7/20	1030 / 1039	"	5.5	3.05	1.18		3.6		.6	9		"
1072	7/27	1044 / 1054	"	6.5	2.92	1.16		3.4		.6	9		"
1073	8/3	1142 / 1150	"	6.7	2.85	1.09		3.1		.6	8		"
1074	8/10	0910 / 0918	MEAD	7.0	2.23	1.12		2.5		.6	5		"
1075	8/17	1406 / 1411	"	7.0	2.06	0.78		1.6		.6	5		"
1076	8/23	1402 / 1408	"	6.0	1.56	0.71		1.1		.6	6		FC68
1077	9/1	1015 / 1021	HYDE	4.0	1.33	1.73		2.3		.6	6		FC40
1078	9/7	1028 / 1032	"	3.5	1.30	2.00		2.6		.6	6		"
1079	9/14	1012 / 1018	"	3.0	1.15	1.91		2.2		.6	6		"
1080	9/21	0945 / 0950	"	3.0	1.04	1.73		1.8		.6	5		"
1081	9/28	1140 / 1150	"	4.0	1.33	1.73		2.3		.6	6		"

DISCHARGE MEASUREMENTS OF PACOIMA CREEK F196-S

NEAR Maclay Avenue (Extended) DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
107	11/27	1224 / 1258	HYDE-HUBBARD	CHANNELS				114.		.6	25		FC40
108	12/1	0940 / 1026	HYDE	"	"	"		100.		.6	28		"
109	12/6	1520 / 1615	"	"	"	"		104.		.6	34		"
110	12/14	0910 / 0945	HYDE-VERNER	"	"	"		118.		.6	28		"
111	1/5	1036 / 1056	HYDE	27.0	26.1	2.93		76.4		.6	17		"
112	1/11	1533 / 1554	HYDE-BARR	26.2	24.3	2.63		63.9		.6	17		"
113	1/19	0858 / 0920	HYDE	24.5	22.1	2.40		53.1		.6	16		"
114	1/26	1247 / 1307	HYDE-AVALOS	32.0	36.0	3.95		142.		.6	17		"
115	1/27	1255 / 1330	HYDE	31.5	37.1	3.82		142.		.6	18		"
116	1/28	1114 / 1136	HYDE-BARR	31.5	36.2	3.62		131.		.6	18		"
117	3/31	1605 / 1621	HYDE	15.5	7.48	1.58		11.8		.6	15		"
118	4/1	0840 / 0856	"	13.0	7.99	1.63		13.0		.6	14		"
119	4/12	1022 / 1052	"	28.6	27.7	3.44		95.2		.6	21		"
120	4/18	1541 / 1605	HYDE-VERNER	33.3	35.5	4.25		151.		.6	17		"
121	7/26	0902 / 0930	HYDE-LIZAKOWSKI	26.8	17.9	2.14		38.2		.6	18		"
122	7/26	0936 / 1018	LIZAKOWSKI-HYDE	26.8	17.0	2.13		36.2		.6	19		"
123	7/27	0836 / 0912	" "	26.2	18.0	2.06		37.1		.6	19		"
124	7/28	1558 / 1618	" "	19.0	13.6	1.03		14.0		.6	15		"
125	8/3	0715 / 0748	HYDE	26.6	10.4	1.48		15.4		.6	19		FC40
126	9/30	0818 / 0828	LIZAKOWSKI	4.0	1.16	0.86		1.0		.6	6		"

DISCHARGE MEASUREMENTS OF PACOIMA CREEK F196-S

NEAR Maclay Avenue (Extended) DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
127	10/5	1036 / 1045	HYDE	3.0	0.68	0.53		0.36		.6	7		FC40
128	10/13	1040 / 1548	"	4.0	1.19	0.84		1.0		.6	8		FC58
129	10/19	0940 / 0945	"	4.0	1.01	0.61		0.62		.6	8		"
130	12/15	1002 / 1022	"	33.0	37.2	3.68		137.		.6	17		"
131	12/21	1005 / 1025	"	CHANNELS				4.9		.6	13		"
132	1/5	0958 / 1002	"	3.6	0.61	1.20		0.73		.6	6		"
133	1/13	1010 / 1016	"	4.5	1.05	1.33		1.4		.6	6		"
134	1/18	1017 / 1022	"	3.5	1.39	1.15		1.6		.6	7		"
135	1/27	0910 / 0930	"	26.0	27.4	3.90		107.		.6	15		"
136	2/1	1024 / 1048	"	31.0	34.7	3.52		122.		.6	15		"
137	2/8	1000 / 1025	"	30.2	31.4	2.91		91.3		.6	18		"
138	2/15	0950 / 1003	"	17.0	9.75	1.09		10.6		.6	11		"
139	3/16	1048 / 1108	"	29.5	31.4	3.12		98.0		.6	15		"
140	3/23	1300 / 1330	"	31.0	33.7	3.00		101.		.6	20		"
141	3/28	1443 / 1500	"	24.5	15.8	1.65		26.1		.6	14		"
142	4/12	1042 / 1100	"	30.0	27.1	4.46		121.		.6	15		"
143	4/19	1000 / 1012	"	28.0	21.7	2.59		56.3		.6	11		"
144	5/3	1058 / 1122	"	31.1	32.4	2.98		96.2		.6	16		"
145	5/10	0952 / 1022	"	30.0	25.9	2.52		67.7		.6	19		"
146	5/17	1145 / 1203	"	30.0	27.0	2.31		62.4		.6	17		"
147	5/25	1458 / 1514	MC BRIDE	27.5	22.6	2.88		65.0		.6	13		FC33
148	6/1	0845 / 0908	"	CHANNELS				8.0		.6	16		"
149	6/7	1033 / 1045	HYDE	25.2	16.3	1.38		22.5		.6	14		"
150	6/14	0900 / 0918	HYDE	29.0	25.3	2.12		53.8		.6	19		FC40
151	7/12	1130 / 1200	"	33.5	36.0	3.25		117.		.6	20		"
152	8/9	0942 / 1002	"	31.0	35.3	3.29		116.		.6	14		"

DISCHARGE MEASUREMENTS OF SAN DIMAS CREEK F91-S

above San Dimas Dam DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
1	11/28	1200 / 1210	SARASUA	13.2	5.39	4.36		24.		.6	8		FC43
2	12/30	1003 / 1010	"	38.0	20.2	5.50		111.		.6	10		"

DISCHARGE MEASUREMENTS OF SAN DIMAS CREEK F91-S

above San Dimas Dam DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
3	11/17	1618 / 1624	SARASUA	4.1	1.29	1.32		1.7		.6	9		FC49
4	11/29	1530 / 1535	"	3.8	1.07	1.21		1.3		.6	8		FC54
5	12/1	1615 / 1622	"	4.0	1.28	1.48		1.9		.6	9		FC49

DISCHARGE MEASUREMENTS OF SAN DIMAS CREEK F101-S

AT toe of San Dimas Dam DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
107	9/22	1112	LUYENDYK	3' CIPOLLETTI WEIR				2.3					

DISCHARGE MEASUREMENTS OF SAN DIMAS CREEK F101-S

AT Toe of San Dimas Dam DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
108	10/6	1600	SARASUA	3' CIPOLLETTI WEIR				2.1					
109	10/13	1700	"	"	"	"		2.0					

DISCHARGE MEASUREMENTS OF SAND ROCK CREEK F289-S

AT Valyermo Highway DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
316	12/1	1410 / 1414	WHISLER	2.0	0.49	0.24		0.12		.5	5		FC59
317	12/8	1328 / 1330	BOWMAN	0.8	0.06	0.83		0.05		.5	3		FC64
318	12/15	1113 / 1115	WHISLER	2.0	0.18	0.83		0.15		.5	5		FC59
319	12/22	1410 / 1414	"	1.8	0.28	0.57		0.16		.5	4		"
320	1/5	1128 / 1131	"	1.5	0.14	0.94		0.13		.5	4		"
321	1/12	1257 / 1300	"	3.0	0.46	0.70		0.32		.5	4		FC41
322	1/19	1220 / 1222	"	3.0	0.42	0.71		0.30		.5	4		FC59
	1/26	1220	"					0.30		EST			
323	2/2	1310 / 1312	"	2.0	0.19	0.74		0.14		.5	5		FC59
324	2/9	1100 / 1104	"	4.0	0.66	0.62		0.41		.5	5		"
325	2/16	1102 / 1106	"	3.0	0.46	0.63		0.29		.5	4		"
326	3/2	1125 / 1131	"	3.0	0.44	0.61		0.27		.5	4		"
327	3/9	1030 / 1032	"	3.0	0.55	0.45		0.25		.5	4		"
	3/16		"					0.20		EST			
328	3/30	1235 / 1238	"	1.8	0.25	0.80		0.20		.5	4		FC59
329	4/6	1240 / 1242	"	2.8	0.34	0.59		0.20		.5	6		"
330	4/13	1024 / 1026	"	2.4	0.33	0.91		0.30		.5	5		FC41
331	4/20	1125 / 1127	"	1.8	0.25	1.28		0.32		.5	4		"
332	4/27	1205 / 1207	"	2.0	0.32	0.78		0.25		.5	5		FC59
333	5/4	1112 / 1116	BOWMAN-WHISLER	1.6	0.14	0.71		0.10		.5	5		"
334	5/12	1055 / 1057	WHISLER	3.0	0.41	0.51		0.21		.5	4		"
335	5/18	1148 / 1150	"	3.0	0.24	0.67		0.16		.5	4		"
	5/25	1220	"					0.12		EST			
336	6/1	1246 / 1248	"	2.4	0.19	0.90		0.17		.5	5		"
337	6/8	1340 / 1344	BOWMAN	1.2	0.16	0.75		0.12		.5	5		FC70
338	6/15	1245 / 1250	"	1.2	0.93	0.65		0.06		.5	5		"
339	6/23	1330	"	90° V-NOTCH WEIR				0.05					
340	6/29	1245	"	"	"	"		0.08					
341	7/6	1230	"	"	"	"		0.08					
342	7/13	1150	"	"	"	"		0.08					
343	7/20	1045	"	"	"	"		0.08					
344	7/27	1115	"	"	"	"		0.08					
345	8/3	1224	"	"	"	"		0.06					
346	8/10	1137	"	"	"	"		0.07					
347	8/17	1215	"	"	"	"		0.07					
348	9/13	1230	"	"	"	"		0.06					
349	9/14	1200	"	"	"	"		0.06					
350	9/27	1230	"	"	"	"		0.05					

DISCHARGE MEASUREMENTS OF SAND ROCK CREEK E289-S

AT Valyermo Highway DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
351	10/14	1050	BOWMAN	90° V-NOTCH WEIR				0.05					
352	10/26	1255	"	"	"	"		0.04					
353	11/9	1345	"	"	"	"		0.07					
354	11/23	1340	"	"	"	"		0.06					
355	11/30	1245	"	"	"	"		0.06					
356	12/14	1245	BOWMAN-WHISLER	"	"	"		0.10					
357	12/21	1105	MEAD-BOWMAN	"	"	"		0.10					
358	12/28	1325	BOWMAN	"	"	"		0.12					
359	1/4	1230	"	"	"	"		0.13					
360	1/11	1325	"	"	"	"		0.15					
361	1/18	1350	"	"	"	"		0.18					
362	2/1	1325	"	"	"	"		0.19					
363	2/8	1220	"	"	"	"		0.25					
364	2/15	1235	"	"	"	"		0.23					
365	2/21	1225	"	"	"	"		0.23					
366	3/1	1235	"	"	"	"		0.23					
367	3/8	1125	BOWMAN-MEAD	"	"	"		0.22					
368	3/15	1250	BOWMAN	"	"	"		0.22					
369	3/22	1400	"	"	"	"		0.20					
370	3/29	1143	"	"	"	"		0.22					
371	4/5	1325	"	"	"	"		0.28					
372	4/12	1300	"	"	"	"		0.30					
373	4/19	1310	"	"	"	"		0.30					
374	4/21	1245	"	"	"	"		0.26					
375	5/3	1410	"	"	"	"		0.23					
376	5/10	1140	"	"	"	"		0.26					
377	5/17	1135	"	"	"	"		0.26					
378	5/24	1315	"	"	"	"		0.23					
	5/31	1140	MEAD					0.15		EST			
379	6/7	1455	BOWMAN	90° V-NOTCH WEIR				0.20					
380	6/14	1345	"	"	"	"		0.20					
381	6/21	1145	"	"	"	"		0.22					
382	6/28	1150	"	"	"	"		0.46					
383	7/12	1100	BOWMAN	"	"	"		0.30					
384	7/20	1150	"	"	"	"		0.22					
	7/26	1050	"					0.26		EST			
385	8/2	1225	"	90° V-NOTCH WEIR				0.16					
386	8/9	1100	"	"	"	"		0.15					
387	8/16	1235	"	"	"	"		0.43					
388	9/6	1140	"	"	"	"		0.33					
389	9/20	1320	"	"	"	"		0.14					

DISCHARGE MEASUREMENTS OF SAN GABRIEL RIVER F208-S

above Metropolitan Water District Aqueduct DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
164	10/7	1442 / 1450	BROOK	3.0	1.09	0.90		0.98		.6	8		FC63
165	10/14	1434 / 1440	"	3.0	1.02	0.93		0.95		.6	6		"
166	10/21	1456 / 1502	"	3.1	1.08	0.92		0.99		.6	6		"
167	10/28	1502 / 1508	"	3.3	1.23	0.98		1.2		.6	6		"
168	11/4	1510 / 1517	"	3.1	1.15	0.86		0.99		.6	7		"
169	11/10	1500 / 1508	"	3.1	1.09	0.82		0.90		.6	7		FC74
170	11/18	1535 / 1541	LUYENDYK-BROOK	3.3	1.21	1.24		1.5		.6	7		FC63
171	3/8	1016 / 1040	BROOK	CHANNEL'S				15.7		.6	21		FC40
172	6/2	0820 / 0830	"	"	"	"		0.29		.6	9		FC74
173	6/9	0807 / 0826	LUYENDYK	"	"	"		0.56		.6	11		"

DISCHARGE MEASUREMENTS OF SAN GABRIEL RIVER F208-S

above Metropolitan Water District Aqueduct DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
174	10/10	1508 / 1535	BROOK	72.0	50.8	0.28		14.2		.6	20		FC74
175	10/17	1520 / 1554	"	75.0	50.9	0.30		15.2		.6	21		"
176	11/23	0828 / 0836	"	1.3	0.64	0.81		0.52		.6	8		"
177	11/29	1425 / 1435	"	3.2	0.73	2.05		1.5		.6	9		"
178	12/1	0827 / 0835	"	1.5	0.94	1.28		1.2		.6	9		"
179	1/5	1132 / 1148	"	44.0	8.51	1.61		13.7		.6	13		"

DISCHARGE MEASUREMENTS OF SAN GABRIEL - MAIN SPREADING CANAL F100-S

AT mouth of San Gabriel Canyon DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
336	10/7	1530 / 1546	BROOK	11.2	17.4	2.20		38.3		.6	14		FC63
337	10/14	1525 / 1539	"	11.2	17.6	2.35		41.3		.6	14		"
338	10/21	1550 / 1606	"	11.2	18.4	2.36		43.3		.6	14		"
339	10/28	1548 / 1602	"	11.2	18.4	2.44		44.8		.6	14		"
340	11/4	1542 / 1554	"	11.2	5.60	0.41		2.3		.6	14		"
341	12/10	1303 / 1310	BROOK-LUYENDYK	11.0	7.46	1.19		3.9		.6	10		FC6
342	12/16	1318 / 1328	BROOK	11.2	9.16	1.49		13.6		.6	10		"
343	12/22	1050 / 1104	"	11.2	9.08	1.46		13.2		.6	14		"
344	1/6	1152 / 1200	"	11.0	9.79	1.60		15.8		.6	10		FC63
345	1/13	1255 / 1310	"	11.0	11.0	1.78		19.6		.6	14		"
346	1/24	1210 / 1220	LUYENDYK-BROOK	11.3	6.78	0.93		6.3		.6	15		"
347	1/27	1442 / 1454	BROOK	11.0	11.0	1.76		19.3		.6	14		"
348	2/3	1208 / 1220	"	11.0	11.1	1.67		18.5		.6	14		"
349	2/10	1132 / 1142	"	11.0	12.7	1.92		24.4		.6	14		"
350	2/16	0918 / 0930	"	11.0	12.8	2.06		26.4		.6	14		"
351	2/24	0856 / 0908	"	11.0	13.5	2.11		28.5		.6	14		"
352	3/3	1212 / 1224	"	11.2	14.9	1.96		29.2		.6	14		"
353	3/10	1432 / 1446	"	11.0	14.6	1.97		28.8		.6	14		"
354	3/17	1402 / 1414	"	11.0	13.8	2.11		29.1		.6	14		"
355	3/24	1514 / 1530	"	11.0	14.0	2.03		28.4		.6	14		"
356	3/31	1554 / 1608	"	11.0	14.2	1.97		28.0		.6	14		"
357	4/6	1304 / 1318	"	11.0	14.2	1.82		25.9		.6	14		"
358	4/14	1442 / 1457	"	11.0	14.2	1.73		24.6		.6	14		"
359	4/21	1126 / 1140	BROOK	11.0	14.3	1.61		23.0		.6	14		FC63
360	4/28	1455 / 1508	"	11.0	15.9	2.11		33.6		.6	14		"
361	5/5	1607 / 1620	"	11.0	12.0	1.65		19.8		.6	14		"
362	5/12	1236 / 1252	"	11.0	12.9	1.64		21.1		.6	14		"
363	5/19	1218 / 1232	"	11.0	10.1	1.21		12.2		.6	14		"
364	5/26	1617 / 1632	LUYENDYK-BROOK	11.0	11.0	1.04		11.4		.6	14		"
365	6/2	0944 / 1000	BROOK	11.0	10.6	1.05		11.1		.6	14		"
366	6/9	1054 / 1111	LUYENDYK	12.2	14.9	1.80		26.9		.6	14		FC51
367	6/16	1003 / 1016	BROOK	11.0	13.8	1.66		22.9		.6	14		FC63
368	6/23	1022 / 1039	"	11.0	16.2	1.71		27.7		.6	14		"
369	6/30	1050 / 1102	"	11.0	10.8	0.97		10.5		.6	14		"
370	7/7	1115 / 1130	"	11.0	14.5	1.48		21.4		.6	14		"
371	7/14	1024 / 1037	"	11.0	15.2	1.27		19.3		.6	14		"
372	7/21	0908 / 0922	"	11.2	11.1	1.07		11.9		.6	14		"
373	7/28	0927 / 0944	LUYENDYK	12.3	11.6	1.04		12.1		.6	14		"
374	8/4	0900 / 0913	BROOK	11.2	12.7	1.07		13.6		.6	14		"
375	8/11	1010 / 1022	"	11.2	11.3	1.12		12.6		.6	14		"
376	8/18	0918 / 0930	"	11.2	14.0	0.90		12.6		.6	14		"
377	8/25	0854 / 0906	"	11.2	11.8	1.07		12.7		.6	14		"
378	9/1	0847 / 0858	"	11.2	12.2	1.09		13.3		.6	14		"
378	9/8	0928 / 0947	LUYENDYK	12.5	17.4	0.91		15.9		.6	14		"
380	9/15	0918 / 0932	BROOK	11.2	13.7	1.23		16.8		.6	14		"
381	9/22	0858 / 0913	"	11.2	13.0	1.23		16.0		.6	14		"
382	9/29	1604 / 1616	"	11.2	13.8	1.36		18.8		.6	14		"

DISCHARGE MEASUREMENTS OF SAN GABRIEL--MAIN SPREADING CANAL F100-S

AT Mouth of San Gabriel Canyon DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
383	10/6	0928 / 0942	BROOK	11.2	15.7	1.55		24.3		.6	14		FC63
384	10/13	1025 / 1038	"	11.2	17.3	1.70		29.4		.6	14		FC46
385	10/20	0906 / 0920	"	11.2	17.2	1.73		29.8		.6	14		FC63
386	10/27	0916 / 0934	"	11.2	17.1	1.84		31.4		.6	14		"
387	11/3	1022 / 1036	"	11.2	16.1	1.54		24.9		.6	14		"
388	11/17	0911 / 0929	CARPENTER-BROOK	11.2	11.4	2.43		27.7		.6	14		"
389	11/23	0912 / 0924	BROOK	11.2	10.8	2.24		24.2		.6	14		"
390	12/1	0928 / 0942	"	11.2	10.4	2.03		21.2		.6	14		"
391	12/21	1447 / 1500	"	11.2	14.3	2.70		38.6		.6	14		"
392	1/5	1552 / 1606	"	11.2	16.1	2.89		46.6		.6	14		"
393	1/12	1011 / 1026	"	11.2	16.2	2.89		46.8		.6	14		"
394	1/19	1127 / 1138	BROOK-WHISLER	11.2	16.4	2.91		47.7		.6	14		"
395	2/2	1206 / 1217	BROOK-CARPENTER	11.2	12.8	2.34		29.9		.6	14		"
396	2/9	1142 / 1154	BROOK	11.2	12.8	2.18		27.9		.6	14		"
397	2/16	1550 / 1600	"	11.2	12.9	2.07		26.6		.6	14		"
398	3/2	1322 / 1334	"	11.2	14.3	1.77		25.3		.6	14		"
399	3/9	1132 / 1147	"	11.2	14.3	1.66		23.7		.6	14		"
400	3/16	1103 / 1118	"	11.2	14.6	1.66		24.3		.6	14		"
401	3/23	1027 / 1041	CARPENTER-BROOK	11.1	13.4	1.96		26.3		.6	14		"
402	3/30	1200 / 1214	BROOK	11.2	13.6	2.03		27.6		.6	14		"
403	4/20	1132 / 1146	"	11.2	12.9	2.13		27.4		.6	14		"
404	4/27	1020 / 1042	CARPENTER-BROOK	11.2	12.8	2.15		27.5		.6	14		"
405	5/11	0858 / 0912	BROOK	11.2	11.4	1.89		21.5		.6	14		"

DISCHARGE MEASUREMENTS OF SAN GABRIEL-MAIN SPREADING CANAL F100-S

AT Mouth of San Gabriel Canyon DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT. PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
406	5/18	0920 / 0934	BROOK	11.0	9.67	1.70		16.4		.6	14		FC63
407	5/25	0906 / 0922	CARPENTER	11.2	9.95	1.68		16.7		.6	14		"
408	6/1	0918 / 0932	BROOK	11.0	9.39	1.53		14.4		.6	14		"
409	6/8	0956 / 1008	BROOK-WOOD	11.2	9.62	1.52		14.6		.6	14		"
410	6/15	1020 / 1032	BROOK	11.0	9.72	1.53		14.9		.6	14		"
411	6/22	1016 / 1027	"	11.0	9.50	1.47		14.0		.6	14		"
412	6/29	0918 / 0932	"	11.0	11.8	1.79		21.1		.6	14		"
413	7/6	0926 / 0938	"	11.0	9.31	1.43		13.3		.6	14		"
414	7/13	0938 / 0952	"	11.0	8.69	1.38		12.0		.6	14		"
415	7/20	1012 / 1024	"	11.0	8.59	1.34		11.5		.6	14		"
416	7/27	1115 / 1122	CARPENTER	11.1	8.60	1.23		10.6		.6	10		FC47
417	8/3	0958 / 1008	BROOK	11.0	8.58	1.35		11.6		.6	14		FC63
418	8/10	1130 / 1142	"	11.0	8.55	1.34		11.5		.6	14		"
419	8/17	1136 / 1150	"	11.0	10.2	1.56		15.9		.6	14		"
420	8/24	1056 / 1104	"	3.6	0.61	0.54		0.34		.6	7		FC74
421	8/31	1130 / 1142	"	11.0	9.31	1.50		14.0		.6	14		FC63
422	9/7	1155 / 1207	"	11.0	5.57	0.84		4.7		.6	14		"
423	9/14	1214 / 1223	CARPENTER	11.1	7.86	1.06		8.3		.6	10		FC47
424	9/21	1215 / 1228	BROOK	11.0	9.02	1.20		10.8		.6	14		FC63
425	9/28	1127 / 1142	"	11.0	9.49	1.20		11.4		.6	14		"

DISCHARGE MEASUREMENTS OF SAN JOSE CREEK F306B-S

AT Water Street DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT. PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
1	5/18	1128 / 1138	BROOK	5.6	2.49	0.60		1.4		.6	11		FC63
2	5/26	1247 / 1254	LUYENDYK-BROOK	5.7	2.61	0.50		1.3		.6	8		"
3	6/1	0946 / 0956	BROOK	7.6	4.21	1.24		5.2		.6	11		"
4	6/8	1348 / 1359	LUYENDYK	7.5	4.10	0.93		3.8		.6	9		FC51
5	6/15	1020 / 1028	BROOK	7.8	4.26	0.99		4.2		.6	11		FC63
6	6/22	1048 / 1058	"	7.8	4.09	1.18		4.8		.6	11		"
7	6/29	1158 / 1208	"	7.6	3.64	0.99		3.6		.6	11		FC74
8	7/6	1325 / 1341	"	7.8	3.86	1.17		4.5		.6	11		"
9	7/13	1000 / 1012	"	7.6	3.79	0.95		3.6		.6	11		"
10	7/20	1220 / 1230	"	7.4	3.03	0.73		2.2		.6	11		"
11	7/27	1401 / 1414	LUYENDYK	10.0	4.76	0.82		3.9		.6	10		FC63
12	8/3	1008 / 1020	BROOK	7.6	3.45	0.96		3.3		.6	13		"
13	8/10	0841 / 0854	"	7.6	3.64	0.96		3.5		.6	11		"
14	8/18	1424 / 1436	"	7.4	3.54	1.10		3.9		.6	10		"
15	8/24	1310 / 1322	"	7.4	3.59	0.97		3.5		.6	11		"
16	9/1	1448 / 1454	"	5.6	1.67	1.74		2.9		.6	8		"
17	9/8	1455 / 1504	LUYENDYK	8.1	2.37	1.44		3.4		.6	8		"
18	9/15	1458 / 1508	BROOK	7.4	2.72	1.58		4.3		.6	10		"
19	9/22	1504 / 1518	"	8.8	3.72	1.50		5.6		.6	12		"
20	9/29	1347 / 1356	"	8.6	3.61	1.38		5.0		.6	12		"

DISCHARGE MEASUREMENTS OF SAN JOSE CREEK F306B-S

AT Water Street DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT. PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
18	10/6	1358 / 1408	BROOK	9.8	4.28	1.26		5.4		.6	11		FC63
19	10/13	1342 / 1354	"	10.5	4.11	1.31		5.4		.6	12		FC46
20	10/20	1250 / 1304	"	10.4	4.37	1.28		5.6		.6	12		FC63
21	10/27	1420 / 1432	"	10.6	4.08	1.10		4.5		.6	12		"
22	11/3	1326 / 1337	"	11.0	4.41	1.36		6.0		.6	12		"
23	11/17	1335 / 1354	CARPENTER-BROOK	23.4	9.88	1.74		17.2		.6	14		"
24	11/23	1330 / 1342	BROOK	22.0	7.92	1.35		10.7		.6	13		"
25	12/1	1314 / 1324	"	9.0	5.28	2.22		11.7		.6	10		"
26	12/15	1216 / 1225	CARPENTER-BROOK	8.4	3.75	2.06		7.8		.6	9		"
27	12/22	1114 / 1123	BROOK	8.8	4.14	1.47		6.1		.6	10		"
28	12/29	1206 / 1214	"	9.6	5.03	1.89		9.5		.6	11		"
29	1/5	0938 / 0947	"	8.6	3.85	1.61		6.2		.6	10		"
30	1/18	1442 / 1450	"	9.4	4.89	2.00		9.8		.6	10		"
31	2/2	0814 / 0824	CARPENTER-BROOK	7.5	4.06	2.07		8.4		.6	9		"
32	2/8	1118 / 1127	BROOK	7.6	4.20	2.33		9.8		.6	9		"
33	2/15	1050 / 1059	"	7.6	4.59	2.00		9.2		.6	9		"
34	3/8	1415 / 1425	"	9.4	5.21	2.40		12.5		.6	11		"
35	3/15	1542 / 1552	"	12.6	5.23	2.02		10.6		.6	10		"
36	3/29	1118 / 1129	"	10.6	4.42	2.12		9.4		.6	12		"
37	4/19	0848 / 0859	"	11.0	5.00	2.52		12.6		.6	12		"
38	4/26	1210 / 1232	CARPENTER	CHANNELS				15.1		.6	21		"
39	5/4	1206 / 1220	"	14.5	5.26	2.12		11.1		.6	16		FC47
40	5/10	1032 / 1042	BROOK	12.8	6.94	1.79		12.4		.6	11		FC63
41	5/23	1105 / 1120	CARPENTER	10.8	4.81	1.56		7.5		.6	12		"
42	5/31	1152 / 1204	BROOK	19.5	11.8	1.83		21.6		.6	12		"
43	6/7	1207 / 1218	"	6.2	3.43	1.66		5.7		.6	12		"
44	6/14	1230 / 1242	"	11.6	5.81	1.65		9.6		.6	13		"
45	6/21	0955 / 1003	"	8.0	4.43	1.74		7.7		.6	10		"
46	6/28	0838 / 0848	"	8.4	5.56	1.47		8.2		.6	11		"
47	7/5	0916 / 0926	"	7.0	2.69	1.79		4.8		.6	11		"
48	7/12	1208 / 1218	"	4.5	2.71	2.14		5.8		.6	10		"
49	7/19	0854 / 0904	"	4.5	2.57	2.10		5.4		.6	10		"

DISCHARGE MEASUREMENTS OF SAN JOSE CREEK F306-S

AT Nogales Avenue DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT. PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
253	10/7	1103 / 1114	BROOK	7.4	3.57	1.46		5.2		.6	10		FC63
254	10/14	1100 / 1110	"	7.2	3.53	1.13		4.0		.6	10		"
255	10/21	1046 / 1055	"	6.0	3.25	1.14		3.7		.6	9		"
256	10/28	1110 / 1120	"	6.0	3.19	1.10		3.5		.6	9		"
257	11/4	1106 / 1116	"	6.2	3.29	1.43		4.7		.6	9		"
258	11/10	1100 / 1112	"	6.4	3.03	1.39		4.2		.6	10		FC74
259	11/18	1146 / 1156	LUYENDYK-BROOK	16.0	6.64	1.73		11.5		.6	13		FC63
260	12/8	1354 / 1406	BROOK	11.0	3.85	1.74		6.7		.6	12		FC6

DISCHARGE MEASUREMENTS OF SAN JOSE CREEK F306-S

AT Nogales Avenue DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
261	12/15	0816 / 0928	BROOK	11.6	4.02	1.29		5.2		.6	13		FC6
262	12/22	1246 / 1256	"	9.0	3.57	1.68		6.0		.6	10		"
263	1/5	0956 / 1010	"	13.0	4.22	1.40		5.9		.6	14		FC63
264	1/12	1200 / 1210	"	9.0	3.19	2.13		6.8		.6	10		"
265	1/19	1156 / 1206	"	11.0	4.95	1.37		6.8		.6	13		"
266	1/26	1110 / 1120	"	10.6	4.89	1.29		6.3		.6	12		"
267	2/2	1222 / 1232	"	11.0	5.40	1.81		9.8		.6	12		"
268	2/9	1415 / 1128	"	11.0	4.45	1.55		6.9		.6	12		"
269	2/17	1300 / 1313	"	11.6	4.34	1.98		8.6		.6	13		"
270	2/23	1336 / 1344	"	11.0	4.80	1.58		7.6		.6	12		"
271	3/2	1415 / 1425	"	9.4	4.53	1.56		7.1		.6	10		"
272	3/9	1016 / 1027	"	7.0	3.18	1.60		5.1		.6	11		"
273	3/16	1051 / 1100	"	8.4	5.87	1.48		8.7		.6	10		"
274	3/23	1040 / 1050	"	7.6	2.64	0.99		2.6		.6	11		"
275	3/30	1130 / 1140	"	10.0	4.83	1.32		6.4		.6	11		"
276	4/7	0925 / 0935	"	9.9	3.79	1.37		5.2		.6	11		"
277	4/13	1136 / 1150	"	10.2	4.53	1.39		6.3		.6	12		"
278	4/20	1330 / 1340	"	10.6	4.58	1.27		5.8		.6	12		"
279	4/27	1010 / 1022	"	10.0	4.11	1.22		5.0		.6	12		"
280	5/4	1040 / 1048	"	7.6	3.95	1.09		4.3		.6	10		"
281	5/11	1132 / 1142	"	9.6	4.66	1.16		5.4		.6	11		"

DISCHARGE MEASUREMENTS OF SAN JOSE CREEK F306-S

AT Nogales Avenue DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
285	4/6	1008 / 1015	BROOK	7.5	1.58	4.38		6.9		.6	8		FC63
286	4/12	1150 / 1205	"	CHANNEL 5				13.6		.6	14		"

DISCHARGE MEASUREMENTS OF SANTA MONICA CREEK F272-S

above Rustic Canyon DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
925	10/7	1048 / 1058	PETERSEN	1.8	0.58	2.07		1.2		.6	7		FC73
926	10/14	1055 / 1105	"	1.7	0.56	2.14		1.2		.6	7		"
927	10/21	1051 / 1058	FABER	1.7	0.48	2.50		1.2		.6	5		"
928	10/28	1055 / 1101	PETERSEN	1.5	0.46	2.39		1.1		.6	5		"
929	11/4	1036 / 1040	"	1.5	0.48	2.08		1.0		.6	5		"
930	11/12	1049 / 1053	"	1.5	0.51	2.16		1.1		.6	5		"
931	12/9	1030 / 1035	"	1.8	0.46	2.40		1.1		.5	5		"
932	12/16	1104 / 1108	"	2.0	0.65	1.85		1.2		.6	5		"
933	12/22	1045 / 1049	"	2.0	0.62	1.93		1.2		.6	5		"
	1/6	1000	"					5.0		EST			
	1/13	1000	"					2.5		"			
	2/17	1005	"					1.5		"			
	3/3	0950	"					1.8		"			
	3/10	1005	"					2.0		"			
934	7/14	0933 / 0939	FABER	6.0	0.77	2.60		2.0		.6	5		FC73
935	7/21	1112 / 1116	PETERSEN	2.0	0.71	2.40		1.7		.6	5		"
936	7/28	1106 / 1110	"	2.5	1.10	1.45		1.6		.6	5		"
937	8/11	1036 / 1043	"	2.0	0.65	2.62		1.7		.6	5		"
938	9/1	1108 / 1113	PETERSEN	2.0	0.71	2.96		2.1		.6	5		FC73
939	9/8	1114 / 1118	"	2.0	0.84	2.14		1.8		.6	5		"
940	9/15	1106 / 1112	"	2.0	0.79	1.90		1.5		.6	5		"
941	9/22	1112 / 1116	"	2.2	0.90	1.89		1.7		.6	5		"
942	9/29	1118 / 1128	"	2.3	0.91	1.54		1.4		.6	7		"

DISCHARGE MEASUREMENTS OF SANTA MONICA CREEK F272-S

above Rustic Canyon DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
943	10/6	1041 / 1046	PETERSEN	2.2	0.77	1.69		1.3		.6	5		FC73
944	10/13	1021 / 1027	"	2.3	0.94	1.38		1.3		.6	7		"
945	10/20	1127 / 1132	PETERSEN-FABER	2.1	0.75	1.73		1.3		.6	6		"
946	10/27	1043 / 1049	PETERSEN	1.7	0.43	2.55		1.1		.6	7		"
947	11/3	1132 / 1140	"	2.0	0.65	1.69		1.1		.6	7		"
948	11/10	1202 / 1208	"	2.1	0.69	1.88		1.3		.6	5		"
949	11/17	1023 / 1027	"	2.0	0.78	1.54		1.2		.6	5		"
950	11/25	1002 / 1007	"	2.0	0.65	1.85		1.2		.6	5		"
951	12/1	1100 / 1105	"	2.0	0.62	1.77		1.1		.6	5		"
952	12/15	1127 / 1132	"	2.3	0.99	1.52		1.5		.6	5		"
953	12/22	1015 / 1019	"	2.2	0.77	1.82		1.4		.6	5		"
954	12/29	1030 / 1035	"	2.2	0.93	1.50		1.4		.6	5		"
955	1/5	1035 / 1040	"	2.3	0.92	1.52		1.4		.6	5		"
956	1/12	1058 / 1102	"	2.4	0.87	1.49		1.3		.6	5		"
957	1/19	1113 / 1117	"	2.3	0.92	1.42		1.3		.6	5		"
958	2/9	1027 / 1032	"	6.0	0.71	4.50		3.2		FLOATS	5		
959	2/16	1043 / 1046	"	5.0	0.49	4.49		2.2		"	5		
960	2/23	1126 / 1130	"	5.0	0.48	4.17		2.0		"	5		
961	3/2	1051 / 1054	"	5.0	0.50	4.60		2.3		"	5		
962	3/4	1048 / 1051	PETERSEN-YOAKUM	5.0	0.45	4.00		1.8		"			
963	3/16	1046 / 1050	PETERSEN	6.0	0.54	4.81		2.6		"			
964	3/23	1025 / 1028	"	5.5	0.54	4.63		2.5		"			
965	3/30	1024 / 1027	"	5.5	0.52	4.81		2.5		"	5		
966	4/6	1002 / 1006	LUYENDYK	5.1	0.92	4.78		4.4		"	6		
967	4/13	1032 / 1035	PETERSEN	6.0	0.60	4.67		2.8		"	5		
968	4/20	1024 / 1029	"	5.5	0.64	4.38		2.8		"	5		
969	4/27	1056 / 1100	"	6.0	0.62	4.52		2.8		"	5		
970	5/4	1021 / 1025	"	6.0	0.62	4.52		2.8		"	5		
971	5/10	1040 / 1045	DELGADILLO-PETERSEN	6.0	0.64	4.84		3.1		"	5		
972	5/25	1039 / 1037	PETERSEN	5.7	0.62	4.68		2.9		"	5		
973	6/1	1109 / 1112	"	5.5	0.61	3.93		2.4		"	5		
974	6/8	1037 / 1040	"	5.5	0.54	4.07		2.2		"	5		
975	6/15	1050 / 1054	"	7.0	0.85	4.00		3.4		"	5		
976	6/22	1041 / 1045	"	5.5	0.74	3.51		2.6		"	5		
977	7/13	1036 / 1048	LUYENDYK	8.5	1.26	1.67		2.1		.6	10		FC55
978	7/20	1128 / 1137	"	8.0	1.15	2.00		2.3		.5 / .6	9		"
979	7/27	1048 / 1055	"	8.0	1.31	1.45		1.9		.5 / .6	9		"
980	8/10	1038 / 1044	PETERSEN	7.0	1.54	1.17		1.8		.5 / .6	8		FC73
981	8/17	1126 / 1134	"	7.0	0.95	2.11		2.0		.5 / .6	7		"
982	8/24	1052 / 1056	"	2.0	0.90	2.22		2.0		.6	5		"
983	8/31	1032 / 1037	"	1.8	0.64	2.65		1.7		.6	5		"
984	9/7	1032 / 1036	"	2.4	0.92	1.96		1.8		.6	5		"

DISCHARGE MEASUREMENTS OF SANTA MONICA CREEK F272-S

above Rustic Canyon DURING THE YEAR ENDING SEPTEMBER 30, 1967

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
985	9/14	1052 / 1056	PETERSEN	2.4	0.97	2.17		2.1		.6	5		FC73
986	9/21	1031 / 1035	"	2.4	0.96	2.19		2.1		.6	5		"
987	9/28	1325 / 1329	"	5.5	0.48	4.58		2.2	FLOATS				

DISCHARGE MEASUREMENTS OF VALYERMO RANCH SPRING CREEK F291-S

AT Valyermo Highway DURING THE YEAR ENDING SEPTEMBER 30, 1966

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
445	11/12	1500 / 1502	WHISLER	2.5	0.52	0.44		0.23		.5	5		FC59
446	12/1	1148 / 1151		2.2	0.41	0.24		0.10		.5	5		"
	12/8		BOWMAN					0.10		EST.			
447	12/15	1106 / 1108	WHISLER	3.0	0.80	0.38		0.30		.5	4		FC59
448	12/22	1221 / 1226	"	3.0	0.78	0.26		0.20		.5	4		FC41
449	1/5	1228 / 1232	"	3.0	0.74	0.20		0.15		.5	4		FC59
450	1/12	1245 / 1248	"	3.0	0.77	0.27		0.21		.5	4		FC41
	1/19	1200	"					0.15		EST.			
	1/26	1230	"					0.15		"			
451	2/2	1225 / 1227	"	2.0	0.40	0.52		0.21		.5	5		FC59
452	2/9	1050 / 1052	"	3.0	0.54	0.39		0.21		.5	4		"
453	2/16	1045 / 1048	"	2.4	0.51	0.37		0.19		.5	5		"
454	3/2	1115 / 1118	"	3.0	0.68	0.35		0.24		.5	4		"
455	3/6	1025 / 1028	"	3.0	0.66	0.29		0.19		.5	4		"
	3/16		"					0.15		EST.			
456	3/30	1240 / 1242	"	3.0	0.64	0.25		0.16		.5	4		FC59
457	4/6	1308 / 1310	"	3.0	0.70	0.21		0.15		.5	4		"
458	4/13	1100 / 1104	"	2.0	0.41	0.29		0.12		.5	5		"
459	4/20	1210 / 1212	"	2.4	0.53	0.23		0.12		.5	4		FC41
	4/27	1230	WHISLER					0.03		EST.			
	5/4	1205	BOWMAN-WHISLER					0.01		"			
	5/12	1048	WHISLER					+		"			
	5/18	1215	"					+		"			
460	5/25	1349 / 1351	"	2.4	0.53	0.21		0.11		.5	4		FC59
	6/1	1245	WHISLER					+		EST.			
	6/15	1345	BOWMAN					0.02		"			
	6/23	1405	"					0.0		"			
	8/3	1255	"					0.01		"			

DISCHARGE MEASUREMENTS OF VALYERMO RANCH SPRING CREEK F291-S

AT Valyermo Highway DURING THE YEAR ENDING SEPTEMBER 30, 1967

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
461	10/26	1240 / 1246	BOWMAN	5.1	1.55	0.65		1.0		.5	7		FC68
	11/9	1420	"					0.05		EST.			
	12/14	1416	BOWMAN-WHISLER					0.10		"			
	12/21	1130	MEAD-BOWMAN					0.05		"			
	2/8	1300	BOWMAN	90° V-NOTCH WEIR				0.05					
462	2/15	1157	"	"	"	"		0.09					
463	2/21	1305	"	"	"	"		0.08					
464	3/1	1325	"	"	"	"		0.08					
465	3/8	1145	BOWMAN-MEAD	"	"	"		0.08					
466	3/15	1338	BOWMAN	"	"	"		0.07					
467	3/22	1430	"	"	"	"		0.06					
468	4/5	1416	"	"	"	"		0.10					
469	4/12	1345	"	"	"	"		0.11					
	5/24	1408	"					0.01		EST.			
	5/31	1340	MEAD					.1		"			

RISING WATER AT WHITTIER NARROWS

THE VALUES OF DISCHARGE SUMMARIZED HERE ARE COMPUTED BY MEANS OF INTERPOLATION BETWEEN MEASURED AMOUNTS. IT HAS BEEN NECESSARY TO ESTIMATE THE QUANTITY OF RISING WATER REACHING WHITTIER NARROWS DURING PERIODS OF HIGH FLOW SUCH AS DURING STORMS. BEGINNING IN 1954 THE IMPORTATION OF COLORADO RIVER WATER FOR SPREADING CREATED CONDITIONS WHICH MADE ACCURATE MEASUREMENTS IMPOSSIBLE TO OBTAIN. WHEN THESE CONDITIONS PREVAIL, ESTIMATES ARE MADE WHICH ARE BASED ON THE NEAREST ACCURATE VALUES.

RISING WATER DISCHARGE IS COMPUTED BY THE FORMULA:

$$M = A + B - (C + D) + G + H - (I + J)$$

M = TOTAL RISING WATER AT WHITTIER NARROWS.

A = COMPUTED FLOW OF MISSION CREEK AT SAN GABRIEL BOULEVARD.

B = MEASURED FLOW OF RIO HONDO AT MAXIMUM RISING WATER.

C = MEASURED FLOW OF RIO HONDO ABOVE RISING WATER, STATION F326-R.

D = ADDITIONAL FLOW AT VARIOUS LOCATIONS.

G = MEASURED FLOW OF SAN GABRIEL RIVER ABOVE PARKWAY BRIDGE, STATION F86-S.

H = DIVERSION ABOVE "G".

I = MEASURED FLOW OF SAN GABRIEL RIVER ABOVE RISING WATER.

J = ADDITIONAL FLOW AT VARIOUS LOCATIONS.

A GRAPH HAS BEEN INCLUDED WHICH SHOWS THE MEAN MONTHLY RISING WATER FROM JANUARY 1923 THROUGH THE PERIOD OF THIS REPORT.

DISCHARGE MEASUREMENTS OF SAN GABRIEL RIVER F86-S

below Standifer Ditch DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
1418	10/4	1330 / 1338	ROY	3.0	0.40	0.75		0.30		.5	7		FC52
1419	10/7	1414 / 1422	MC BRIDE	3.5	0.46	0.74		0.34		.5	8		"
	10/13	1430	ROY					+		EST			
1420	11/1	1530 / 1534	"	2.0	0.27	1.15		0.31		.5	5		FC52
1421	11/4	1450 / 1453	"	1.8	0.14	0.79		0.11		.5	5		"
1422	11/8	1507 / 1511	"	2.0	0.16	0.56		0.09		.5	5		"
1423	12/20	1530 / 1537	"	12.0	3.92	1.28		5.0		.5	8		FC66
1424	2/1	0943 / 0955	"	36.0	14.2	1.08		15.4		.5	14		"
1425	2/8	1508 / 1518	"	22.0	11.6	0.99		11.5		.6	10		"
1426	2/9	1425 / 1435	"	22.0	11.5	0.99		11.4		.5 / .6	10		"
1427	3/15	1012 / 1022	"	17.0	7.06	1.33		9.4		.5	10		"
1428	3/16	0845 / 0858	"	18.0	5.20	1.16		6.0		.5	11		"
1429	3/23	0918 / 0925	"	6.5	2.90	1.83		5.3		.5 / .6	7		"
1430	4/18	0845 / 0854	"	12.0	3.81	1.39		5.3		.5	8		"
1431	4/20	1442 / 1450	"	6.5	3.60	1.89		6.8		.6	7		"
1432	6/8	0955 / 1008	"	CHANNELS				4.8		.5	14		"
1433	6/26	0815 / 0828	"	"	"	"		4.4		.5 / .6	11		"
1434	6/30	1125 / 1140	"	"	"	"		4.1		.5	17		"
1435	7/7	1255 / 1315	CARPENTER	"	"	"		16.4		.5 / .6	18		"
1436	7/8	1252 / 1322	"	"	"	"		21.1		.6	23		"
1437	7/21	1500 / 1512	ROY	"	"	"		2.8		.5	12		"
1438	7/28	1305 / 1315	"	"	"	"		2.1		.5	11		FC56
1439	8/8	1522 / 1534	"	"	"	"		2.1		.5 / .6	14		FC66
1440	8/9	1020 / 1033	ROY	"	"	"		2.2		.5 / .6	13		FC66
1441	8/15	0850 / 0900	"	"	"	"		2.5		.5	10		"
1442	8/18	1130 / 1141	"	"	"	"		3.1		.5	11		"
1443	8/25	*1023 / 1033	"	"	"	"		3.9		.5	12		"

DISCHARGE MEASUREMENTS OF SAN GABRIEL RIVER F86-S

below Standifer Ditch DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
1444	10/25	0650 / 0902	ROY	CHANNELS				5.0		.5 / .6	11		FC28
1445	10/26	1013 / 1027	"	"	"	"		5.2		.5	13		"
1446	10/27	1400 / 1410	"	"	"	"		5.3		.5	13		"
1447	11/10	0825 / 0837	"	27.0	6.27	1.11		7.0		.5	11		FC66
1448	11/21	1338 / 1344	"	12.0	5.21	1.37		7.2		.5	8		"
1449	1/6	0942 / 0952	"	19.5	16.7	0.73		12.2		.6	8		"
1450	1/10	0955 / 1002	"	19.0	16.6	0.74		12.3		.6	8		"
1451	1/12	0956 / 1004	"	24.5	11.8	1.08		12.8		.5 / .6	10		"
1452	2/27	1058 / 1110	"	25.0	8.41	1.59		13.4		.5	12		"
1453	3/15	0945 / 1003	"	CHANNELS				17.8		.5 / .6	19		"
1454	3/17	0846 / 0903	"	"	"	"		17.3		.5 / .6	19		"
1455	3/27	1016 / 1036	"	"	"	"		13.8		.5	22		"
1456	4/3	1455 / 1509	"	"	"	"		13.9		.5 / .6	15		"
1457	4/25	1537 / 1555	"	"	"	"		22.4		.5 / .6	18		"
1458	5/18	1328 / 1345	"	"	"	"		15.4		.5 / .6	21		"
1459	5/25	1140 / 1147	"	10.0	6.91	2.40		16.6		.6	7		"
1460	6/1	1125 / 1150	"	CHANNELS				21.2		.5 / .6	16		"
1461	6/8	1116 / 1127	"	"	"	"		16.1		.5 / .6	11		"
1462	6/15	1151 / 1205	"	"	"	"		18.5		.5 / .6	18		"
1463	6/22	1130 / 1145	"	"	"	"		10.3		.5 / .6	18		"
1464	6/29	1112 / 1117	"	4.0	3.80	3.16		12.0		.6	6		"
1465	7/6	1101 / 1110	"	4.0	4.04	3.24		13.1		.6	6		"
1466	7/13	1123 / 1128	"	4.0	3.38	2.57		8.7		.6	6		"
1467	7/20	1030 / 1036	"	10.0	4.70	1.55		7.3		.6	7		"
1468	7/20	1043 / 1048	"	4.0	3.18	2.23		7.1		.6	6		"
1469	7/27	1015 / 1023	ROY-CARLTON	9.0	3.84	1.78		6.8		.5	10		"
1470	8/3	1129 / 1140	SINGER	9.0	3.83	1.72		6.6		.6	10		"
1471	8/3	1145 / 1200	"	4.0	4.11	1.63		6.7		.6	9		"
1472	8/10	1102 / 1108	ROY	11.0	5.33	1.39		7.4		.6	7		"
1473	8/10	1114 / 1118	"	3.0	3.08	1.97		6.1		.6	5		"
1474	8/17	1328 / 1335	"	10.0	5.04	1.07		5.4		.6	7		"
1475	8/24	1048 / 1055	"	11.0	6.01	1.20		7.2		.6	7		"
1476	8/31	1350 / 1357	"	9.5	4.09	1.51		6.2		.5	7		"
1477	9/7	1326 / 1333	"	13.0	4.60	1.41		6.5		.5	8		"
1478	9/14	1335 / 1342	"	13.0	4.67	1.46		6.8		.5	8		"
1479	9/21	1315 / 1320	"	9.0	4.10	1.54		6.3		.6	6		"
1480	9/28	1423 / 1430	"	10.0	4.90	1.67		8.2		.5 / .6	7		"

76D74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Sta. No._____

Daily discharge, in second-feet of RISING WATER at Whittier Narrows (Total), for the year ending September 30, 19 66

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	0.3	2.4	7.8	14.2	13.6	11.5	11.1	11.6	8.3	4.0	7.9
2	0.2	0.2	2.6	8.0	14.3	13.6	11.6	11.2	11.6	8.1	3.9	8.0
3	0.3	0.1	2.7	8.2	14.3	13.4	11.7	11.2	11.6	7.8	3.8	8.1
4	0.3	0.1	2.9	8.4	14.4	13.4	11.8	11.2	11.6	7.7	3.8	8.2
5	0.3	0.1	3.0	8.6	14.4	13.1	11.9	11.2	11.5	7.5	3.9	8.3
6	0.3	0.1	3.2	8.7	14.6	13.1	11.9	11.1	11.5	7.2	4.0	8.4
7	0.3	0.1	3.4	8.9	14.6	12.9	12.0	11.1	11.5	7.2	4.1	8.5
8	0.2	0.1	3.5	9.1	14.7	12.8	12.1	11.2	11.5	7.0	4.2	8.6
9	0.2	0.1	3.7	9.3	14.9	12.7	12.2	11.2	11.5	6.8	4.4	8.9
10	0.2	0.1	3.9	9.5	14.9	12.6	12.2	11.2	11.4	6.6	4.6	9.1
11	0.1	0.2	4.1	9.7	15.0	12.5	12.3	11.2	11.4	6.4	4.8	9.3
12	0.1	0.2	4.3	9.9	15.0	12.4	12.3	11.2	11.4	6.2	5.0	9.4
13	+	0.2	4.4	10.2	15.0	12.3	12.4	11.2	11.4	6.0	5.2	9.6
14		0.3	4.5	10.4	15.1	12.2	12.4	11.3	11.4	5.8	5.3	9.8
15		0.4	4.7	10.6	15.1	12.1	12.3	11.3	11.4	5.7	5.5	9.9
16		0.5	4.8	10.8	15.2	11.9	12.2	11.3	11.3	5.7	5.7	9.9
17		0.6	5.0	11.0	15.2	11.9	12.1	11.3	11.3	5.6	5.8	9.9
18		0.7	5.2	11.2	15.0	11.6	12.0	11.3	11.4	5.6	5.9	9.9
19		0.9	5.4	11.5	14.9	11.3	11.9	11.3	11.3	5.6	6.0	9.9
20	+	1.0	5.5	11.7	14.7	11.1	11.8	11.3	11.3	5.5	6.3	9.9
21	0.1	1.1	5.7	11.9	14.6	10.7	11.7	11.3	11.3	5.5	6.4	9.9
22	0.1	1.2	5.9	12.0	14.5	10.5	11.7	11.3	10.9	5.3	6.7	9.8
23	0.1	1.3	6.1	12.2	14.3	10.6	11.6	11.3	10.6	5.1	6.8	9.8
24	0.2	1.4	6.3	12.5	14.3	10.7	11.5	11.3	10.2	4.9	7.1	9.8
25	0.2	1.5	6.5	12.7	14.1	10.7	11.4	11.3	9.8	4.7	7.3	9.8
26	0.2	1.6	6.7	12.9	14.1	10.8	11.3	11.3	9.5	4.5	7.3	9.7
27	0.2	1.8	6.9	13.1	14.0	11.0	11.3	11.4	9.2	4.3	7.5	9.7
28	0.2	1.9	7.1	13.3	13.8	11.0	11.2	11.4	8.7	4.2	7.5	9.7
29	0.3	2.1	7.3	13.5		11.1	11.1	11.5	8.5	4.2	7.7	9.7
30	0.3	2.2	7.5	13.7		11.2	11.1	11.5	8.3	4.1	7.7	9.6
31	0.3		7.6	13.9		11.3		11.5		4.0	7.9	
	4.9	22.4	152.8	335.2	409.2	370.1	354.5	349.5	325.9	183.1	176.1	279.0
MEAN	0.16	0.75	4.93	10.8	14.6	11.9	11.8	11.3	10.9	5.94	5.68	9.30
ACRE-FEET	9.7	44.	303.	665.	812.	734.	703.	693.	646.	363.	349.	553.

Remarks: + = 0.05 CFS OR LESS

YEAR OR PERIOD MEAN 8.17
ACRE-FEET 5,870.

76D74M Gib 1-59

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

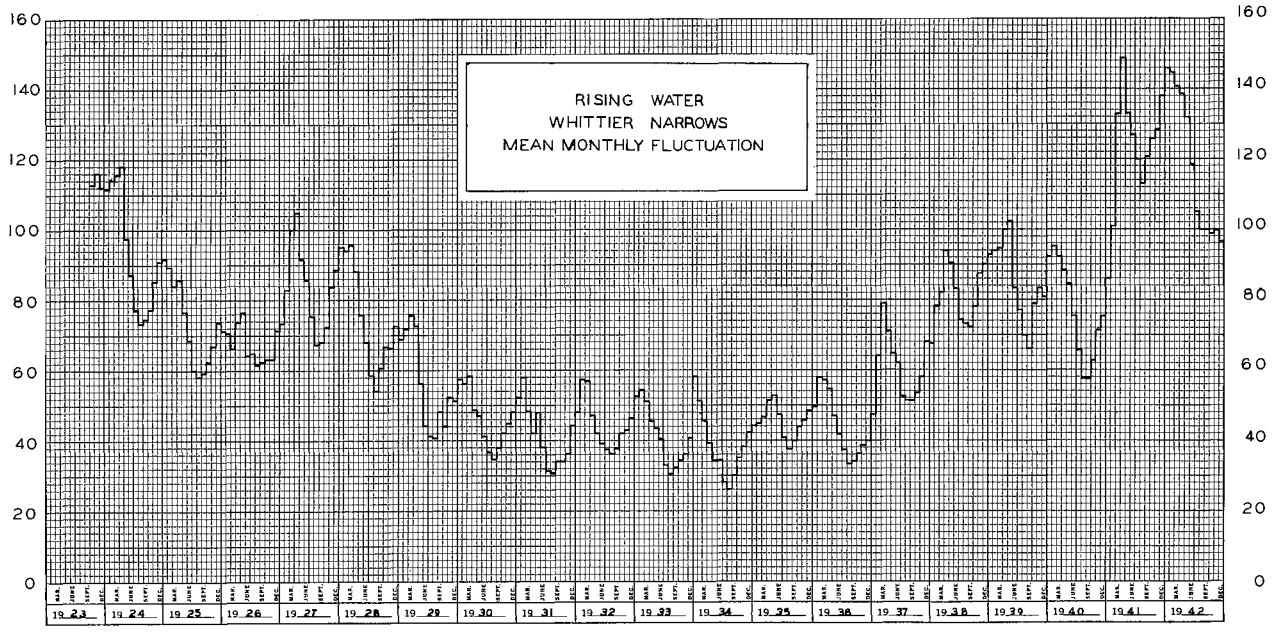
Sta. No._____

Daily discharge, in second-feet of RISING WATER at Whittier Narrows (Total), for the year ending September 30, 19 67

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9.9	10.3	15.4	18.3	20.2	21.2	24.2	27.3	25.1	21.3	17.3	16.4
2	9.8	10.6	15.5	18.4	20.2	21.2	24.3	27.3	25.1	21.5	17.3	16.6
3	9.8	10.8	15.7	18.3	20.3	21.3	24.6	27.1	24.8	21.6	17.2	16.6
4	9.8	11.1	15.8	18.4	20.3	21.3	24.6	27.1	24.7	21.7	17.1	16.7
5	9.7	11.3	15.9	18.5	20.3	21.3	24.8	26.9	24.6	21.9	17.0	16.6
6	9.7	11.8	16.1	18.5	20.3	21.5	25.1	26.9	24.5	22.1	17.0	16.7
7	9.7	12.0	16.2	18.5	20.3	21.5	25.1	26.9	24.2	22.1	16.9	16.8
8	9.7	12.3	16.3	18.5	20.3	21.6	25.2	26.8	24.0	21.9	16.7	16.8
9	9.6	12.5	16.4	18.6	20.4	21.6	25.5	26.6	23.8	21.7	16.6	16.9
10	9.6	12.8	16.5	18.6	20.4	21.9	25.5	26.5	23.5	21.5	16.6	16.9
11	9.6	12.9	16.6	18.6	20.5	21.9	25.6	26.5	23.3	21.5	16.6	17.1
12	9.5	13.0	16.7	18.7	20.5	22.0	25.8	26.3	23.1	21.3	16.7	17.1
13	9.5	13.2	16.8	18.7	20.5	22.2	25.8	26.3	22.8	21.1	16.6	17.2
14	9.5	13.5	16.9	18.8	20.4	22.4	25.9	26.1	22.5	21.0	16.6	17.2
15	9.6	13.6	16.9	18.8	20.5	22.4	26.1	26.0	22.4	20.6	16.6	17.2
16	9.5	13.8	17.0	18.8	20.5	22.7	26.2	26.0	22.2	20.4	16.5	17.1
17	9.5	14.1	17.2	18.8	20.6	22.7	26.3	25.9	22.1	20.0	16.6	17.1
18	9.5	14.1	17.2	18.8	20.6	22.8	26.4	25.9	22.0	19.8	16.5	17.0
19	9.5	14.2	17.3	18.9	20.6	22.9	26.6	26.0	21.8	19.4	16.5	16.9
20	9.4	14.4	17.4	19.1	20.7	22.9	26.7	25.8	21.7	19.0	16.5	16.8
21	9.4	14.5	17.5	19.2	20.7	22.9	26.7	25.8	21.5	19.0	16.5	16.8
22	9.4	14.5	17.6	19.4	20.7	23.1	27.0	25.8	21.3	18.7	16.6	17.0
23	9.3	14.6	17.6	19.5	20.7	23.1	27.0	25.8	21.3	18.6	16.5	17.1
24	9.3	14.6	17.8	19.6	20.8	23.2	27.2	25.7	21.3	18.3	16.5	17.2
25	9.3	14.8	17.9	19.8	20.9	23.3	27.4	25.7	21.3	18.3	16.5	17.3
26	9.5	14.9	17.9	20.1	20.9	23.5	27.5	25.6	21.2	18.1	16.4	17.4
27	9.6	14.9	18.0	20.1	20.9	23.5	27.4	25.5	21.2	17.9	16.5	17.6
28	9.7	15.1	18.1	20.1	20.9	23.7	27.3	25.4	21.1	17.9	16.4	17.7
29	9.9	15.1	18.2	20.1		23.8	27.2	25.5	21.0	17.7	16.4	17.8
30	9.9	15.2	18.3	20.1		23.9	27.2	25.4	21.1	17.6	16.4	17.9
31	10.0		18.3	20.1		24.1		25.2		17.4	16.4	
	297.7	400.5	527.0	590.7	574.9	697.4	782.2	811.6	680.5	620.9	516.5	511.5
MEAN	9.60	13.4	17.0	19.0	20.5	22.5	26.1	26.2	22.7	20.0	16.7	17.0
ACRE-FEET	590.	794.	1,050.	1,170.	1,140.	1,380.	1,550.	1,610.	1,350.	1,230.	1,020.	1,010.

Remarks:

YEAR OR PERIOD MEAN 19.2
ACRE-FEET 13,890.


RISING WATER
WHITTIER NARROWS
MEAN MONTHLY FLUCTUATION
160
140
120
100
80
60
40
20
0
19 23
19 24
19 25
19 26
19 27
19 28
19 29
19 30
19 31
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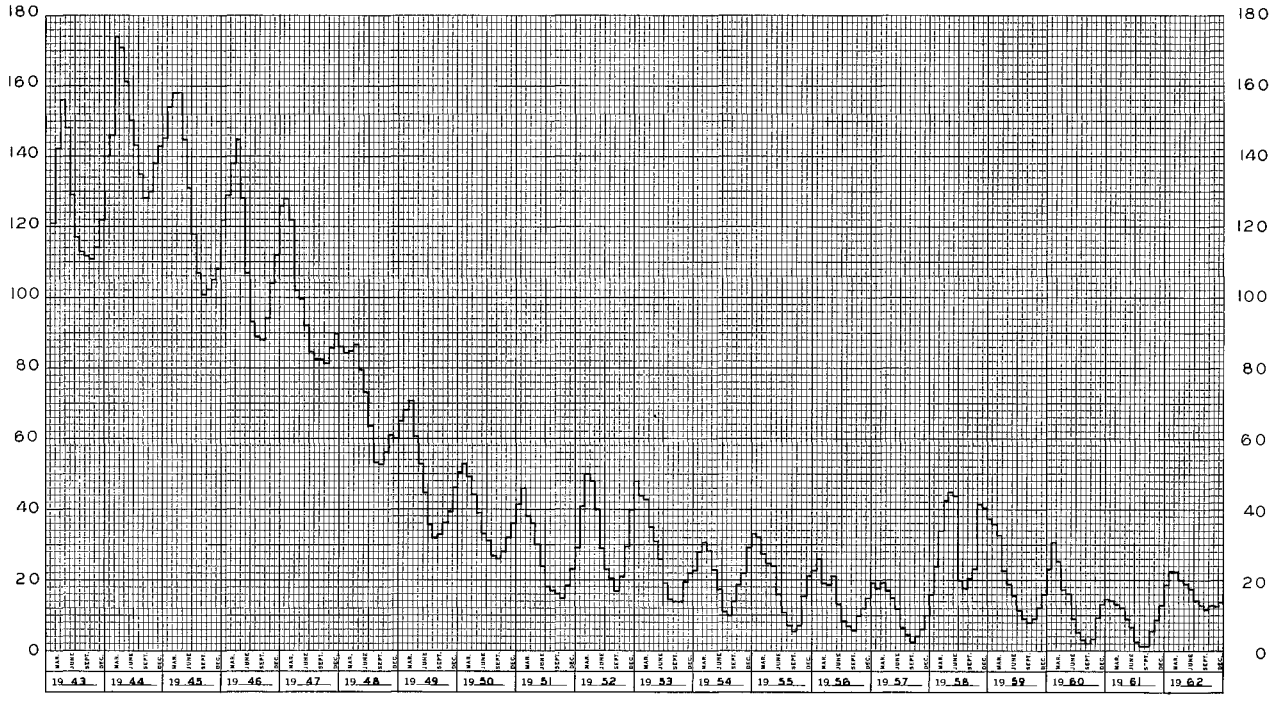
19 41
19 42


DISCHARGE IN SECOND-FEET
180
160
140
120
100
80
60
40
20
0
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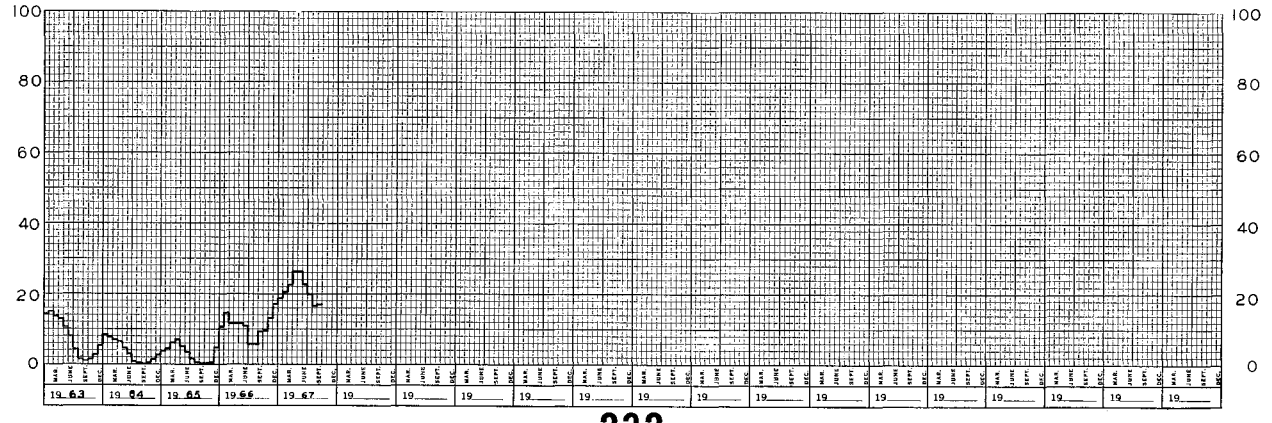
100
80
60
40
20
0
19 63
19 64
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19

MISCELLANEOUS MEASUREMENTS

DISCHARGE MEASUREMENTS OF ANTELOPE VALLEY DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			OVERFLOW FROM BIG ROCK PATROL STATION SPRING										
	10/13	1210	WHISLER					0.02		Est.			
	10/27	1130	"					0.02		"			
238	11/12	1410 / 1412	"	0.8	0.13	0.15		0.02		.5	5		FC59
	12/1	1245	"					0.03		Est.			
	12/8	1435	BOWMAN					0.03		"			
	12/15	1445	WHISLER					0.03		"			
	12/22	1400	"					0.03		"			
	1/5	1240	"					0.03		"			
	1/12	1310	"					0.03		"			
	1/19	1215	"					0.03		"			
	1/26	1225	"					0.03		"			
	2/2	1215	"					0.03		"			
	2/9	1205	"					0.03		"			
	2/26	1055	"					0.03		"			
	3/2	1110	"					0.03		"			
	3/6	1035	"					0.03		"			
	3/16		"					0.03		"			
	3/30	1245	"					0.03		"			
	4/6	1315	"					0.03		"			
	4/13	1115	"					0.03		"			
	4/20	1215	"					0.03		"			
	4/27	1235	"					0.03		"			
	5/4	1225	"					0.02		"			
	5/12	1145	"					0.02		"			
	5/18	1218	"					0.02		"			
	5/25	1345	"					0.02		"			
	6/1	1250	"					0.02		"			
239	6/15	1350 / 1353	BOWMAN	0.8	0.14	0.36		0.05		.5	5		FC70
240	6/23	1100	"	90° V-NOTCH WEIR				0.05					
241	6/29	1400	"	"	"	"		0.05					
242	7/6	1150	"	"	"	"		0.07					
243	7/13	1305	"	"	"	"		0.05					
244	7/20	1140	"	"	"	"		0.07					
245	7/27	1230	"	"	"	"		0.07					
246	8/3	1310	"	"	"	"		0.08					
247	8/10	1235	"	"	"	"		0.07					
248	8/17	1300	"	"	"	"		0.07					
249	8/31	1150	"	"	"	"		0.06					
250	9/14	1250	"	"	"	"		0.07					
251	9/27	1310	"	"	"	"		0.07					

DISCHARGE MEASUREMENTS OF ANTELOPE VALLEY DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			OVERFLOW FROM BIG ROCK PATROL STATION SPRING										
252	10/14	1140	BOWMAN	90° V-NOTCH WEIR				0.07					
253	10/26	1315	"	"	"	"		0.06					
254	11/9	1145	"	"	"	"		0.07					
255	11/23	1415	"	"	"	"		0.07					
256	11/30	1340	"	"	"	"		0.07					
257	12/14	1422	BOWMAN - WHISLER	"	"	"		0.06					
258	12/21	1030	MEAD - BOWMAN	"	"	"		0.06					
259	12/28	1425	BOWMAN	"	"	"		0.05					
	1/4	1315	"					0.05					
260	1/11	1425	"	90° V-NOTCH WEIR				0.05					
261	1/18	1437	"	"	"	"		0.05					
262	2/8	1315	"	"	"	"		0.02					
263	2/15	1135	"	"	"	"		0.02					
264	3/1	1350	"	"	"	"		0.05					
265	3/8	1155	BOWMAN - MEAD	"	"	"		+					
266	3/15	1345	BOWMAN	"	"	"		0.05					
267	3/22	1140	"	"	"	"		+					
268	4/5	1430	"	"	"	"		+					
269	4/12	1400	"	"	"	"		0.02					
	5/24	1510	"					.01		Est.			
	5/31	1330	MEAD					0		Est.			

DISCHARGE MEASUREMENTS OF SANTA CLARA RIVER DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SANTA CLARA RIVER 1.0 mile below Ravenna										
154	10/14	1405 / 1415	WHISLER	5.0	0.84	0.99		0.83		.5	6		FC59
155	11/10	1410 / 1420	SINGER	2.2	0.60	1.23		0.74		.6	6		FC48H
156	2/10	1105 / 1112	WHISLER	8.0	3.46	2.72		9.4		.5	9		FC41
157	3/30	1630 / 1636	"	7.0	2.40	2.42		5.8		.5	8		"
158	5/5	1350 / 1355	"	5.0	1.24	2.26		2.8		.5	6		"
159	6/30	1500 / 1510	BOWMAN	4.0	1.13	1.33		1.5		.5	5		FC64
160	8/4	1317 / 1323	"	3.2	1.29	1.24		1.6		.5	6		"
161	9/1	1500 / 1510	"	4.0	1.42	1.06		1.5		.5	6		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			CASTAIC CREEK below Dam Keyway Pit										
1	4/28	0843 / 0855	WHISLER - LOCKBAUM	13.5	3.60	1.42		5.1		.5	15		FC41
2	5/11	1013 / 1020	BOWMAN - WHISLER	13.5	3.53	1.30		4.6		.5	8		"
3	5/19	0754 / 0800	WHISLER	13.5	3.42	1.29		4.4		.5	8		"
4	5/26	0924 / 0932	"	13.5	3.50	1.31		4.6		.5	10		"
5	6/2	0754 / 0802	"	14.0	3.49	1.26		4.4		.5	10		"
6	6/9	1310 / 1317	BOWMAN	9.0	2.58	1.16		3.0		.5	11		FC64
7	6/16	1325 / 1334	"	7.7	2.23	1.57		3.5		.5	9		"
8	6/22	1322 / 1328	"	7.7	2.83	1.31		3.7		.5	8		"
9	6/30	1207 / 1216	"	7.6	3.35	1.26		4.2		.5	10		"
10	7/7	1100 / 1115	"	7.7	3.41	1.23		4.2		.5	12		"
11	7/14	1308 / 1320	"	7.7	3.31	1.27		4.2		.5	11		"
12	7/21	1105 / 1116	"	7.7	3.29	1.21		4.0		.6	11		"
13	7/28	1215 / 1225	"	7.7	3.41	1.17		4.0		.5	11		"
14	8/11	1130 / 1139	"	8.0	4.40	0.91		4.0		.5	10		"
15	8/25	1120 / 1130	"	9.5	6.38	0.66		4.2		.5	11		"
16	9/8	1138 / 1149	"	7.5	1.66	1.20		2.0		.5	9		"
17	9/22	1145 / 1155	"	7.3	2.01	1.04		2.1		.5	9		"
			CASTAIC DAM-SOUTH PORTAL at Diversion Tunnel (Groundwater to River)										
1	6/16	1343 / 1346	BOWMAN	2.5	0.17	0.65		0.11		Flows	4		
	6/22	1340	"					0.3		Est.			
	6/30	1230	"					0.3		"			
2	7/7	1145	"					0.30		Volu-metric			
	7/14	1335	"					0.3		Est.			
3	7/21	1130	"					0.29		Volu-metric			
	7/28	1245	"					0.2		Est.			
4	8/11	1110	"					0.20		Volu-metric			
5	8/25	1145	"					0.14		"			
6	9/8	1220	"					0.13		"			
7	9/22	1130	"					0.11		"			
			CASTAIC CREEK 300' below Highway 99 Bridge										
15	4/28	1005 / 1010	WHISLER - LOCKBAUM	5.8	1.10	1.18		1.3		.5	8		FC41

DISCHARGE MEASUREMENTS OF SANTA CLARA RIVER DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SANTA CLARA RIVER 1.0 Mile below Ravenna										
162	10/13	1330 / 1337	BOWMAN	3.5	1.38	1.30		1.8		.5	6		FC70
163	12/29	1355 / 1402	"	5.7	1.56	1.34		2.1		.5	7		FC68
164	3/2	1330 / 1335	"	6.5	2.05	1.90		3.9		.5	8		FC64
165	5/18	1525 / 1535	"	14.0	5.56	2.41		13.4		.5	9		FC68
166	8/17	1318 / 1322	"	5.0	1.74	1.26		2.2		.6	7		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			CASTAIC CREEK below Dam Keyway Pit										
18	10/6	1020 / 1030	BOWMAN	6.9	2.05	1.02	0.76	2.1		.5	9		FC64
19	10/20	1346 / 1352	MEAD	8.0	2.72	0.85		2.3		.6	5		FC56
20	11/3	1303 / 1310	"	8.0	2.96	0.78	0.80	2.3		.6	5		"
21	11/17	1233 / 1237	"	8.0	4.82	0.54	0.97	2.6		.6	6		"
22	12/1	1120 / 1125	BOWMAN - WHISLER	4.0	1.47	1.77	0.70	2.6		.5	7		FC64
23	12/29	1145 / 1152	BOWMAN	7.0	3.08	1.76	0.88	5.4		.5	8		FC68
			SOUTH PORTAL-DIVERSION TUNNEL Groundwater to River										
	10/6	1045	BOWMAN					0.3		Est.			
	2/16	1215	"					0.67		Volu-metric			

DISCHARGE MEASUREMENTS OF SANTA MONICA MOUNTAIN-COASTAL DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			ARROYO SEQUIT at Mulholland Drive										
317	10/7	1321 / 1325	PETERSEN	1.0	0.07	0.57		0.04		.6	5		FC73
318	10/14	1300 / 1304	"	1.0	0.08	0.38		0.03		.6	5		"
319	10/21	1319 / 1323	FABER	0.5	0.03	0.33		0.01		.6	4		"
320	10/28	1308 / 1310	PETERSEN	0.6	0.04	0.25		0.01		.6	4		"
321	11/4	1240 / 1242	"	0.6	0.04	0.25		0.01		.6	4		"
322	11/12	1312 / 1314	"	0.6	0.02	0.50		0.01		.6	4		"
323	11/19	1430 / 1445	"	16.3	19.6	0.55		10.7		.6	12		FC55
324	11/23	1413 / 1424	FABER - PETERSEN	16.5	33.8	2.15		72.5		.6	8		"
325	12/1	1343 / 1355	PETERSEN - FABER	16.4	18.7	0.53		9.9		.6	12		"
326	12/9	1318 / 1330	PETERSEN	15.0	11.3	0.37		4.2		.6	9		"
327	12/10	1054 / 1100	PETERSEN - FABER	15.0	11.6	0.38		4.4		.6	9		"
328	12/16	1335 / 1347	PETERSEN	14.5	11.3	0.35		3.9		.6	10		"
329	12/22	1340 / 1350	"	11.5	7.76	0.36		2.8		.6	7		"
330	1/5	1112 / 1122	PETERSEN - FABER	21.5	11.0	1.98		21.8		.6	12		"
331	1/13	1316 / 1326	PETERSEN	5.5	4.15	2.07		8.6		.6	7		"
332	1/20	1313 / 1322	"	5.0	3.83	1.28		4.9		.6	7		"
333	1/27	1242 / 1250	"	5.0	3.73	1.04		3.9		.6	7		"
334	2/3	1413 / 1421	"	18.0	4.2	1.19		5.0		.6	7		"
335	2/7	1315 / 1326	"	20.0	6.61	1.51		10.0		.6	10		"
336	2/10	1241 / 1251	"	15.0	4.82	1.49		7.2		.6	9		"
337	2/17	1241 / 1250	"	14.6	3.24	1.20		3.9		.6	8		"
338	2/24	1245 / 1252	"	6.0	2.10	1.48		3.1		.6	7		"
339	3/3	1240 / 1248	"	6.5	2.14	1.21		2.6		.6	7		"
340	3/10	1247 / 1252	"	4.0	1.35	1.63		2.2		.6	5		"
341	3/17	1248 / 1254	"	3.5	1.13	1.42		1.6		.6	5		"
342	3/24	1251 / 1255	"	2.5	0.72	1.53		1.1		.6	5		"
343	3/31	1300 / 1305	"	2.4	0.68	1.62		1.1		.6	5		"
344	4/7	1232 / 1238	"	2.5	0.67	1.49		1.0		.6	5		"
345	4/14	1255 / 1300	"	2.5	0.59	1.46		0.86		.6	5		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
			ARROYO SEQUIT at Mulholland Drive (Cont.)										
346	4/21	1303 / 1309	PETERSEN	2.5	0.67	1.28		0.86		.6	5		FC55
347	4/28	1310 / 1317	"	2.4	0.63	1.13		0.71		.6	6		FC73
348	5/5	1227 / 1232	"	2.3	0.58	1.21		0.70		.6	5		FC55
349	5/19	1302 / 1307	"	2.4	0.57	1.04		0.59		.6	5		"
350	5/26	1349 / 1354	"	2.3	0.57	1.09		0.62		.6	5		FC73
351	6/2	1318 / 1322	"	2.0	0.43	1.23		0.53		.6	5		"
352	6/9	1316 / 1321	"	2.0	0.42	0.90		0.38		.6	5		"
353	6/16	1250 / 1255	"	2.0	0.34	1.06		0.36		.6	5		"
354	6/22	1414 / 1420	MC BRIDE	1.7	0.26	1.04		0.27		.6	5		FC59
355	6/29	1130 / 1135	"	1.6	0.22	1.00		0.22		.6	5		"
356	7/7	1222 / 1230	FABER - LARSON	2.0	0.36	0.89		0.32		.6	5		FC73
357	7/14	1115 / 1120	FABER	2.0	0.35	0.80		0.28		.6	5		"
358	7/21	1345 / 1349	PETERSEN	1.8	0.26	0.85		0.22		.6	5		"
359	7/28	1403 / 1409	"	1.7	0.22	0.68		0.15		.6	6		"
360	8/4	1304 / 1308	"	1.5	0.17	0.71		0.12		.6	5		"
361	8/11	1322 / 1328	"	1.5	0.20	0.85		0.17		.6	6		"
362	8/18	1255 / 1300	"	1.6	0.16	0.56		0.09		.6	5		"
363	8/25	1234 / 1239	"	1.6	0.15	0.53		0.08		.6	6		"
364	9/1	1325 / 1330	"	1.5	0.13	0.46		0.06		.6	5		"
365	9/8	1301 / 1307	"	1.5	0.12	0.42		0.05		.6	5		"
366	9/15	1320 / 1325	"	1.5	0.11	0.27		0.03		.6	5		FC73
367	9/22	1316 / 1319	"	0.9	0.07	0.29		0.02		.6	5		"
368	9/29	1321 / 1325	"	0.9	0.06	0.50		0.03		.6	5		"
			RUSTIC CANYON CREEK above Junction with Santa Monica Canyon										
427	10/7	1025 / 1034	PETERSEN	5.0	0.45	0.84		0.38		.6	7		FC73
428	10/14	1034 / 1042	"	4.2	0.40	1.05		0.42		.6	7		"
429	10/21	1105 / 1110	FABER	4.5	0.39	0.72		0.28		.6	5		"
430	10/28	1034 / 1040	PETERSEN	4.0	0.27	1.37		0.37		.6	6		"
431	11/4	1016 / 1021	"	4.4	0.35	1.03		0.36		.6	6		"
432	11/12	1027 / 1035	"	4.2	0.33	0.94		0.31		.6	7		"
433	12/9	1100 / 1110	"	8.0	1.30	2.07		2.7		.6	8		"
434	12/16	1122 / 1130	"	9.0	1.42	1.76		2.5		.6	7		"
435	12/22	1103 / 1112	"	8.5	0.96	1.56		1.5		.6	9		"
436	1/6	1017 / 1029	"	9.0	3.08	3.70		11.4		.6	10		FC55
437	1/13	1032 / 1044	"	8.5	2.19	2.88		6.3		.6	10		"
438	1/20	1053 / 1100	"	8.5	1.79	2.57		4.6		.6	7		FC73
439	1/27	1015 / 1024	"	9.0	1.80	1.95		3.5		.6	7		"
440	2/10	1000 / 1010	"	9.0	2.18	2.20		4.8		.6	10		"
441	2/17	1022 / 1032	"	6.7	1.27	2.29		2.9		.6	9		"
442	2/24	1013 / 1020	"	5.0	1.18	2.20		2.6		.6	7		"
443	3/3	1000 / 1008	"	5.0	1.10	2.09		2.3		.6	7		"
444	3/10	1025 / 1033	"	4.8	1.06	1.98		2.1		.6	7		"
445	3/17	1026 / 1033	"	5.0	1.08	2.04		2.2		.6	7		"
446	3/24	1026 / 1035	"	5.0	1.02	1.57		1.6		.6	7		"
447	3/31	1100 / 1105	"	5.0	1.30	1.54		2.0		.6	6		"
448	4/7	0943 / 0949	"	5.0	1.38	1.01		1.4		.6	6		"
449	4/14	1013 / 1018	"	4.5	1.18	1.52		1.8		.6	6		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
			RUSTIC CANYON CREEK above Junction with Santa Monica Canyon (Cont.)										
450	4/21	1033 / 1040	PETERSEN	4.5	1.15	1.30		1.5		.6	6		FC73
451	4/28	1051 / 1100	"	5.3	1.15	1.22		1.4		.6	7		"
452	5/5	0949 / 0958	"	4.5	0.92	1.52		1.4		.6	7		"
453	5/19	1044 / 1052	"	4.0	1.06	1.13		1.2		.6	7		"
454	5/26	1055 / 1105	"	5.0	0.78	1.28		1.0		.6	7		"
455	6/2	1030 / 1038	"	4.0	0.95	1.05		1.0		.6	7		"
456	6/9	1020 / 1028	"	4.0	1.28	0.75		0.96		.6	6		"
457	6/16	1032 / 1038	"	4.5	1.40	0.86		1.2		.6	6		"
458	6/22	1114 / 1122	MC BRIDE	4.0	0.94	0.96		0.90		.6	6		FC59
459	6/29	1335 / 1342	"	3.0	0.74	1.20		0.89		.6	7		"
460	7/14	0920 / 0925	FABER	6.3	0.81	1.36		1.10		.6	6		FC73
461	7/21	1145 / 1153	PETERSEN	3.5	0.58	1.60		0.93		.6	8		"
462	7/28	1125 / 1131	"	2.5	0.45	1.64		0.74		.6	6		"
463	8/4	1008 / 1015	"	6.0	0.44	1.70		0.75		.6	6		"
464	8/11	1016 / 1026	"	4.0	0.42	1.45		0.61		.6	8		"
465	8/18	1001 / 1010	"	4.0	0.65	1.11		0.72		.6	8		"
466	8/25	1014 / 1021	"	5.0	0.51	1.51		0.77		.6	7		"
467	9/1	1050 / 1057	"	4.2	0.34	1.47		0.50		.6	7		"
468	9/8	1057 / 1103	"	4.8	0.60	1.30		0.78		.6	6		"
469	9/15	1039 / 1050	"	4.8	0.41	1.41		0.58		.6	8		"
470	9/22	1052 / 1059	"	4.5	0.46	1.04		0.48		.6	8		"
471	9/29	1057 / 1106	"	6.0	0.60	1.10		0.66		.6	7		"

DISCHARGE MEASUREMENTS OF SANTA MONICA MOUNTAIN-COASTAL DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 1967

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
			ARROYO SEQUIT at Mulholland Drive										
369	10/6	1258 / 1300	PETERSEN	0.6	0.04	0.50		0.02		.6	4		FC73
370	10/13	1300 / 1303	"	0.6	0.04	0.50		0.02		.6	4		"
371	10/27	1321 / 1324	"	0.6	0.04	0.50		0.02		.6	4		"
372	11/3	1344 / 1347	"	0.6	0.04	0.50		0.02		.6	4		"
373	11/10	1407 / 1412	"	0.8	0.06	0.50		0.03		.6	5		"
374	11/17	1302 / 1306	"	0.8	0.06	0.50		0.03		.6	5		"
375	11/23	1405 / 1409	"	0.8	0.06	0.50		0.03		.6	5		"
376	12/1	1309 / 1312	"	0.8	0.06	0.50		0.03		.6	5		"
377	12/8	1355 / 1410	"	16.4	12.1	2.78		33.7		.6	12		FC55
378	12/15	1352 / 1404	"	13.4	4.18	1.22		5.1		.6	11		"
379	12/22	1248 / 1256	"	6.0	2.65	1.70		4.5		.6	7		"
380	12/29	1315 / 1322	"	4.0	1.62	1.67		2.7		.6	7		"
381	1/5	1302 / 1312	"	4.0	1.38	1.59		2.2		.6	7		"
382	1/12	1256 / 1303	"	3.7	1.22	1.23		1.5		.6	7		FC73
383	1/19	1332 / 1337	"	3.4	1.09	1.10		1.2		.6	7		"
384	1/26	1200 / 1210	PETERSEN - FABER	16.3	14.2	3.66		51.9		.6	9		FC55
385	2/2	1320 / 1333	PETERSEN	16.4	8.40	1.57		13.2		.6	11		"
386	2/9	1255 / 1307	"	9.1	4.81	1.46		7.0		.6	9		"
387	2/16	1314 / 1323	"	7.0	2.82	1.56		4.4		.6	8		"
388	2/23	1313 / 1330	"	6.5	2.38	1.43		3.4		.6	7		"
389	3/2	1305 / 1312	"	6.2	2.02	1.29		2.6		.6	7		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			ARROYO SEQUIT at Mulholland Drive (Cont.)										
390	3/9	1247 / 1253	PETERSEN - YOAKUM	6.0	1.78	1.18		2.1		.6	7		FC55
391	3/16	1346 / 1356	PETERSEN	7.5	2.77	1.34		3.7		.6	8		"
392	3/23	1310 / 1316	"	6.8	2.31	1.13		2.6		.6	7		"
393	3/30	1338 / 1345	"	6.3	1.87	1.02		1.9		.6	7		"
394	4/6	1419 / 1433	LUYENDYK	7.2	1.78	1.24		2.2		.6	9		FC73
395	4/13	1418 / 1425	PETERSEN	7.5	2.92	1.51		4.4		.6	8		FC55
396	4/20	1227 / 1242	"	16.4	7.98	1.29		10.3		.6	12		"
397	4/26	1512 / 1524	"	16.5	7.58	1.44		10.9		.6	12		"
398	5/4	1330 / 1343	"	9.0	4.17	1.37		5.7		.6	11		"
399	5/10	1342 / 1350	PETERSEN - DELGADILLO	8.0	3.18	1.10		3.5		.6	9		"
400	5/18	1240 / 1250	PETERSEN	8.0	2.71	0.92		2.5		.6	8		"
401	5/25	1340 / 1348	"	7.5	2.50	0.80		2.0		.6	8		"
402	6/1	1358 / 1404	"	5.5	1.89	0.90		1.7		.6	7		"
403	6/8	1326 / 1332	"	5.3	1.67	0.78		1.3		.6	7		"
404	6/15	1335 / 1342	"	5.5	1.63	0.74		1.2		.6	7		"
405	6/22	1331 / 1337	"	5.0	1.50	0.66		0.99		.6	7		"
406	6/29	1331 / 1337	"	5.2	1.38	0.59		0.82		.5 .6	7		"
407	7/6	1407 / 1413	"	5.0	1.32	0.52		0.69		.5 .6	7		"
408	7/13	1326 / 1337	LUYENDYK	5.0	1.25	0.41		0.51		.6	8		"
409	7/20	1403 / 1410	"	4.8	1.10	0.45		0.49		.6	7		"
410	7/27	1320 / 1325	"	4.3	0.93	0.49		0.46		.6	6		"
411	8/3	1346 / 1352	PETERSEN	4.6	0.95	0.53		0.50		.5 .6	6		"
412	8/10	1313 / 1318	"	2.5	0.56	0.75		0.42		.5 .6	6		"
413	8/17	1352 / 1357	"	2.4	0.51	0.67		0.34		.6	5		"
414	8/24	1325 / 1329	"	2.4	0.49	0.63		0.31		.5 .6	6		"
415	8/31	1321 / 1325	"	2.6	0.54	0.50		0.27		.6	5		"
416	9/7	1346 / 1351	"	2.5	0.52	0.48		0.25		.6	5		"
417	9/14	1341 / 1345	"	2.5	0.48	0.46		0.22		.5 .6	5		"
418	9/21	1311 / 1316	"	2.2	0.42	0.48		0.20		.5 .6	5		"
419	9/28	1138 / 1143	"	2.4	0.44	0.48		0.21		.5 .6	5		"
			RUSTIC CANYON CREEK above Junction with Santa Monica Canyon										
472	10/6	1023 / 1029	PETERSEN	5.0	0.48	1.16		0.56		.6	6		FC73
473	10/13	1003 / 1008	"	4.5	0.40	1.20		0.48		.6	5		"
474	10/20	1118 / 1121	PETERSEN - FABER	4.0	0.35	1.57		0.55		.6	5		"
475	10/27	1023 / 1027	PETERSEN	3.5	0.35	1.77		0.62		.6	5		"
476	11/3	1110 / 1116	"	4.0	0.40	0.90		0.36		.6	6		"
477	11/10	1147 / 1153	"	4.0	0.33	2.57		0.85		.6	5		"
478	11/17	1006 / 1010	"	4.0	0.30	2.03		0.61		.6	5		"
479	11/25	0950 / 0956	"	4.0	0.36	1.97		0.71		.6	6		"
480	12/1	1045 / 1050	"	4.0	0.32	2.25		0.72		.6	5		"
481	1/19	1055 / 1100	"	4.5	0.42	3.80		1.6		Floats	5		
482	2/9	1014 / 1018	"	8.0	1.10	4.27		4.7		"	5		
483	2/16	1020 / 1025	"	6.5	0.79	3.80		3.0		"	5		
484	2/23	1120 / 1124	"	5.0	0.68	3.53		2.4		"	5		
485	3/2	1041 / 1044	"	5.5	0.52	3.46		1.8		"	5		
486	3/9	1042 / 1045	PETERSEN - YOAKUM	5.5	0.52	3.65		1.9		"	5		
487	3/16	1032 / 1036	PETERSEN	6.5	0.66	3.79		2.5		"	5		
488	3/23	1014 / 1017	"	5.5	0.60	3.67		2.2		"	5		
489	3/30	1014 / 1017	"	5.0	0.53	3.58		1.9		"	5		
490	4/6	1012 / 1016	LUYENDYK	4.9	0.83	4.58		3.8		Floats	6		
491	4/13	1020 / 1025	PETERSEN	6.0	0.60	3.50		2.1		"	5		
492	4/20	1010 / 1015	"	6.5	0.73	3.70		2.7		"	5		
493	4/27	1045 / 1048	"	6.0	0.70	3.86		2.7		"	5		
494	5/4	1035 / 1038	"	6.0	0.64	4.38		2.8		"	5		
495	5/10	1021 / 1026	DELGADILLO - PETERSEN	6.0	0.56	3.21		1.8		"	5		
496	5/25	1017 / 1022	PETERSEN	6.0	0.56	2.68		1.5		"	5		
497	6/1	1057 / 1101	"	5.0	0.48	2.92		1.4		"	5		
498	6/8	1024 / 1027	"	4.5	0.48	2.71		1.3		"	5		
499	6/15	1022 / 1030	"	7.5	1.02	1.27		1.3		.6	7		FC73
500	6/22	1023 / 1031	"	6.5	1.12	1.43		1.6		.6	7		"
501	7/20	1114 / 1120	LUYENDYK	5.7	0.79	1.15		0.91		.5 .6	7		FC55
502	7/27	1029 / 1033	"	4.7	0.43	2.02		0.87		.5 .6	6		"
503	8/10	1000 / 1007	PETERSEN	3.5	0.81	1.20		0.97		.6	8		FC73
504	8/17	1112 / 1117	"	3.5	0.51	1.96		1.0		.5 .6	6		"
505	8/24	1027 / 1038	"	3.8	0.55	1.49		0.82		.5 .6	9		"
506	8/31	1013 / 1018	"	4.3	0.55	0.93		0.51		.5 .6	6		"
507	9/7	1009 / 1019	"	3.2	0.56	1.16		0.65		.6	7		"
508	9/14	1034 / 1040	"	3.5	0.43	1.68		0.72		.5 .6	7		"
509	9/21	1012 / 1018	"	3.5	0.65	1.19		0.77		.6	6		"
510	9/28	1301 / 1312	"	3.5	0.56	1.77		0.99		.5 .6	8		"

DISCHARGE MEASUREMENTS OF LOS ANGELES RIVER DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			PACOIMA CREEK above Pacoima Dam										
144	12/14	1355 / 1407	HYDE	17.5	6.25	3.86		24.1		.6	11		FC40
145	1/28	1342 / 1356	HYDE - BARR	13.5	7.93	2.54		20.1		.6	13		"
146	2/16	1532 / 1546	HYDE	14.0	9.26	2.31		21.4		.6	11		"
147	3/17	1520 / 1536	"	13.5	7.07	1.73		12.2		.6	13		"
148	3/23	1456 / 1509	HYDE - BARR	12.7	6.19	1.65		10.2		.6	13		"
149	4/12	1230 / 1242	HYDE	9.4	4.47	1.63		7.3		.6	11		"
150	4/19	0835 / 0848	"	12.0	5.05	1.35		6.8		.6	12		"
151	4/21	1450 / 1505	"	8.9	3.90	1.44		5.6		.6	11		"
152	5/12	1508 / 1520	"	8.5	3.75	1.36		5.1		.6	10		"
			BIG TUJUNGA CREEK below Big Tujunga Dam (Outflow)										
293	10/7	1055 / 1112	HYDE	7.3	3.60	1.89		6.8		.6	12		FC40
294	10/14	1030 / 1043	HYDE - BLODGETT	7.4	3.42	1.90		6.5		.6	11		"
295	10/22	1000 / 1015	HYDE	7.3	3.29	1.79		5.9		.6	11		"
296	10/28	0942 / 0956	"	7.9	3.23	1.80		5.8		.6	10		"
			BIG TUJUNGA CREEK - L.A.W.D. Diversion to Spreading Grounds										
141	10/14	1525 / 1535	HYDE - BERMAN	4.0	3.24	1.51		4.9		.6	7		FC40
142	10/22	1543 / 1551	HYDE	3.9	2.82	1.31		3.7		.6	7		"
143	9/8	1532 / 1600	"	6.0	8.27	0.68		5.6		.6	8		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	E. HT. CHANGE TOTAL	METER NO.
			BIG TUJUNGA CREEK above Oro Vista Street										
86	10/22	1610 / 1616	HYDE	2.5	0.33	1.06		0.35		.6	5		FC40
87	12/22	1500 / 1515	"	21.0	16.1	2.41		38.8		.6	13		"
88	3/24	1349 / 1405	"	13.3	10.6	0.87		9.2		.6	13		"
89	4/7	1421 / 1440	"	11.7	8.50	0.75		6.4		.6	13		"
90	4/28	1530 / 1555	"	11.0	8.78	0.46		4.0		.6	9		"
91	8/11	1545 / 1600	"	10.0	7.26	1.20		8.7		.6	11		"
92	9/15	1435 / 1445	"	8.8	5.32	1.35		7.2		.6	10		"
			BIG TUJUNGA CREEK above Hansen Dam										
40	12/22	1545 / 1600	HYDE	CHANNELS				22.9		.6	16		FC40
41	2/17	1543 / 1605	"	25.0	31.8	2.34		74.3		.6	16		"
42	3/24	1455 / 1510	"	14.7	9.50	1.35		12.8		.6	13		"
43	4/7	1546 / 1602	"	12.0	7.54	1.13		8.5		.6	13		"
44	9/15	1530 / 1550	"	12.6	8.60	0.59		5.1		.6	12		"
			ARROYO SECO below Millard Creek (Inflow to Devil's Gate Dam)										
142	11/28	1437 / 1448	WOOD	25.0	28.1	3.92		110.		.6	11		FC37
143	11/29	1530 / 1552	"	35.0	22.5	3.35		75.3		.6	19		"
			ARROYO SECO below Devil's Gate Dam										
461	10/14	1044 / 1047	WOOD	1.0	0.06	0.67		0.04		.5	5		FC53
462	11/27	1815 / 1822	"	8.2	4.53	1.26		5.7		.6	10		FC37
463	11/28	1150 / 1202	WOOD - GARRISON	20.2	14.0	3.90		54.6	.5 / .6		13		"
464	12/2	1535 / 1548	WOOD	11.0	11.1	1.66		18.4		.6	12		"
465	2/17	1339 / 1340	"	0.4	0.02	0.50		0.01		.5	3		FC53
			ARROYO SECO-PASADENA WATER DEPARTMENT TUNNEL below Devil's Gate Dam										
421	10/14	1030	WOOD	90° V-NOTCH WEIR				0.01					
422	11/10	1305	"	"	"	"		0.01					
423	1/13	1455	"	"	"	"		0.07					
424	1/20	1115	"	"	"	"		0.06					
425	1/27	1300	"	"	"	"		0.06					
426	2/3	1010	"	"	"	"		0.06					
427	2/10	1130	"	"	"	"		0.06					
428	2/24	1315	"	"	"	"		0.06					
429	3/10	1415	"	"	"	"		0.06					
430	3/24	1305	"	"	"	"		0.06					
431	4/7	1155	"	"	"	"		0.05					
432	4/28	1500	CARPENTER	"	"	"		0.05					
433	5/5	1545	"	"	"	"		0.03					
434	5/12	1355	WOOD	"	"	"		0.04					
435	5/19	1320	"	"	"	"		0.04					
436	5/26	1010	"	"	"	"		0.04					
437	6/9	1540	CARPENTER	"	"	"		0.05					
438	6/16	0935	"	"	"	"		0.04					
439	6/30	1050	WOOD	"	"	"		0.04					
440	7/14	1305	"	"	"	"		0.04					

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	E. HT. CHANGE TOTAL	METER NO.
			LOS ANGELES RIVER above Sixth Street										
53	10/14	1435 / 1445	SJOSTEDT	17.5	4.39	1.20		5.3		.6	7		FC65
54	10/28	1100 / 1110	"	17.5	4.78	0.96		4.6		.6	7		"
55	1/27	1230 / 1240	"	18.3	6.29	1.78		11.2		.6	7		"
56	2/17	1405 / 1415	"	19.5	10.4	4.42		46.0		.6	7		FC65
57	3/10	1445 / 1500	"	18.0	5.07	1.72		8.7		.6	7		"
58	3/17	1530 / 1600	"	18.0	5.86	1.40		8.2		.6	7		"
59	3/31	1000 / 1010	"	18.2	7.28	1.63		11.9		.6	7		"
60	4/14	1340 / 1350	"	18.5	6.81	1.17		8.0		.6	7		"
61	4/28	1040 / 1050	"	18.0	6.18	1.28		7.9		.6	7		"
62	5/5	1435 / 1445	"	18.0	6.22	1.30		8.1		.6	7		"
63	5/12	1400 / 1410	"	18.5	6.74	1.07		7.2		.6	7		"
64	5/19	1535 / 1545	"	18.5	7.69	2.00		15.4		.6	7		"
65	5/26	1500 / 1510	"	17.8	5.46	1.34		7.3		.6	8		"
66	6/24	0825 / 0835	MEAD	17.9	5.43	1.60		8.7		.6	8		FC55
67	6/30	1348 / 1400	"	18.0	5.83	1.46		8.5		.6	8		"
68	7/7	1506 / 1514	"	17.8	5.20	1.52		7.9		.6	8		FC65
69	7/14	1155 / 1205	SJOSTEDT	17.8	4.22	1.42		6.0		.6	7		"
70	7/21	0915 / 0930	"	18.0	4.25	1.25		5.3		.6	7		"
71	7/28	0930 / 0940	"	18.0	4.40	1.27		5.6		.6	7		"
72	8/4	1000 / 1010	"	18.0	4.91	1.38		6.8		.6	7		"
73	8/11	0955 / 1005	"	18.0	4.20	1.31		5.5		.6	7		"
74	8/18	1100 / 1110	"	18.0	4.39	1.37		6.0		.6	7		"
75	8/25	1530 / 1540	"	18.3	4.50	1.53		6.9		.6	7		"
76	9/15	0930 / 0940	"	17.5	3.79	1.27		4.8		.6	7		"
77	9/22	1040 / 1050	"	17.3	3.55	1.55		5.5		.6	7		"
			LOS ANGELES RIVER INFLOW above Pacific Coast Highway										
62	10/7	1000 / 1007	SJOSTEDT	5.0	3.70	1.11		4.1		.6	6		FC65
63	10/14	0910 / 0920	"	5.0	3.80	1.34		5.1		.6	6		"
64	10/28	1540 / 1550	"	5.0	3.75	1.49		5.6		.6	6		"
65	11/10	0830 / 0840	"	5.0	3.80	1.21		4.6		.6	6		"
66	12/2	1020 / 1030	"	4.0	2.90	1.03		3.0		.6	7		"
67	12/23	0825 / 0835	"	5.0	3.70	1.30		4.8		.6	6		"
68	1/13	0910 / 0920	"	5.0	3.70	1.40		5.2		.6	6		"
69	1/20	0900 / 0905	"	5.0	4.10	1.34		5.5		.6	6		"
70	2/3	1020 / 1030	"	5.0	4.05	1.80		7.3		.6	6		FC29
71	2/17	0835 / 0840	"	5.0	3.60	1.05		3.8		.6	6		FC65
72	2/24	0815 / 0820	"	4.0	3.20	1.62		5.2		.6	5		"
73	3/3	0935 / 0940	"	5.0	3.80	1.74		6.6		.6	6		"
74	3/10	1055 / 1100	"	5.0	3.90	1.59		6.2		.6	6		"
75	3/17	0955 / 1005	"	5.0	3.90	1.28		5.0		.6	6		"
76	3/24	1320 / 1330	"	5.0	4.00	1.28		5.1		.6	6		"
77	3/31	1350 / 1400	"	5.0	7.30	0.78		5.7		.6	6		"
78	4/7	1435 / 1440	"	5.0	4.20	1.26		5.3		.6	6		"
79	4/14	0900 / 0910	"	5.0	3.95	1.32		5.2		.6	6		"
80	5/12	0905 / 0910	"	5.0	3.80	1.32		5.0		.6	6		"
81	5/19	0925 / 0930	"	5.0	4.00	1.40		5.6		.6	6		"
82	5/26	1000 / 1010	"	5.0	3.90	1.41		5.5		.6	6		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			LOS ANGELES RIVER INFLOW above Pacific Coast Highway (Cont.)										
83	6/2	1315 / 1320	SJOSTEDT	5.0	4.10	1.39		5.7		.6	6		FC65
84	6/9	0843 / 0847	"	4.7	3.76	0.75		2.8		.6	6		"
85	6/16	1345 / 1350	"	5.0	3.80	0.87		3.3		.6	6		"
86	6/23	1438 / 1445	MEAD	6.8	5.60	1.11		6.2		.6	5		FC55
87	6/30	1055 / 1102	"	6.0	4.90	1.04		5.1		.6	7		"
88	7/7	1037 / 1044	"	5.8	4.46	1.16		5.2		.6	6		FC65
89	7/21	1345 / 1350	SJOSTEDT	5.0	2.70	2.07		5.6		.6	6		"
90	7/28	1415 / 1420	"	5.0	2.45	1.67		4.1		.6	6		"
91	8/4	1405 / 1410	"	5.0	2.50	2.24		5.6		.6	6		"
92	8/11	1330 / 1340	"	5.0	2.85	2.04		5.8		.6	6		"
93	8/18	1415 / 1420	"	5.0	2.60	2.46		6.4		.6	6		"
94	9/1	1350 / 1355	"	5.0	2.70	1.96		5.3		.6	6		"
	9/8	0930	"					0.5		Est.			
95	9/15	1415 / 1425	"	5.0	2.30	1.96		4.5		.6	6		FC65
96	9/22	1420 / 1430	"	5.0	2.40	1.96		4.7		.6	6		"
97	9/29	1425 / 1435	"	5.0	2.65	2.08		5.5		.6	6		"
			LAGUNA CREEK above Blanchard Street										
164	10/14	1440 / 1450	SJOSTEDT	5.5	1.39	0.57		0.79		.6	7		FC50
165	11/10	1320 / 1325	"	6.0	1.39	0.62		0.86		.6	7		"
166	12/23	1225 / 1230	"	6.0	2.17	0.42		0.90		.6	7		"
167	1/20	1405 / 1410	"	5.0	2.10	0.52		1.1		.6	6		FC65
168	2/10	1500 / 1510	"	4.0	1.15	0.79		0.91		.5	5		"
169	2/24	1245 / 1250	"	4.0	0.92	0.88		0.81		.6	5		"
170	3/17	1505 / 1510	"	4.0	1.00	0.92		0.92		.6	6		"
171	4/7	1015 / 1025	"	3.5	0.62	1.02		0.63		.6	8		"
172	4/28	1220 / 1225	"	3.0	0.68	1.28		0.87		.6	7		"
173	5/19	1425 / 1430	"	3.0	0.65	1.31		0.85		.6	7		"
174	6/9	1300 / 1310	"	3.0	0.55	1.47		0.81		.6	7		FC50
175	6/30	0832 / 0839	MEAD	2.5	0.46	1.50		0.69		.6	6		FC73
176	7/14	1030 / 1040	SJOSTEDT	3.0	0.60	1.33		0.80		.6	7		FC50
177	7/28	1000 / 1005	"	3.0	0.60	1.52		0.91		.6	7		"
178	8/11	1040 / 1045	"	3.0	0.63	1.36		0.86		.6	7		"
179	9/22	0910 / 0920	"	2.5	0.45	1.38		0.62		.6	6		"
			LAGUNA CREEK above D.D.I. No. 26										
164	10/14	1500 / 1505	SJOSTEDT	2.0	0.32	1.81		0.58		.6	5		FC50
165	11/10	1335 / 1340	"	2.0	0.33	1.12		0.37		.6	5		"
166	12/23	1240 / 1250	"	3.0	0.93	0.88		0.82		.6	7		"
167	1/20	1425 / 1430	"	4.0	0.85	0.98		0.83		.6	5		FC65
168	2/10	1520 / 1530	"	4.0	0.64	1.00		0.64		.6	5		"
169	2/24	1300 / 1305	"	3.0	0.50	1.24		0.62		.6	5		"
170	3/17	1520 / 1530	"	3.5	0.51	0.98		0.50		.6	6		"
171	4/7	1040 / 1045	"	3.0	0.54	1.09		0.59		.6	7		"
172	4/28	1250 / 1255	"	3.0	0.52	1.17		0.61		.6	7		"
173	5/19	1435 / 1445	"	6.0	0.95	0.86		0.82		.6	7		"
174	6/9	1325 / 1330	"	2.8	0.65	1.18		0.77		.6	7		FC50

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			LAGUNA CREEK above D.D.I. No. 26 (Cont.)										
175	6/30	0847 / 0852	MEAD	2.7	0.57	1.17		0.67		.6	6		FC73
176	7/14	1055 / 1105	SJOSTEDT	5.0	0.72	1.07		0.77		.6	7		FC50
177	7/28	1025 / 1035	"	3.0	0.70	1.31		0.92		.6	7		"
178	8/11	1125 / 1135	"	3.0	0.44	1.54		0.68		.6	7		"
179	9/22	0935 / 0945	"	2.5	0.40	1.85		0.74		.6	6		"

DISCHARGE MEASUREMENTS OF LOS ANGELES RIVER DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 1967

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			PACOIMA CREEK below Dam Tender's House										
28	4/25	1215 / 1305	HYDE	44.0	43.8	3.54		155.		.6	22		FC58
			PACOIMA CREEK above Pacoima Dam										
153	12/1	1540 / 1544	HYDE	1.2	0.27	0.93		0.25		.6	4		FC40
154	12/22	1518 / 1538	"	13.4	5.25	3.77		19.8		.6	15		FC58
155	1/11	1524 / 1537	"	10.0	3.96	2.17		8.6		.6	11		"
156	2/21	1542 / 1556	"	14.0	8.58	1.90		16.3		.6	15		"
			BIG TUJUNGA CREEK - L.A.W.D. Diversion to Spreading Grounds										
144	10/6	1600	HYDE	6' RECTANGULAR WEIR				4.7					
145	10/13	1505	"	"	"	"		4.7					
146	10/20	1540	"	"	"	"		5.1					
147	11/3	1600	"	"	"	"		4.3					
148	11/23	1505	"	"	"	"		8.4					
149	2/9	1605	"	"	"	"		4.1					
150	2/16	1450	"	"	"	"		4.1					
151	2/23	1510	"	"	"	"		4.3					
152	3/9	1350	"	"	"	"		3.6					
153	4/6	1600	"	"	"	"		3.0					
154	4/13	1515	"	"	"	"		1.5					
155	6/22	1535	"	"	"	"		7.1					
156	7/27	1610	"	"	"	"		4.3					
157	8/3	1500	"	"	"	"		4.3					
158	9/1	1500	"	"	"	"		4.0					
159	9/14	1530	"	"	"	"		4.7					
160	9/28	1535	"	"	"	"		8.3					
			BIG TUJUNGA CREEK above Oro Vista Street										
93	10/27	1536 / 1548	HYDE	9.1	5.06	1.36		6.9		.6	11		FC40
94	2/23	1542 / 1600	"	32.5	23.8	1.37		32.5		.6	16		FC58
95	3/9	1425 / 1438	"	17.5	10.1	1.66		16.8		.6	11		"
96	6/22	1605 / 1620	"	24.5	23.3	1.06		24.7		.6	12		FC40

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			ARROYO SECO below Millard Creek (Inflow to Devil's Gate Dam)										
144	1/27	1215 / 1225	WOOD	45.0	23.0	3.59		82.6		.5 / .6	17		FC37
145	3/14	1155 / 1225	CARPENTER - MEDINA CHANNELS					139.		.6	28		FC47
146	4/28	1200 / 1210	WOOD	9.1	4.28	2.36		10.1		.5 / .6	10		FC37
147	5/5	1145 / 1155	"	16.0	9.62	2.08		20.0		.6	11		"
148	5/12	1023 / 1032	"	15.0	8.27	1.50		12.4		.6	11		"
			ARROYO SECO below Devil's Gate Dam										
466	11/10	1504 / 1511	CARPENTER	3.5	0.81	0.49		0.40		.5	8		FC47
467	11/17	1421 / 1426	WOOD	2.5	0.30	1.44		0.43		.5	6		FC53
468	11/23	1243 / 1248	"	3.0	0.25	0.72		0.18		.5	7		"
469	1/27	1005 / 1025	WOOD - SNEATHEN	20.1	12.6	4.20		52.9		.6	21		FC37
470	3/16	0907 / 0923	CARPENTER - WOOD	20.8	13.2	3.77		49.8		.6	13		"
471	3/17	1357 / 1418	WOOD - SNEATHEN	19.8	10.3	2.92		30.1		.5 / .6	21		"
			ARROYO SECO-PASADENA WATER DEPARTMENT TUNNEL below Devil's Gate Dam										
	11/17	1415	WOOD					0.03		Est.			
			ARROYO SECO near Colorado Street Bridge										
13	3/15	1210 / 1211	CARPENTER - GARRISON	6.0	8.10	15.8		128.		.6	8		FC47
			LOS ANGELES RIVER above Sixth Street										
78	10/6	1020 / 1030	SJOSTEDT	18.5	4.55	1.52		6.9		.6	7		FC65
79	10/13	1045 / 1055	"	17.5	3.70	1.32		4.9		.6	7		FC12
80	10/20	1015 / 1030	"	17.3	3.32	1.14		3.8		.6	7		FC65
81	10/27	1025 / 1035	"	17.8	3.68	1.09		4.0		.6	7		"
82	11/3	1005 / 1015	"	16.5	2.72	1.21		3.3		.6	7		"
83	11/17	0925 / 0935	"	18.5	5.65	2.07		11.7		.6	7		"
84	11/23	1500 / 1515	"	18.8	6.02	3.52		21.2		.6	7		"
85	12/1	1105 / 1115	"	19.0	6.75	2.03		13.7		.6	7		"
86	12/8	1130 / 1140	DELGADILLO - SJOSTEDT	17.0	17.1	5.41		92.5		.6	8		FC44
87	12/15	1445 / 1452	SJOSTEDT	18.8	6.84	3.89		26.6		.6	7		FC65
88	1/5	1435 / 1445	"	19.0	5.92	3.34		19.8		.6	7		"
89	1/12	0940 / 0950	"	19.5	6.81	3.77		25.7		.6	7		"
90	1/19	1140 / 1150	"	19.0	6.34	3.68		23.3		.6	7		"
91	2/9	1400 / 1410	"	19.0	6.42	4.03		25.9		.6	7		"
92	2/16	1450 / 1500	"	19.1	6.18	3.56		22.0		.6	7		"
93	2/23	1110 / 1120	"	18.5	6.04	3.15		19.0		.6	7		"
94	3/2	1030 / 1040	"	18.3	5.03	3.12		15.7		.6	7		"
95	3/9	1430 / 1440	"	18.2	4.56	2.83		12.9		.6	7		"
96	3/23	1440 / 1450	"	18.7	5.92	3.29		19.5		.6	7		"
97	4/13	1450 / 1500	"	19.0	6.19	4.23		26.2		.6	7		"
98	4/27	1130 / 1140	"	23.5	9.71	5.36		52.0		.6	8		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			LOS ANGELES RIVER above Sixth Street (Cont.)										
99	5/11	1130 / 1140	SJOSTEDT	22.3	11.6	3.06		35.5		.6	9		FC65
100	5/19	1000 / 1010	"	20.0	8.20	2.68		22.0		.6	7		"
101	5/25	1045 / 1055	"	19.0	8.53	2.38		20.3		.6	7		"
102	6/1	1142 / 1150	"	19.5	7.02	3.39		23.8		.6	7		"
103	6/8	1110 / 1120	"	19.3	9.22	2.96		27.3		.6	7		"
104	6/15	1530 / 1540	"	18.5	7.65	2.69		20.6		.6	7		"
105	6/22	1125 / 1135	"	19.0	6.63	3.02		20.0		.6	7		"
106	7/6	1250 / 1305	"	18.8	6.60	2.32		15.3		.6	7		"
107	7/13	1045 / 1055	"	19.0	7.01	2.55		17.9		.6	8		"
108	7/27	1040 / 1050	"	19.3	7.73	2.15		16.6		.6	7		"
109	8/3	0915 / 0925	"	18.5	7.06	2.21		15.6		.6	7		"
110	8/10	1050 / 1057	SJOSTEDT - CARPENTER	18.5	6.78	2.42		16.4		.6	7		"
111	8/17	1358 / 1413	CARPENTER	18.8	6.31	2.01		12.7		.6	7		FC47
112	8/31	1100 / 1110	SJOSTEDT	18.5	6.55	1.98		13.0		.6	7		FC65
113	9/7	1035 / 1045	"	18.0	5.76	2.05		11.8		.6	7		"
114	9/14	0920 / 0930	"	18.5	6.95	1.64		11.4		.6	7		"
115	9/21	1530 / 1540	"	18.3	6.52	1.75		11.4		.6	7		"
			LOS ANGELES RIVER INFLOW above Pacific Coast Highway										
98	10/6	1430 / 1435	SJOSTEDT	5.0	2.80	1.92		5.4		.6	6		FC65
99	10/13	1615 / 1620	"	5.0	2.55	1.88		4.8		.6	6		FC12
100	10/20	1355 / 1400	"	5.0	2.60	1.73		4.5		.6	6		FC65
101	10/27	1510 / 1515	"	5.0	2.55	1.53		3.9		.6	6		"
102	11/23	1125 / 1135	"	5.0	3.55	1.07		3.8		.6	6		"
103	12/15	0900 / 0910	"	5.0	3.15	1.21		3.8		.6	6		FC44
104	12/22	0955 / 1000	"	5.0	2.90	1.31		3.8		.6	6		FC65
105	12/29	1040 / 1050	"	5.0	3.20	1.59		5.1		.6	6		"
106	1/5	1130 / 1135	"	5.0	2.20	2.50		5.5		.6	6		"
107	1/26	0940 / 0945	"	5.0	2.10	2.29		4.8		.6	6		FC44
108	2/9	0910 / 0920	"	5.0	2.20	2.32		5.1		.6	6		FC65
109	2/16	1120 / 1125	"	5.0	2.00	2.50		5.0		.6	6		"
110	2/23	0905 / 0910	"	5.0	2.40	1.96		4.7		.6	6		"
111	3/2	1430 / 1435	"	5.0	2.46	1.88		4.5		.6	6		"
112	3/9	1040 / 1045	"	5.0	3.10	1.48		4.6		.6	6		"
113	3/15	1525 / 1531	MC BRIDE - DELGADILLO	3.6	2.61	2.45		6.4		.6	5		FC33
114	3/23	0945 / 0950	SJOSTEDT	5.0	2.50	1.84		4.6		.6	6		FC65
115	3/30	1435 / 1440	"	5.0	2.85	1.79		5.1		.6	6		"
116	4/6	0940 / 0950	"	5.0	2.70	2.04		5.5		.6	6		"
117	4/20	1030 / 1035	"	5.0	2.70	2.04		5.5		.6	6		"
118	4/27	1515 / 1525	"	5.0	2.35	2.26		5.3		.6	6		"
119	5/4	1020 / 1025	"	5.0	2.45	1.76		4.3		.6	6		"
120	5/18	1610 / 1615	"	5.0	2.30	2.13		4.9		.6	6		"
121	5/25	1520 / 1530	"	5.0	2.55	1.84		4.7		.6	6		"
122	6/1	1455 / 1505	"	5.0	2.85	1.75		5.0		.6	6		"
123	6/8	1510 / 1515	"	5.0	2.40	1.92		4.6		.6	6		"
124	6/15	1045 / 1055	"	5.0	2.40	2.08		5.0		.6	6		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			LOS ANGELES RIVER INFLOW above Pacific Coast Highway (Cont.)										
125	6/22	1610 / 1620	SJOSTEDT	5.0	2.50	2.00		5.0		.6	6		FC65
126	6/29	1230 / 1235	"	5.0	2.30	2.09		4.8		.6	6		"
127	7/6	1625 / 1630	"	5.0	2.50	1.72		4.3		.6	6		"
128	7/13	1615 / 1620	"	5.0	2.50	1.72		4.3		.6	6		"
129	7/20	1320 / 1330	"	5.0	2.65	2.11		5.6		.5	6		"
130	7/27	1440 / 1445	"	5.0	2.40	1.83		4.4		.6	6		"
131	8/3	1605 / 1610	"	5.0	2.25	1.78		4.0		.6	6		"
132	8/10	1501 / 1506	SJOSTEDT - CARPENTER	5.0	2.30	1.83		4.2		.6	6		"
133	8/17	1010 / 1015	CARPENTER	5.1	2.89	1.07		3.1		.6	6		FC47
134	8/31	1425 / 1430	SJOSTEDT	5.0	2.35	1.28		3.0		.6	6		FC65
135	9/7	1530 / 1535	"	5.0	2.45	1.67		4.1		.6	6		"
136	9/14	1400 / 1410	"	5.0	2.30	1.26		2.9		.6	6		"
137	9/21	1230 / 1235	"	5.0	2.40	1.25		3.0		.6	6		"
			LAGUNA CREEK above Blanchard Street										
180	10/20	1110 / 1115	SJOSTEDT	2.5	0.45	1.96		0.88		.6	6		FC50
181	1/12	1040 / 1045	"	3.5	0.67	1.06		0.71		.6	8		"
182	3/15	1615 / 1635	MC BRIDE	CHANNELS				1.1		.6	16		FC59
			LAGUNA CREEK above D.D.I. No. 26										
180	10/20	1130 / 1135	SJOSTEDT	2.5	0.55	1.73		0.95		.6	6		FC50
181	1/12	1055 / 1100	"	8.0	0.77	0.78		0.60		.6	8		"
182	2/9	1310 / 1315	"	4.0	0.69	1.59		1.1		.6	6		"
183	3/15	1644 / 1650	MC BRIDE	2.5	0.58	1.64		0.95		.6	6		FC59
184	4/13	1420 / 1430	SJOSTEDT	3.5	0.69	1.16		0.80		.6	8		FC65
185	5/11	1235 / 1240	"	4.0	0.75	0.68		0.51		.6	5		"
186	6/15	1450 / 1500	"	3.0	0.90	1.22		1.1		.6	7		"
187	7/27	1140 / 1150	"	3.0	0.79	1.06		0.84		.6	5		"
188	8/10	1147 / 1153	SJOSTEDT - CARPENTER	5.5	1.47	0.60		0.88		.6	7		"
189	8/17	1500 / 1508	CARPENTER	5.8	1.90	0.53		1.0		.6	7		FC47
190	9/14	1100 / 1105	SJOSTEDT	3.0	0.67	0.97		0.65		.6	6		FC65
191	9/28	1540 / 1548	CARPENTER	7.4	5.49	0.71		3.9		.6	7		FC47

DISCHARGE MEASUREMENTS OF RIO HONDO DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			EATON CREEK above Eaton Dam (Inflow)										
93	11/18	1556 / 1605	WOOD - HOLLERAN	16.5	9.29	4.61		42.8		.5 / .6	13		FC37
94	11/19	1357 / 1404	"	13.0	3.07	3.39		10.4		.5	10		"
95	11/26	1443 / 1452	"	17.0	15.1	4.00		60.3		.5 / .6	11		"
96	12/1	1151 / 1200	WOOD	6.0	5.56	1.84		10.2		.5	9		"
97	12/3	1006 / 1015	"	6.5	4.36	1.47		6.4		.6	9		"
98	12/10	1303 / 1310	CARPENTER - WOOD	6.5	4.80	2.17		10.4		.6	8		"
99	12/31	1412 / 1430	WOOD - RECTOR	CHANNELS				61.1		.6	23		"
100	1/3	1343 / 1355	WOOD	11.2	9.95	2.71		26.9		.6	12		"
101	1/6	1350 / 1400	WOOD	10.0	7.42	2.40		17.8		.6	11		FC37
102	1/13	1407 / 1416	"	7.0	3.27	1.78		5.8		.5 / .6	9		"
103	2/7	1209 / 1218	"	12.0	5.54	1.70		9.4		.5 / .6	13		"
	2/10	0935	"					1.5		Est.			
			SANTA ANITA CREEK above Santa Anita Dam (Inflow)										
225	3/24	1042 / 1052	WOOD	9.4	5.30	1.68		8.9		.5 / .6	11		FC37
226	3/29	1233 / 1242	WOOD - CARPENTER	9.0	5.07	1.68		8.5		.5 / .6	11		"
227	3/29	1241 / 1255	CARPENTER - WOOD	9.0	5.22	1.59		8.3		.5 / .6	11		"
			SANTA ANITA CREEK above Sierra Madre Spreading Grounds Diversion										
423	10/21	1102 / 1109	CARPENTER	1.0	0.09	0.33		0.03		.5	6		FC53
424	1/6	1130 / 1145	WOOD	19.0	40.2	1.65		66.3		.6	11		FC37
425	1/14	0858 / 0919	"	CHANNELS				33.4		.2 / .8	12		"
426	2/17	0848 / 0858	"	14.5	13.8	1.25		17.2		.5 / .6	12		"
427	3/17	1355 / 1418	"	12.0	18.7	0.60		11.2		.2 / .8	13		"
428	3/29	1017 / 1030	WOOD - CARPENTER	6.5	5.65	1.58		8.9		.5 / .6	14		"
429	3/29	1038 / 1055	CARPENTER - WOOD	6.5	5.52	1.54		8.5		.5 / .6	14		"
430	4/21	1220 / 1232	WOOD	11.5	12.6	2.06		25.9		.6	13		"
431	4/25	1540 / 1555	"	7.0	5.42	1.03		5.6		.6	14		"
432	4/28	1202 / 1215	CARPENTER	5.7	4.93	1.52		7.5		.5 / .6	12		"
433	5/5	1110 / 1122	"	5.0	4.39	1.23		5.4		.5 / .6	11		"
434	6/16	1317 / 1322	"	1.4	0.12	0.92		0.11		.5	6		FC53
435	7/21	0900 / 0910	WOOD	11.8	13.0	2.20		28.6		.6	13		FC37
436	7/27	0730 / 0742	"	11.8	11.7	1.90		22.2		.6	13		"
	7/28	1130						0.10		Est.			
437	8/15	1605 / 1615	WOOD	8.0	3.21	1.34		4.3		.6	10		FC37
438	8/18	1130 / 1139	"	8.7	3.68	1.20		4.4		.5 / .6	10		"
439	8/25	0845 / 0848	"	1.2	0.20	0.90		0.18		.5	5		FC53
440	9/1	0900 / 0903	"	1.1	0.13	1.00		0.13		.5	5		"
441	9/8	0850 / 0853	"	1.1	0.12	1.17		0.14		.5	5		"
442	9/15	1205 / 1208	"	1.1	0.07	1.00		0.07		.5	5		"
443	9/22	1245 / 1248	"	1.1	0.10	1.00		0.10		.5	5		"
444	9/26	1145 / 1148	"	0.8	0.06	1.33		0.08		.5	5		"
			SANTA ANITA CREEK below Sierra Madre Diversion										
314	11/18	1310 / 1327	WOOD - HOLLERAN	20.5	26.0	4.31		112.		.6	12		FC37
			RISING WATER at East Side of Santa Anita Wash at Spreading Grounds										
11	11/27	1210 / 1216	WOOD	3.0	0.88	1.71		1.5		.5	7		FC37
12	11/30	1520 / 1529	"	3.5	0.97	2.06		2.0		.5	8		"
13	12/3	1524 / 1531	"	3.8	1.16	1.55		1.8		.5	9		"
14	12/10	1515 / 1525	CARPENTER - WOOD	3.9	1.25	1.60		2.0		.5	9		"
15	12/10	1532 / 1539	"	3.5	0.87	2.19		1.9		.5	7		"
16	12/14	1550 / 1557	WOOD	3.7	1.01	1.78		1.8		.5	8		"
17	12/22	1522 / 1529	CARPENTER - WOOD	3.8	1.09	1.56		1.7		.5	8		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			RISING WATER at East Side of Santa Anita Wash at Spreading Grounds (Cont.)										
18	1/31	1540 / 1545	WOOD	3.0	0.41	1.10		0.45		.5	7		FC37
19	2/11	1600 / 1607	"	4.1	0.98	1.53		1.5		.5	9		"
20	2/18	1535 / 1544	"	3.5	0.95	1.47		1.4		.5	8		"
21	2/21	0810 / 0817	"	3.8	0.72	0.93		0.67		.5	9		"
22	3/24	0842 / 0848	"	2.9	0.77	1.43		1.1		.5	7		"
23	3/22	1534 / 1539	"	2.8	0.45	1.29		0.58		.5	7		"
24	3/29	1540 / 1546	CARPENTER - WOOD	2.5	0.64	0.94		0.60		.5 .6	6		"
25	3/29	1552 / 1556	WOOD - CARPENTER	2.6	0.43	1.42		0.61		.5	6		"
26	3/30	1521 / 1526	WOOD	3.1	0.44	1.73		0.76		.5	7		"
27	3/31	1502 / 1507	"	3.0	0.63	1.56		0.98		.5	7		"
28	4/1	1546 / 1551	"	3.0	0.61	1.64		1.0		.5	7		"
			SAWPIT CREEK below Sawpit Dam - Uncontrolled Outlet										
39	10/21	0914 / 0924	CARPENTER	1.7	0.25	1.04		0.26		.5	7		FC53
40	10/28	0917 / 0923	WOOD	1.8	0.23	0.96		0.22		.5	8		"
41	11/10	1541 / 1546	"	1.7	0.23	0.87		0.20		.5	7		"
42	6/30	1535 / 1540	"	3.0	1.41	1.14		1.60		.6	7		"
43	7/14	0927 / 0933	"	3.5	1.05	1.34		1.4		.5	8		"
44	7/21	1132 / 1139	"	4.0	1.32	1.20		1.6		.5	9		"
45	8/4	0944 / 0950	"	3.5	1.05	1.33		1.4		.5	8		"
46	8/11	1540 / 1545	"	4.0	0.98	1.12		1.1		.5	7		"
47	8/18	0927 / 0934	"	4.0	1.11	1.26		1.4		.5	9		"
48	8/25	1550 / 1557	"	4.0	1.03	1.16		1.2		.5	9		"
49	9/8	1520 / 1526	"	3.6	0.84	1.00		0.84		.5	8		"
50	9/15	0933 / 0938	"	3.5	0.78	1.01		0.79		.5	6		"
51	9/22	0946 / 0951	"	3.5	0.88	1.10		0.97		.5	6		"
52	9/29	0948 / 0953	"	3.5	1.04	1.44		1.5		.5	6		"
			MONROVIA-SAWPIT PIPELINE RETURN (Leak No. 1A)										
7	11/20	1015 / 1020	WOOD	2.5	0.55	1.47		0.81		.5	6		FC37
8	11/20	1041 / 1045	"	1.4	0.17	1.53		0.26		.5	6		"
9	11/21	1115 / 1120	"	2.5	0.52	1.29		0.67		.5	6		"
10	11/21	1130 / 1135	"	1.6	0.22	0.91		0.20		.5	6		"
11	11/26	1013 / 1017	WOOD - HOLLERAN	1.5	0.19	1.05		0.21		.5	5		"
12	11/26	1025 / 1032	"	3.0	0.71	1.07		0.76		.5	9		"
13	11/27	1041 / 1043	WOOD	1.4	0.17	1.18		0.20		.5	5		"
14	11/27	1100 / 1105	"	3.0	0.61	1.06		0.65		.5	7		"
			RIO HONDO 300 Feet above Pomona Freeway										
1	10/28	1035 / 1042	ROY	8.0	1.97	0.96		1.9		.5	9		FC66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			RIO HONDO 400 Feet below Pomona Freeway										
1	10/28	1050 / 1055	ROY	5.5	1.59	1.00		1.6		.5	7		FC66
			RIO HONDO at Mission Bridge										
54	1/24	1143 / 1151	ROY	17.0	19.8	1.10		21.9		.6	8		FC66
55	7/14	0930 / 0937	"	11.0	6.66	0.82		5.5		.6	7		"
56	7/21	0915 / 0923	"	12.0	7.00	0.81		5.7		.6	7		"
57	7/28	0923 / 0930	"	10.0	6.14	0.83		5.1		.6	6		"
			RIO HONDO 500 Feet below Mission Bridge										
2	1/24	1205 / 1215	ROY	21.0	15.0	1.54		23.2		.5 .6	9		FC66
3	1/26	1116 / 1125	"	12.5	6.58	1.44		9.5		.5 .6	8		"
4	1/27	1050 / 1058	"	12.0	5.85	1.28		7.5		.5 .6	8		"
5	1/28	1545 / 1553	"	12.5	5.85	1.32		7.7		.5 .6	8		"
6	3/22	1412 / 1422	"	CHANNELS				6.5		.5 .6	14		"
			RIO HONDO 600 Feet below Mission Bridge										
1	2/17	1105 / 1118	ROY	CHANNELS				9.2		.5 .6	12		FC66
2	2/23	1013 / 1024	"	"				9.1		.5 .6	11		"
3	3/17	0944 / 1000	"	"				7.5		.5 .6	14		"
4	4/14	1434 / 1447	"	"				9.0		.5 .6	13		"
5	4/29	0935 / 0944	"	19.0	6.04	1.43		8.6		.5	9		"
6	6/21	0953 / 1005	"	29.0	9.79	1.03		10.1		.5 .6	12		"
7	6/30	0935 / 0943	"	11.0	6.84	1.00		6.8		.6	7		"
8	7/7	0952 / 1004	CARPENTER	11.0	7.19	0.95		6.8		.6	12		"
9	8/3	0916 / 0920	ROY	10.0	5.88	0.81		4.8		.6	6		"
10	8/17	0940 / 0950	"	20.0	8.06	1.14		9.2		.5 .6	9		"
11	8/18	0948 / 0955	"	9.5	4.59	1.39		6.4		.5 .6	7		"
12	9/1	1013 / 1019	ROY - CARPENTER	19.0	9.02	0.80		7.2		.6	11		"
13	9/15	0852 / 0913	ROY	CHANNELS				8.1		.5 .6	15		"
			MISSION CREEK above Flood Flow Channel at Rosemead Boulevard										
10	9/1	1509 / 1512	ROY - CARPENTER	13.0	7.49	1.92	197.20	14.4		.6	8		FC66
11	9/2	0825 / 0833	ROY	14.0	8.42	1.97	197.15	16.6		.6	8		"
12	9/6	0827 / 0834	"	11.5	6.72	1.79	196.05	12.0		.5 .6	7		"
13	9/7	0926 / 0931	ROY - CARPENTER	11.0	6.76	1.82	195.9	12.3		.6	8		"
14	9/12	0822 / 0830	ROY	11.0	5.48	2.21	195.65	12.1		.5 .6	8		"
15	9/14	0926 / 0930	ROY - CARPENTER	9.5	4.53	1.41		6.4		.5 .6	7		"
16	9/21	0938 / 0942	"	11.0	7.54	1.95	196.6	14.7		.6	7		"
17	9/28	0940 / 0943	ROY - SINGER	11.0	7.95	2.12	196.7	16.8		.6	7		"

DISCHARGE MEASUREMENTS OF RIO HONDO DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 1967

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			EATON CREEK above Eaton Dam (Inflow)										
	12/4	1210	WOOD					6.0		Est.			
104	12/9	1425 / 1431	"	5.9	5.98	2.31		13.8		.6	7		FC37
	1/23	1300	"					0.5		Est.			
105	1/25	1105 / 1111	WOOD - DRIGGS	8.5	5.84	4.75		27.7		.6	7		FC37
	1/27	1605	WOOD					5.0		Est.			
106	3/14	0830 / 0855	CARPENTER	23.5	14.4	2.62		37.8		.6	23		FC47
107	3/16	1100 / 1115	CARPENTER - WOOD	13.0	8.03	1.05		8.4		.6	14		FC37
108	4/11	1610 / 1619	WOOD	7.1	5.42	2.47		13.4		.6	9		"
	4/14	0845	"					2.0		Est.			
109	4/25	1547 / 1607	"	15.0	10.5	1.64		17.3		.5 .6	16		FC37
110	4/28	1010 / 1017	"	7.0	7.80	1.27		14.6		.6	8		"
111	5/1	1605 / 1617	"	13.2	8.30	1.20		10.0		.5 .6	14		"
	5/5	1000	"					6.0		Est.			
112	5/11	1602 / 1609	WOOD DELGADILLO	12.0	6.52	0.94		6.1		.5 .6	13		FC37
113	5/19	0853 / 0903	WOOD	9.0	4.69	0.72		3.4		.5 .6	10		"
114	5/25	1615 / 1620	"	4.5	1.19	0.84		1.0		.5	7		"
115	6/1	1606 / 1611	"	4.5	1.08	0.64		0.69		.5	6		"
			SANTA ANITA CREEK above Santa Anita Dam (Inflow)										
228	12/15	1413 / 1430	WOOD	15.2	16.2	1.34		21.8		.6	16		FC37
229	3/30	1540 / 1605	"	15.7	20.4	1.18		24.0		.2 .6	17		"
230	4/6	1521 / 1536	"	14.0	9.72	2.78		27.0		.6	15		"
231	4/10	1050 / 1105	"	16.0	12.2	2.05		25.0		.6	17		"
232	4/12	0939 / 0956	"	17.1	14.7	2.31		34.0		.6	18		"
233	4/13	0930 / 0947	"	17.0	14.3	2.25		32.2		.6 .8	18		"
234	4/15	1357 / 1414	"	17.0	15.4	1.70		26.4		.2 .6	17		"
235	4/17	0835 / 0852	"	17.2	15.3	1.80		27.5		.6	18		"
236	4/20	1404 / 1421	"	17.8	17.9	2.02		36.0		.2 .6	19		"
237	4/24	0845 / 0910	"	20.5	24.8	2.44		60.3		Var.	19		"
238	4/27	1238 / 1305	"	19.0	26.7	2.01		53.8		.6 .8	18		"
239	5/1	1300 / 1330	"	19.0	24.3	1.74		42.2		.5 .8	18		"
240	5/4	1323 / 1350	"	18.0	24.7	1.68		41.3		.6 .8	17		"
241	5/8	1035 / 1102	"	17.0	23.7	1.53		36.2		.6 .8	17		"
242	5/11	1337 / 1405	WOOD DELGADILLO	18.0	22.9	1.42		32.6		.6 .8	18		"
243	5/15	1000 / 1021	CARPENTER	16.0	21.8	1.28		27.9		.6 .8	11		FC47
244	5/18	0930 / 0953	WOOD	16.0	21.0	1.22		25.7		.6 .8	16		FC37
245	5/23	0845 / 0905	"	15.1	20.1	1.06		21.4		.6 .8	16		"
246	5/29	0845 / 0905	"	16.0	21.8	0.96		20.7		.6 .8	16		"
247	5/31	1515 / 1540	"	17.0	24.3	1.29		31.3		.6 .8	17		"
248	6/2	0900 / 0921	"	16.0	19.8	0.96		19.1		.6 .8	16		"
249	6/5	0845 / 0906	"	16.0	20.0	0.92		18.2		.6 .8	16		"
250	6/5	0930 / 0941	"	12.0	6.44	2.76		17.8		.6	13		"
251	6/8	1528 / 1548	"	16.0	20.1	0.91		18.3		.6 .6	16		"
252	6/12	0900 / 0920	"	16.0	20.5	0.87		17.9		.6 .6	16		"
253	6/15	1119 / 1139	"	15.5	19.8	0.84		16.7		.6 .8	15		"
254	6/19	0850 / 0910	"	15.5	18.9	0.79		14.7		.6 .8	15		"
255	6/22	1034 / 1054	"	15.0	18.3	0.70		12.7		.6 .8	15		"
256	6/26	0846 / 0906	"	13.8	17.8	0.73		13.0		.6 .8	15		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SANTA ANITA CREEK above Santa Anita Dam (Inflow) (Cont.)										
257	6/29	0944 / 1004	WOOD	14.0	17.5	0.69		12.1		.6 .8	14		FC37
258	7/3	1010 / 1035	CARPENTER	14.4	17.2	0.65		11.1		.6 .8	15		"
259	7/6	1242 / 1256	"	13.3	14.3	0.71		10.1		.6	15		"
260	7/6	1305 / 1320	"	13.3	14.9	0.68		10.1		.6	14		"
261	7/10	1034 / 1059	CARPENTER - WOOD	14.4	16.8	0.56		9.4		.6 .8	14		"
262	7/13	1115 / 1132	WOOD	13.3	15.7	0.60		9.4		.6 .8	13		"
263	7/17	1044 / 1101	"	12.0	15.0	0.60		9.0		.6 .8	12		"
264	7/20	1048 / 1103	"	12.8	14.9	0.56		8.3		.6 .8	12		"
265	7/27	0930 / 0947	"	13.3	15.4	0.53		8.1		.6 .8	13		"
266	8/7	0947 / 1002	"	13.3	14.7	0.50		7.4		.6 .8	13		"
			SANTA ANITA CREEK at Spillway (Santa Anita Dam)										
14	7/13	1407 / 1430	WOOD	7.7	2.18	1.79		3.9		.5	17		FC37
15	7/14	1015 / 1032	WOOD - STUNDEN	6.2	3.36	2.38		8.0		.6	14		"
16	7/14	1044 / 1104	STUNDEN - WOOD	6.2	3.79	1.93		7.3		.6	14		"
17	7/14	1107 / 1124	"	6.2	3.55	2.60		9.2		.6	14		"
18	7/17	1134 / 1149	WOOD	6.2	3.55	2.45		8.7		.6	14		"
19	7/20	0950 / 1005	"	6.2	3.44	2.47		8.5		.6	14		"
20	7/24	0840 / 0855	"	6.2	3.37	2.37		8.1		.6	14		"
21	7/27	1015 / 1030	"	6.2	3.22	2.26		7.3		.6	14		"
22	8/3	0953 / 1008	"	6.2	3.13	2.21		6.9		.6	14		"
23	8/7	0843 / 0900	"	6.2	2.66	1.77		4.7		.5	14		"
24	8/9	0950 / 1005	"	6.2	2.97	2.06		6.1		.6	14		"
			SANTA ANITA CREEK above Sierra Madre Spreading Grounds Diversion										
445	10/13	1224 / 1227	WOOD	1.0	0.07	1.43		0.10		.5	5		FC53
446	10/18	0930 / 0945	WOOD PETERS	11.0	12.9	2.09		27.0		.6	12		FC71
447	10/20	0844 / 0856	WOOD	11.7	13.3	2.01		26.8		.6	13		FC37
448	10/27	1300 / 1303	"	1.2	0.10	0.60		0.06		.5	5		FC53
449	11/10	1102 / 1117	CARPENTER	11.6	14.4	2.10		30.3		.6	14		FC47
450	11/17	1205 / 1207	WOOD	0.9	0.05	1.00		0.05		.5	4		FC53
451	11/21	1123 / 1135	"	12.1	15.4	2.30		35.5		.6	14		FC34
452	11/23	0930 / 0942	WOOD - GAETZ	11.8	14.5	2.27		32.8		.6	13		FC37
453	12/12	1107 / 1119	WOOD	24.0	20.3	1.26		25.5		.5 .6	14		"
454	12/15	1300 / 1310	"	10.4	10.8	1.52		16.4		.6	13		"
455	12/29	1247 / 1259	"	20.0	17.7	1.49		26.4		.6	15		"
456	1/4	0903 / 0913	"	10.1	11.1	1.74		19.3		.6	12		"
457	1/12	1230 / 1233	"	1.8	0.34	0.91		0.31		.5	5		FC53
458	1/13	1540 / 1550	"	7.6	4.70	1.66		7.8		.6	10		FC37
459	1/16	0814 / 0821	"	6.7	4.21	1.78		7.5		.6	9		"
460	1/17	0840 / 0847	"	8.0	6.98	0.93		6.5		.6	10		"
461	1/17	1553 / 1603	"	11.8	8.67	1.33		11.5		.6	13		"
462	1/19	0940 / 0955	"	12.0	20.8	0.53		11.0		.6 .8	11		"
463	1/23	1530 / 1542	"	11.1	11.0	1.89		20.8		.6	12		"
464	2/23	1343 / 1353	"	10.7	10.4	1.70		17.6		.6	12		"
465	2/24	1515 / 1530	"	10.8	8.85	1.28		11.3		.6	14		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SANTA ANITA CREEK above Sierra Madre Spreading Grounds Diversion (Cont.)										
466	3/2	1230 / 1240	WOOD	10.5	8.52	1.20		10.2		.6	12		FC37
467	3/7	1208 / 1223	"	10.4	9.59	1.55		14.9		.6	14		"
468	3/9	1553 / 1608	"	10.5	9.27	1.46		13.5		.6	14		"
469	3/30	1313 / 1328	"	14.0	21.8	1.37		29.8		.8 / .6	11		"
470	4/3	0925 / 0937	"	11.1	10.1	1.40		14.1		.6	14		"
471	4/6	1430 / 1442	"	11.3	10.8	1.45		15.7		.6	14		"
472	4/17	1050 / 1110	"	10.7	12.8	1.86		23.8		.6 / .8	14		"
473	5/29	1032 / 1047	"	11.0	7.06	3.12		22.0		.6	12		"
474	6/7	0929 / 0939	"	10.1	5.24	1.99		10.4		.6	11		"
475	6/8	1230 / 1240	"	11.0	5.20	2.05		10.6		.5 / .6	12		"
476	6/15	1002 / 1012	"	11.0	4.42	1.82		8.1		.5 / .6	12		"
477	6/15	1316 / 1326	"	9.0	4.12	1.82		7.5		.5 / .6	11		"
478	6/15	1345 / 1355	"	11.0	4.36	1.90		8.3		.5 / .6	12		"
479	6/16	1444 / 1453	"	8.9	3.44	2.00		6.9		.5 / .6	10		"
480	6/22	1248 / 1257	"	9.1	3.70	2.19		8.1		.5	10		"
481	6/29	1120 / 1130	"	9.5	3.83	2.05		7.8		.5	11		"
482	7/3	0828 / 0840	CARPENTER	7.3	3.31	2.60		8.6		.6	12		"
483	7/6	1103 / 1111	"	7.1	3.83	2.85		10.9		.6	10		"
484	7/10	0823 / 0833	CARPENTER - WOOD	7.5	3.84	2.82		10.8		.6	10		"
485	7/13	0925 / 0934	WOOD	7.3	4.01	2.87		11.5		.6	9		"
486	7/14	1308 / 1315	"	7.3	3.93	2.32		9.1		.6	9		"
487	7/17	0903 / 0912	"	7.1	3.85	2.20		8.5		.6	9		"
488	7/20	1245 / 1254	"	7.1	4.03	2.29		9.2		.6	9		"
489	7/27	1132 / 1139	"	7.4	3.63	1.93		7.0		.6	9		"
490	8/9	1215 / 1221	"	7.0	3.76	3.06		11.5		.6	8		"
491	8/11	1025 / 1035	"	9.3	3.68	2.06		7.6		.5 / .6	11		"
492	8/15	0830 / 0840	"	9.2	3.21	2.24		7.3		.5	11		"
493	8/16	1230 / 1241	"	11.3	4.01	1.53		6.3		.5	13		"
494	8/17	1540 / 1549	"	8.4	2.91	1.88		5.5		.5	10		"
495	8/18	0903 / 0915	"	5.7	2.12	1.42		3.0		.5	12		"
496	8/18	1423 / 1440	"	6.2	2.48	1.78		4.4		.5	13		"
497	8/19	1045 / 1057	"	6.5	2.82	2.23		6.3		.5 / .6	13		"
498	8/24	1245 / 1257	"	6.2	2.68	1.50		4.0		.5	13		"
499	8/25	1452 / 1507	"	6.0	3.05	2.30		7.0		.6	13		"
500	8/26	1120 / 1132	"	6.2	3.07	2.28		7.0		.6	13		"
501	8/31	1254 / 1306	"	8.0	2.89	2.08		6.0		.5 / .6	13		"
502	9/5	1357 / 1409	"	6.2	2.94	2.10		6.2		.5 / .6	13		"
503	9/7	1355 / 1407	"	6.2	2.85	1.78		5.1		.6	13		"
504	9/14	1457 / 1517	"	14.0	5.62	2.87		16.1		.6	15		"
505	9/18	1515 / 1530	"	11.6	5.68	3.56		20.2		.6	13		"
506	9/21	1258 / 1313	"	12.0	6.74	3.55		23.9		.6	14		"
507	9/26	0838 / 0848	"	10.0	6.38	3.11		19.8		.6	12		"
508	9/28	1245 / 1255	"	10.2	6.25	3.50		21.8		.6	12		"
			SANTA ANITA CREEK below Sierra Madre Diversion										
315	1/26	1230 / 1242	WOOD - DRIGGS	24.3	30.6	2.14		65.6		.6 / .8	13		FC37
316	2/1	0921 / 0944	WOOD	30.8	29.0	1.73		50.2		.6 / .8	17		"
317	2/2	1157 / 1210	"	11.3	9.03	1.02		9.2		.6	13		"
318	2/7	1603 / 1613	"	9.2	4.26	1.66		7.1		.6	10		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SANTA ANITA CREEK below Sierra Madre Diversion (Cont.)										
319	2/9	1240 / 1252	WOOD	11.1	5.23	1.11		5.8		.5	13		FC37
320	2/16	0815 / 0830	"	10.9	5.26	1.08		5.7		.6	12		"
321	2/23	1238 / 1247	"	5.9	1.96	0.51		1.0		.5	11		"
322	3/14	1410 / 1420	CARPENTER	26.0	27.8	2.87		79.9		.6	13		FC47
323	3/16	1451 / 1515	CARPENTER - WOOD	24.0	30.9	2.40		74.2		.5 / .8	25		FC37
324	3/17	1535 / 1600	WOOD	20.3	12.1	1.52		18.4		.5 / .6	22		"
325	3/24	0857 / 0920	"	20.6	13.8	1.48		20.4		.5 / .6	22		"
326	3/29	1138 / 1208	"	22.1	15.0	1.49		22.4		.5 / .6	23		"
327	3/30	1210 / 1233	"	21.7	15.2	1.47		22.3		.6	23		"
328	4/3	0957 / 1009	"	11.0	6.83	0.88		6.0		.6	13		"
329	4/6	1403 / 1413	"	10.0	6.16	0.97		6.0		.6	12		"
330	4/7	1652 / 1709	"	24.0	31.4	3.02		94.9		.6 / .8	15		"
331	4/8	1400 / 1425	"	24.1	33.0	2.95		97.5		.6 / .8	16		"
332	4/10	1456 / 1509	"	24.0	21.7	2.10		45.6		.6	14		"
333	4/13	0815 / 0840	"	21.6	11.0	1.26		13.9		.5 / .6	23		"
334	4/17	1151 / 1203	"	11.5	10.5	2.06		21.6		.6	14		"
335	4/20	1247 / 1302	"	24.1	21.3	1.83		38.9		.6	15		"
336	4/24	1035 / 1050	"	24.5	31.1	3.62		81.6		.8 / .8	15		"
337	4/25	1144 / 1209	"	24.0	23.3	1.96		45.6		.6	25		"
338	4/27	1023 / 1043	"	21.0	20.1	2.45		49.3		.6	19		"
339	5/1	1040 / 1100	WOOD	25.0	26.0	1.72		44.8		.2 / .8	18		FC37
340	5/4	1140 / 1155	"	24.0	21.4	1.93		41.4		.6	25		"
341	5/8	0913 / 0930	"	24.0	20.7	1.75		36.3		.6	18		"
342	5/11	1240 / 1249	WOOD - DELGADILLO	11.5	6.93	3.30		22.8		.6	9		"
343	5/15	0840 / 0900	CARPENTER - CARPENTER	25.0	19.4	1.69		32.8		.6	16		FC47
344	5/15	1135 / 1156	CARPENTER	25.1	21.6	2.12		45.8		.6	19		"
345	5/26	0830 / 0845	WOOD	12.5	6.29	3.72		23.4		.5 / .6	14		FC37
346	6/22	1320 / 1326	"	3.5	1.05	0.70		0.82		.5	8		"
	6/29	1205	"					1.0		Est.			
347	7/3	0917 / 0930	CARPENTER		CHANNELS			2.4		.6	14		FC37
348	7/10	0853 / 0903	CARPENTER - WOOD	7.2	1.90	1.37		2.6		.5	9		"
349	7/13	1002 / 1009	WOOD	9.0	2.58	1.67		4.3		.5	10		"
350	7/20	1312 / 1322	"	11.0	2.84	1.69		4.8		.5	12		"
351	7/27	1200 / 1209	"	10.0	2.04	1.32		2.7		.5	11		"
352	8/3	1145 / 1157	"	13.0	3.98	1.64		6.5		.5	14		"
			SANTA ANITA CREEK below Clamshell Canyon										
10	12/8	1345 / 1410	WOOD		CHANNELS			245.		.6	24		FC37
11	1/26	1111 / 1203	WOOD - DRIGGS		"			67.8		.6	19		"
12	3/16	1400 / 1432	CARPENTER - WOOD		"			79.9		.6	36		"
13	3/30	1107 / 1124	WOOD	18.2	18.3	1.34		24.6		.6	20		"
14	4/3	1035 / 1047	"	13.2	8.80	0.67		5.9		.5 / .6	14		"
15	4/6	1330 / 1342	"	13.1	9.04	0.74		6.7		.6	14		"
16	4/13	1416 / 1506	"	16.4	16.3	1.03		16.8		Var.	17		"
17	4/17	1222 / 1247	"	22.2	21.5	1.01		21.7		.6	23		"
18	4/20	1134 / 1149	"	24.0	28.2	1.48		41.7		.6 / .8	15		"
19	4/27	0927 / 0954	"	24.2	30.0	1.64		49.3		.6 / .8	18		"
20	5/1	0935 / 1002	"	25.0	31.1	1.62		50.4		.6 / .8	19		"
21	5/4	1507 / 1528	"	23.5	29.0	1.47		42.9		Var.	18		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SAWPIT CREEK below Sawpit Dam										
53	10/6	0953 / 0959	WOOD	3.6	0.97	1.44		1.4		.5	8		FC53
54	10/13	0948 / 0953	"	3.6	1.06	1.51		1.6		.5	6		"
55	10/20	1115 / 1120	"	3.6	1.04	1.06		1.1		.5	6		FC37
56	10/27	0943 / 0948	"	3.6	1.02	1.27		1.3		.5	6		FC53
57	11/3	0934 / 0942	CARPENTER	3.8	1.15	0.96		1.1		.5 / .6	9		"
58	11/17	0918 / 0923	WOOD	3.6	1.22	1.15		1.4		.5	6		FC37
59	11/23	1558 / 1603	"	3.5	1.15	1.13		1.3		.5	6		"
60	3/9	1034 / 1044	"	7.5	7.04	0.71		5.0		.6	10		"
61	3/23	1028 / 1034	"	5.0	4.29	1.26		5.4		.6	8		"
62	3/30	0920 / 0925	"	5.1	4.50	1.11		5.0		.6	7		"
63	4/6	1030 / 1035	"	5.6	4.78	1.32		6.3		.6	7		"
64	4/13	1257 / 1303	"	5.9	5.00	1.24		6.2		.6	8		"
65	5/4	0907 / 0913	"	5.5	5.43	1.76		9.6		.6	7		"
66	5/11	0951 / 1004	DELGADILLO - WOOD	5.4	5.05	1.52		7.7		.6	7		"
67	6/8	0950 / 0955	WOOD	5.6	4.93	1.26		6.2		.6	7		"
68	6/15	1533 / 1538	"	5.5	4.73	1.06		5.0		.6	7		"
69	6/22	1541 / 1546	"	5.5	4.74	0.98		4.6		.6	7		"
70	7/6	0858 / 0906	CARPENTER	6.8	3.60	1.55		5.6		.6	9		FC43
71	7/14	0837 / 0842	WOOD	5.4	4.66	0.90		4.2		.6	7		FC37
72	7/21	0844 / 0849	"	5.4	4.59	0.87		4.0		.6	7		"
73	7/27	1526 / 1531	"	5.4	4.55	0.70		3.2		.6	7		"
74	8/4	0845 / 0850	"	5.4	4.83	0.85		4.1		.6	7		"
75	8/10	1329 / 1334	"	5.4	4.50	0.73		3.3		.6	7		"
76	8/17	0908 / 0913	"	5.4	4.54	0.78		3.5		.6	7		"
77	8/24	0915 / 0920	"	5.5	4.50	0.74		3.3		.6	7		"
78	8/31	0930 / 0935	"	5.5	4.42	0.68		3.0		.6	7		"
79	9/8	0847 / 0852	"	5.4	4.48	0.70		3.1		.6	7		"
80	9/15	0902 / 0907	"	5.4	4.56	0.59		2.7		.6	7		"
81	9/21	0950 / 0955	"	5.4	4.49	0.62		2.8		.6	7		"
82	9/28	0945 / 0950	"	5.4	4.54	0.71		3.2		.6	7		"
			RIO HONDO at Mission Bridge										
43	11/15	1537 / 1544	ROY	11.0	3.60	2.12		7.6		.5	7		FC66
44	7/20	0835 / 0847	"		CHANNELS			13.5		.5 / .6	14		"
45	8/9	1434 / 1443	ROY - SINGER	25.0	8.73	1.29		11.3		.6	10		"
			RIO HONDO 500 Feet below Mission Bridge										
2	8/3	0821 / 0846	SINGER		CHANNELS			23.9		.6	23		FC66
3	8/9	1500 / 1509	ROY - SINGER		"			11.6		.5 / .6	13		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			RIO HONDO 600 Feet below Mission Bridge										
1	10/31	1130 / 1141	ROY	14.6	6.66	1.13		7.5		.5	9		FC66
2	11/3	0955 / 1004	"	15.0	7.00	1.11		7.8		.5 / .6	9		"
3	11/10	1136 / 1147	"		CHANNELS			13.1		.5 / .6	12		"
4	11/15	1552 / 1600	"	9.0	5.36	1.81		9.7		.6	6		"
5	11/17	1215 / 1219	"	8.0	5.18	1.82		9.4		.6	5		"
6	12/30	0945 / 0958	"		CHANNELS			12.3		.5 / .6	13		"
7	1/3	0918 / 0929	"		"			9.5		.5 / .6	12		"
8	1/5	0842 / 0852	"		"			8.8		.5 / .6	13		"
9	2/1	0921 / 0930	"	17.0	10.6	1.25		13.3		.6	10		"
10	2/27	0835 / 0846	"		CHANNELS			9.5		.5 / .6	11		"
11	3/7	0908 / 0918	"	21.0	8.89	1.44		12.8		.5 / .6	9		"
12	3/9	1005 / 1013	"	19.0	8.79	1.26		11.2		.5 / .6	9		"
13	3/16	0915 / 0929	"		CHANNELS			12.8		.5 / .6	17		"
14	3/28	0952 / 1007	"		"			10.6		.5	16		"
15	4/25	1106 / 1116	"		"			16.1		.5 / .6	13		"
16	5/18	0930 / 0945	"		"			15.3		.5 / .6	15		"
17	6/8	0828 / 0842	"		"			13.8		.5 / .6	13		"
18	6/15	0855 / 0908	"		"			12.3		.5	15		"
19	6/22	0852 / 0904	"		"			12.5		.5 / .6	14		"
20	6/29	0858 / 0913	"		"			12.2		.5 / .6	14		"
21	7/6	0850 / 0904	"		"			13.6		.5 / .6	14		"
22	7/13	0838 / 0850	"		"			13.9		.5 / .6	14		"
23	7/27	0830 / 0840	ROY - CARLTON		"			14.3		.5	14		"
			MISSION CREEK OVERFLOW CHANNEL above Crossover Channel										
18	7/11	1013 / 1020	ROY	6.0	3.50	1.97		6.9		.6	7		FC66
19	7/12	1605 / 1613	"	7.0	4.93	2.36		11.6		.6	8		"
20	7/14	0903 / 0910	"	7.0	4.90	2.38		11.6		.6	8		"
21	7/17	0855 / 0901	"	6.5	4.13	1.91		7.9		.6	8		"
22	7/19	1526 / 1533	"	6.5	4.96	2.10		10.4		.6	8		"
23	7/20	1418 / 1423	"	6.0	2.60	2.48		6.4		.6	6		"
24	7/20	1451 / 1500	"	6.5	5.26	1.94		10.2		.6	8		"
25	7/24	0950 / 0956	"	6.0	4.60	1.52		7.0		.6	7		"
26	7/26	0913 / 0919	"	6.0	4.34	1.43		6.2		.6	7		"
27	8/2	1109 / 1115	SINGER	6.0	3.64	1.24		4.5		.6	7		"
28	8/9	0900 / 0906	ROY	6.0	3.34	0.99		3.3		.6	7		"
29	8/10	1012 / 1018	"	6.0	3.97	1.08		4.3		.6	7		"
30	8/16	1525 / 1531	"	6.0	4.53	0.80		3.6		.6	7		"
31	8/30	1537 / 1543	"	6.0	4.90	0.59		2.9		.6	7		"
32	9/6	1606 / 1612	"	6.0	5.22	0.94		4.9		.6	7		"
33	9/13	1612 / 1617	"	8.0	6.28	0.81		5.1		.6	7		"
34	9/20	1610 / 1616	"	8.0	7.10	0.83		5.9		.6	8		"
35	9/27	1326 / 1335	CARLTON - ROY	7.5	6.87	0.89		6.1		.6	6		"

DISCHARGE MEASUREMENTS OF SAN GABRIEL RIVER DRAINAGE AREA

AT Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 19 66

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SAN GABRIEL RIVER-WEST FORK above Bear Creek										
339	10/7	1506 / 1524	DE VORE	14.2	11.8	1.03		12.2		.6	15		FC22
340	10/22	1412 / 1425	MC BRIDE	4.8	1.32	0.56		0.74		.5 .6	10		FC62
341	11/4	1501 / 1511	DE VORE	3.8	0.76	0.70		0.53		.5 .6	9		"
342	2/9	1522 / 1539	"	23.5	23.4	1.29		30.1		.6	13		FC22
343	4/12	1440 / 1509	"	24.8	27.8	3.30		91.8		.6	20		"
344	7/21	1247 / 1257	"	12.0	2.22	1.98		4.4		.5	10		"
345	8/4	1112 / 1120	SINGER	10.8	1.89	1.38		2.6		.6	8		"
346	8/18	1104 / 1112	"	6.6	1.21	1.98		2.4		.5	8		"
347	9/7	1257 / 1307	DE VORE - GOULD	6.8	1.42	1.48		2.1		.5	8		"
			BEAR CREEK above Junction with San Gabriel River, West Fork										
329	10/7	1536 / 1547	DE VORE	4.3	1.37	0.53		0.72		.6	9		FC62
330	10/21	1545 / 1554	MC BRIDE	4.5	1.36	0.48		0.65		.5 .6	7		"
331	11/4	1523 / 1535	DE VORE	4.5	1.45	0.56		0.79		.5 .6	10		"
332	2/9	1458 / 1514	"	25.9	18.7	2.84		53.1		.6	13		FC22
333	4/12	1416 / 1432	"	17.9	10.6	1.62		17.2		.6	12		"
334	6/16	1129 / 1142	"	10.6	7.05	1.19		8.4		.6	11		"
335	7/21	1304 / 1317	"	8.8	4.67	0.94		4.4		.6	10		"
336	8/4	1131 / 1143	SINGER	7.5	3.81	0.87		3.3		.6	9		"
337	8/18	1119 / 1132	"	8.1	3.63	0.91		3.3		.6	10		"
338	9/7	1324 / 1340	DE VORE - GOULD	7.9	3.55	0.87		3.1		.6	15		"
			SAN GABRIEL RIVER-NORTH FORK above West Fork										
349	10/7	1604 / 1620	DE VORE	6.6	2.88	0.56		1.6		.6	13		FC62
350	10/21	1612 / 1622	MC BRIDE	6.2	2.36	0.64		1.5		.5 .6	8		"
351	11/4	1600 / 1613	DE VORE	5.9	1.79	0.95		1.7		.6	11		"
352	2/9	1346 / 1401	"	15.0	15.8	3.26		51.5		.6	10		FC22
353	4/12	1331 / 1349	"	11.8	11.8	1.66		19.6		.6	13		"
354	5/25	1552 / 1608	"	14.2	9.12	1.55		14.1		.6	14		"
355	6/16	1551 / 1602	"	12.2	9.51	1.36		12.9		.6	10		"
356	7/7	1607 / 1625	SINGER - LUYENDYK	11.6	8.23	1.00		8.2		.6	13		"
357	7/21	1346 / 1402	DE VORE	10.1	8.37	0.96		8.0		.6	12		"
358	7/25	1010 / 1027	SINGER	10.2	6.99	1.04		7.2		.6	11		"
359	8/4	1224 / 1239	"	10.0	7.34	1.18		8.7		.6	12		"
360	8/18	1155 / 1217	"	10.0	7.68	0.95		7.3		.6	13		"
361	9/7	1531 / 1345	DE VORE - GOULD	9.9	5.84	1.10		6.4		.6	12		"
			RINCON CANYON ½ Mile above San Gabriel River-West Fork										
1	3/28	1540 / 1548	DE VORE	2.0	0.45	1.04		0.47		.6	7		FC62
2	4/4	1541 / 1552	"	2.8	0.60	0.90		0.54		.6	9		"
			SAN GABRIEL RIVER-PRAIRIE FORK at Mine Gulch Camp										
	9/23	1120 / 1137	SINGER	5.7	2.60	1.00		2.6		.6	11		FC45

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SAN GABRIEL RIVER-CATTLE CANYON above East Fork										
240	10/14	0901 / 0915	DE VORE	5.4	2.10	0.86		1.8		.6	12		FC62
241	10/28	0928 / 0952	"	5.5	2.16	0.74		1.6		.6	11		"
242	11/10	0859 / 0912	"	6.0	2.69	0.67		1.8		.6	11		"
243	2/11	1037 / 1052	"	15.3	11.5	2.71		31.2		.6	12		FC22
244	4/11	1429 / 1447	"	13.9	11.9	1.08		12.9		.6	15		"
245	6/9	1324 / 1339	"	14.0	11.4	0.65		7.4		.6	11		"
246	6/23	1323 / 1335	"	9.5	5.50	0.95		5.2		.6	10		"
247	7/14	1323 / 1336	"	8.8	5.11	0.84		4.3		.6	11		"
248	8/11	1320 / 1331	SINGER	5.1	4.00	0.68		2.7		.6	10		"
249	9/1	1314 / 1323	DE VORE - LINDGREN	9.8	3.24	1.08		3.5		.5 .6	9		"
250	9/29	1253 / 1308	DE VORE	5.6	2.27	1.23		2.8		.6	12		FC62
			SAN GABRIEL RIVER SIDE CANYONS below Cattle Canyon										
1	4/5	1117 / 1131	DE VORE	4.9	1.66	0.66		1.1		.6	11		FC62
2	4/5	1324 / 1336	"	2.6	0.89	1.10		0.98		.6	9		"
3	4/5	1448 / 1500	"	2.8	0.66	0.77		0.51		.6	9		"
			SAN GABRIEL-AZUSA CONDUIT at Morris Dam										
1	3/7	1430 / 1502	DE VORE	6.4	21.1	3.91		82.5		.2 .6 .8	14		FC22
2	5/3	1535 / 1620	"	6.4	14.2	3.61		51.3		.2 .6 .8	14		"
			SAN GABRIEL RIVER below Metropolitan Water District Aqueduct										
146	10/1	1113 / 1123	BROOK	6.4	4.40	2.91		12.8		.6	9		FC63
147	12/1	1139 / 1211	LUYENDYK - BROOK	29.0	32.6	0.58		18.8		.6	19		"
148	4/18	1445 / 1518	BROOK	70.0	58.9	1.24		73.3		.6	25		"
149	6/14	0828 / 0840	"		CHANNELS			1.0		.6	14		"
150	6/16	0818 / 0830	"		"			0.44		.6	14		FC74
151	6/23	0835 / 0844	"		"			0.56		.6	11		"
152	6/30	0810 / 0821	"		"			0.43		.6	11		"
153	7/7	1021 / 1028	"		"			0.87		.6	10		"
154	7/14	0809 / 0820	"		"			0.74		.6	10		"
155	7/21	0820 / 0828	"		"			0.67		.6	10		"
156	7/28	0818 / 0834	LUYENDYK		"			0.89		.6	12		FC63
157	8/4	0814 / 0826	BROOK		"			1.2		.6	11		FC74
158	8/11	0810 / 0838	"		"			1.0		.6	11		"
159	8/18	0804 / 0816	"		"			1.1		.6	11		"
160	8/25	0818 / 0832	"		"			2.7		.6	13		"
161	9/1	0813 / 0822	"		"			0.73		.6	11		"
162	9/8	0758 / 0802	LUYENDYK	2.5	0.38	0.74		0.28		.6	6		FC63
163	9/15	0828 / 0834	BROOK	2.4	0.31	0.71		0.22		.6	7		"
164	9/29	0806 / 0812	"	2.2	0.22	0.73		0.16		.6	6		FC74

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			COMMITTEE OF NINE TUNNEL at Highway Bridge near Canyon Inn										
39	11/29	1045 / 1053	BROOK - LUYENDYK	10.0	12.1	1.59		19.3		.6	11		FC6
40	11/30	1105 / 1116	LUYENDYK - BROOK	10.0	12.3	1.80		22.1		.6	11		"
41	12/4	0952 / 1003	BROOK - LUYENDYK	10.4	12.2	1.66		20.3		.6	11		"
42	12/9	1243 / 1250	"	10.0	12.2	1.52		18.6		.6	11		"
43	12/13	1326 / 1336	BROOK	10.0	10.0	1.54		15.4		.6	11		"
44	12/16	1121 / 1126	"	10.0	9.36	1.44		13.5		.6	11		"
45	12/22	0852 / 0904	"	9.6	7.58	1.27		9.6		.6	11		"
46	12/29	1055 / 1101	BROOK - LUYENDYK	9.8	10.4	1.24		12.9		.6	11		FC63
47	12/31	0952 / 1004	LUYENDYK - BROOK	10.6	13.2	1.33		17.5		.6	12		"
48	1/3	1200 / 1220	"	10.7	13.3	1.46		19.4		.6	12		"
49	1/6	0800 / 0809	BROOK - LUYENDYK	10.9	14.5	1.24		18.0		.6	12		"
50	1/8	1103 / 1116	LUYENDYK - BROOK	10.5	14.2	1.39		19.7		.6	12		"
51	1/13	0832 / 0846	"	10.5	14.4	1.28		18.5		.6	13		"
52	1/20	0912 / 0920	BROOK	8.0	5.37	1.75		9.4		.6	9		"
53	1/27	0842 / 0850	"	5.4	3.04	2.40		7.3		.6	8		"
54	2/3	1058 / 1105	"	6.0	3.28	2.22		7.3		.6	7		"
55	2/10	0934 / 0942	"	8.0	5.65	1.45		8.2		.6	9		"
56	2/16	1033 / 1042	"	8.0	6.00	1.66		10.0		.6	9		"
57	2/24	1034 / 1102	"	8.0	6.08	1.71		10.4		.6	9		"
58	3/3	1054 / 1104	"	8.4	7.17	1.73		12.4		.6	9		"
59	3/10	1150 / 1200	"	7.4	5.80	1.50		8.7		.6	9		"
60	3/17	1156 / 1206	"	8.0	6.35	1.26		8.0		.6	9		"
61	3/24	1322 / 1332	"	8.0	6.58	1.37		9.0		.6	9		"
62	3/31	1434 / 1444	"	8.0	6.46	1.40		9.0		.6	8		"
63	4/6	1146 / 1154	"	8.0	6.84	1.33		9.1		.6	9		"
64	4/7	1454 / 1504	"	8.0	6.68	1.26		8.4		.6	9		"
65	4/13	1450 / 1500	"	8.0	6.51	1.26		8.2		.6	9		"
66	4/18	1547 / 1558	"	8.0	6.47	1.27		8.2		.6	9		"
67	4/19	1552 / 1600	"	8.0	6.25	1.18		7.4		.6	9		"
68	4/21	0928 / 0936	"	8.0	6.44	1.43		9.2		.6	9		"
69	4/28	0933 / 0940	"	8.0	6.22	1.14		7.1		.6	9		"
70	5/5	0932 / 0940	"	8.0	5.94	0.89		5.3		.6	9		"
71	5/12	0913 / 0923	"	7.2	5.59	1.02		5.7		.6	10		"
72	5/19	0942 / 0950	"	8.0	6.61	1.36		9.0		.6	9		"
73	5/25	1203 / 1214	LUYENDYK - BROOK	8.5	7.17	1.26		9.0		.6	11		"
74	6/9	0859 / 0908	LUYENDYK	6.0	3.26	0.49		1.6		.6	7		FC51
75	6/23	0904 / 0914	BROOK	4.8	2.26	0.35		0.79		.6	9		FC74
76	6/30	0848 / 0855	"	3.7	0.97	0.46		0.45		.6	7		"
77	7/28	0854 / 0859	LUYENDYK	2.5	1.00	0.45		0.45		.6	6		FC63
			SAN GABRIEL RIVER below San Gabriel-Azusa Tunnel Diversion										
27	5/12	1054 / 1110	BROOK	13.6	5.99	1.05		6.3		.6	17		FC63
			ROGERS CREEK at Mouth of Canyon										
1	11/30	1544 / 1554	LUYENDYK - BROOK	9.0	5.21	3.22		16.8		.6	10		FC6
2	12/1	1017 / 1030	"	9.0	6.12	2.96		18.1		.6	11		"
3	12/15	1412 / 1423	BROOK	8.6	4.24	1.75		7.4		.6	10		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			ROGERS CREEK at Mouth of Canyon (Cont.)										
4	12/22	0920 / 0930	BROOK	8.2	3.77	1.49		5.6		.6	10		FC6
5	12/31	0918 / 0931	BROOK - LUYENDYK		CHANNELS			88.2		.6	21		FC63
6	1/6	0818 / 0828	"	14.2	5.93	4.49		26.6		.6	15		"
7	1/8	1037 / 1051	LUYENDYK - BROOK	8.9	6.38	3.42		21.8		.6	12		"
8	1/13	0812 / 0824	BROOK - LUYENDYK	11.4	5.37	2.70		14.5		.6	12		"
9	1/20	0854 / 0902	BROOK	7.8	3.53	3.23		11.4		.6	9		"
10	1/26	1542 / 1552	"	8.8	3.14	2.42		7.6		.6	10		"
11	1/31	1316 / 1328	LUYENDYK - BROOK	6.1	2.21	3.04		6.7		.6	12		"
12	2/3	1120 / 1127	BROOK	7.0	3.06	2.06		6.3		.6	8		"
13	2/7	1256 / 1308	"	11.0	5.14	3.70		19.0		.6	12		"
14	2/10	0956 / 1004	"	6.6	3.90	2.51		9.8		.6	9		"
15	2/16	1009 / 1019	"	6.6	3.09	2.46		7.6		.6	9		"
16	2/24	1030 / 1040	"	6.4	2.85	2.04		5.8		.6	11		"
17	3/3	1117 / 1126	"	6.4	2.82	1.85		5.2		.6	11		"
18	3/10	1226 / 1234	"	4.2	1.96	2.09		4.3		.6	9		"
19	3/17	1220 / 1228	"	5.2	1.48	2.50		3.7		.6	8		"
20	3/24	1402 / 1412	"	4.2	1.39	1.80		2.5		.6	9		"
21	3/31	1458 / 1505	"	3.0	0.96	1.15		1.1		.6	7		"
22	4/6	1212 / 1220	"	3.5	1.07	1.12		1.2		.6	8		"
23	4/14	1310 / 1316	"	3.0	0.80	0.94		0.75		.6	7		"
24	4/21	1000 / 1007	"	3.2	1.00	1.00		1.0		.6	7		"
25	4/28	1006 / 1014	"	3.5	0.73	1.33		0.97		.6	8		FC74
26	5/5	1000 / 1008	"	2.8	0.58	1.48		0.86		.6	8		"
27	5/12	0950 / 0957	"	2.6	0.77	1.12		0.86		.6	7		"
28	5/19	1008 / 1014	"	2.6	0.58	0.74		0.43		.6	7		"
29	5/26	1533 / 1536	LUYENDYK - BROOK	2.6	0.57	0.65		0.37		.6	6		FC63
30	6/2	0857 / 0905	BROOK	2.5	0.47	0.40		0.19		.6	6		FC74
31	6/9	0922 / 0930	LUYENDYK	2.0	0.42	0.55		0.23		.6	7		"
			FISH CREEK at Mouth of Canyon										
10	12/1	0846 / 0906	LUYENDYK - BROOK		CHANNELS			13.3		.6	17		FC6
11	12/15	1314 / 1322	BROOK	5.6	2.79	1.97		5.5		.6	8		"
12	12/22	1150 / 1156	"	4.0	1.39	1.37		1.9		.6	7		"
13	12/31	1638 / 1653	LUYENDYK - BROOK	25.5	9.44	6.88		65.0		.6	13		FC63
14	1/6	0940 / 0949	BROOK - LUYENDYK	9.6	5.22	4.25		22.2		.6	11		"
15	1/8	1229 / 1243	LUYENDYK - BROOK	10.6	5.40	2.76		14.9		.6	11		"
16	1/13	1012 / 1022	BROOK	7.0	3.56	2.44		8.7		.6	11		"
17	1/26	1350 / 1358	"	6.6	2.77	1.45		4.0		.6	9		"
18	1/31	1144 / 1202	LUYENDYK - BROOK	6.8	2.83	1.91		5.4		.6	15		"
19	2/3	1248 / 1257	BROOK	5.4	2.31	1.69		3.9		.6	9		"
20	2/7	1400 / 1412	"	9.8	4.24	4.06		17.2		.6	11		"
21	2/10	1446 / 1454	"	6.9	2.72	2.65		7.2		.6	10		"
22	2/16	0810 / 0820	"	7.0	3.52	1.88		6.6		.6	10		"
23	2/24	0818 / 0829	"	6.8	2.79	1.86		5.2		.6	12		"
24	3/3	0800 / 0810	"	6.0	2.51	1.83		4.6		.6	11		"
25	3/10	0912 / 0921	"	5.4	2.39	1.92		4.6		.6	9		"
26	3/17	0922 / 0930	"	5.4	2.15	1.63		3.5		.6	10		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			FISH CREEK above Junction with San Gabriel River										
8	3/24	0936 / 0944	BROOK	4.6	2.19	0.87		1.9		.6	10		FC63
9	3/31	0918 / 0922	"	2.5	0.64	0.73		0.47		.6	6		"
	4/6	1610	"					0					
10	5/26	1013 / 1023	LUYENDYK - BROOK	3.3	1.05	0.79		0.83		.6	9		FC63
11	6/2	1332 / 1338	BROOK	2.0	0.31	0.55		0.17		.6	6		FC74
12	6/9	1428 / 1433	LUYENDYK	3.5	1.19	1.18		1.4		.6	8		FC51
13	6/23	1320 / 1326	BROOK	3.0	0.55	0.96		0.53		.6	7		FC74
			DUARTE PIPELINE RETURN TO SAN GABRIEL RIVER-EAST SIDE										
	2/4	1615	BROOK					12.5		Est.			
	2/7	1320	"					12.0		"			
	2/10	1040	"					16.5		"			
	2/16	1000	"					18.5		"			
	2/24	0925	"					19.1		"			
	3/3	1200	"					19.1		"			
	3/10	1300	"					19.1		"			
	3/17	1300	"					19.1		"			
	3/24	1430	"					19.0		"			
	3/31	1550	"					19.0		"			
	4/6	1235	"					19.0		"			
	4/21	1200	"					19.0		"			
	4/28	1220	"					19.0		"			
	5/12	1200	"					12.5		"			
			DUARTE DITCH RETURN at Van Tassel Canyon										
98	12/15	1332 / 1340	BROOK	9.0	3.44	0.41		1.4		.6	10		FC6
99	12/22	1206 / 1212	"	2.3	0.43	0.28		0.12		.6	6		"
100	1/6	0924 / 0928	"	3.7	0.96	0.68		0.65		.6	8		FC74
101	2/3	1310 / 1314	"	1.6	0.26	0.88		0.23		.6	5		FC63
102	2/10	1506 / 1512	"	2.4	0.41	0.61		0.25		.6	7		"
103	2/16	0837 / 0841	"	1.5	0.28	0.79		0.22		.6	6		"
104	2/24	0804 / 0806	"	2.0	0.44	0.73		0.32		.6	6		"
105	3/3	0825 / 0830	"	1.6	0.37	1.84		0.68		.6	5		"
106	3/10	0932 / 0938	"	2.4	0.56	0.84		0.47		.6	6		"
107	3/17	0946 / 0950	"	2.5	0.62	0.81		0.50		.6	6		"
			BIG DALTON CREEK above Big Dalton Debris Basin										
1	12/8	1239 / 1248	BROOK	6.6	4.51	2.73		12.3		.6	8		FC6
			SAN DIMAS CREEK above San Dimas Dam (above F91S)										
233	11/16	1050 / 1055	SARASUA - FOSTER	2.2	0.42	2.10		0.88		.6	5		FC43
234	11/17	1100 / 1107	"	10.5	3.68	4.11		15.1		.6	6		"
235	11/17	1522 / 1530	"	10.0	3.99	3.71		14.8		.6	8		"
236	11/18	1106 / 1112	"	13.5	5.53	3.58		19.8		.6	7		"
237	11/19	0817 / 0822	"	8.0	1.94	2.62		5.0		.6	7		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SAN DIMAS CREEK above San Dimas Dam (above F 91-S (Cont.)										
238	11/20	1355 / 1400	SARASUA	4.0	1.14	2.54		2.9		.6	7		"
239	11/21	1405 / 1410	"	3.5	0.94	2.77		2.6		.6	6		"
240	11/23	1545 / 1555	SARASUA - UNDERWOOD	20.5	12.8	5.74		73.4		.6	7		"
241	11/30	1050 / 1100	SARASUA	8.0	3.46	4.51		15.6		.6	8		"
242	12/2	1552 / 1600	"	8.0	3.05	4.33		13.2		.6	9		"
243	12/9	1130 / 1140	"	7.5	2.48	3.67		9.1		.6	9		"
244	12/16	1012 / 1017	"	5.0	1.95	3.95		7.7		.6	7		"
245	1/6	1540 / 1550	"	10.5	4.81	4.41		21.2		.6	11		"
246	1/20	1107 / 1115	"	8.0	3.63	3.14		11.4		.6	10		FC64
247	1/27	1325 / 1330	"	5.3	3.51	3.42		12.0		.6	7		FC43
248	1/31	0900 / 0910	"	9.0	2.90	3.38		9.8		.6	9		"
249	2/3	1020 / 1026	"	7.0	2.93	3.48		10.2		.6	8		"
250	2/6	1305 / 1310	SARASUA - THIBODEAU	18.0	8.66	2.55		22.1		.6	8		"
251	2/7	1010 / 1017	THIBODEAU - SARASUA	16.0	7.40	5.17		38.2		.6	9		"
252	2/8	1430 / 1445	SARASUA	9.5	4.53	4.27		19.3		.6	12		"
253	2/10	1532 / 1540	"	5.8	3.44	4.77		16.4		.6	7		"
254	2/17	1035	"	8.0	4.12	2.65		10.9		.6	9		"
255	2/24	1335 / 1347	"	6.5	2.84	3.20		9.1		.6	12		"
256	3/3	1650 / 1700	"	6.7	3.14	2.58		8.1		.6	9		"
257	3/10	1050 / 1102	"	6.0	2.54	2.91		7.4		.6	12		"
258	3/17	1025 / 1033	"	6.0	2.71	2.55		6.9		.6	8		"
259	3/24	1000 / 1007	"	6.0	2.37	2.70		6.4		.6	8		"
260	3/31	0918 / 0930	"	6.5	2.35	2.34		5.5		.6	8		"
261	4/7	0935 / 0940	"	3.8	1.83	2.51		4.6		.6	9		"
262	4/14	1240 / 1246	"	3.7	1.42	2.46		3.5		.6	8		"
263	4/21	1600 / 1605	"	4.3	1.76	2.27		4.0		.6	7		"
264	4/28	1455 / 1500	"	5.0	1.49	1.94		2.9		.6	7		"
265	5/5	0910 / 0917	"	3.9	1.51	2.05		3.1		.6	8		"
266	5/12	1455 / 1501	"	3.4	1.43	1.96		2.8		.6	8		"
267	5/17	1003 / 1010	"	7.5	2.29	1.48		3.4		.6	9		"
268	5/19	1455 / 1500	"	3.5	1.37	1.60		2.2		.6	7		"
269	5/26	1505 / 1510	"	3.5	1.46	1.71		2.5		.6	7		"
270	6/2	1332 / 1340	"	3.3	1.34	1.79		2.4		.6	8		"
271	6/9	1632 / 1640	"	3.3	1.29	1.78		2.3		.6	7		"
272	6/16	1705 / 1710	"	3.6	1.40	1.42		2.0		.6	6		"
273	6/23	1700 / 1705	"	3.5	1.19	1.34		1.6		.6	6		"
274	6/30	1645 / 1650	"	3.0	0.96	1.04		1.0		.6	6		"
275	7/7	1435 / 1440	"	2.9	0.67	0.9		0.58		.6	6		"
276	7/14	1505 / 1510	"	2.3	0.53	1.00		0.53		.6	5		"
277	7/21	1545 / 1550	"	1.7	0.37	0.81		0.32		.6	5		"
278	7/28	1440 / 1445	"	1.7	0.41	0.98		0.40		.6	4		"
279	8/4	1425 / 1430	"	1.5	0.34	0.88		0.32		.6	4		"
280	8/11	1411 / 1415	"	1.7	0.40	0.75		0.33		.6	4		"
281	8/17	1045 / 1051	LUYENDYK	1.7	0.29	0.90		0.26		.6	7		"
282	8/25	1002 / 1007	"	1.7	0.26	0.88		0.23		.6	6		"
283	9/1	1006 / 1014	"	2.0	0.32	1.16		0.37		.6	7		"
284	9/8	1545 / 1550	SARASUA	1.4	0.27	1.26		0.34		.6	4		"
285	9/15	1411 / 1415	"	1.0	0.11	0.91		0.10		.6	4		FC49
286	9/22	1023 / 1029	LUYENDYK	1.8	0.18	0.89		0.16		.6	5		FC43
287	9/29	1002 / 1007	"	2.2	0.29	1.10		0.32		.6	6		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEQ. NO.	G. HT. CHANGE TOTAL	METER NO.
			SAN DIMAS CREEK-OLD WATER TUNNEL below San Dimas Dam										
191	3/17		SARASUA	0.6	0.09	0.33		0.03		.6	3		FC43
			SAN DIMAS CREEK INFLOW TO PUDDINGSTONE DIVERSION at Golf Course										
38	11/23	1410 / 1417	SARASUA - UNDERWOOD	22.0	15.4	4.77		73.6		.6	9		FC43
39	11/28	1020 / 1027	SARASUA	13.0	12.7	4.51		57.2		.6	9		"
40	1/5	1300 / 1315	"	10.5	9.87	2.75		27.1		.6	12		"
41	1/6	1440 / 1450	"	11.5	11.5	2.96		34.1		.6	13		"
42	1/13	1035 / 1047	"	10.9	12.1	2.45		29.6		.6	13		"
43	1/20	1045 / 1055	"	10.5	6.98	2.12		14.8		.6	13		FC54
44	1/27	1515 / 1525	"	10.5	5.48	1.41		7.7		.6	11		FC43
45	2/3	0955 / 1003	"	9.0	4.74	1.35		6.4		.6	11		"
46	2/7	0910 / 0920	SARASUA - THIBODEAU	14.5	6.81	1.65		11.2		.6	12		"
47	2/8	1540 / 1551	SARASUA	10.7	10.2	1.53		15.6		.6	12		"
48	2/10	1337 / 1350	"	15.8	9.76	3.40		33.2		.6	14		"
49	2/16	0900 / 0910	"	10.5	6.14	3.00		18.4		.6	12		"
50	2/17	1210 / 1218	"	11.1	5.11	2.37		12.1		.6	12		"
51	2/24	1530 / 1539	"	10.0	5.76	1.88		10.8		.6	12		"
52	3/3	1625 / 1633	"	6.2	3.62	2.32		8.4		.6	10		"
53	3/4	0815 / 0824	"	6.5	3.86	2.15		8.3		.6	10		"
54	3/10	1225 / 1232	"	7.3	3.70	2.35		8.7		.6	9		"
55	3/17	0920 / 0927	"	7.0	3.41	2.05		7.0		.6	9		"
56	3/24	0810 / 0819	"	7.0	3.69	2.06		7.6		.6	10		"
57	3/31	0815 / 0825	"	7.1	3.65	2.03		7.4		.6	10		"
58	4/7	0800 / 0810	"	7.0	3.41	1.88		6.4		.6	9		"
59	4/7	0825 / 0832	"	5.8	3.24	1.85		6.0		.6	8		"
60	5/12	1402 / 1410	"	4.4	1.91	1.57		3.0		.6	10		"
61	5/17	0930 / 0940	"	4.6	2.15	1.77		3.8		.6	11		"
62	5/19	1428 / 1435	"	4.5	2.28	1.75		4.0		.6	10		"
63	5/26	1440 / 1450	"	4.1	1.94	1.70		3.3		.6	9		"
64	6/2	1310 / 1321	"	4.2	2.03	1.82		3.7		.6	9		"
65	6/9	1612 / 1620	"	4.3	2.26	1.77		4.0		.6	6		"
66	6/16	1650 / 1659	"	4.2	2.10	1.57		3.3		.6	9		"
67	6/23	1640 / 1647	"	3.7	1.84	1.41		2.6		.6	7		"
68	6/30	1625 / 1630	"	4.0	2.01	1.24		2.5		.6	6		"
69	7/7	1405 / 1414	"	4.0	2.45	1.10		2.7		.6	9		"
70	7/14	1440 / 1447	"	3.8	2.19	1.14		2.5		.6	8		"
71	7/21	1515 / 1524	"	3.8	2.07	1.45		3.0		.6	9		"
72	7/28	1348 / 1355	"	3.6	1.47	1.63		2.4		.6	9		"
73	8/4	1410 / 1417	"	3.5	1.21	1.24		1.5		.6	7		"
74	8/11	1330 / 1337	"	3.7	1.35	1.26		1.7		.6	8		"
75	8/17	0953 / 1005	LUYENDYK	4.1	1.59	1.13		1.8		.6	10		"
76	8/25	0935 / 0947	"	3.4	0.89	1.68		1.5		.6	7		"
77	9/1	0937 / 0946	"	3.3	0.90	1.44		1.3		.6	8		"
78	9/8	1520 / 1525	SARASUA	2.6	0.76	1.45		1.1		.6	6		"
79	9/15	1350 / 1355	"	2.7	0.88	1.82		1.6		.6	6		FC49
80	9/22	0927 / 0936	LUYENDYK	3.4	0.94	1.38		1.3		.6	8		FC43
81	9/29	0922 / 0932	"	3.2	0.87	1.27		1.1		.6	8		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEQ. NO.	G. HT. CHANGE TOTAL	METER NO.
			PUDDINGSTONE DIVERSION DISCHARGE to Puddingstone Dam										
63	11/28	1045 / 1050	SARASUA	11.0	6.14	8.82		54.1		.6	7		FC43
			LEMON CREEK at Valley Boulevard										
12	10/7	1038 / 1046	BROOK	3.0	0.76	0.82		0.62		.6	7		FC63
13	10/14	1036 / 1043	"	3.1	0.87	0.86		0.75		.6	7		"
14	10/21	1008 / 1016	"	3.0	0.44	0.45		0.20		.6	7		"
15	10/28	1040 / 1048	"	2.8	0.32	0.28		0.09		.6	7		"
16	11/4	1040 / 1048	"	3.1	0.67	0.64		0.43		.6	7		"
17	11/10	1043 / 1050	"	3.0	0.61	0.57		0.35		.6	7		FC74
18	11/18	1222 / 1227	LUYENDYK - BROOK	5.0	2.85	0.77		2.2		.6	7		FC63
19	1/5	1026 / 1030	BROOK	1.2	0.12	1.00		0.12		.6	5		"
20	1/12	1220 / 1223	"	1.2	0.10	0.70		0.07		.6	5		FC74
21	1/19	1222 / 1226	"	1.0	0.10	0.60		0.06		.6	5		"
22	4/20	1304 / 1314	"	4.0	1.52	1.25		1.9		.6	9		FC63
23	5/11	1110 / 1118	"	3.5	1.23	1.30		1.6		.6	9		FC74
24	5/18	1106 / 1114	"	3.5	1.14	1.14		1.3		.6	9		FC63
25	6/8	1335 / 1348	LUYENDYK	3.3	1.66	1.39		2.3		.6	6		FC51
26	6/15	1042 / 1050	BROOK	3.7	1.78	1.18		2.1		.6	9		FC63
27	6/22	1114 / 1122	"	3.7	1.63	0.98		1.6		.6	9		"
28	6/29	1140 / 1148	"	3.7	1.80	0.89		1.6		.6	9		FC74
29	7/6	1358 / 1411	"	3.8	2.18	0.96		2.1		.6	9		"
30	7/13	1030 / 1038	"	3.8	2.12	0.85		1.8		.6	9		"
31	7/20	1200 / 1209	"	3.6	1.66	0.60		1.0		.6	9		"
32	7/27	1341 / 1350	LUYENDYK	4.0	3.02	1.06		3.2		.6	9		FC64
33	8/3	0942 / 0951	BROOK	4.0	2.51	0.80		2.0		.6	10		FC63
34	8/10	0916 / 0924	"	4.0	2.46	0.65		1.6		.6	9		"
35	8/18	1402 / 1410	"	4.0	2.99	0.80		2.4		.6	9		"
36	8/24	1336 / 1344	"	4.2	2.92	0.68		2.0		.6	10		"
37	9/1	1424 / 1434	"	4.8	3.44	0.73		2.5		.6	10		"
38	9/8	1526 / 1539	LUYENDYK	4.0	3.42	1.14		3.9		.6	9		"
39	9/15	1436 / 1446	BROOK	4.4	2.92	1.03		3.0		.6	10		"
40	9/22	1439 / 1449	"	4.5	3.12	1.12		3.5		.6	10		"
41	9/29	1325 / 1335	"	4.2	3.16	1.05		3.3		.6	10		"
			SAN GABRIEL RIVER above Whittier Narrows Dam										
1	2/1	0910 / 0918	ROY	20.0	4.64	1.55		7.2		.5	8		FC66
2	2/8	1430 / 1436	"	9.0	3.25	1.14		3.7		.5	7		"
3	2/9	1400 / 1405	"	8.0	2.74	0.91		2.5		.5	6		"
4	3/15	0942 / 0948	"	11.0	2.48	1.21		3.0		.5	7		"
5	3/16	0805 / 0808	"	4.0	0.61	0.95		0.58		.5	5		"
6	3/24	0948 / 1008	SINGER - ROY	50.0	46.6	3.01		140.		.6	13		"
7	4/20	1422 / 1426	ROY	4.0	0.53	1.04		0.55		.5	5		"
8	8/10	1425 / 1438	"		CHANNELS			23.4		.5 / .6	14		"
9	8/30	0907 / 0914	BROOK - ROY	29.0	32.6	1.10		35.8		.6	12		FC63
10	9/7	0900 / 0908	ROY - CARPENTER	43.0	66.8	2.26		151.		.6	13		FC66
11	9/14	0900 / 0908	"	43.0	64.4	2.02		130.		.6	13		"
12	9/21	0915 / 0922	"	44.0	72.4	2.27		164.		.6	13		"
13	9/28	0912 / 0921	ROY - SINGER	44.0	75.9	2.12		161.		.6	14		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
			WHITTIER NARROWS RECLAMATION PLANT OUTFLOW 25 Feet below Mouth of Pipeline										
22	11/10	1020 / 1024	ROY - CARPENTER	12.4	14.4	1.82		26.2		.6	7		FC66
23	3/10	1118 / 1126	ROY	10.0	8.13	2.68		21.8		.5 .6	11		"
24	7/8	1105 / 1115	CARPENTER	12.5	8.36	2.84		23.7		.6	9		"
25	8/16	0933 / 0938	ROY	7.5	4.18	1.27		5.3		.5	8		"
			SAN GABRIEL RIVER below Whittier Narrows Dam										
1	8/10	0845 / 0852	ROY	12.0	2.86	1.26		3.6		.5	7		FC66
2	8/10	1456 / 1507	"		CHANNELS			18.5		.5 .6	13		"
3	8/12	0843 / 0855	"		"			6.2		.5	15		"
4	8/30	0938 / 0944	BROOK - ROY	26.0	12.5	1.68		21.0		.5	11		FC63
5	8/31	1053 / 1112	ROY	70.5	47.1	2.17		102.		.5 .6	17		FC66
6	9/1	0840 / 0851	ROY - CARPENTER	71.0	51.2	2.01		103.		.6	17		"
7	9/2	0855 / 0920	ROY	70.0	46.3	2.11		97.5		.6	17		"
8	9/3	0845 / 0904	"	71.0	50.0	1.93		96.4		.5 .6	17		"
9	9/7	0949 / 0958	ROY - CARPENTER	70.0	57.3	1.87		107.		.6	17		"
10	9/12	0855 / 0910	ROY	69.0	59.8	1.76		105.		.6	17		"
11	9/14	0949 / 0957	ROY - CARPENTER	68.0	61.0	1.80		110.		.6	16		"
12	9/21	1000 / 1009	"	62.0	49.6	2.25		111.		.5 .6	16		"
13	9/28	1004 / 1012	ROY - SINGER		CHANNELS			101.		.6	15		"

DISCHARGE MEASUREMENTS OF SAN GABRIEL RIVER DRAINAGE AREA

AT OR NEAR Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 19 67

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
			SAN GABRIEL RIVER-WEST FORK above Bear Creek										
348	10/27	1130 / 1145	DE VORE	6.3	1.52	1.91		2.9		.5 .6	12		FC62
349	1/12	1551 / 1608	"	15.0	9.46	1.11		10.5		.6	14		FC22
350	2/23	1526 / 1545	"		CHANNELS			21.2		.6	15		"
351	3/9	1543 / 1600	"	25.0	18.8	0.88		16.5		.6	13		"
352	3/27	1538 / 1554	SINGER - PERRY	16.0	16.0	1.82		29.1		.6	16		"
353	9/21	1058 / 1120	SINGER	17.1	33.5	1.67		56.0		.6	14		"
			BEAR CREEK above Junction with San Gabriel River-West Fork										
339	10/13	1322 / 1335	SINGER	8.0	3.67	1.04		3.8		.6	8		FC22
340	10/27	1247 / 1303	DE VORE	5.8	4.17	0.82		3.4		.6	13		"
341	11/23	1243 / 1258	"	10.8	5.54	1.35		7.5		.5 .6	12		"
342	1/12	1520 / 1538	"	15.0	8.94	1.88		16.8		.6	14		"
343	2/9	1506 / 1522	"	22.3	14.6	2.37		34.6		.6	13		"
344	2/23	1602 / 1618	"	21.8	11.6	1.93		22.4		.6	13		"
345	3/9	1615 / 1629	"	21.3	10.4	1.65		17.2		.6	12		"
346	3/27	1447 / 1503	SINGER - PERRY	16.5	19.2	2.46		47.2		.6	11		"
347	6/22	1531 / 1543	SINGER - HAIG	11.5	12.0	2.78		33.4		.6	12		"
348	8/25	1334 / 1354	DE VORE	14.8	8.53	1.13		9.6		.6	15		"
349	9/21	1131 / 1144	SINGER	9.5	7.92	0.92		7.3		.6	9		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
			SAN GABRIEL RIVER-WEST FORK below Bear Creek										
2	10/13	1308 / 1318	SINGER	9.5	3.49	1.83		6.4		.5	11		FC22
			SAN GABRIEL RIVER-NORTH FORK above West Fork										
362	10/13	1345 / 1405	SINGER	10.0	5.80	0.96		5.6		.6	12		FC22
363	10/27	1329 / 1346	DE VORE	10.1	5.93	1.03		6.1		.6	13		"
364	11/23	1604 / 1617	"	10.1	5.85	1.33		7.8		.6	10		"
365	1/12	1645	"					15.0		Est.			
366	2/9	1554 / 1612	"	13.2	10.6	2.34		24.8		.6	14		FC22
367	2/23	1639 / 1657	"	12.7	10.4	1.88		19.5		.6	14		"
368	3/9	1648 / 1706	"	12.2	9.83	1.83		18.0		.6	14		"
369	3/27	1402 / 1417	SINGER - PERRY	11.3	11.3	2.82		31.9		.6	14		"
370	4/27	1359 / 1413	DE VORE	20.4	17.7	4.16		73.7		.6	12		"
371	5/18	1521 / 1544	"	21.4	17.5	3.21		56.2		.6	17		"
372	8/22	1524 / 1542	"	13.0	8.48	1.86		15.8		.6	14		"
373	9/14	1511 / 1523	SINGER	9.5	5.18	1.88		9.8		.6	9		"
			SAN GABRIEL RIVER-CATTLE CANYON above East Fork										
251	10/20	1352 / 1405	DE VORE	5.6	2.16	1.02		2.2		.6	11		FC22
252	12/1	1455 / 1509	"	6.5	2.91	1.03		3.0		.6	12		"
253	1/19	0901 / 0913	"	10.3	5.96	2.35		14.0		.6	10		"
254	3/2	0905 / 0921	"	13.5	8.40	2.14		18.0		.6	13		"
255	5/11	1554 / 1613	DE VORE - LINDSAY	17.0	17.6	3.86		67.9		.6	17		"
256	5/25	1441 / 1505	DE VORE	19.6	16.5	3.02		49.8		.6	18		"
257	6/6	1059 / 1126	"	19.8	15.1	2.32		35.0		.6	20		"
258	8/22	1405 / 1425	"	17.3	11.5	0.67		7.7		.6	16		"
259	9/14	1425 / 1434	SINGER	7.1	2.97	1.89		5.6		.6	9		"
260	9/26	1517 / 1535	DE VORE	14.2	6.25	0.96		6.0		.6	13		"
			SAN GABRIEL RIVER below Metropolitan Water District Aqueduct										
164	10/6	0825 / 0829	BROOK	1.2	0.12	0.83		0.10		.6	6		FC74
165	10/13	0817 / 0827	"		CHANNELS			0.56		.6	10		"
166	10/20	0823 / 0832	"		"			0.52		.6	10		"
167	10/27	0812 / 0814	"		"			0.40		.6	10		"
168	11/3	0808 / 0817	"		"			0.37		.6	10		"
169	11/10	0939 / 0944	"	2.0	0.27	1.08		0.29		.6	6		"
170	11/17	0807 / 0812	CARPENTER - BROOK	1.2	0.11	0.91		0.10		.6	5		"
171	11/23	0814 / 0822	BROOK		CHANNELS			0.26		.6	10		"
172	12/21	1303 / 1315	"	34.2	4.01	0.85		3.4		.5	11		"
173	12/29	1455 / 1508	"	36.8	6.25	1.33		8.3		.6	11		"
174	8/10	1258 / 1310	"	22.0	1.60	0.51		0.82		.6	12		"
175	8/17	1218 / 1228	"	17.0	1.00	0.48		0.48		.5	10		"
176	8/24	1212 / 1222	"	18.0	0.90	0.49		0.44		.5	10		"
177	8/31	1245 / 1255	"	19.0	1.16	0.56		0.65		.6	11		"
178	9/7	1250 / 1300	"	19.0	1.26	0.51		0.64		.6	11		"
179	9/21	1316 / 1326	"	18.0	0.88	0.44		0.39		.6	10		"
180	9/28	1327 / 1337	"	18.0	0.70	0.46		0.32		.6	10		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			COMMITTEE OF NINE TUNNEL at Highway Bridge near Canyon Inn										
78	12/4	0820 / 0831	CARPENTER - BROOK	3.6	1.99	1.00		2.0		.6	9		FC63
79	12/8	1427 / 1433	BROOK - CARPENTER	9.4	7.45	1.34		10.0		.6	10		"
80	12/13	0902 / 0909	"	10.4	9.48	1.42		13.4		.6	10		"
81	12/17	1038 / 1044	"	10.8	12.6	1.52		19.2		.6	12		"
82	1/5	1452 / 1500	BROOK	9.0	6.89	1.41		9.7		.6	10		"
83	1/11	1430 / 1440	"	10.2	8.89	1.33		11.8		.6	10		"
84	1/12	0919 / 0928	"	10.2	8.81	1.36		12.0		.6	10		"
85	1/13	1318 / 1328	LUYENDYK - CARPENTER	10.0	9.13	1.36		12.4		.6	10		"
86	1/16	0954 / 1004	BROOK	10.4	9.77	1.34		13.1		.6	11		"
87	1/19	0933 / 0941	BROOK - WHISLER	10.4	8.56	1.79		15.3		.6	10		"
88	1/24	0944 / 0951	BROOK - CARPENTER	10.4	10.2	1.63		16.6		.6	10		"
89	1/25	1556 / 1603	"	10.6	11.5	2.07		23.7		.6	11		"
90	1/30	1144 / 1159	LUYENDYK - BROOK	11.0	10.9	1.70		18.5		.6	14		"
91	2/2	1259 / 1309	BROOK - CARPENTER	10.6	10.6	1.50		15.9		.6	11		"
92	2/7	0812 / 0820	BROOK	9.8	8.91	1.31		11.7		.6	10		"
93	2/9	0911 / 0922	"	10.0	8.62	1.28		11.0		.6	11		"
94	2/16	1342 / 1353	"	10.0	9.01	1.28		11.5		.6	10		"
95	2/23	1344 / 1355	"	10.0	9.12	1.12		10.2		.6	11		"
96	2/28	1608 / 1616	"	9.0	7.66	1.12		8.6		.6	10		"
97	3/2	1442 / 1450	"	9.0	7.29	1.23		9.0		.6	10		"
98	3/9	1318 / 1326	"	10.0	8.77	1.15		10.1		.6	10		"
99	3/23	1435 / 1444	"	10.0	9.31	1.25		11.6		.6	11		"
100	3/14	1216 / 1227	"	10.0	10.3	1.26		13.0		.6	11		"
101	3/16	1218 / 1228	"	10.4	11.0	1.23		13.5		.6	11		"
102	3/21	1045 / 1057	CARPENTER - BROOK	11.0	12.1	1.46		17.7		.6	11		"
103	3/25	0859 / 0910	"	11.0	13.8	1.52		21.0		.6	12		"
104	3/30	1005 / 1016	BROOK	11.0	10.3	1.23		12.7		.6	11		"
105	4/6	1147 / 1157	"	11.0	10.4	1.19		12.4		.6	11		"
106	4/10	1145 / 1155	CARPENTER	10.4	9.49	1.41		13.4		.6	9		FC47
107	4/13	1253 / 1301	BROOK	10.6	10.1	1.18		11.9		.6	11		FC63
108	4/20	1340 / 1347	"	11.0	10.7	1.27		13.6		.6	11		"
109	4/27	1314 / 1329	CARPENTER - BROOK	10.5	10.9	1.44		15.7		.6	10		"
110	5/4	1210 / 1220	BROOK	10.0	10.7	1.33		14.2		.6	10		"
111	5/18	1142 / 1150	"	11.0	11.9	1.15		13.7		.6	10		"
112	5/25	1118 / 1128	CARPENTER	11.0	11.8	1.19		14.0		.6	11		"
113	6/1	1042 / 1052	BROOK	11.0	11.8	1.19		14.0		.6	10		"
114	6/8	1147 / 1154	BROOK - WOOD	11.6	12.3	1.17		14.4		.6	10		"
115	6/13	1041 / 1050	CARPENTER - BROOK	11.0	11.2	1.22		13.6		.6	11		"
116	6/15	1156 / 1204	BROOK	11.0	11.3	1.18		13.3		.6	11		"
117	6/22	1142 / 1152	"	10.0	10.2	1.15		11.7		.6	10		"
118	6/29	1110 / 1119	"	10.0	10.1	1.12		11.3		.6	11		"
119	7/6	1108 / 1116	"	10.0	9.96	1.04		10.4		.6	11		"
120	7/13	1114 / 1124	"	9.0	9.55	1.22		11.6		.6	10		"
121	7/20	1144 / 1154	"	10.0	10.2	1.17		11.9		.6	11		"
122	7/27	0950 / 0958	CARPENTER	10.0	9.65	1.17		11.3		.6	9		"
123	8/3	1136 / 1148	BROOK	10.0	9.69	1.14		11.0		.6	10		"
124	9/14	1333 / 1344	CARPENTER	7.0	3.21	2.11		0.68		.6	10		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SAN GABRIEL RIVER below San Gabriel-Azusa Tunnel Diversion										
28	1/5	1522 / 1540	BROOK CHANNELS					8.8		.6	20		FC63
			ROGERS CREEK at Mouth of Canyon										
32	12/4	0900 / 0913	CARPENTER - BROOK	12.5	3.93	4.11		16.1		.6	11		FC63
33	12/8	1443 / 1450	BROOK - CARPENTER	31.0	14.0	4.95		69.4		.6	11		"
34	12/9	1041 / 1106	CARPENTER - BROOK	20.2	10.1	4.52		45.6		.6	19		"
35	12/13	1541 / 1546	BROOK - CARPENTER	9.6	7.73	2.72		21.0		.6	11		"
36	12/14	1357 / 1411	CARPENTER - BROOK	11.0	6.12	2.71		16.6		.6	12		"
37	12/21	1338 / 1346	BROOK	7.6	5.13	2.12		10.9		.6	9		"
38	12/29	1336 / 1343	"	6.6	3.53	1.81		6.4		.6	8		"
39	1/5	1507 / 1514	"	6.2	3.02	1.46		4.4		.6	8		"
40	1/12	0936 / 0944	"	5.8	2.87	1.50		4.3		.6	9		"
41	1/19	0913 / 0919	BROOK - WHISLER	6.2	2.84	1.13		3.2		.6	8		"
42	1/26	1532 / 1540	BROOK	14.0	12.2	4.46		54.4		.6	8		"
43	1/30	1232 / 1248	LUYENDYK - BROOK	9.9	8.26	3.03		25.0		.6	13		"
44	2/2	1240 / 1252	BROOK - CARPENTER	8.8	7.30	2.82		20.6		.6	12		"
45	2/7	0838 / 0848	BROOK	8.8	6.77	2.26		15.3		.6	10		"
46	2/9	0843 / 0853	"	9.2	8.24	1.61		13.3		.6	11		"
47	2/16	1406 / 1416	"	8.0	4.86	2.17		10.5		.6	10		"
48	2/23	1358 / 1408	"	7.8	4.31	1.83		7.9		.6	11		"
49	3/2	1425 / 1435	"	8.2	4.20	1.64		6.9		.6	12		"
50	3/9	1338 / 1347	"	8.2	3.60	1.56		5.6		.6	10		"
51	3/16	1152 / 1204	"	12.6	10.8	1.83		19.7		.6	14		"
52	3/21	1016 / 1028	CARPENTER - BROOK	8.5	4.81	2.26		10.9		.6	11		"
53	3/23	0915 / 0925	"	8.8	4.98	2.25		11.2		.6	11		"
54	3/30	0935 / 0942	BROOK	8.8	5.39	1.69		9.1		.6	11		"
55	4/5	1306 / 1316	"	9.2	6.40	1.73		11.1		.6	11		"
56	4/13	1228 / 1238	"	9.4	5.90	2.64		15.6		.6	11		"
57	4/20	1315 / 1325	"	9.6	6.59	2.75		18.1		.6	11		"
58	4/27	1337 / 1350	CARPENTER - BROOK	10.3	7.78	3.34		26.0		.6	13		"
59	5/4	1230 / 1242	BROOK	10.4	7.46	2.57		19.2		.6	12		"
60	5/11	1048 / 1058	"	9.8	6.57	2.08		13.7		.6	11		"
61	5/18	1121 / 1130	"	10.0	5.61	1.78		10.0		.6	11		"
62	5/25	1046 / 1058	CARPENTER	8.5	4.55	1.84		8.4		.6	11		"
63	6/1	1110 / 1120	BROOK	9.6	5.13	1.68		8.6		.6	11		"
64	6/8	1125 / 1133	BROOK - WOOD	9.2	4.47	1.54		6.9		.6	11		"
65	6/13	1023 / 1032	CARPENTER - BROOK	7.7	3.83	1.62		6.2		.6	10		"
66	6/15	1132 / 1144	BROOK	7.8	3.83	1.52		5.8		.6	11		"
67	6/22	1115 / 1124	"	8.0	3.69	1.22		4.5		.6	11		"
68	6/29	1050 / 1059	"	6.8	2.73	1.36		3.7		.6	10		"
69	7/6	1046 / 1056	"	5.8	2.20	1.50		3.3		.6	10		"
70	7/13	1052 / 1102	"	5.6	1.89	1.27		2.4		.6	10		"
71	7/20	1118 / 1128	"	6.0	2.05	0.98		2.0		.6	11		"
72	7/27	1011 / 1018	CARPENTER	4.0	0.97	1.24		1.2		.6	8		FC47
73	8/3	1108 / 1118	BROOK	5.0	2.15	0.79		1.7		.6	10		FC63
74	8/10	1227 / 1235	"	4.6	1.39	0.94		1.3		.6	9		"
75	8/17	1152 / 1200	"	4.8	1.35	0.74		1.0		.6	9		"
76	8/24	1146 / 1154	"	4.6	0.89	0.88		0.78		.6	9		FC74

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			ROGERS CREEK at Mouth of Canyon (Cont.)										
77	8/31	1222 / 1229	BROOK	2.6	0.50	1.10		0.55		.6	7		FC74
78	9/7	1230 / 1238	"	2.8	0.60	1.22		0.73		.6	8		"
79	9/14	1320 / 1325	CARPENTER	2.8	0.55	1.18		0.65		.5	7		"
80	9/21	1250 / 1258	BROOK	3.0	0.62	1.07		0.66		.6	7		"
81	9/28	1302 / 1310	"	3.0	0.65	1.11		0.72		.6	8		"
			FISH CREEK at Mouth of Canyon										
27	1/26	1350 / 1358	BROOK	18.0	1.36	3.53		48.0		.6	10		FC63
			FISH CREEK above Junction with San Gabriel River										
14	12/4	1007 / 1013	BROOK - CARPENTER	9.2	2.91	2.65		7.7		.6	11		FC63
15	12/8	1138 / 1147	"	21.0	13.6	3.20		43.5		.6	11		"
16	12/9	0900 / 0916	CARPENTER - BROOK	21.1	10.1	2.50		25.3		.6	14		"
17	12/13	1607 / 1612	BROOK - CARPENTER	8.2	3.13	1.66		5.2		.6	11		"
18	12/14	1254 / 1308	CARPENTER - BROOK	8.1	2.90	1.76		5.1		.6	10		"
19	12/21	1144 / 1154	BROOK	CHANNELS				2.0		.6	12		"
20	12/29	0925 / 0932	"	4.0	1.16	1.47		1.7		.6	8		"
21	1/19	1436 / 1442	BROOK - WHISLER	4.1	0.90	1.33		1.2		.6	9		"
22	1/30	1427 / 1440	LUYENDYK - BROOK	15.7	6.61	2.38		15.7		.6	13		"
23	2/2	1042 / 1052	BROOK - CARPENTER	7.8	4.87	2.51		12.2		.6	12		"
24	2/7	1316 / 1324	BROOK	7.6	4.56	1.71		7.8		.6	10		"
25	2/9	1420 / 1429	"	7.8	4.56	1.58		7.2		.6	10		"
26	2/16	1000 / 1012	"	7.8	4.15	1.40		5.8		.6	12		"
27	2/23	1120 / 1128	"	7.6	3.67	1.17		4.3		.6	12		"
28	3/2	1001 / 1013	"	7.4	3.14	1.08		3.4		.6	11		"
29	3/9	1002 / 1010	"	6.0	1.88	1.49		2.8		.6	9		"
30	3/16	0830 / 0842	"	8.0	4.70	3.34		15.7		.6	12		"
31	3/21	0805 / 0820	CARPENTER - BROOK	7.4	4.01	2.12		8.5		.6	14		"
32	3/23	1115 / 1126	"	7.4	4.26	1.64		7.0		.6	10		"
33	3/30	1410 / 1419	BROOK	7.4	3.46	1.24		4.3		.6	9		"
34	4/5	1102 / 1113	"	8.2	5.00	2.04		10.2		.6	11		"
35	4/13	0844 / 0855	"	8.4	5.46	2.46		13.4		.6	12		"
36	4/20	0855 / 0904	"	8.4	7.51	2.89		21.7		.6	10		"
37	4/27	0834 / 0848	CARPENTER	15.0	8.50	2.62		22.3		.6	14		"
38	5/4	1034 / 1044	BROOK	8.4	7.65	2.32		17.8		.6	10		"
39	5/11	0820 / 0833	"	7.6	5.85	1.52		8.9		.6	12		"
40	5/18	0830 / 0841	"	7.8	4.87	1.01		4.9		.6	10		"
41	5/25	0831 / 0840	CARPENTER	7.6	2.60	1.23		3.2		.6	9		"
42	6/1	0838 / 0854	BROOK	15.0	5.48	1.51		8.3		.6	16		"
43	6/8	0854 / 0903	BROOK - WOOD	14.2	4.10	1.12		4.6		.6	10		"
44	6/13	0823 / 0833	CARPENTER - BROOK	8.8	3.70	1.14		4.2		.6	10		"
45	6/15	0850 / 0900	BROOK	8.2	3.90	1.31		5.1		.6	12		"
46	6/22	0847 / 0858	"	8.2	3.12	1.51		4.7		.6	12		"
47	6/29	0845 / 0856	"	7.8	3.15	1.40		4.4		.6	12		"
48	7/6	0856 / 0904	"	7.2	2.53	1.11		2.8		.6	10		"
49	7/13	0850 / 0900	"	5.8	1.70	1.30		2.2		.6	10		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			FISH CREEK above Junction with San Gabriel River (Cont.)										
50	7/20	0920 / 0930	BROOK	5.8	1.67	0.96		1.6		.6	11		FC63
51	7/27	1305 / 1310	CARPENTER	6.0	1.01	1.09		1.1		.5	6		FC47
52	8/3	0930 / 0933	BROOK	1.6	0.20	0.90		0.18		.6	5		FC63
53	9/28	1530 / 1538	"	4.6	0.93	1.06		0.99		.6	8		"
			DUARTE PIPELINE RETURN TO SAN GABRIEL RIVER East Side										
	10/6	0848	BROOK					0		Est.			
	10/13	0915	"					0.6		"			
	10/20	0850	"					0.8		"			
	10/27	0845	"					0.8		"			
	11/3	0900	"					1.6		"			
	11/10	0955	"					0		"			
	11/17	0850	"					12.5		"			
	11/23	0900	"					12.5		"			
	12/1	0915	"					12.5		"			
	12/16	1210	"					20.0		"			
	12/21	1415	"					20.0		"			
	12/29	1610	"					20.0		"			
	1/5	1530	"					18.0		"			
	1/11	1500	"					19.0		"			
	1/12	0955	"					16.0		"			
	1/19	0820	BROOK - WHISLER					15.0		"			
	1/19	0820	BROOK					15.0		"			
	1/26	1620	"					18.0		"			
	1/30	1150	"					18.0		"			
	2/2	1140	"					17.0		"			
	2/7	1050	"					17.0		"			
	2/9	1235	"					17.0		"			
	2/16	1450	"					16.0		"			
			LITTLE DALTON DEBRIS BASIN Leakage 30 Inches below Toe										
6	12/8	1609 / 1612	BROOK - CARPENTER	1.2	0.18	0.56		0.10		.5	5		FC63
7	12/9	1737 / 1742	CARPENTER - BROOK	1.1	0.14	0.36		0.05		.5	5		"
			BIG DALTON-KERIL CREEK at Mouth										
2	2/1	0930 / 0935	BROOK	2.7	0.80	0.78		0.62		.6	6		FC63
			SAN DIMAS CREEK above San Dimas Dam										
288	10/6	1525 / 1530	SARASUA	1.4	0.30	1.67		0.50		.6	5		FC94
289	10/13	1625 / 1630	"	2.3	0.44	2.07		0.91		.6	6		"
290	10/20	0937 / 0941	LUYENDYK	2.2	0.50	1.26		0.63		.6	8		FC51
291	10/20	1019 / 1024	"	1.8	0.25	1.36		0.34		.6	7		"
292	11/9	0855 / 0902	SARASUA	3.0	0.83	2.05		1.7		.6	7		FC54
293	12/5	0932 / 0937	SARASUA - FREITAS	7.0	4.43	2.48		11.1		.6	9		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SAN DIMAS CREEK above San Dimas Dam (Cont.)										
294	12/5	1420 1432	SARASUA - FREITAS	16.5	12.9	3.67		47.4		.6	11		FC54
295	12/15	1135 1150	SARASUA	7.0	3.68	3.64		13.4		.6	15		"
296	12/22	1452 1500	"	8.5	2.91	3.68		10.7		.6	10		"
297	12/29	1350 1355	"	8.5	3.99	2.16		8.6		.6	8		"
298	1/6	1030 1040	"	8.0	3.58	2.07		7.4		.6	10		"
299	1/12	1620 1625	"	6.0	2.35	3.19		7.5		.6	7		"
300	1/18	1355 1405	"	5.8	2.49	2.57		6.4		.6	12		"
301	1/26	1402 1410	"	16.5	8.88	5.26		46.7		.6	10		"
302	2/2	1025 1035	"	11.0	5.14	3.52		18.1		.6	12		"
303	2/7	0940 0951	"	7.2	3.95	4.12		16.3		.6	13		"
304	2/8	1100 1110	"	8.5	4.72	3.64		17.2		.6	10		"
305	2/15	1450 1457	"	8.1	4.64	2.72		12.6		.6	10		"
306	2/23	1705 1708	"	7.0	3.87	2.64		10.2		.6	9		"
307	3/2	1442 1450	"	8.2	4.24	2.24		9.5		.6	10		"
308	3/9	1500 1506	"	6.6	3.54	3.11		11.0		.6	8		"
309	3/12	1430 1440	"	10.0	6.80	3.60		24.5		.6	9		"
310	3/16	1550 1600	"	8.5	5.14	4.00		20.6		.6	10		"
311	3/23	1504 1512	"	7.5	4.92	3.25		16.0		.6	9		"
312	3/30	1520 1532	"	5.4	4.29	3.03		13.0		.6	10		"
313	4/6	1025 1032	"	8.0	4.55	3.96		18.0		.6	9		"
314	4/11	1337 1344	"	15.0	7.56	4.13		31.2		.6	10		"
315	4/13	1525 1535	"	12.5	6.49	3.63		23.5		.6	12		"
316	4/19	1320 1330	"	15.0	8.8	4.31		37.9		.6	10		"
317	4/25	1507 1520	"	14.0	10.0	5.07		50.7		.6	15		"
318	4/26	0917 0930	"	15.5	10.1	5.24		52.9		.6	17		"
319	4/27	1200 1212	"	19.0	10.2	4.61		47.0		.6	11		"
320	4/28	1540 1550	"	11.5	8.86	4.97		43.9		.6	12		FC43
321	5/11	1540 1547	"	8.3	6.86	3.60		24.7		.6	10		FC54
322	7/12	1011 1019	"	7.4	3.52	2.84		10.0		.6	10		"
323	7/25	0830 0842	"	6.7	2.77	2.53		7.0		.6	14		"
324	7/25	0915 0932	"	7.1	3.03	2.57		7.8		.6	15		"
			LODI CREEK at San Dimas Creek										
1	12/5	1342 1348	SARASUA - FREITAS	10.0	3.89	4.76		18.5		.6	10		FC54
2	12/10	1040 1045	SARASUA	4.0	2.00	1.80		3.6		.6	6		FC43
3	1/26	1530 1535	"	5.5	1.95	2.36		4.6		.6	7		FC54
4	2/2	1200 1205	"	3.2	0.94	1.70		1.6		.6	6		"
5	2/7	1058 1102	"	3.0	0.96	1.14		1.1		.6	7		"
6	2/8	1130 1135	"	1.8	0.69	1.60		1.1		.6	5		"
7	2/15	1545 1550	"	2.1	0.52	1.11		0.58		.6	5		"
8	2/16	0915 0918	"	2.1	0.60	1.25		0.75		.6	5		"
9	3/14	1355 1400	SARASUA - FREITAS	2.1	0.80	2.25		1.8		.6	5		"
10	3/16	1455 1500	SARASUA	1.7	0.52	2.12		1.1		.6	5		"
11	3/20	1612 1615	"	1.5	0.49	1.35		0.66		.6	4		"
12	3/23	1610 1615	"	2.0	0.54	1.09		0.59		.6	5		"
13	3/30	1606 1610	"	1.2	0.37	1.43		0.53		.6	4		"
14	4/6	1218 1220	"	1.7	0.55	1.82		1.0		.6	4		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			LODI CREEK at San Dimas Creek (Cont.)										
15	4/13	1611 1614	SARASUA	2.2	0.73	1.34		0.98		.6	5		FC54
16	4/19	1437 1443	"	3.0	1.88	1.22		2.3		.6	7		"
17	4/25	1611 1620	"	5.0	1.81	1.98		3.6		.6	8		"
18	4/28	1450 1510	"	2.8	0.95	2.00		1.9		.6	6		FC43
19	4/29	1258 1305	"	4.5	1.52	1.65		2.5		.6	10		"
20	5/4	1719 1723	"	2.7	1.03	1.26		1.3		.6	6		FC54
21	5/9	1550 1555	"	2.6	0.92	1.09		1.0		.6	6		"
22	5/11	1611 1615	"	2.0	0.71	1.13		0.79		.6	5		"
23	5/22	1100 1109	"	1.6	0.71	0.84		0.59		.6	6		"
			SAN DIMAS CREEK below Lodi Creek										
1	12/15	1055 1105	SARASUA - MC CARTY	19.5	10.8	1.95		21.1		.6	15		FC54
2	12/22	1430 1445	SARASUA	17.2	8.07	1.49		12.0		.6	14		"
3	12/29	1325 1336	"	16.5	7.95	1.36		10.8		.6	9		"
			HAMM CANYON CREEK above Puddingstone Diversion Dam										
1	12/5	0922 0930	SARASUA - FREITAS	8.5	3.85	2.73		10.5		.6	9		FC54
2	12/5	1430 1435	"	15.0	7.92	4.77		37.8		.6	8		"
			SAN DIMAS CREEK-INFLOW TO PUDDINGSTONE DIVERSION at Golf Course										
82	10/6	1505 1510	SARASUA	2.5	0.74	1.76		1.3		.6	6		FC49
83	10/13	1604 1615	"	2.6	0.71	1.55		1.1		.6	7		"
84	10/20	0858 0903	LUYENDYK	3.0	1.00	2.00		2.0		.6	7		FC51
85	10/27	1645 1650	SARASUA	3.0	0.87	1.15		1.0		.6	6		FC54
86	11/3	1451 1455	"	3.5	0.92	1.19		1.1		.6	5		FC49
87	11/8	1630 1642	"	7.0	5.16	3.13		16.1		.6	10		FC54
88	11/9	0830 0842	"	7.2	4.74	2.05		9.7		.6	9		"
89	12/15	1020 1033	"	8.5	5.62	3.18		17.9		.6	18		"
90	12/22	1320 1330	"	9.2	3.55	2.25		8.0		.6	12		"
91	12/22	1405 1414	"	8.1	4.20	2.73		11.5		.6	10		"
92	12/29	1255 1310	"	7.1	3.51	2.25		7.9		.6	14		"
93	1/6	1000 1015	"	6.8	3.17	2.08		6.6		.6	14		"
94	1/12	1600 1605	"	6.3	2.65	1.89		5.0		.6	8		"
95	1/18	1317 1330	"	6.3	2.78	2.23		6.2		.6	14		"
96	1/23	1555 1602	"	6.8	3.10	2.45		7.6		.6	10		"
97	1/26	1105 1117	"	22.0	15.4	3.67		56.5		.6	15		"
98	2/2	0945 0955	"	19.0	17.0	2.90		49.5		.6	13		"
99	2/7	1210 1225	"	14.5	9.25	2.10		19.5		.6	16		"
100	2/8	1030 1045	"	13.8	8.45	1.87		15.8		.6	14		"
101	2/15	1345 1355	"	10.5	6.36	2.47		16.7		.6	12		"
102	2/23	1625 1635	"	8.5	4.40	2.09		9.2		.6	10		"
103	3/2	1405 1415	"	5.5	3.60	2.00		7.2		.6	12		"
104	3/16	1410 1420	"	5.3	2.99	1.84		5.5		.6	12		"
105	3/23	1440 1452	"	10.2	9.60	3.03		29.0		.6	13		"
106	3/30	1500 1510	"	9.0	5.12	2.05		10.5		.6	11		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
			SAN DIMAS CREEK-INFLOW TO PUDDINGSTONE DIVERSION at Golf Course (Cont.)										
107	4/4	0817 / 0830	SARASUA	8.7	5.14	2.08		10.9		.6	15		FC54
108	4/6	1004 / 1013	"	8.9	5.28	2.18		11.5		.6	10		"
109	4/13	1500 / 1510	"	9.0	5.61	2.14		12.0		.6	11		"
110	4/20	1455 / 1507	"	14.5	15.8	3.50		55.2		.6	15		"
111	4/25	1440 / 1455	"	16.0	9.77	1.70		16.6		.6	14		"
112	4/26	0845 / 0855	"	10.5	8.16	1.75		14.3		.6	12		"
113	4/27	1117 / 1135	"	20.2	17.9	2.61		46.7		.6	20		"
114	5/3	1640 / 1655	"	17.5	13.9	2.10		29.2		.6	9		FC43
115	5/9	1430 / 1445	"	17.0	11.8	1.70		20.1		.6	17		FC54
116	5/10	1427 / 1445	"	17.5	15.4	2.63		40.5		.6	19		"
117	5/11	1510 / 1530	"	16.7	15.4	2.52		38.8		.6	18		"
118	5/15	0955 / 1020	"	17.0	16.5	2.90		47.9		.6	18		"
119	5/15	1754 / 1820	"	18.0	13.5	2.25		30.4		.6	19		"
120	5/17	1215 / 1235	"	17.3	15.6	2.75		42.9		.6	19		"
121	5/19	1444 / 1459	"	17.0	13.6	2.24		30.5		.6	18		"
122	5/22	1410 / 1425	SARASUA - MILLS	17.1	15.7	2.66		41.9		.6	19		"
123	5/23	1355 / 1423	SARASUA	17.1	13.2	2.18		28.8		.6	19		"
124	5/25	0910 / 0922	"	16.9	9.91	1.92		19.1		.6	17		"
125	6/1	1017 / 1038	LUYENDYK	16.8	14.3	1.32		18.9		.6	18		"
126	6/8	1116 / 1137	"	16.2	10.8	1.20		13.0		.6	18		"
127	6/12	0814 / 0825	"	11.2	5.78	1.94		11.2		.6	12		"
128	6/15	1425 / 1439	"	14.0	8.39	1.39		11.6		.6	15		"
129	7/5	1055 / 1109	"	16.8	14.1	2.56		36.1		.6	19		"
130	7/6	1435 / 1452	"	16.9	14.8	2.60		38.4		.6	14		"
131	7/7	1311 / 1330	"	17.0	14.9	2.52		37.5		.6	19		"
132	7/7	1645 / 1702	"	16.2	11.7	1.89		22.1		.6	17		"
133	7/10	1015 / 1033	"	16.2	12.0	2.02		24.2		.6	18		"
134	7/12	0945 / 1004	"	15.9	11.8	2.00		23.6		.6	18		"
135	7/18	1612 / 1631	"	15.8	11.6	2.03		23.5		.6	18		"
136	7/26	1334 / 1352	"	16.3	11.4	1.96		22.3		.6	17		"
137	7/28	1500 / 1514	"	15.2	12.6	2.27		28.5		.6	16		"
138	9/29	1524 / 1533	"	6.0	3.34	1.86		6.2		.6	11		"
			SAN DIMAS WASH below Puddingstone Diversion Spillway										
96	2/2	0805 / 0810	SARASUA	1.5	0.36	1.11		0.43		.6	4		FC54
97	2/8	1005 / 1010	"	1.9	0.48	0.85		0.41		.6	5		"
98	3/30	1419 / 1422	"	1.9	0.48	0.90		0.44		.6	5		"
99	4/6	0915 / 0920	"	1.6	0.36	1.00		0.36		.6	5		"
100	4/13	1441 / 1445	"	1.7	0.41	1.24		0.51		.6	5		"
101	4/20	1421 / 1425	"	1.6	0.37	1.13		0.42		.6	4		"
102	4/25	1400 / 1403	"	1.7	0.42	1.09		0.46		.6	4		"
103	5/16	0725 / 0730	"	9.5	8.83	2.76		24.4		.6	11		"
104	5/17	0755 / 0807	"	11.0	9.44	2.93		27.6		.6	12		"
105	5/17	1245 / 1255	"	11.0	11.8	3.73		44.1		.6	11		"
106	5/18	0830 / 0842	"	14.0	12.8	3.57		45.6		.6	13		"
107	5/19	1500 / 1510	"	10.0	8.57	3.58		30.7		.6	12		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	S. HT. CHANGE TOTAL	METER NO.
			SAN DIMAS WASH below Puddingstone Diversion Spillway (Cont.)										
108	5/22	0815 / 0828	SARASUA	10.5	8.52	3.43		29.2		.6	12		FC54
109	5/22	1430 / 1441	"	10.5	11.0	3.59		39.6		.6	12		"
110	5/23	1518 / 1529	"	9.8	6.45	3.19		20.5		.6	12		"
111	5/24	0754 / 0805	"	9.8	6.33	2.95		18.7		.6	12		"
112	5/24	1615 / 1625	"	9.0	5.15	2.35		12.1		.6	11		"
113	5/25	0925 / 0932	"	8.6	4.35	1.98		8.6		.6	10		"
114	5/25	1550 / 1605	"	10.1	6.25	2.51		15.7		.6	12		"
115	6/1	1101 / 1119	LUYENDYK	10.3	6.36	2.52		16.0		.6	14		"
116	6/1	1610 / 1625	"	10.1	5.76	2.56		14.7		.6	13		"
117	6/6	1352 / 1410	"	10.9	7.30	2.07		15.1		.6	14		"
118	6/8	1211 / 1226	"	10.8	6.58	1.98		13.0		.6	13		"
119	6/12	0906 / 0917	SARASUA	9.1	4.09	2.32		9.5		.6	11		"
120	6/19	0830 / 0843	"	8.0	3.74	2.54		9.5		.6	9		"
121	6/22	1655 / 1701	"	8.0	2.99	0.60		1.8		.6	6		"
122	6/26	0930 / 0935	"	1.8	0.64	1.00		0.64		.6	5		"
123	6/27	0850 / 0854	"	2.0	0.49	1.63		0.80		.6	5		"
124	6/29	1538 / 1542	"	1.8	0.61	1.64		1.0		.6	5		"
125	7/5	1408 / 1410	"	1.4	0.34	0.91		0.31		.6	4		"
126	7/7	1333 / 1354	"	10.5	6.51	3.45		22.4		.6	12		"
127	7/7	1632 / 1644	"	10.3	6.52	1.96		12.8		.6	12		"
128	7/10	1000 / 1012	"	9.9	6.02	1.78		10.7		.6	12		"
129	7/12	0904 / 0915	"	10.3	5.93	1.76		10.4		.6	12		"
130	7/18	1547 / 1555	"	8.4	4.48	1.85		8.3		.6	10		"
131	7/19	0852 / 0900	"	9.0	6.22	2.67		16.5		.6	11		"
132	7/26	1318 / 1329	"	9.2	5.56	2.79		15.5		.6	11		"
133	7/28	1415 / 1425	"	10.3	6.48	2.16		14.0		.6	11		"
134	8/2	1000 / 1003	"	2.4	0.77	1.82		1.4		.6	5		"
135	8/3	1653 / 1701	"	2.4	0.72	1.53		1.1		.6	6		"
136	8/9	1530 / 1535	"	2.2	0.58	0.90		0.52		.6	5		"
			PUDDINGSTONE DIVERSION DISCHARGE to Puddingstone Dam										
64	12/5	0845 / 0847	SARASUA - FREITAS	11.5	5.07	7.25		36.7		.6	6		FC54
65	1/26	1025 / 1035	SARASUA	12.0	5.37	9.96		53.5		.6	5		"
66	2/2	0850 / 0900	"	11.5	5.55	8.48		47.0		.6	9		"
			SAN JOSE CREEK at Workman Mill Road										
43	10/26	0920 / 0924	ROY	2.5	0.50	1.08		0.54		.5	5		FC28
44	10/26	1003 / 1007	"	4.5	1.17	1.11		1.3		.5	5		"
			LEMON CREEK at Valley Boulevard										
42	10/6	1422 / 1432	BROOK	4.5	3.40	1.30		4.5		.6	10		FC63
43	10/13	1410 / 1420	"	4.5	3.08	1.24		3.8		.6	11		FC46
44	10/20	1324 / 1335	"	4.3	3.08	1.10		3.4		.6	10		FC63
45	11/3	1302 / 1312	"	4.5	3.09	1.26		3.9		.6	10		"
46	11/17	1418 / 1428	CARPENTER - BROOK	4.0	1.31	1.83		2.4		.6	10		"
47	11/23	1355 / 1403	BROOK	3.5	1.24	1.85		2.3		.6	8		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			LEMON CREEK at Valley Boulevard (Cont.)										
48	12/1	1337 1344	BROOK	4.3	1.23	1.54		1.9		.6	9		FC63
49	12/15	1157 1207	CARPENTER - BROOK	4.2	1.19	1.43		1.7		.6	10		"
50	12/29	1226 1236	BROOK	4.7	1.69	1.48		2.5		.6	11		"
51	1/18	1506 1514	"	3.8	1.19	1.76		2.1		.6	9		"
	2/2	0800	BROOK - CARPENTER					0.3		Est.			
52	2/8	1103 1111	BROOK	8.4	2.87	0.94		2.7		.6	11		FC63
53	2/15	1032 1040	"	8.2	2.64	0.95		2.5		.6	11		"
54	3/8	1440 1448	"	8.6	2.69	0.78		2.1		.6	11		"
55	3/15	1600 1610	"	8.2	2.76	0.76		2.1		.6	11		"
56	3/26	1145 1156	CARPENTER	8.0	1.34	0.40		0.53		.6	9		"
57	3/29	1100 1110	BROOK	8.4	2.88	0.70		2.0		.6	11		"
58	5/23	1032 1042	CARPENTER	8.5	2.80	1.14		3.2		.6	11		"
59	6/7	1146 1156	BROOK	8.6	2.79	1.11		3.1		.6	11		"
60	6/14	1205 1213	"	8.4	2.83	1.17		3.3		.6	11		"
61	6/21	1020 1030	"	8.6	2.71	0.96		2.6		.6	11		"
62	6/28	0905 0915	"	8.8	2.53	0.91		2.3		.6	11		"
63	7/5	0946 0956	"	9.6	2.93	0.89		2.6		.6	12		"
			SAN GABRIEL RIVER above Whittier Narrows Dam										
14	10/4	0936 0946	ROY - REGLI	44.0	74.7	2.03		152.		.6	13		FC66
15	10/20	1013 1027	ROY	43.0	54.6	2.16		118.		.5 .6	12		FC28
16	11/3	1120 1132	"	50.0	50.3	2.73		137.		.6	13		FC66
17	11/16	1450 1503	"	59.0	43.4	2.82		123.		.5 .6	15		"
18	11/21	1400 1402	"	2.0	0.25	0.72		0.18		.5	3		"
19	11/23	0932 0946	"	62.0	43.6	2.24		97.4		.6	15		"
20	12/1	0935 0948	ROY - DINGMAN	61.0	38.9	2.11		82.2		.5 .6	15		"
21	1/6	0850 0859	ROY	9.0	3.15	1.27		4.0		.5	7		"
22	1/10	0940 0945	"	9.5	2.96	1.49		4.4		.5	6		"
23	1/12	0930 0935	"	12.5	5.97	0.99		5.9		.6	6		"
24	1/18	1252 1300	"	21.0	23.6	3.21		75.7		.6	8		"
25	2/16	1028 1035	ROY - CARPENTER	37.5	26.6	2.87		76.2		.6	11		"
26	2/23	1327 1337	ROY - SINGER	38.0	26.0	2.81		73.0		.6	10		"
27	2/27	1022 1030	ROY	14.0	3.93	1.17		4.6		.5	7		"
28	3/2	1041 1049	ROY - SINGER	37.5	28.6	3.31		94.6		.6	12		"
29	3/8	1028 1040	ROY	28.5	5.68	0.90		5.1		.5	10		"
30	3/15	0918 0928	"		CHANNELS			8.3		.5	12		"
31	3/17	0823 0830	"	14.5	3.97	1.55		6.2		.5	7		"
32	3/27	0954 1001	"		CHANNELS			3.7		.5	11		"
33	4/3	1431 1437	"		"			3.6		.5	9		"
34	4/25	1514 1527	"		"			10.4		.5 .6	13		"
35	5/18	1306 1315	"	21.0	4.73	0.93		4.4		.5	8		"
36	5/25	1112 1119	"	18.0	5.15	1.24		6.4		.5	8		"
37	6/1	1112 1119	"	23.0	6.75	1.46		9.9		.5	8		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SAN GABRIEL RIVER above Whittier Narrows Dam (Cont.)										
38	6/8	1054 1104	ROY	23.0	6.51	1.18		7.7		.5	10		FC66
39	6/15	1120 1132	"		CHANNELS			11.8		.5 .6	12		"
40	6/22	1055 1105	"		"			7.4		.5	13		"
41	7/6	1135 1147	"		"			8.7		.5 .6	12		"
42	7/13	1024 1030	"	5.5	1.90	2.84		5.4		.5	6		"
43	7/20	1155 1200	"	9.0	2.82	1.98		5.6		.5	6		"
44	7/24	0840 0846	"	8.0	5.42	1.25		6.8		.6	6		"
45	7/27	1050 1055	ROY - CARLTON	8.5	5.23	1.44		7.5		.5	6		"
46	8/2	1317 1327	SINGER	8.5	4.75	1.07		5.1		.6	10		"
47	8/2	1339 1345	"	4.2	2.16	1.94		4.2		.6	5		"
48	8/3	1051 1059	"	7.8	3.71	1.43		5.3		.6	9		"
49	8/10	1044 1049	ROY	7.5	4.84	1.08		5.2		.6	6		"
50	8/17	1114 1118	"	8.0	3.56	1.63		5.8		.6	6		"
51	8/24	1016 1020	"	7.0	2.89	1.38		4.0		.6	6		"
52	8/31	1306 1311	"	8.0	4.77	1.28		6.1		.6	6		"
53	9/7	1122 1127	"	9.0	2.51	2.11		5.3		.5	7		"
54	9/14	1058 1104	"	10.5	3.19	1.57		5.0		.5	7		"
55	9/21	1108 1113	"	9.0	3.55	1.44		5.1		.5	7		"
			WHITTIER NARROWS RECLAMATION PLANT OUTFLOW 25 Feet below Mouth of Pipeline										
26	11/16	1508 1516	ROY	18.0	8.01	1.69		13.6		.5 .6	9		FC66
27	1/18	1302 1310	"	11.0	10.2	2.34		23.9		.6	9		"
28	2/16	1040 1044	ROY - CARPENTER	17.0	8.79	2.70		23.7		.6	8		"
29	2/23	1338 1342	ROY - SINGER	17.0	9.28	2.43		22.5		.5 .6	8		"
30	6/7	1034 1043	ROY	10.0	9.42	2.58		24.3		.6	11		"
31	6/7	1521 1535	"	10.0	9.98	2.48		24.7		.6	11		"

DISCHARGE MEASUREMENTS OF SAN ANTONIO CANYON DRAINAGE AREA

AT OR NEAR Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 1966

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT./PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SAN ANTONIO CREEK INFLOW to San Antonio Dam										
62	11/19	1248 1253	SARASUA - FOSTER	8.2	5.04	1.83		9.9		.6	9		FC43
63	11/20	1045 1100	SARASUA	5.5	2.82	1.13		3.2		.6	8		"
64	11/21	1300 1310	"	3.5	1.20	1.08		1.3		.6	6		"
65	11/28	1450 1520	"		CHANNELS			184.		.6	16		"
66	12/4	1050 1112	"		"			61.2		.6	20		"
67	12/14	1235 1250	"	9.0	8.00	3.41		27.3		.6	10		"
68	12/15	1135 1145	"	10.4	7.77	2.82		21.9		.6	12		"
69	12/23	1115 1125	"	9.5	5.33	2.67		14.2		.6	9		"

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			DROMEDARY DIVERSION near Old Camp Baldy Road										
263	10/7	1157	SARASUA	1.5' RECTANGULAR WEIR				0.59					
264	10/14	1225	"	"	"	"		0.74					
265	10/25	1018	MC BRIDE	"	"	"		0.55					
266	10/28	1300	SARASUA	"	"	"		0.55					
267	11/4	1130	"	"	"	"		0.74					
268	11/10	1505	"	"	"	"		0.82					
269	6/23	1205	"	"	"	"		3.6					
270	6/30	0945	"	"	"	"		2.9					
271	7/7	1000	"	"	"	"		0.9					
272	7/14	1000	"	"	"	"		2.3					
273	7/21	1125	"	"	"	"		1.9					
274	7/28	1100	"	"	"	"		1.9					
275	8/4	1015	"	"	"	"		2.6					
276	8/11	1030	"	"	"	"		1.9					
277	8/17	1530	LUYENDYK	"	"	"		1.8					
278	8/25	1440	"	"	"	"		1.5					
279	9/1	1430	"	"	"	"		1.5					
280	9/8	1055	SARASUA	"	"	"		1.9					
281	9/15	1000	"	"	"	"		1.8					
282	9/22	1350	LUYENDYK	"	"	"		1.4					
283	9/29	1410	"	"	"	"		1.6					
			EVY CREEK - CITY OF POMONA DIVERSION - CANYON WATER CO. DIVERSION										
			at Mouth of Canyon										
449	10/7	1220	SARASUA	90° V-NOTCH WEIR				0.04					
450	10/14	1215	"	"	"	"		0.05					
451	10/25	0930	MC BRIDE	"	"	"		0.05					
452	10/28	1330	SARASUA	"	"	"		0.04					
453	11/4	1205	"	"	"	"		0.05					
454	11/10	1540	"	"	"	"		0.05					
455	12/15	1120	"	"	"	"		0.08					
456	12/23	1025	"	"	"	"		0.08					
457	1/13	1535	"	"	"	"		0.68					
458	1/20	1530	"	"	"	"		0.60					
459	1/27	1212	"	"	"	"		0.52					
460	2/3	1545	"	"	"	"		0.50					
461	2/10	1235	"	"	"	"		0.07					
462	2/17	1505	"	"	"	"		0.60					
463	2/24	1045	"	"	"	"		0.52					
464	3/3	1445	"	"	"	"		0.43					
465	3/10	1628	"	"	"	"		0.46					
466	3/17	1515	"	"	"	"		0.41					
467	3/24	1444	"	"	"	"		0.39					
468	3/31	1345	"	"	"	"		0.28					
469	4/7	1510	"	"	"	"		0.33					
470	4/14	1055	"	"	"	"		0.26					

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATINGS	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			EVY CREEK-CITY OF POMONA DIVERSION-CANYON WATER CO. DIVERSION (Cont.)										
471	4/21	1437	SARASUA	90° V-NOTCH WEIR				0.28					
472	4/28	1255	"	"	"	"		0.28					
473	5/5	1530	"	"	"	"		0.23					
474	5/12	1230	"	"	"	"		0.28					
475	5/19	1155	"	"	"	"		0.22					
476	5/26	1125	"	"	"	"		0.26					
477	6/2	1105	"	"	"	"		0.23					
478	6/9	1235	"	"	"	"		0.23					
479	6/16	1230	"	"	"	"		0.19					
480	6/23	1320	"	"	"	"		0.13					
481	6/30	1100	"	"	"	"		0.10					
482	7/7	0935	"	"	"	"		0.10					
483	7/14	1030	"	"	"	"		0.10					
484	7/21	1140	"	"	"	"		0.10					
485	7/28	1120	"	"	"	"		0.11					
486	8/4	1055	"	"	"	"		0.10					
487	8/11	1045	"	"	"	"		0.10					
488		1550	"	"	"	"		0.10					
489	8/25	1510	LUYENDYK	"	"	"		0.10					
490	9/1	1450	"	"	"	"		0.10					
491	9/8	1115	SARASUA	"	"	"		0.10					
492	9/15	1030	"	"	"	"		0.10					
493	9/22	1405	LUYENDYK	"	"	"		0.10					
494	9/29	1430	"	"	"	"		0.10					
			SAN ANTONIO EDISON CONDUIT at Ontario No. 1 Power House										
448	10/7	1300	SARASUA	9.05' RECTANGULAR WEIR				6.8					
449	10/14	1320	"	"	"	"		6.8					
450	10/25	0920	MC BRIDE	"	"	"		6.5					
451	10/28	1326	SARASUA	"	"	"		6.2					
452	11/4	1200	"	"	"	"		6.2					
453	11/10	1535	"	"	"	"		5.6					
454	11/18	1615	"	"	"	"		16.5					
455	12/2	1250	"	"	"	"		21.6					
456	12/8	1350	"	"	"	"		22.0					
457	12/15	1035	"	"	"	"		22.0					
458	12/23	1005	"	"	"	"		22.0					
459	1/6	1135	"	"	"	"		1.8					
460	1/13	1530	"	"	"	"		1.9					
461	1/27	1145	"	"	"	"		18.0					
462	2/3	1540	"	"	"	"		22.4					
463	2/10	1232	"	"	"	"		22.0					
464	2/17	1500	"	"	"	"		21.6					
465	2/24	1040	"	"	"	"		22.0					
466	3/3	1440	"	"	"	"		22.0					
467	3/10	1625	"	"	"	"		21.6					

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			SAN ANTONIO EDISON CONDUIT at Ontario No. 1 Power House (Cont.)										
468	3/17	1500	SARASUA	9.05' RECTANGULAR WEIR				22.0					
469	3/24	1440	"	"	"	"		22.0					
470	3/31	1340	"	"	"	"		22.0					
471	4/7	1454	"	"	"	"		21.6					
472	4/14	1035	"	"	"	"		21.6					
473	4/21	1424	"	"	"	"		21.6					
474	4/28	1240	"	"	"	"		20.0					
475	5/5	1515	"	"	"	"		19.2					
476	5/12	1215	"	"	"	"		18.4					
477	5/19	1150	"	"	"	"		16.9					
478	5/26	1110	"	"	"	"		16.5					
479	6/2	1050	"	"	"	"		17.6					
480	6/9	1012	"	"	"	"		19.6					
481	6/16	1220	"	"	"	"		17.7					
482	6/23	1312	"	"	"	"		16.5					
483	6/30	1055	"	"	"	"		14.0					
484	7/7	0930	"	"	"	"		15.8					
485	7/14	1010	"	"	"	"		15.4					
486	7/21	1135	"	"	"	"		14.0					
487	7/28	1110	"	"	"	"		14.0					
488	8/4	1050	"	"	"	"		13.3					
489	8/11	1040	"	"	"	"		12.3					
490	8/17	1540	SARASUA - LUYENDYK	"	"	"		12.0					
491	8/25	1500	LUYENDYK	"	"	"		11.3					
492	9/1	1440	"	"	"	"		11.3					
493	9/8	1110	SARASUA	"	"	"		11.0					
494	9/15	1024	"	"	"	"		10.6					
495	9/22	1400	LUYENDYK	"	"	"		10.0					
496	9/29	1425	"	"	"	"		9.7					

DISCHARGE MEASUREMENTS OF SAN ANTONIO CANYON DRAINAGE AREA

AT OR NEAR Miscellaneous Points DURING THE YEAR ENDING SEPTEMBER 30, 1967

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			DROMEDARY DIVERSION near Old Camp Baldy Road										
284	10/6	1115	SARASUA	1.5' RECTANGULAR WEIR				1.9					
285	10/13	1250	"	"	"	"		1.9					
286	10/20	1332	LUYENDYK	"	"	"		1.6					
287	10/27	1135	SARASUA	"	"	"		1.8					
288	11/3	1110	"	"	"	"		1.8					
289	11/9	1300	"	"	"	"		2.2					
290	11/17	1205	"	"	"	"		2.3					
291	11/23	1100	"	"	"	"		2.2					
292	12/1	1220	"	"	"	"		2.2					

NO.	DATE	BEGIN / END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RATING	METHOD	MEAS. SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			EVY CREEK-CITY OF POMONA DIVERSION-CANYON WATER CO.										
			Diversion at Mouth of Canyon										
495	10/6	1140	SARASUA	90° V-NOTCH WEIR				0.11					
496	10/13	1300	"	"	"	"		0.13					
497	10/20	1400	LUYENDYK	"	"	"		0.12					
498	10/27	1205	SARASUA	"	"	"		0.11					
499	11/3	1125	"	"	"	"		0.10					
500	11/9	1335	"	"	"	"		0.10					
501	11/17	1225	"	"	"	"		0.10					
502	11/23	1123	"	"	"	"		0.26					
503	12/1	1240	"	"	"	"		0.15					
504	12/29	1035	"	"	"	"		1.0					
505	1/5	1655	"	"	"	"		0.70					
506	1/12	1445	"	"	"	"		0.68					
507	1/19	1342	"	"	"	"		0.60					
508	1/25	1410	"	"	"	"		0.77					
509	2/2	1730	"	"	"	"		1.0					
510	2/9	1520	"	"	"	"		1.0					
511	2/16	1600	"	"	"	"		0.97					
512	2/23	1310	"	"	"	"		1.0					
513	3/2	1150	"	"	"	"		1.0					
514	3/9	1335	"	"	"	"		0.97					
515	3/16	1215	"	"	"	"		1.5					
516	3/23	1230	"	"	"	"		1.5					
517	3/30	1208	"	"	"	"		1.1					
518	4/6	1630	"	"	"	"		1.1					
519	4/13	1100	"	"	"	"		0.74					
520	4/20	1116	"	"	"	"		1.0					
521	4/27	1600	"	"	"	"		1.1					
522	5/4	1500	"	"	"	"		1.1					
523	5/11	1205	"	"	"	"		1.1					
524	5/18	1140	"	"	"	"		1.1					
525	5/25	1415	"	"	"	"		1.0					
526	6/15	1000	"	"	"	"		1.7					
527	6/22	1550	"	"	"	"		1.5					
528	6/29	1100	"	"	"	"		1.0					
529	7/6	0855	"	"	"	"		1.0					
530	7/13	0930	"	"	"	"		1.0					
531	7/20	1424	"	"	"	"		1.0					
532	7/27	1305	"	"	"	"		0.77					
533	8/3	1510	"	"	"	"		0.74					
534	8/10	1325	"	"	"	"		0.66					
535	8/17	0945	"	"	"	"		0.63					
536	8/24	1440	LUYENDYK	"	"	"		0.43					
537	8/31	1430	"	"	"	"		0.43					
538	9/7	1015	SARASUA	"	"	"		0.46					

NO.	DATE	BEGIN END	MADE BY	WIDTH FEET	AREA OF SECTION SQ. FT.	MEAN VELOCITY FT.PER SEC.	GAUGE HEIGHT FEET	DISCHARGE SEC. FT.	RAT-ING	METH-OD	MEAS-SEC. NO.	G. HT. CHANGE TOTAL	METER NO.
			EVY CREEK-CITY OF POMONA DIVERSION-CANYON WATER CO. DIVERSION (Cont.)										
539	9/14	1445	SARASUA	90° V-NOTCH WEIR				0.43					
540	9/21	1400	"	"	"	"		0.55					
541	9/28	1525	"	"	"	"		0.55					
			SAN ANTONIO EDISON CONDUIT at Ontario No. 1 Power House										
497	10/6	1135	SARASUA	10' RECTANGULAR WEIR				9.1					
498	10/13	1255	"	"	"	"		9.0					
499	10/20	1353	LUYENDYK	"	"	"		8.2					
500	10/27	1200	SARASUA	"	"	"		8.4					
501	11/3	1120	"	9.05' RECTANGULAR WEIR				8.2					
502	11/9	1330	"	"	"	"		11.0					
503	11/17	1215	"	"	"	"		9.7					
504	11/23	1118	"	"	"	"		9.7					
505	12/1	1235	"	"	"	"		9.4					
506	12/21	1620	"	"	"	"		14.4					
507	12/28	1335	"	"	"	"		14.0					
508	1/5	1507	"	"	"	"		21.6					
509	1/12	1343	"	"	"	"		21.6					
510	1/19	1255	"	"	"	"		21.6					
511	1/25	1350	"	"	"	"		21.6					
512	2/2	1655	"	"	"	"		21.6					
513	2/9	1407	"	"	"	"		21.6					
514	2/16	1330	"	"	"	"		21.6					
515	2/23	1255	"	"	"	"		21.6					
516	3/2	1040	"	"	"	"		21.6					
517	3/9	1300	"	"	"	"		21.2					
518	3/16	1155	"	"	"	"		21.6					
519	3/23	1207	"	"	"	"		21.6					
520	3/30	1015	"	"	"	"		21.6					
521	4/6	1600	"	"	"	"		21.6					
522	4/20	1022	"	"	"	"		18.0					
523	4/28	1000	"	"	"	"		21.6					
524	5/4	1349	"	"	"	"		21.6					
525	5/11	1315	"	"	"	"		21.6					
526	5/18	1335	"	"	"	"		21.2					
527	5/25	1200	"	"	"	"		22.0					
528	6/15	1120	"	"	"	"		21.6					
529	6/22	1450	"	"	"	"		21.6					
530	6/29	1200	"	"	"	"		21.6					
531	7/6	1115	"	"	"	"		21.6					
532	7/13	1100	"	"	"	"		21.6					
533	7/20	1345	"	"	"	"		21.6					
534	8/3	1355	"	"	"	"		21.6					
535	8/10	1415	"	"	"	"		21.6					
536	8/17	1120	"	"	"	"		21.6					
537	8/24	1430	LUYENDYK	"	"	"		21.2					
538	8/31	1430	"	"	"	"		20.4					
539	9/14	1320	SARASUA	"	"	"		18.4					
540	9/21	1455	"	"	"	"		17.7					
541	9/28	1519	"	"	"	"		17.7					

PERCOLATION LOSSES ON LITTLE ROCK CREEK
BASED ON METER MEASUREMENTS
1966–67

POINT OF FLOW	12-20-66 CFS	12-20-66 (–) LOSS OR (+) GAIN	4-24-67 CFS	4-24-67 (–) LOSS OR (+) GAIN	5-23 CFS	5-23 (–) LOSS OR (+) GAIN
LITTLE ROCK DAM	50.				62.	
BRESLIN'S	48.	– 2.	58.			
BELOW SUBMERGED DAM	45.	– 3.	57.	– 1.	63.	+ 1.
HIGHWAY 138	41.	– 4.	76.	+ 19.	71.	+ 8.
AVENUE U–2					65.	– 6.
AVENUE T–8	38.	– 3.				
½ MILE BELOW T	25.	– 13.	60.	– 16.	47.	–18.
AVENUE S	21.	– 4.	56.	– 4.	40.	– 7.
AVENUE R	3.	– 18.			26.	–14.
PALMDALE BOULEVARD	0	– 3.	13.	– 43.	0	–26.
AVENUE Q			2.	– 11.		
AVENUE P			0	– 2.		

PERCOLATION LOSSES ON SANTA CLARA RIVER
BASED ON METER MEASUREMENTS
1966–67

DATE	ABOVE LANG R.R. STATION STA. F93–R	LANG STATION DIP CROSSING	(–) LOSS OR (+) GAIN	BELOW GAS LINE	(–) LOSS OR (+) GAIN	BELOW SAND CANYON	(–) LOSS OR (+) GAIN	HIGHWAY 14	(–) LOSS OR (+) GAIN	AT L.A. AQUEDUCT	(–) LOSS OR (+) GAIN	ABOVE SANTA CLARA SOUTH FORK	(–) LOSS OR (+) GAIN	HIGHWAY 99	(–) LOSS OR (+) GAIN
4–20–67	42.4	35.3	–7.1	38.4	+3.1	33.0	–5.4	4.0	–29	+	–4.0	2.5	+2.5	0.5	–2.0

PERCOLATION LOSSES ON PACOIMA CREEK
BASED ON METER MEASUREMENTS
1965–66

DATE	BELOW PACOIMA DAM STATION F118B–R	HARDING STREET	(–) LOSS OR (+) GAIN	LOPEZ SPREADING GROUNDS INTAKE	(–) LOSS OR (+) GAIN	PACOIMA SPREADING GROUNDS INTAKE	(–) LOSS OR (+) GAIN
7–26–66	43.4	37.2	–6.2	0		32.9	– 4.3
7–27–66	42.0	37.1	–4.9				
8– 3–66	16.5	15.4	–1.1	14.1	–1.3		

PERCOLATION LOSSES ON PACOIMA CREEK
BASED ON METER MEASUREMENTS
1966–67

DATE	BELOW PACOIMA DAM STATION F118B–R	HARDING STREET	(–) LOSS OR (+) GAIN	PACOIMA SPREADING GROUNDS OUTFLOW	BELOW NORDHOFF STREET	(–) LOSS OR (+) GAIN	ABOVE PARTHENIA STREET	(–) LOSS OR (+) GAIN	PROJECT 85	(–) LOSS OR (+) GAIN
10–13–66	4.0	1.0	–3.0	6.7	2.9	–3.8	0.14	–3.66	+	+
5– 2–67										

PERCOLATION LOSSES ON BIG TUJUNGA CREEK
BASED ON METER MEASUREMENTS
1965–66

DATE	BIG TUJUNGA DAM OUTFLOW STATION F168–R	BELOW GOLD CANYON STATION F213–R	(–) LOSS OR (+) GAIN	DIVERTED TO L.A.W.D. SPREADING GROUNDS	RIVER FLOW AFTER DIVERSION	(–) LOSS OR (+) GAIN	ORO VISTA STREET	(–) LOSS OR (+) GAIN	FOOTHILL BOULEVARD	(–) LOSS OR (+) GAIN	HANSEN RESERVOIR INFLOW	(–) LOSS OR (+) GAIN
10–22	5.9	6.0	+ .1	3.7	0	2.3	0.4	+ 0.4	0	– .4		
12–22		40.1					38.8	– 1.3			22.9	– 15.9
3–24	.1	9.0	+ 8.9				9.2	+ 0.2			12.8	+ 3.6
4–7	+	8.9	+ 8.9				6.4	– 2.5	1.1	+ 5.3	8.5	+ 7.4
4–28	0.1	6.5	+ 6.4				4.0	– 2.5	0.1	+ 3.9	0	– 0.1
9–15	12.0	12.2	+ 0.2				7.2	– 5.0	1.9	– 5.3	5.1	+ 3.2

PERCOLATION LOSSES ON BIG TUJUNGA CREEK
BASED ON METER MEASUREMENTS
1966–67

DATE	BIG TUJUNGA DAM OUTFLOW STATION F168–R	BELOW GOLD CANYON STATION F213–R	(–) LOSS OR (+) GAIN	ORO VISTA STREET	(–) LOSS OR (+) GAIN	FOOTHILL BOULEVARD	(–) LOSS OR (+) GAIN
10–27	10.3	11.4	+ 1.1	6.9	– 4.5	0.8	– 6.1

PERCOLATION LOSSES ON SAN GABRIEL RIVER
BASED ON METER MEASUREMENTS
1965–66

POINT OF FLOW	10-1-65 CFS	10-1-65 (-) LOSS OR (+) GAIN	10-4 CFS	10-4 (-) LOSS OR (+) GAIN	10-5 CFS	10-5 (-) LOSS OR (+) GAIN	10-6 CFS	10-6 (-) LOSS OR (+) GAIN	10-8 CFS	10-8 (-) LOSS OR (+) GAIN
MWD OUTLET STATION M335-R	121.		140.		152.		163.		162.	
BELOW MWD OUTLET	46.4	- 74.6	71.1	- 68.9	83.1	- 68.9	88.5	- 74.5	90.7	- 71.3
POINT OF FLOW	10-11		10-13		10-14		10-15		10-20	
MWD OUTLET STATION M335-R	175.		160.		314.		314.		336.	
BELOW MWD OUTLET	113	- 62.	94.4	- 65.6	220.	- 94.				
VALLEY BOULEVARD STATION F261C-R							89.	- 225.	138.	- 198.
ABOVE WHITTIER NARROWS DAM							70.2	- 18.8	117.	- 21
RECLAMATION PLANT (OUTFLOW)							EST. 25.	+ 25.	28.	+ 28.
BEVERLY BOULEVARD STATION F263-R							74.8	- 20.4	124.	- 21.
SPREADING GROUND HEADWORKS							49.7	- 25.1	114.	- 10.
POINT OF FLOW	10-27		11-10		12-2		12-7		12-16	
BELOW MORRIS DAM STATION U8-R					1330.		1330.		196.	
OLD CONTRACT TUNNEL					+ 20.		+ 19.		+ 13.5	
COMMITTEE OF NINE DIVERSION					- 20.		- 27.		- 20.5	
ROGERS CREEK					+ 17.		+ 13.		+ 7.	
DUARTE DITCH RETURN TO RIVER									+ 1.	
FISH CREEK					+ 13.		+ 10.		+ 5.	
SAN GABRIEL SPREADING GROUNDS RETURN										
TOTAL OUTFLOW AT MOUTH OF CANYON					1360.		1345.		202.	
FOOTHILL BOULEVARD STATION F190B-R					1120.	- 240.	1150.	- 195.	149.	- 53.
NET LOSS TO SANTA FE SPREADING GROUNDS					- 251.		- 223.			
RIVER FLOW AT SANTA FE SPREADING GROUNDS					869.		927.			
SANTA FE DAM INFLOW					521.(1)	- 348.	731.(1)	- 196.	111.(1)	- 38.
SANTA FE DAM OUTFLOW STATION E281-R					530.		770.		238.	
RAMONA BOULEVARD										
MWD OUTLET	305.		315.							
INFLOW FROM WALNUT WASH					+ 4.		+ 4.		+ 99.	
VALLEY BOULEVARD STATION F261C-R	114.	- 192.	114.	- 201.	163.	- 371.	303.	-471.	119.	- 218.
INFLOW FROM SAN JOSE CHANNEL					+ 8.		+ 8.		+ 14.	
DIVERTED TO RIO HONDO					- 27.		- 172.		- 28.	
AT WHITTIER NARROWS DAM	91.9	- 22.1	98.5	- 15.5	144.		139.		105	
RECLAMATION PLANT (OUTFLOW)	+ 26.		+ 26.2							
INFLOW FROM SAN JOSE CREEK					+ 1.		+ 1.			
RISING WATER AREA										
ABOVE PARKWAY BRIDGE									77.	28.
BEVERLY BOULEVARD STATION F263B-R	101.	- 16.9	95.0	- 29.7	87.	- 58.	84.	- 56	77.	0
SPREADING GROUNDS	84.	- 17.	70.4	- 24.6					74.	- 3.
POINT OF FLOW	12-22-65		1-8-66		1-14		1-24		2-3	
BELOW MORRIS DAM STATION U8-R	32.3		1130.		1030		476.		147.	
OLD CONTRACT TUNNEL	+ 9.6		+ 20.		+ 18.		EST.+ 11.		+ 7.	
COMMITTEE OF NINE DIVERSION	- 20.6		EST. - 23.		- 21.		- 25.			
ROGERS CREEK	+ 5.6		+ 22.		EST.+ 14.		EST.+ 8.		+ 6.	
FISH CREEK	+ 1.9		+ 15.		EST.+ 8.		EST.+ 1.		+ 4.	
SAN GABRIEL SPREADING GROUNDS RETURN	+ 0.3				+ 16.					
TOTAL OUTFLOW AT MOUTH OF CANYON	29.1		1164.		1065.		471.		164.	
FOOTHILL BOULEVARD STATION F190B-R	0	- 29.1	1060.	- 104.	1030.	- 35.	448.	- 23.	141.	- 23.
NET LOSS TO SANTA FE SPREADING GROUNDS			- 187.		- 218.		EST. 111.			
RIVER FLOW AT SANTA FE SPREADING GROUNDS			873.		812.		337.			
SANTA FE DAM INFLOW			720.(1)	- 153.	557.(1)	- 255.	294.(1)	- 43.	60.(1)	- 81.
SANTA FE DAM OUTFLOW STATION E281-R			329.		506.		449.			
INFLOW FROM WALNUT WASH			+ 19.		+ 19.		+ 22.			
VALLEY BOULEVARD STATION F261C-R			231.	- 117.	249.	- 276.	211.	-260.		
INFLOW FROM SAN JOSE CHANNEL			+ 6.		+ 8.		+ 8.			
DIVERTED TO RIO HONDO			- 75.		- 136.		- 96.			
AT WHITTIER NARROWS DAM			162.		121.		123.			
INFLOW FROM SAN JOSE CREEK			+ 1.		+ 6.					
BEVERLY BOULEVARD STATION F263B-R			112.	- 51.	106.	- 21.	72.	- 51.		
POINT OF FLOW	2-10		2-16		2-17		2-24		3-10	
BELOW MORRIS DAM STATION U8-R	164.		222.				223.		95.	
OLD CONTRACT TUNNEL	+ 8.		+ 10.				+ 10.		+ 9.	
ROGERS CREEK	+ 10.		+ 8.				+ 6.		+ 4.	
DUARTE PIPELINE RETURN TO RIVER	+ 16.		EST. + 18.				+ 19.		+ 19.	
FISH CREEK	+ 7.		+ 7.				+ 5.		+ 5.	
SAN GABRIEL SPREADING GROUNDS RETURN			+ 2.				+ 2.		+ 4.	
TOTAL OUTFLOW AT MOUTH OF CANYON	205.		267.				265.		136.	
FOOTHILL BOULEVARD STATION F190B-R	174.	- 31.	242.	- 25.			238.	- 27.	100.	- 36.
NET LOSS TO SANTA FE SPREADING GROUNDS			- 205.				- 149.			
RIVER FLOW AT SANTA FE SPREADING GROUNDS			37.				89.			
SANTA FE DAM INFLOW	119.(1)	- 55	0 (1)	- 37.			52.(1)	- 37.	67.(1)	- 33.
SANTA FE DAM OUTFLOW STATION E281-R	85.		75.		69.		120.		101.	
RAMONA BOULEVARD	10.	- 75.	0	- 75.	16.	- 53.	0	- 120.	0	- 101.
MWD OUTLET					+ 145.					
INFLOW FROM WALNUT WASH					+ 7.					
VALLEY BOULEVARD STATION F261C-R					136.	- 32.				
INFLOW FROM SAN JOSE CHANNEL					+ 5.					
RISING WATER AREA					EST.+ 7.					
BEVERLY BOULEVARD STATION F263B-R					128.	- 20.				
SPREADING GROUNDS					123.	- 5.				
POINT OF FLOW	3-17		3-24		3-31		4-6		4-14	
BELOW MORRIS DAM STATION U8-R	97.		101.		102.		161.		117.	
OLD CONTRACT TUNNEL	+ 8.		+ 9.		+ 9.		+ 9.		+ 8.	
ROGERS CREEK	+ 4.		+ 2.		+ 1.		+ 1.		+ 1.	
DUARTE PIPELINE RETURN TO RIVER	+ 19.		+ 19.		+ 19.		+ 19.		+ 19.	
FISH CREEK	+ 4.		+ 2.		+ 1.					
SAN GABRIEL SPREADING GROUNDS RETURN	+ 3.		+ 4.		+ 5.		+ 5.		+ 5.	
TOTAL OUTFLOW AT MOUTH OF CANYON	135.		137.		137.		195.		150.	
FOOTHILL BOULEVARD STATION F190B-R	106.	- 29.	115.	- 22.	112.	- 25.	183.	- 12.	123.	- 27.
SANTA FE DAM INFLOW	35.	- 71.(1)	96.	- 19.(1)	92.	- 20.(1)	114.	- 69.(1)	49.	- 74.(1)
SANTA FE DAM OUTFLOW STATION E281-R	146.		98.		91.		0		98.	
RAMONA BOULEVARD	0	- 146.	0	- 98.	0	- 91.			0	- 98.

(1) AFTER DEDUCTING CHANNEL AND RESERVOIR LOSSES

PERCOLATION LOSSES ON SAN GABRIEL RIVER
BASED ON METER MEASUREMENTS
1965–66

POINT OF FLOW	4-21-66 CFS	4-21-66 (−) LOSS OR (+) GAIN	4-28 CFS	4-28 (−) LOSS OR (+) GAIN	5-5 CFS	5-5 (−) LOSS OR (+) GAIN	5-12 CFS	5-12 (−) LOSS OR (+) GAIN	5-19 CFS	5-19 (−) LOSS OR (+) GAIN
BELOW MORRIS DAM STATION U8-R	45.		8.		8.		7.0		206.	
OLD CONTRACT TUNNEL	+ 9.		+ 7.		+ 5.		+ 6.0		+ 9.	
ROGERS CREEK	+ 1.		+ 1.		+ 1.		+ 1.			
DUARTE PIPELINE RETURN TO RIVER	+ 19.		+ 19.		+ 12.		+ 12.		+ 7.	
SAN GABRIEL SPREADING GROUNDS RETURN	+ 4.		+ 10.							
TOTAL OUTFLOW AT MOUTH OF CANYON	78.		45.		26.		26.		222.	
FOOTHILL BOULEVARD STATION F190B-R	57.	− 21.	15.	− 30.	1.	− 25.	1.	− 25.	199.	− 23.
ABOVE RAILROAD BRIDGE AT DIVERSION					0	− 1.	0	− 1.		
SANTA FE DAM INFLOW	11.	− 46. (1)	1.	− 14. (1)					140.	− 59 (1)
SANTA FE DAM OUTFLOW STATION E281-R	82.		0							
RAMONA BOULEVARD	0	− 82.								

POINT OF FLOW	S-25		6-2		8-11		9-7		9-14	
BELOW MORRIS DAM STATION U8-R	191.									
OLD CONTRACT TUNNEL	+ 9.									
ROGERS CREEK	+ 1.									
DUARTE PIPELINE RETURN TO RIVER	+ 6.									
FISH CREEK	+ 1.									
TOTAL OUTFLOW AT MOUTH OF CANYON	208.									
FOOTHILL BOULEVARD STATION F190B-R	EST. 195.	− 13.								
SANTA FE DAM INFLOW	135. (1)	− 60.								
SANTA FE DAM OUTFLOW STATION E281-R	155.		75.							
RAMONA BOULEVARD	0	− 155.	0	− 75.						
MWD OUTLET			180.		59.		213.		188.	
VALLEY BOULEVARD STATION F261C-R			130.	− 50.	30.	− 29.	173.	− 40.	151.	− 37.
INFLOW FROM SAN JOSE CHANNEL					EST. + 6.		EST. + 4.		EST. + 5.	
DIVERTED TO RIO HONDO							− 12.		− 6	
AT WHITTIER NARROWS DAM			103.	− 27.	4.	− 32.	151.	− 14.	130.	− 20.
WHITTIER NARROWS DAM LEAKAGE					2.	− 2.	107.	− 44.	110.	− 20.
RISING WATER AREA					EST. + 2.		EST. + 5.			
BEVERLY BOULEVARD STATION F263B-R			99.	− 4.	0	− 4.	101.	− 11.	99.	− 11.
SPREADING GROUNDS			99.	0			87.	− 14.	96.	− 3.

POINT OF FLOW	9-20		9-21		9-28					
MWD OUTLET	165.		218.		210.					
VALLEY BOULEVARD STATION F261C-R	146.	− 39.	179.	− 39.	178.	− 32.				
INFLOW FROM SAN JOSE CHANNEL			+ 5.		+ 10.					
DIVERTED TO RIO HONDO			− 15.		− 17.					
AT WHITTIER NARROWS DAM	119.	− 27.	164.	− 5.	161.	− 10.				
WHITTIER NARROWS DAM OUTFLOW			111.	− 53.	101.	− 60.				
RISING WATER AREA			+ 5.		+ 6.					
BEVERLY BOULEVARD STATION F263B-R	105.	− 14.	103.	− 13.	94.	− 13.				
SPREADING GROUNDS			97.	− 6.	96.	+ 2.				

PERCOLATION LOSSES ON SAN GABRIEL RIVER
BASED ON METER MEASUREMENTS
1966–67

POINT OF FLOW	10-4-66 CFS	10-4-66 (−) LOSS OR (+) GAIN	10-14 CFS	10-14 (−) LOSS OR (+) GAIN	11-3 CFS	11-3 (−) LOSS OR (+) GAIN	11-30 CFS	11-30 (−) LOSS OR (+) GAIN	12-9 CFS	12-9 (−) LOSS OR (+) GAIN
BELOW MORRIS DAM STATION U8-R									670.	
OLD CONTRACT TUNNEL									+ 10.	
ROGERS CREEK									+ 46.	
FISH CREEK									+ 25.	
TOTAL OUTFLOW AT MOUTH OF CANYON									751.	
FOOTHILL BOULEVARD STATION F190B-R									660.	− 91.
SANTA FE DAM INFLOW									140. (1)	− 519.
SANTA FE DAM OUTFLOW STATION E281-R									44.	
RAMONA BOULEVARD									0	− 44.
MWD OUTLET	205.		205.		198.					
VALLEY BOULEVARD STATION F261C-R	158.	− 37.	161.	− 44.	161.	− 37.				
INFLOW FROM SAN JOSE CHANNEL			+ 8.							
AT WHITTIER NARROWS DAM	152.	− 16.	143.	− 26.	137.	− 24.				
RISING WATER AREA			+ 5.		+ 5.					
BEVERLY BOULEVARD STATION F263B-R			124.	− 24.	129.	− 13.				
SPREADING GROUNDS			124.	0			78.			
WASHINGTON BOULEVARD							59.	− 19.		
SLAUSON AVENUE							51.	− 8.		
TELEGRAPH ROAD							12.	− 39.		
SANTA ANA FREEWAY							0	− 12.		

POINT OF FLOW	1-12		1-18		1-30		2-9		2-16	
BELOW MORRIS DAM STATION U8-R	125.				615.		112.		111.	
OLD CONTRACT TUNNEL	+ 12.				+ 18.		+ 11.		+ 12.	
ROGERS CREEK	+ 4.				+ 28.		+ 13		+ 10.	
SPREADING GROUNDS BYPASS CHANNEL	+ 2.				+ 16.		+ 14.		+ 14.	
DUARTE PIPELINE RETURN TO RIVER	+ 14.				+ 16.		+ 15.		+ 14.	
SAN GABRIEL SPREADING GROUNDS RETURN	+ 3.				+ 4.		+ 6.		+ 6.	
FISH CREEK	+ 1.				+ 16.		+ 7.		+ 6.	
TOTAL OUTFLOW AT MOUTH OF CANYON	161.				710.		178.		173.	
FOOTHILL BOULEVARD STATION F190B-R	115.	− 46.			637.	− 73.	130.	− 48.	129.	− 44.
NET LOSS TO SANTA FE SPREADING GROUNDS					− 119.		− 101.		112.	
RIVER FLOW AT SANTA FE SPREADING GROUNDS					518.		9.	− 20.	0	− 17.
SANTA FE DAM INFLOW	0 (1)	− 115.			290. (1)	− 228.	0 (1)	− 9.		
SANTA FE DAM OUTFLOW					521.					
RAMONA BOULEVARD					0	− 521.				
MWD OUTLET			266.						225.	
WALNUT WASH			+ 3.						+ 3.	
VALLEY BOULEVARD STATION F261C-R			80. (2)	− 189.					80. (2)	− 148.
SAN JOSE CHANNEL			+ 8.						+ 11.	
AT WHITTIER NARROWS DAM			76.	− 12.					76.	− 15.
RECLAMATION PLANT (OUTFLOW)			+ 24.						24.	
SAN JOSE CREEK			+ 1.							
BEVERLY BOULEVARD STATION F263B-R			82.	− 19.					91.	− 9.
SPREADING GROUNDS			86.	+ 4.						

(1) AFTER DEDUCTING CHANNEL AND RESERVOIR LOSSES
(2) MORE WATER BEING PERCOLATED IN REACH DUE TO TEMPORARY LEVEE BACKING UP RIVER

PERCOLATION LOSSES ON SAN GABRIEL RIVER
BASED ON METER MEASUREMENTS
1966–67

POINT OF FLOW	3–9 CFS	3–9 (–) LOSS OR (+) GAIN	3–16 CFS	3–16 (–) LOSS OR (+) GAIN	3–30 CFS	3–30 (–) LOSS OR (+) GAIN	4–13 CFS	4–13 (–) LOSS OR (+) GAIN	4–27 CFS	4–27 (–) LOSS OR (+) GAIN
BELOW MORRIS DAM STATION U8–R	104.		579.		320.		272.		694.	
OLD CONTRACT TUNNEL	+ 10.		+ 14.		+ 13.		+ 12.		+ 16.	
ROGERS CREEK	+ 6.		+ 20.		+ 9.		+ 16.		+ 26.	
SPREADING GROUNDS BYPASS CHANNEL	+ 14.		+ 16.		+ 16.		+ 17.		+ 19.	
DUARTE PIPELINE RETURN TO RIVER	+ 15.		+ 15.		+ 16.		+ 3.		+ 8.	
SAN GABRIEL SPREADING GROUNDS RETURN	+ 1.		+ 4.		+ 4.		+ 5.		+ 6.	
FISH CREEK	+ 3.		+ 16.		+ 4		+ 13.		+ 22.	
TOTAL OUTFLOW AT MOUTH OF CANYON	153.		664.		382.		338.		791.	
FOOTHILL BOULEVARD STATION F190B–R	117.	– 36.	583.	– 81.	345.	– 37.	297.	– 41.	740.	– 51.
NET LOSS TO SANTA FE SPREADING GROUNDS	106.		– 243.		– 167.		– 226.		– 278.	
RIVER FLOW AT SANTA FE SPREADING GROUNDS	0	– 11.	340.		178.		71.		462.	
SANTA FE DAM INFLOW			288. (1)	– 52.	101. (1)	– 77.	0 (1)	– 71.	330. (1)	– 132.
SANTA FE DAM OUTFLOW STATION E281–R			218.		50		35.		189.	
RAMONA BOULEVARD			0	– 218.	0	– 50.	0	– 35.	0	– 189.

POINT OF FLOW	5–1		5–3		5–11		5–25		6–8	
BELOW MORRIS DAM STATION U8–R					511		512.		493.	
OLD CONTRACT TUNNEL					+ 14.		+ 14.		+ 14.	
ROGERS CREEK					+ 14.		+ 8.		+ 7.	
SAN GABRIEL CANYON SPREADING GROUNDS BYPASS					+ 12.		+ 9.		+ 20.	
DUARTE PIPELINE RETURN TO RIVER									+ 10.	
SAN GABRIEL SPREADING GROUNDS RETURN					+ 2.					
FISH CREEK					+ 9.		+ 3.		+ 5.	
TOTAL OUTFLOW AT MOUTH OF CANYON					562.		546.		549.	
FOOTHILL BOULEVARD STATION F190B–R					468.	– 94.	462.	– 84.	508.	– 41.
NET LOSS TO SANTA FE SPREADING GROUNDS					– 230.		– 180.		– 190.	
RIVER FLOW AT SANTA FE SPREADING GROUNDS					238.		282.		318.	
SANTA FE DAM INFLOW					197. (1)	– 41.	217. (1)	– 65.	215.	– 103.
SANTA FE DAM OUTFLOW STATION E281–R	229.		176.		162.				178.	
RAMONA BOULEVARD	70.	– 159.	35.	– 141.	0	– 162.			0	– 178.
MWD OUTLET	+ 100.		+ 130.		115.					
WALNUT WASH	+ 56.		+ 58.		+ 50.					
VALLEY BOULEVARD STATION F261C–R	98.	– 128.	99.	– 124.	54.	– 111.				
SAN JOSE CHANNEL					+ 11.					
AT WHITTIER NARROWS DAM					54.	– 11.				
BEVERLY BOULEVARD STATION F263B–R					61.	+ 7.				
SPREADING GROUNDS					56.	– 5.				

POINT OF FLOW	6–15		7–13		7–20		7–27		8–3	
BELOW MORRIS DAM STATION U8–R	267.		168.		167.		155.		130.	
OLD CONTRACT TUNNEL	+ 13.		+ 12.		+ 12.		+ 11.		+ 11.	
ROGERS CREEK	+ 6.		+ 2.		+ 2.		+ 1.		+ 2.	
SAN GABRIEL CANYON SPREADING GROUNDS BYPASS	+ 20.		+ 19.		+ 19.		+ 13.		+ 12.	
DUARTE PIPELINE RETURN TO RIVER	+ 16.		+ 9.		+ 9.		+ 11.		+ 13.	
FISH CREEK	+ 5.		+ 2.		+ 2.		+ 1.			
TOTAL OUTFLOW AT MOUTH OF CANYON	327.		212.		211.		192.		168.	
FOOTHILL BOULEVARD STATION F190B–R	269.	– 58.	174.	– 38.	172.	– 39.	137.	– 55.	132.	– 36.
NET LOSS TO SANTA FE SPREADING GROUNDS	189.		172.		167.		129.		125.	
RIVER FLOW AT SANTA FE SPREADING GROUNDS	80.		2.		0	– 5.	0	– 8.	0	– 7.
SANTA FE DAM INFLOW	44. (1)	– 36.	0	– 2.						

(1) AFTER DEDUCTING CHANNEL AND RESERVOIR LOSSES
(2) MORE WATER BEING PERCOLATED IN REACH DUE TO TEMPORARY LEVEE BACKING UP RIVER

PERCOLATION LOSSES ON SAN DIMAS CREEK
BASED ON METER MEASUREMENTS
1966–67

POINT OF FLOW	5–16–67 CFS	5–16–67 (–) LOSS OR (+) GAIN	5–17 CFS	5–17 (–) LOSS OR (+) GAIN	5–18 CFS	5–18 (–) LOSS OR (+) GAIN	5–19 CFS	5–19 (–) LOSS OR (+) GAIN	5–22 CFS	5–22 (–) LOSS OR (+) GAIN
SAN DIMAS DAM OUTFLOW STATION F303–R			47.7				33.0			
INFLOW TO PUDDINGSTONE DIVERSION DAM			42.9	– 4.8			30.5	– 2.5		
OUTFLOW FROM DIVERSION DAM TO SAN DIMAS WASH	24.4		44.1		45.6		30.7		39.6	
ROMOLA ROAD			38.8	– 5.3					36.9	– 2.7
SAN DIMAS CANYON ROAD	10.1	– 14.3	30.0	– 8.8	34.9	– 10.7	22.6	– 8.1	30.1	– 6.8
FORBES PIT	7.6	– 2.5	25.3	– 4.7	29.1	– 5.8	20.1	– 2.5	27.7	– 2.4

POINT OF FLOW	5–23		5–24		5–25		6–1		6–6	
SAN DIMAS DAM OUTFLOW STATION F303–R	29.2						20.3			
INFLOW FROM LODI CREEK							+ 1.1			
INFLOW TO PUDDINGSTONE DIVERSION DAM	20.5	– 8.7					18.9	– 2.5		
OUTFLOW FROM DIVERSION DAM TO SAN DIMAS WASH			18.7		8.6		19.2		19.6	
ROMOLA ROAD			15.2	– 3.5	7.4	– 1.2	11.5	– 7.7		
SAN DIMAS CANYON ROAD			11.7	– 3.5					8.7	– 10.9
FORBES PIT			11.0	– 0.7	4.6	– 2.8	9.1	– 2.4	10.3	+ 1.6

POINT OF FLOW	6–8		6–12		6–19		7–12		7–19	
SAN DIMAS DAM OUTFLOW STATION F303–R	16.0									
INFLOW FROM LODI CREEK	+ .6									
INFLOW TO PUDDINGSTONE DIVERSION DAM	13.0	– 3.6								
OUTFLOW FROM DIVERSION DAM TO SAN DIMAS WASH	13.0		9.5		9.5		21.5		16.5	
SAN DIMAS CANYON ROAD	7.7	– 5.3								
MWD TUNNEL FLOW	+ 1.1									
FORBES PIT	8.7	– 0.1	6.8	– 2.7	6.8	– 2.7	6.1	– 15.4	12.3	– 4.2

PERCOLATION LOSSES ON THOMPSON CREEK
BASED ON METER MEASUREMENTS
1966–67

POINT OF FLOW	12–10–66 CFS	12–10–66 (–) LOSS OR (+) GAIN	12–13 CFS	12–13 (–) LOSS OR (+) GAIN
THOMPSON CREEK DAM OUTFLOW STATION F32–R	15.5		2.4	
MOUNTAIN AVENUE	12.1	– 3.4	1.4	– 1.0

TABLE XIII
SUMMARY OF SEASONAL DISCHARGE

WATER YEARS 1965–66 AND 1966–67

YEAR	FC NO.	STATION	LOCATION	MAXIMUM DAILY CFS	MINIMUM DAILY CFS	MEAN CFS	RUNOFF A.F.	PEAK FLOW MONTH	PEAK FLOW DAY	PEAK FLOW CFS
1965-66	F810-R	ALHAMBRA WASH	NEAR KLINGERMAN STREET	748.	0.3	10.7	7,740.	11	24	3,520.
1966-67				662.	0.3	12.2	8,820.	1	22	3,550.
1965-66	M340-R	ALHAMBRA WASH – MWD OUTLET	NEAR RUSH STREET	240.	0	85.8	62,110.	CONTROLLED FLOW		
1966-67				225.	0	63.9	46,260.	CONTROLLED FLOW		
1965-66	F152B-R	ALISO CREEK	BELOW NORDHOFF STREET	356.	0	3.70	2,670.	11	17	3,920.
1966-67				320.	0	3.26	2,360.	1	22	1,910.
1965-66	F375-R	ALISO CANYON CREEK	NEAR BLUM RANCH	N.D.	N.D.	N.D.	INC.	12	29	555.
1966-67				88.	0	3.31	2,400.	12	6	219.
1965-66	F317-R	ARCADIA WASH	BELOW GRAND AVENUE	267.	0.1	4.73	3,430.	12	29	1,270.
1966-67				283.	0.3	6.30	4,560.	1	22	1,260.
1965-66	P277-R	ARROYO SECO	BELOW DEVIL'S GATE DAM	1,680.	0	18.4	13,330.	11	23	2,110.
1966-67				858.	0	9.54	6,900.	12	6	1,620.
1965-66	F38B-R	BALLONA CREEK	AT SAWTELLE BOULEVARD	3,620.	5.3	61.5	44,540.	11	22	18,000.
1966-67				3,020.	6.7	62.5	45,300.	11	7	13,900.
1965-66	F120B-R	BIG DALTON CREEK	BELOW BIG DALTON DAM	32.	0	2.75	2,000.	11	22	52.
1966-67				216.	0	6.70	4,850.	12	6	615.
1965-66	F202-R	BIG DALTON WASH	AT SIERRA MADRE AVENUE	99.	0	1.46	1,060.	11	27	246.
1966-67				365.	+	4.58	3,320.	12	6	1,040.
1965-66	F274B-R	DALTON WASH	AT MERCED AVENUE	571.	0.2	8.71	6,310.	11	22	1,320.
1966-67				693.	0.3	14.0	10,140.	9	1	3,970.
1965-66	F111C-R	BIG TUJUNGA CREEK	BELOW MILL CREEK	1,640.	0	26.8	19,360.	12	29	6,550.
1966-67				814.	0.8	26.0	18,810.	12	6	1,630.
1965-66	F168-R	BIG TUJUNGA CREEK	BELOW BIG TUJUNGA DAM	2,110.	+	41.2	29,820.	11	22	2,910.
1966-67				699.	9.2	41.9	30,340.	12	6	1,550.
1965-66	F213-R	BIG TUJUNGA CREEK	ABOVE GOLD CANYON	2,850.	1.0	63.9	46,250.	12	30	5,220.
1966-67				906.	10.	62.9	45,520.	12	6	1,900.
1965-66	F105B-R	TUJUNGA WASH	BELOW MOORPARK STREET	2,430.	0.1	32.3	23,400.	11	17	5,190.
1966-67				882.	+	13.8	9,980.	11	7	4,950.
1965-66	F329-R	BRADBURY CHANNEL	BELOW CENTRAL AVENUE	46.	0	0.62	448.	12	29	552.
1966-67				52.	0	0.68	547.	1	24	280.
1965-66	F342-R	BRANFORD STREET CHANNEL	BELOW SHARP AVENUE	110.	0	1.36	982.	12	29	587.
1966-67				79.	0	1.20	870.	11	7	445.
1965-66	F2B-R	BROWNS CREEK	AT VARIEL AVENUE	313.	0	2.35	1,700.	11	17	2,020.
1966-67				110.	0	1.36	980.	12	6	379.
1965-66	F108-R	CASTAIC CREEK	AT HIGHWAY 126	2,350.	0	18.5	13,420.	12	29	9,900.
1966-67				994.	0	37.8	27,420.	1	24	4,250.
1965-66	F302-R	COMPTON CREEK	AT 120TH STREET	508.	0	6.12	4,430.	12	29	2,170.
1966-67				485.	0	7.05	5,100.	11	7	3,730.
1965-66	F37B-R	COMPTON CREEK	NEAR GREENLEAF BOULEVARD	809.	+	10.8	7,800.	12	29	3,250.
1966-67				765.	+	11.8	8,560.	11	7	4,650.
1965-66	F354-R	COYOTE CREEK	BELOW SPRING STREET	1,830.	1.2	32.5	23,500.	12	29	5,020.
1966-67				1,840.	1.4	37.9	27,450.	1	22	6,880.
1965-66	F378-R	DOMINGUEZ CHANNEL	AT VERMONT AVENUE	INSTALLED NOVEMBER 23, 1966						N.D.
1966-67				1,220.	0.8	19.2	13,860.	11	7	4,550.
1965-66	F53-R	DUME CREEK	AT PACIFIC COAST HIGHWAY	436.	0	2.92	2,020.	12	29	1,220.
1966-67				263.	0	3.17	2,300.	1	24	1,020.
1965-66	F271-R	EATON WASH	BELOW EATON WASH DAM	173.	0	5.10	3,690.	12	29	503.
1966-67				169.	0	2.63	1,910.	12	6	605.
1965-66	F318-R	EATON WASH	AT LOFTUS DRIVE	605.	0.3	12.4	8,990.	12	29	2,290.
1966-67				548.	0.3	12.0	8,670.	1	24	2,100.
1965-66	F296-R	EVEY CANYON CREEK	AT CAMP BALDY ROAD	44.	0	0.37	268.	11	23	126.
1966-67				46.	+	1.10	799.	12	6	131.
1965-66	F350-R	LIMEKILN CREEK	ABOVE ALISO CREEK	184.	+	2.49	1,800.	11	17	1,860.
1966-67				152.	+	2.16	1,560.	1	22	1,060.
1965-66	F65B-R	LITTLE DALTON CREEK	ABOVE MOUTH OF CANYON	48.	0	1.80	1,300	11	22	280.
1966-67				147.	0	3.47	2,510.	12	6	325.
1965-66	L1-R	LITTLE ROCK CREEK	ABOVE LITTLE ROCK DAM	1,700.	0	33.9	24,530.	12	29	5,740.
1966-67				1,330.	0	29.2	21,100.	12	6	1,970.
1965-66	F19-R	LITTLE TUJUNGA WASH	AT FOOTHILL BOULEVARD	355.	0	5.19	3,760.	11	24	1,300.
1966-67				358.	0	5.72	4,150.	12	6	901.
1965-66	F356-R	LIVE OAK CREEK	BELOW LIVE OAK DAM	6.1	0	0.30	215.	3	1	6.1
1966-67				44.	0	0.93	671.	12	6	194.
1965-66	F311-R	LIVE OAK WASH	7TH AND 13TH STREETS, LA VERNE	212.	0	8.14	5,900.	CONTROLLED FLOW		
1966-67				NO PURCHASED WATER						
1965-66	F300-R	LOS ANGELES RIVER	AT TUJUNGA AVENUE	8,990.	8.2	126.	91,340.	12	29	20,470.
1966-67				5,860.	5.2	83.3	60,320.	11	7	21,010.
1965-66	F266-R	LOS ANGELES RIVER	AT MARIPOSA STREET	8,300.	0	122.	88,390.	12	29	22,500.
1966-67				5,100.	0	77.1	55,790.	11	7	22,100.
1965-66	F57C-R	LOS ANGELES RIVER	ABOVE ARROYO SECO	12,600.	0.1	149.	107,520.	12	29	31,970.
1966-67				7,720.	0.4	115.	83,210.	11	7	32,060.
1965-66	F34D-R	LOS ANGELES RIVER	AT FIRESTONE BOULEVARD	15,690.	4.3	209.	151,200.	12	29	37,100.
1966-67				10,010.	6.0	159.	114,800.	11	7	37,000.
1965-66	F319-R	LOS ANGELES RIVER	BELOW WARDLOW ROAD	22,530.	3.0	342.	247,900.	12	29	61,460.
1966-67				12,350.	9.9	237.	171,900.	11	7	43,680.
1965-66	F279C-R	LOS CERRITOS CHANNEL	AT STEARNS STREET	541.	0.2	9.42	6,820.	1	30	2,930.
1966-67				546.	0.2	10.2	7,390.	1	22	4,020.
1965-66	F130-R	MALIBU CREEK	BELOW COLD CREEK	7,060.	0.1	51.8	37,520.	12	29	20,620.
1966-67				2,710.	0.9	35.5	25,700.	1	24	10,240.
1965-66	P346-R	MILLARD CREEK	ABOVE ARROYO SECO	137.	0	2.86	2,070.	11	22	415.
1966-67				101.	+	2.12	1,540.	12	6	196.
1965-66	F328-R	MINT CANYON CREEK	AT FITCH AVENUE	70.	0	0.81	588.	11	17	684.
1966-67				14.	0	0.10	72.	12	3	185.
1965-66	F330-R	MISSION CREEK	BELOW LEGG LAKE	1.0	0	0.22	160.	CONTROLLED FLOW		
1966-67				10.	0	2.38	1,720.	CONTROLLED FLOW		
1965-66	F83-R	MISSION CREEK	AT SAN GABRIEL BOULEVARD	4.0	0	0.17	120.	12	29	4.0
1966-67				13.	0	3.23	2,340.	4	22	14.
1965-66	F181-R	MONTEBELLO STORM DRAIN	ABOVE RIO HONDO	281.	0.1	4.42	3,200.	12	29	904.
1966-67				288.	0.2	4.9	3,560.	1	24	1,060.
1965-66	F118B-R	PACOIMA CREEK FLUME	BELOW PACOIMA DAM	480.	+	21.0	15,180.	11	23	664.
1966-67				193.	+	32.5	23,550.	7	6	197.
1965-66	F305-R	PACOIMA DIVERSION	AT BRANFORD STREET	614.	0	8.49	6,150.	11	17	4,800.
1966-67				312.	0	6.30	4,560.	1	22	3,140.
1965-66	F15-R	PACOIMA WASH	AT VAN NUYS BOULEVARD	35.	0	0.32	235.	12	29	125.
1966-67				25	0	0.32	231.	1	22	255.
1965-66	F122-R	PALLETT CREEK	AT VALYERMO HIGHWAY	53.	0	1.53	1,110.	12	29	176.
1966-67				3.8	0.3	0.85	618.	12	6	6.6
1965-66	F40-R	PUDDINGSTONE CREEK	BELOW PUDDINGSTONE DAM	110.	+	4.31	3,120.	12	13	112.
1966-67				157.	+	13.9	9,970.	5	5	159.
1965-66	F192B-R	RIO HONDO	AT LOWER AZUSA ROAD	261.	0	7.68	5,570.	11	24	1,440.
1966-67				175.	0	14.7	10,620.	1	22 & 24	438.

TABLE XIII (Continued)

SUMMARY OF SEASONAL DISCHARGE

WATER YEARS 1965–66 AND 1966–67

YEAR	FC NO.	STATION	LOCATION	MAXIMUM DAILY CFS	MINIMUM DAILY CFS	MEAN CFS	RUNOFF A.F.	PEAK FLOW MONTH	PEAK FLOW DAY	PEAK FLOW CFS
1965-66	F64-R	RIO HONDO	ABOVE MISSION BRIDGE	2,340.	0.4	128.	92,390.	12	29	7,100.
1966-67				2,120.	3.4	118.	85,810.	1	24	8,130.
1965-66	F45B-R	RIO HONDO	AT STEWART AND GRAY ROAD	8,310.	0	95.8	69,390.	12	29	19,000.
1966-67				5,120.	+	26.6	21,530.	1	24	20,090.
1965-66	F338-R	RUBIO DIVERSION CHANNEL	BELOW GOOSEBERRY CANYON INLET	18.	0	0.28	206.	12	29	63.
1966-67				12.5	0	0.17	127.	1	22	43.
1965-66	F82C-R	RUBIO WASH	AT GLENDON WAY	466.	0.2	6.43	4,650.	11	24	2,300.
1966-67				344.	0.2	7.22	5,220.	12	3	2,040.
1965-66	F323-R	SAN ANTONIO CREEK	ABOVE STODDARD CANYON	799.	0	29.9	21,630.	NOT DETERMINED		
1966-67				1,220.	0	31.3	22,660.	12	6	2,500.
1965-66	F332-R	SAN ANTONIO WATER COMPANY DIVERSION	NEAR ONTARIO NO. 1 POWER HOUSE	13.	0	1.88	1,360.	11	30	20.
1966-67				25.	0	4.10	2,970.	5	16	35.
1965-66	F303-R	SAN DIMAS CREEK	BELOW SAN DIMAS DAM	242.	+	8.75	6,520.	11	23	500.
1966-67				516.	+	16.1	11,610.	12	6	1,190.
1965-66	F218-R	SAN DIMAS WASH	BELOW PUDDINGSTONE DIVERSION DAM	34.	0	4.60	3,330.	1	4	35.
1966-67				11.8	0	2.90	2,100.	2	13	44.
1965-66	F209-R	SAN GABRIEL RIVER – WEST FORK	BELOW COGSWELL DAM	1,120.	0.3	58.3	42,170.	11	22	2,570.
1966-67				1,040.	0.3	45.2	32,760.	12	6	2,460.
1965-66	P3-R	SAN GABRIEL RIVER – WEST FORK	ABOVE FORKS	4,000.	2.7	160.	115,600.	12	29	12,980.
1966-67				2,320.	7.0	143.	103,600.	12	6	4,700.
1965-66	P4B-R	SAN GABRIEL RIVER – EAST FORK	ABOVE FORKS	2,530.	8.4	131.	94,990.	12	29	9,760.
1966-67				3,190.	14.	153.	110,600.	12	6	6,200.
1965-66	F250-R	SAN GABRIEL – AZUSA CONDUIT	AT 25-FOOT WEIR BELOW SAN GABRIEL DAM	83.	0	35.7	25,840.	2	22	83.
1966-67				100.	0	52.7	38,130.	8	26-28	100.
1965-66	F220B-R	SAN GABRIEL – AZUSA CONDUIT	AT 10-FOOT WEIR BELOW SAN GABRIEL DAM	SEE STATION F250-R						
1966-67				84.	0	41.8	30,250.	4	22	88.
1965-66	U8-R	SAN GABRIEL RIVER	BELOW MORRIS DAM	7,260.	0	225.	162,900.	11	23	8,640.
1966-67				3,750.	0	232.	167,900.	12	6	5,680.
1965-66	F190-R	SAN GABRIEL RIVER	AT FOOTHILL BOULEVARD	8,680.	0	240.	173,700.	11	23	9,420.
1966-67				3,660.	0	249.	180,000.	12	6	9,831.
1965-66	M33S-R	SAN GABRIEL – MWD OUTLET	BELOW SAN BERNARDINO ROAD	349.	0	101.	72,830.	11	15-17	349.
1966-67				291.	0	93.4	67,610.	10	8	350.
1965-66	F261C-R	SAN GABRIEL RIVER	BELOW VALLEY BOULEVARD	6,070.	0	164.	118,600.	11	23	11,320.
1966-67				1,440.	0	66.3	48,000.	1	24	7,880.
1965-66	F263-R	SAN GABRIEL RIVER	AT BEVERLY BOULEVARD	916.	0	76.4	55,300.	2	6	2,670.
1966-67				2,270.	0.3	86.7	62,800.	1	23	5,680.
1965-66	F262-R	SAN GABRIEL RIVER	AT FLORENCE AVENUE	697.	0	7.76	5,620.	1	30	2,080.
1966-67				1,900.	0	32.2	23,300.	1	23	4,320.
1965-66	F42B-R	SAN GABRIEL RIVER	ABOVE SPRING STREET	630.	0	10.2	7,400.	2	6	1,950.
1966-67				1,960.	0	37.1	26,850.	1	23	4,760.
1965-66	F312-R	SAN JOSE CHANNEL	ABOVE WORKMAN MILL ROAD	1,640.	+	21.1	15,290.	12	29	5,220.
1966-67				2,290.	2.8	36.3	26,260.	1	24	10,240.
1965-66	F357-R	SAN JOSE CREEK	AT MISSION MILL ROAD	19.	+	0.82	596.	12	29	122.
1966-67				43.	0.3	1.38	1,000.	1	24	152.
1965-66	F119C-R	SANTA ANITA CREEK	BELOW SANTA ANITA DAM	442.	+	17.2	12,420.	12	29	985.
1966-67				440.	+	20.8	15,090.	12	6	924.
1965-66	F260C-R	SANTA ANITA WASH	BELOW FOOTHILL BOULEVARD	481.	0	10.5	7,580.	12	29	1,260.
1966-67				488.	0	14.6	10,590.	12	6	914.
1965-66	F193B-R	SANTA ANITA WASH	AT LONGDON AVENUE	541.	+	12.0	8,730.	12	29	1,380.
1966-67				613.	+	14.9	10,770.	12	6	1,180.
1965-66	F93-R	SANTA CLARA RIVER	ABOVE LANG RAILROAD STATION	942.	0.4	12.7	9,240.	12	29	4,040.
1966-67				90.	0.8	11.4	8,270.	1	24	265.
1965-66	F135-R	SANTA CLARA RIVER – SOUTH FORK	AT SAUGUS-VENTURA ROAD	1,230.	0	10.6	7,700.	11	17	5,630.
1966-67				594.	0	7.25	5,250.	12	6	1,820.
1965-66	F92-R	SANTA CLARA RIVER	AT OLD HIGHWAY BRIDGE	3,200.	0	22.0	15,940.	12	29	11,630.
1966-67				820.	+	9.81	7,100.	1	24	3,000.
1965-66	F280-R	SANTA FE CHANNEL	BELOW SANTA FE DAM	348.	0	10.4	7,540.	1	7	425.
1966-67				227.	0	21.3	15,470.	12	18	236.
1965-66	F125-R	SANTIAGO CREEK	ABOVE LITTLE ROCK CREEK	78.	0	1.28	926.	12	29	269.
1966-67				38.	0	1.37	982.	12	6	66.
1965-66	F278-R	SAWPIT CREEK	BELOW SAWPIT DAM	48.	0	2.83	2,050.	12	29	54.
1966-67				142.	0	5.30	3,840.	12	6	240.
1965-66	U5-R	SAWPIT CREEK	BELOW MONROVIA CANYON	83.	+	2.99	2,760.	12	29	222.
1966-67				152.	+	5.98	4,330.	12	7	376.
1965-66	F194B-R	SAWPIT WASH	BELOW ARROW HIGHWAY	320.	+	7.28	9,240.	12	29	1,470.
1966-67				298.	+	22.1	16,020.	12	3	1,120.
1965-66	F301-R	SAWTELLE – WESTWOOD CHANNEL	ABOVE CULVER BOULEVARD	848.	0.1	13.2	9,550.	11	22	4,140.
1966-67				524.	0.6	13.5	9,770.	1	22	3,610.
1965-66	F67B-R	SIERRA MADRE WASH	BELOW SIERRA MADRE DAM	46.	0	2.05	1,490.	12	29	93.
1966-67				63.	0	2.04	1,480.	12	6	87.
1965-66	F267B-R	SIERRA MADRE WASH	AT HIGHLAND OAKS DRIVE	177.	0	2.05	1,480.	12	29	384.
1966-67				78.	0	0.96	695.	12	3 & 6	190.
1965-66	B324-R	STODDARD CREEK	ABOVE SAN ANTONIO CREEK	50.	0	0.97	699.	11	22	E 600.
1966-67				175.	0	2.17	1,570.	12	6	471.
1965-66	F43-R	SYCAMORE CANYON CHANNEL	ABOVE SOLWAY STREET	123.	+	1.91	1,390.	11	24	693.
1966-67				53.	+	0.90	655.	1	22	687.
1965-66	F276-R	THOMPSON CREEK SPREADING GROUNDS INTAKE	AT THOMPSON CREEK DAM	+	0	+	+	VARIOUS		0.1
1966-67				12.7	0	0.06	45.	12	8	13.
1965-66	F32B-R	THOMPSON CREEK	BELOW THOMPSON CREEK DAM	0	0	0	0	–	–	0
1966-67				23.	0	0.43	306.	12	6	130.
1965-66	F54B-R	TOPANGA CREEK	ABOVE MOUTH OF CANYON	1,120.	+	10.0	7,270.	12	29	3,500.
1966-67				569.	0.1	7.00	5,070.	1	24	2,280.
1965-66	F252-R	VERDUGO WASH	AT ESTELLE AVENUE	1,030.	+	12.2	8,830.	12	29	3,480.
1966-67				422.	0.5	10.4	7,530.	1	22	3,230.
1965-66	F304-R	WALNUT CREEK	AT PUENTE AVENUE	646.	0.2	11.0	7,920.	12	29	2,060.
1966-67				685.	0.1	20.8	15,060.	1	24	3,360.

TABLE XIV

RUNOFF WASTE TO OCEAN IN ACRE-FEET

YEAR	SAWTELLE-WESTWOOD CHANNEL AT CULVER BOULEVARD	BALLONA CREEK AT SAWTELLE BOULEVARD AT CENTINELA [1] BOULEVARD	DOMINGUEZ CHANNEL AT VERMONT AVENUE [9]	LOS ANGELES RIVER BELOW WARDLOW ROAD AT PACIFIC COAST HIGHWAY [3] AT WILLOW STREET [2]	LOS CERRITOS CHANNEL AT STEARNS STREET AT SEVENTH STREET [4] AT ATHERTON STREET [5]	SAN GABRIEL RIVER AT SPRING STREET	COYOTE CREEK AT SPRING STREET AT CENTRALIA ROAD [7] NEAR DEL AMO STREET [6]	TOTAL MEASURED WASTE TO OCEAN	RAINFALL INDEX MEAN FOR COUNTY
1927-28		3,930. [1]				NO FLOW			66
1928-29		14,900. [1]		9,340. INC. [2]		" "		24,240.	70
1929-30		13,480. [1]		12,310. [2]		" "	699. [6]	26,490.	79
1930-31	Prior to 1/22/51, discharge of Sawtelle-Westwood Channel was included in Ballona Creek at Sawtelle Boulevard.	18,520. [1]	No discharge record prior to 10/1/40.	14,400. [2]	[4] During period 1942 to 1949 when station was at Seventh Street, records of discharge were not determined due to tidal fluctuations.	" "	568. [6]	33,490.	94
1931-32		21,790. [1]		50,960. [3]		6,560.	2,690. [6]	82,000.	125
1932-33		15,810. [1]		22,890. [3]		809.	457. [6]	39,970.	74
1933-34		20,630. [1]		67,860. [3]		12,370.	3,890. [6]	104,750.	70
1934-35		24,870. [1]		40,470. [3]		2,380.	3,850. [6]	71,570.	134
1935-36		13,486. [1]		20,470. [3]		1,190.	1,150. [6]	36,300.	69
1936-37		40,680.		91,100. [3]		13,510.	13,680. [6]	158,970.	144
1937-38		52,500.		408,000. [3]		88,020.	15,070. [6]	563,590.	150
1938-39		28,490.		82,750. [3]		1,080.	4,250. [6]	116,570.	121
1939-40		21,110.		65,930. [3]		1,460.	3,190. [6]	91,690.	82
1940-41		67,360.	32,260.	369,500. [3]		65,890.	29,500. [6]	564,510.	219
1941-42		17,250.	3,570.	93,390. [3]		10,830.	1,560. [6]	126,600.	81
1942-43		34,240.	12,200.	264,900. [3]		175,100.	12,070. [6]	498,510.	150
1943-44		33,000.	19,020.	217,400. [3]		72,200.	12,060. [6]	353,680.	161
1944-45		24,450.	9,010.	100,200. [3]		22,280.	3,800. [6]	159,740.	92
1945-46		18,380.	8,890.	91,790. [3]		12,590.	3,540. [6]	135,190.	90
1946-47		26,300.	10,650.	106,000. [3]		24,100.	2,460. [6]	69,510.	94
1947-48		13,630.	5,200.	52,820. [3]		NO FLOW	1,500. [6]	73,150.	53
1948-49		16,090.	5,660.	44,350. [3]		" "	951. [6]	67,050.	59
1949-50		23,250.	6,590.	42,180. [3]	1,900. [5]	" "	1,800. [6]	75,720.	66
1950-51	INC.	18,860.	9,180.	36,600. [3]	2,190. [5]	" "	1,420. [6]	68,250.	43
1951-52	10,180.	53,350.	25,700.	212,200. [3]	9,730. [5]	21,100. EST.	23,920. [6]	356,180.	172
1952-53	2,790.	19,910.	9,630.	44,490. [3]	2,810. [5]	220.	1,160. [6]	81,010.	62
1953-54	6,960.	28,480.	13,800.	70,790. [3]	5,850. [5]	2,060.	3,990. [6]	131,930.	87
1954-55	3,130.	21,600.	11,850.	60,120. [3]	4,500. [5]	820.	1,220. [6]	103,240.	78
1955-56	6,450.	34,590.	22,370.	46,030.	6,500.	9,390.	7,280. [7]	182,610.	82
1956-57	5,200.	22,240.	11,440.	48,710.	2,920.	896.	1,200. [7]	92,610.	73
1957-58	8,410.	43,040.	30,080.	191,200.	9,730.	22,930.	15,660. [7]	321,050.	167
1958-59	3,440.	13,730.	13,270.	49,390.	2,410.	2,670.	3,080. [7]	87,990.	51
1959-60	4,070.	17,190.	15,790.	49,100.	3,780.	1,860.	4,420. [7]	96,210.	56
1960-61	2,820.	12,560.	9,050.	32,000.	1,830.	448.	1,720. [7]	60,430.	41
1961-62	14,520.	50,090.	32,220.	177,400.	8,860.	23,070.	22,490. [7]	328,650.	127
1962-63	5,640.	21,450.	18,810.	54,700.	4,610.	5,290.	6,400. [7]	116,900.	70
1963-64	4,270.	18,000.	– [8]	47,020.	2,410.	3,160.	7,950.	82,810.	56
1964-65	6,070.	27,540.	– [8]	76,680.	4,960.	8,770.	12,220.	136,240.	82
1965-66	9,550.	44,540.	– [8]	247,900.	6,820.	7,400.	23,500.	339,710.	130
1966-67	9,770.	45,300.	13,860. [9]	171,900.	7,390.	26,850.	27,450.	302,520.	131

1/ At Centinela Boulevard February 1928 to April 27, 1936. At Sawtelle Boulevard after May 1, 1936.

2/ At Willow Street prior to 1931.

3/ At Pacific Coast Highway from 1931 to January 1956. Wardlow Road after January 1956.

4/ At Seventh Street November 1942 to June 1949.

5/ At Atherton Street June 1949 to May 1955. At Stearns Street after October 1955.

6/ Near Del Amo Street January 1930 to February 1956.

7/ At Centralia Road after February 1956 to October 1963. At Spring Street after October 1963.

8/ Discontinued May 1964, due to channel reconstruction.

9/ At Vermont Avenue November 1966.

DAM OPERATION RECORDS

DAMS AND RESERVOIRS

FOREWORD

The District operated and maintained fourteen dams during the 1965-66 and 1966-67 water years. The Los Angeles District, Corps of Engineers, Department of the Army, operated and maintained Hansen Dam on the Tujunga Wash, Sepulveda Dam on the Los Angeles River, Whittier Narrows Dam and Santa Fe Dam on the San Gabriel River and the Rio Hondo and San Antonio Dams on the San Antonio Creek.

Pertinent data relative to the District's flood control and water conservation dams are presented in the following tabulation:

FLOOD CONTROL AND CONSERVATION DAMS

Dam	Date of Completion	Date of Survey for Original Storage	Original Storage at Spwy. A.F.	Date of Latest Survey	Latest Storage at Spwy. A.F.	Drainage Area Sq. Miles
1. Pacoima	Feb. 1929	1919	6,060	Aug. 1966	4,453	28.2
2. Big Tujunga	July 1931	1928	6,240	Oct. 1966	3,819	82.3
3. Devil's Gate	June 1920	1929	4,567	Sep. 1966	2,598	31.9
4. Eaton Wash	Feb. 1937	Jan. 1936	956	July 1967	737	9.5
5. Santa Anita	May 1927	1923	1,376	June 1967	635	10.8
6. Sawpit	June 1927	1923	476	Mar. 1967	269	3.3
7. Cogswell	Apr. 1934	Jan. 1936	12,298	June 1966	9,999	39.2
8. San Gabriel	July 1939	1938(4)	53,344	Aug. 1967	40,697	163.5(1)
9. Big Dalton	Aug. 1929	1935(5)	1,053	Apr. 1967	692	4.5
10. San Dimas	Sep. 1922	1919	1,496	Apr. 1967	1,129	16.2
11. Puddingstone Diversion(2)	July 1928	1929	148	Oct. 1967	200	3.7(7)
12. Puddingstone	Jan. 1928	1915	17,398	Nov. 1965	16,856	11.0(3)
13. Live Oak	Nov. 1922	1919	250	Mar. 1967	215	2.3
14. Thompson Creek	Mar. 1928	Oct. 1932	812(6)	Feb. 1967	510	3.5

(1) Exclusive of drainage area above Cogswell Dam.
(2) Temporary storage - functions primarily to divert flow.
(3) Exclusive of drainage area above Live Oak, San Dimas and Puddingstone Diversion Dams.
(4) Based on a partial survey prior to March 2, 1938 and extrapolations.
(5) 1935 is a date of first complete survey; original reconnaissance survey was made in 1923. Earlier publications show storage based on volumetric computations with extrapolations based on the 1923 survey (1,194 A.F.).
(6) Spillway lip lowered in 1942 from elevation 1,640, to elevation 1,634.85. Original storage based on elevation 1,634.85 would have been 645 A.F.
(7) Formerly, 2.6 square miles, includes Ham Canyon beginning 1961-62. Excludes drainage area above San Dimas Dam.

PURPOSE

Dams of the Los Angeles County Flood Control District serve two purposes, flood control and water conservation.

OPERATION

The District reservoirs are operated in such a manner as to achieve the maximum flood protection during the storm season. Releases of water are made so as to conserve as much water as possible in spreading grounds and by natural channel infiltration. Late in the rainy period, water is stored to provide for the dry summer months.

Reclaiming of valuable storage capacity is effected by sluicing from the District reservoirs to the limit of available and safe channel capacity below the dams when runoff and storage conditions permit, by excavating by District on force account, and by permittees, where feasible.

The following tabulation shows the amount of debris removed from reservoirs by sluicing and excavation during the two seasons:

Dam	Acre-Feet
Devil's Gate	79.1
Eaton Wash	0.9
Santa Anita	82.7
Cogswell	3.2
San Gabriel	841.0
Puddingstone Diversion	93.6

RECORDS

The daily storage and flow records at fourteen of the District dams are summarized on the Dam Operation Record Sheets. The sheets show:

1. Reservoir water surface elevations based on spillway datum. Elevations are obtained from water-stage recorder graphs or interpolation from staff gage readings and recorded as of midnight of each day.

2. Storage in acre-feet based on most recent topographic surveys.

3. Inflow in cubic feet per second is usually calculated from storage change and known outflow. When outflow is not known, the inflow may be determined from gaging station records or interpolated between measurements.

4. Outflow in cubic feet per second is mean daily valve and/or spillway discharge. These are determined from gaging station records, known valve openings and rating curves, or from storage change and known inflow.

5. In some instances, total monthly and yearly evaporation and percolation losses have been computed and are indicated on the Dam Operation Records. Discrepancies between outflow and storage losses at certain dams were attributable to percolation and/or evaporation losses and are shown as total monthly and yearly losses. Total monthly evaporation losses are shown as determined from measurements made on floating or land evaporation pans. In those cases where no allowances were made for evaporation, the amounts are necessarily included in the flow values.

Accuracy of the flow records computed from storage records is dependent on the frequency with which storage data are revised to keep in step with physical change in reservoirs. Percentage of error is in direct proportion to the error in water surface areas through the range at which the flows were computed; normally, the error is small.

RESPONSIBILITY

The compilation of the reservoir records and assembly for publication during 1965-66 and 1966-67 were under the immediate supervision of R. E. Lindsay, Section Head, Reservoir and Runoff Section, assisted by F. E. Stunden and S. E. Blakely, R. A. Petersen, J. A. Singer and F. Mead III.

Field and office work was under the direction of M. F. Burke, Division Engineer, Hydraulic, from October 1, 1965 to June 30, 1966, and J. H. Brown, Division Engineer, Hydraulic, subsequent to June 1966.

Operation of reservoirs during both storm and normal periods was under the direction of W. R. Ferrell, Supervising Civil Engineer, Operation and Maintenance, through April 1966. After April 1966 reservoir operations were directed by J. H. Brown, Division Engineer, Hydraulic. Maintenance and routine mechanical operation of dams and construction of various appurtenances for dams, debris basins and spreading grounds were under the direction of H. H. Haile, Division Engineer, Operation and Maintenance, assisted by K. W. Kummerfeld.

760138N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PACOIMA Dam

In Pacoima Canyon for the Year Ending September 30, 1966

Drainage Area 28.2 Square Miles. Capacity of Reservoir 4,453. 4,580.8 Ac. Ft. at Spillway Elev. 1,950.0 Ft. as of August May 66 1962

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	NOVEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	DECEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	JANUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	1,818.4	222.3	0.1	0	1,818.5	223.2	0.2	0	1,900.3	2039.3	70.7	96	1,904.7	2082.3	160.2	112	1
2	1,818.4	222.3	0.1	0	1,818.5	223.2	0.2	0	1,898.3	1,963.4	64.0	102	1,905.6	2118.8	130.6	112	2
3	1,818.4	222.3	0.1	0	1,818.4	222.3	0	0	1,894.4	1,821.1	58.4	130	1,906.7	2164.0	115.0	92	3
4	1,818.4	222.3	0.1	0	1,818.4	222.3	0.2	0	1,890.2	1,675.9	44.0	117	1,907.6	2201.5	96.1	77	4
5	1,818.4	222.3	0.1	0	1,818.4	222.3	0.2	0	1,885.4	1,519.8	40.5	119	1,908.2	2226.8	89.0	76	5
6	1,818.4	222.3	0.1	0	1,818.4	222.3	0.2	0	1,880.3	1,365.2	39.8	117	1,908.2	2226.8	74.2	74	6
7	1,818.4	222.3	0.1	0	1,818.4	222.3	0.2	0	1,874.7	1,211.5	38.2	116	1,908.1	2222.5	70.0	72	7
8	1,818.4	222.3	0.1	0	1,818.4	222.3	0.2	0	1,868.6	1,054.4	38.0	117	1,907.6	2201.5	61.6	72	8
9	1,818.4	222.3	0.1	0	1,818.4	222.3	0.2	0	1,866.3	998.0	32.6	61	1,906.9	2172.3	57.5	72	9
10	1,818.4	222.3	0.1	0	1,818.4	222.3	0.2	0	1,865.2	971.7	30.7	44	1,905.9	2131.0	51.4	72	10
11	1,818.4	222.3	0.1	0	1,818.4	222.3	0.2	0	1,860.6	865.7	26.5	80	1,905.0	2094.4	47.7	66	11
12	1,818.4	222.3	0.1	0	1,818.4	222.3	0.2	0	1,860.9	872.5	41.5	38	1,904.0	2054.1	43.9	64	12
13	1,818.5	223.2	0.6	0	1,818.4	222.3	0.2	0	1,852.5	695.7	30.8	120	1,903.0	2014.4	41.2	61	13
14	1,818.5	223.2	0.1	0	1,818.4	222.3	0.1	0	1,849.9	646.6	30.3	55	1,902.0	1,975.2	40.5	60	14
15	1,818.5	223.2	0.1	0	1,818.5	223.2	0.5	0	1,847.4	601.6	17.3	40	1,901.2	1,944.2	44.5	60	15
16	1,818.5	223.2	0.1	0	1,819.4	231.7	4.3	0	1,841.7	507.5	22.7	70	1,899.4	1,875.8	25.7	60	16
17	1,818.5	223.2	0.1	0	1,828.8	330.1	49.6	0	1,837.7	447.1	17.7	48	1,898.2	1,831.0	35.8	58	17
18	1,818.5	223.2	0.1	0	1,838.3	455.8	63.4	0	1,840.7	492.0	22.8	0	1,897.0	1,786.9	34.0	56	18
19	1,818.5	223.2	0.1	0	1,841.1	498.2	21.3	0	1,843.4	534.5	21.7	0	1,895.6	1,666.1	29.4	90	19
20	1,818.5	223.2	0.1	0	1,842.8	524.8	13.5	0	1,845.8	574.0	20.1	0	1,888.8	1,504.3	27.7	109	20
21	1,818.5	223.2	0.1	0	1,844.0	544.2	9.7	0	1,848.0	612.2	19.4	0	1,883.5	1,336.2	23.6	108	21
22	1,818.5	223.2	0.1	0	1,884.7	1,497.9	535.9	55	1,850.0	648.4	18.5	0	1,878.0	1,176.1	25.6	106	22
23	1,818.5	223.2	0.1	0	1,888.1	1,606.3	534.6	480	1,851.8	682.2	17.0	0	1,871.8	1,011.9	22.5	105	23
24	1,818.5	223.2	0.1	0	1,902.3	2117.2	646.6	389	1,853.5	715.3	16.9	0	1,865.1	855.2	24.3	103	24
25	1,818.5	223.2	0.1	0	1,904.3	2197.2	370.3	330	1,855.2	749.5	17.5	0	1,856.0	668.6	31.2	125	25
26	1,818.5	223.2	0.1	0	1,905.8	2258.7	186.0	155	1,856.7	780.7	15.9	0	1,850.1	565.9	33.5	85	26
27	1,818.5	223.2	0.1	0	1,906.6	2291.9	136.9	120	1,858.2	812.8	16.4	0	1,842.3	450.2	29.0	86	27
28	1,818.5	223.2	0.1	0	1,905.6	2250.4	102.1	123	1,850.7	661.4	9.8	86	1,835.5	378.7	33.2	69	28
29	1,818.5	223.2	0.2	0	1,903.9	2181.0	104.2	139	1,885.3	1,392.0(1)	509.2	78	1,839.7	416.7	19.6	0.1	29
30	1,818.5	223.2	0.2	0	1,901.6	2089.8	90.1	136	1,897.7	1,812.6	328.1	116	1,844.2	476.4	30.2	0.1	30
31	1,818.5	223.2	0.2	0					1,902.3	1,987.0	205.9	119	1,847.5	525.5	24.9	0.1	31
TOTAL			3.9	0			2,371.5	1,927.0			1,882.9	1,868.0			1,572.6	2,302.3	
Inf. Ac. Ft.			7.7				5,695.5				3,734.7				3,119.2	12,557.1	
Outf. Ac. Ft.			0 + (6.7)				3,822.1 + ((6.7)				3,705.1 + (7.7)			4,566.5 + (14.1)		12,093.7 + (35.0)	
Maximum Mean Daily Inflow			0.6				646.6				509.2				160.2	646.6	
Minimum Mean Daily Inflow			0.1				0				9.8				19.6	0	
Storage Change		+ 0.9				+ 1,866.6				- 102.8				- 1,461.5		+ 303.2 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,917.9	feet	on	3/30/66	Storage	2,665.3	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	1,818.4	feet	on	10/1/65	Storage	222.3	Acre Feet	E. K. BARR	Dam Tender	Gage Hts. copied JAS FM 10/5/66
Max. Peak Inf.	2,010.	C. F. S. from	8:00 P.M.	on	11/22/65	to	9:00 P.M.	on	11/22/65	J. R. HYDE	Hydrographer	Storage applied JAS FM 10/5/66
Max. Peak Outf.	664.	C. F. S. from	3:30 P.M.	on	11/23/65	to	4:30 P.M.	on	11/23/65		Hydrographer	Inf. & Outf. comp. JAS FM

REMARKS (1) 124.6 A.F. LOSS DUE TO SILTATION. CHANGE TO TABLE X 12/29.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PACOIMA Dam

In Pacoima Canyon for the Year Ending September 30, 1966

Drainage Area 28.2 Square Miles. Capacity of Reservoir 4,453. Ac. Ft. at Spillway Elev. 1,950.0 Ft. as of August 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MARCH Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	APRIL Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MAY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	1,850.2	567.5	21.4	0.1	1,899.3	1,872.0	17.3	0.1	1,915.5	2551.6	7.4	16.5	1,845.2	490.7	4.5	0.1	1
2	1,852.7	609.1	21.1	0.1	1,900.2	1,906.0	17.6	0.1	1,915.2	2537.5	6.3	13.1	1,845.8	499.6	4.7	0.1	2
3	1,854.8	646.3	19.0	0.1	1,901.1	1,940.4	17.7	0.1	1,915.5	2551.5	7.5	0.1	1,846.3	507.0	4.0	0.1	3
4	1,856.8	683.9	19.2	0.1	1,901.9	1,971.3	16.0	0.1	1,915.9	2570.2	9.8	0.1	1,846.9	516.0	4.7	0.1	4
5	1,858.7	721.0	18.9	0.1	1,902.7	2002.6	16.2	0.1	1,916.2	2584.4	7.6	0.1	1,847.4	523.7	4.1	0.1	5
6	1,863.3	816.0	48.1	0.1	1,903.5	2034.2	16.3	0.1	1,916.5	2598.6	7.5	0.1	1,847.9	531.4	4.1	0.1	6
7	1,867.1	900.2	42.7	0.1	1,904.3	2066.2	16.5	0.1	1,916.8	2612.7	7.5	0.1	1,848.4	539.1	4.0	0.1	7
8	1,869.9	965.6	33.3	0.1	1,905.0	2094.4	14.7	0.1	1,917.1	2627.0	7.6	0.1	1,849.0	548.5	5.0	0.1	8
9	1,872.2	1,021.8	28.6	0.1	1,905.7	2122.9	14.7	0.1	1,917.4	2641.4	7.7	0.1	1,849.6	558.0	5.0	0.1	9
10	1,874.5	1,081.0	30.2	0.1	1,906.5	2155.8	17.0	0.1	1,917.7	2655.7	7.6	0.1	1,850.2	567.5	5.0	0.1	10
11	1,876.5	1,134.8	27.4	0.1	1,907.1	2180.6	12.9	0.1	1,913.1	2441.0	6.0	113.9	1,850.8	577.3	5.1	0.1	11
12	1,878.3	1,184.5	25.3	0.1	1,907.8	2209.9	15.2	0.1	1,908.6	2243.7	7.0	106.2	1,851.4	587.1	5.1	0.1	12
13	1,880.0	1,232.7	24.6	0.1	1,908.4	2235.3	13.2	0.1	1,902.3	1987.0	4.8	133.9	1,851.9	595.4	4.4	0.1	13
14	1,881.7	1,282.2	25.3	0.1	1,909.0	2260.7	13.2	0.1	1,894.0	1680.0	5.9	160.4	1,852.4	603.9	4.5	0.1	14
15	1,883.2	1,327.1	22.9	0.1	1,909.6	2286.5	13.4	0.1	1,885.1	1,385.6	3.7	151.8	1,852.8	610.8	3.7	0.1	15
16	1,884.7	1,373.2	23.6	0.1	1,910.2	2312.4	13.5	0.1	1,876.0	1,121.1	7.9	141.0	1,853.2	617.7	3.7	0.1	16
17	1,886.1	1,417.2	22.5	0.1	1,910.7	2334.2	11.4	0.1	1,865.5	864.2	7.8	137.0	1,853.7	626.5	4.6	0.1	17
18	1,887.5	1,462.0	22.9	0.1	1,911.3	2360.6	13.7	0.1	1,852.6	607.4	11.8	141.0	1,854.0	631.8	2.9	0.1	18
19	1,889.7	1,501.0	19.9	0.1	1,911.8	2382.7	11.5	0.1	1,837.5	390.2	9.8	119.0	1,854.3	637.2	2.9	0.1	19
20	1,890.0	1,543.8	21.9	0.1	1,912.3	2405.0	11.8	0.2	1,835.9	371.9	9.5	18.5	1,854.7	644.5	3.9	0.1	20
21	1,891.1	1,580.6	18.8	0.1	1,912.7	2422.9	9.5	0.2	1,837.0	384.4	6.6	0.1	1,855.0	649.9	2.9	0.1	21
22	1,892.2	1,617.9	19.2	0.1	1,913.1	2441.0	9.6	0.2	1,838.1	397.3	6.8	0.1	1,855.4	657.4	4.0	0.1	22
23	1,893.3	1,655.7	19.3	0.1	1,913.5	2459.2	9.7	0.2	1,839.0	408.1	5.7	0.1	1,855.7	663.0	3.0	0.1	23
24	1,894.4	1,694.0	19.6	0.1	1,914.0	2482.0	12.0	0.2	1,839.9	419.2	5.9	0.1	1,856.0	668.6	3.0	0.1	24
25	1,895.5	1,733.0	20.0	0.1	1,914.6	2509.7	14.4	0.2	1,840.7	429.4	5.5	0.1	1,856.3	674.3	3.1	0.1	25
26	1,896.5	1,768.8	18.3	0.1	1,915.1	2532.9	12.2	0.2	1,841.5	439.7	5.5	0.1	1,856.6	680.1	3.1	0.1	26
27	1,897.5	1,805.2	18.7	0.1	1,915.5	2551.6	10.1	0.2	1,842.3	450.2	5.6	0.1	1,856.9	685.8	3.1	0.1	27
28	1,898.4	1,838.4	17.0	0.1	1,915.9	2570.2	9.9	0.2	1,843.1	461.0	5.7	0.1	1,857.2	691.6	3.1	0.1	28
29					1,916.3	2589.1	10.2	0.2	1,843.9	472.1	5.9	0.1	1,857.5	697.4	3.2	0.1	29
30					1,916.3	2589.1	9.5	9.1	1,844.6	482.1	5.3	0.1	1,857.8	703.2	3.3	0.1	30
31					1,915.9	2570.2	5.2	14.4				4.1	1,858.0	707.1	2.2	0.1	31
TOTAL			669.7	2.8			406.1	27.4			209.2	1,254.1			119.9	3.1	
Inf. Ac. Ft.			1,328.3				805.5				414.9				237.8	15,343.8	
Outf. Ac. Ft.			5.6 + (9.9)				54.3 + (19.4)				2,487.5 + (15.7)				6.1 + (6.7)	14,646.8 + (86.7)	
Maximum Mean Daily Inflow			49.2				17.9				11.5				5.1	646.6	
Minimum Mean Daily Inflow			17.1				5.3				3.9				2.2	0	
Storage Change		+ 1,312.9				+ 731.8				- 2,088.1				+ 225.0		+ 484.8 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,917.9	feet	on	3/30/66	Storage	2,665.3	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	1,818.4	feet	on	10/1/65	Storage	222.3	Acre Feet	E. K. BARR	Dam Tender	Gage Hts. copied JAS FM 10/5/66
Max. Peak Inf.	2,010.	C. F. S. from	8:00 P.M.	on	11/22/65	to	9:00 P.M.	on	11/22/65	J. R. HYDE	Hydrographer	Storage applied JAS FM 10/5/66
Max. Peak Outf.	664.	C. F. S. from	3:30 P.M.	on	11/23/65	to	4:30 P.M.	on	11/23/65		Hydrographer	Inf. & Outf. comp. JAS FM TS

REMARKS (1) 124.6 ACRE-FOOT LOSS DUE TO SILTATION.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PACOIMA Dam

In Pacoima Canyon for the Year Ending September 30, 1966

~~On~~

Continuous Water Stage Recorder Au

Drainage Area 28.2 Square Miles. Capacity of Reservoir 4,453. Ac. Ft. at Spillway Elev. 1,950.0 Ft. as of August 1966 Gage Heights Read Daily

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C.F.S. Inflow	JUNE C.F.S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C.F.S. Inflow	JULY C.F.S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C.F.S. Inflow	AUGUST C.F.S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C.F.S. Inflow	SEPTEMBER C.F.S. Outflow	Day
1	1,858.2	711.1	2.2	0.1	1,862.1	790.4	0.8	0.1	1,834.7	358.5	0.6	23	1,831.8	327.1	0.4	0.1	1
2	1,858.4	715.0	2.2	0.1	1,862.2	792.5	0.8	0.1	1,830.8	316.4	0.6	22	1,831.8	327.1	0.4	0.1	2
3	1,858.7	721.0	3.2	0.1	1,862.2	792.5	0.8	0.1	1,829.6	303.9	0.6	7.5	1,831.8	327.1	0.4	0.1	3
4	1,858.9	724.9	2.2	0.1	1,862.2	792.5	0.8	0.1	1,829.7	304.9	0.6	0.2	1,831.9	328.1	0.4	0.1	4
5	1,859.1	728.9	2.2	0.1	1,862.3	794.7	0.8	0.1	1,829.8	305.9	0.6	0.2	1,831.9	328.1	0.4	0.1	5
6	1,859.3	733.0	2.3	0.1	1,862.3	794.7	0.4	0.1	1,829.9	307.0	0.6	0.1	1,831.9	328.1	0.4	0.1	6
7	1,859.5	737.0	2.2	0.1	1,862.3	794.7	0.4	0.1	1,830.0	308.0	0.6	0.1	1,832.0	329.2	0.4	0.1	7
8	1,859.7	741.0	2.2	0.1	1,862.3	794.7	0.4	0.1	1,830.1	309.0	0.6	0.1	1,832.0	329.2	0.4	0.1	8
9	1,859.9	745.1	2.3	0.1	1,862.3	794.7	0.4	0.1	1,830.2	310.1	0.6	0.1	1,832.1	330.3	0.4	0.1	9
10	1,860.1	749.1	2.2	0.1	1,862.3	794.7	0.4	0.1	1,830.3	311.2	0.6	0.1	1,832.1	330.3	0.4	0.1	10
11	1,860.3	753.2	2.2	0.1	1,862.4	796.8	0.6	0.1	1,830.4	312.2	0.6	0.1	1,832.1	330.3	0.4	0.1	11
12	1,860.4	755.3	1.3	0.1	1,862.4	796.8	0.6	0.1	1,830.5	313.2	0.6	0.1	1,832.2	331.3	0.4	0.1	12
13	1,860.5	757.3	1.2	0.1	1,862.4	796.8	0.6	0.1	1,830.6	314.3	0.6	0.1	1,832.2	331.3	0.4	0.1	13
14	1,860.7	761.4	2.3	0.1	1,862.4	796.8	0.6	0.1	1,830.7	315.4	0.6	0.1	1,832.2	331.3	0.4	0.1	14
15	1,860.8	763.4	1.2	0.1	1,862.4	796.8	0.6	0.1	1,830.7	315.4	0.6	0.1	1,832.2	331.3	0.4	0.1	15
16	1,860.9	765.5	1.2	0.1	1,862.4	796.8	0.6	0.1	1,830.8	316.4	0.6	0.1	1,832.3	332.4	0.4	0.1	16
17	1,861.0	767.5	1.3	0.1	1,862.4	796.8	0.6	0.1	1,830.8	316.4	0.7	0.1	1,832.3	332.4	0.4	0.1	17
18	1,861.1	769.6	1.2	0.1	1,862.4	796.8	0.6	0.1	1,830.9	317.4	0.7	0.1	1,832.3	332.4	0.4	0.1	18
19	1,861.2	771.7	1.3	0.1	1,862.4	796.8	0.6	0.1	1,830.9	317.4	0.7	0.1	1,832.4	333.5	0.4	0.1	19
20	1,861.3	773.7	1.3	0.1	1,862.5	798.9	0.7	0.1	1,831.0	318.5	0.7	0.1	1,832.4	333.5	0.4	0.1	20
21	1,861.4	775.8	1.3	0.1	1,862.5	798.9	0.4	0.1	1,831.1	319.6	0.7	0.1	1,832.5	334.6	0.4	0.1	21
22	1,861.5	777.9	1.4	0.1	1,862.5	798.9	0.3	0.1	1,831.2	320.6	0.7	0.1	1,832.5	334.6	0.4	0.1	22
23	1,861.6	780.0	1.4	0.1	1,862.5	798.9	0.3	0.1	1,831.2	320.6	0.7	0.1	1,832.5	334.6	0.4	0.1	23
24	1,861.7	782.1	1.3	0.1	1,862.5	798.9	0.3	0.1	1,831.3	321.7	0.7	0.1	1,832.5	334.6	0.4	0.1	24
25	1,861.8	784.1	1.3	0.1	1,859.7	741.0	0.3	29	1,831.3	321.7	0.7	0.1	1,832.5	334.6	0.4	0.1	25
26	1,861.9	786.2	1.4	0.1	1,855.1	651.8	1.5	45	1,831.3	321.7	0.7	0.1	1,832.5	334.6	0.4	0.1	26
27	1,862.0	788.3	1.3	0.1	1,851.0	580.5	1.5	38	1,831.4	322.8	0.7	0.1	1,832.5	334.6	0.4	0.1	27
28	1,862.0	788.3	1.1	0.1	1,848.3	537.6	1.5	24	1,831.5	323.8	0.7	0.1	1,832.5	334.6	0.4	0.1	28
29	1,862.0	788.3	1.1	0.1	1,845.3	492.2	1.5	24	1,831.5	323.8	0.7	0.1	1,831.5	323.8	0.4	5.9	29
30	1,862.1	790.4	1.4	0.1	1,842.0	446.2	1.6	24	1,831.6	324.9	0.7	0.1	1,830.1	309.0	0.3	8.3	30
31					1,838.6	403.3	1.6	24	1,831.7	326.0	0.7	0.1					31
TOTAL			50.7	3.0			22.9	210.4			20.1	55.5			11.9	17.0	
Inf. Ac. Ft.			100.6				45.4				39.9				23.6	15,553.3	
Outf. Ac. Ft.			6.0 + (11.3)				417.3 + (15.5)				110.1 + (7.1)				33.7 + (6.9)	15,213.9 + (127.5)	
Maximum Mean Daily Inflow			3.2				1.6				0.7				0.4	646.6	
Minimum Mean Daily Inflow			1.1				0.3				0.6				0.3	0	
Storage Change		+ 83.3				−387.1				− 77.3				− 17.0		+ 86.7 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,917.9	feet	on	3/30/66	Storage	2,665.3	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,818.4	feet	on	10/1/65	Storage	222.3	Acre Feet	E. K. BARR	Dam Tender	Gage Hts. copied	JAS FM	10/5/66
Max. Peak Inf.	2,010.	C. F. S. from		8:00 P.M.	on	11/22/65	to	9:00 P.M. on 11/22/65	J. R. HYDE	Hydrographer	Storage applied	JAS FM	10/5/66
Max. Peak Outf.	664.	C. F. S. from		3:30 P.M.	on	11/23/65	to	4:30 P.M. on 11/23/65		Hydrographer	Inf. & Outf. comp.	FM	8/16/67

REMARKS (1) 124.6 ACRE-FEET LOSS DUE TO SEDIMENTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
(INDICATES AVERAGE FOR PERIOD.

76D138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PACOIMA Dam

In Pacoima Canyon for the Year Ending September 30, 1967

~~On~~

Continuous Water Stage Recorder Au

Drainage Area 28.2 Square Miles. Capacity of Reservoir 4,453.1 Ac. Ft. at Spillway Elev. 1,950.0 Ft. as of August 1966 Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	1,828.9	296.7	0.8	7.0	1,815.6	174.5	0.5	+	1,820.6	217.5	0.5	+	1,869.2	949.0	13.0	+	1
2	1,827.8	285.6	0.8	6.8	1,815.6	174.5	0.4		1,821.1	222.0	2.2		1,870.1	970.4	10.8	+	2
3	1,826.8	275.7	0.8	6.0	1,815.7	175.3	0.4		1,842.8	456.9	118.5		1,871.0	992.1	12.2	1.3	3
4	1,825.8	266.0	0.8	5.8	1,815.8	176.1	0.4		1,847.0	517.5	30.5		1,871.6	1,006.9	11.5	4.0	4
5	1,824.9	257.4	0.8	5.8	1,816.0	177.8	0.4		1,857.7	701.3	92.7		1,872.4	1,026.9	13.2	3.1	5
6	1,823.9	247.9	0.8	5.8	1,816.1	178.6	0.4		1,905.0	2,094.4	702.3	+	1,873.0	1,042.0	10.6	3.0	6
7	1,823.1	240.3	0.7	5.3	1,817.3	188.6	5.1		1,916.3	2,589.1	323.4	74.0	1,873.6	1,057.5	10.8	3.0	7
8	1,822.3	233.0	0.7	4.4	1,817.4	189.5	0.7		1,915.9	2,570.2	136.5	146.0	1,874.2	1,073.1	10.9	3.0	8
9	1,821.5	225.6	0.7	4.4	1,817.5	190.4	0.7		1,913.9	2,477.4	90.2	137.0	1,874.7	1,086.3	9.6	3.0	9
10	1,820.8	219.3	0.7	4.5	1,817.6	191.2	0.7		1,910.8	2,338.6	62.0	132.0	1,875.2	1,099.6	9.7	3.0	10
11	1,820.1	213.0	0.7	4.2	1,817.7	192.0	0.6		1,907.8	2,209.9	53.2	119.0	1,875.8	1,115.7	11.2	3.0	11
12	1,819.3	205.9	0.7	4.2	1,817.9	193.8	0.6		1,904.5	2,074.2	42.5	111.0	1,876.3	1,129.3	9.8	3.0	12
13	1,818.6	199.8	0.7	4.0	1,818.0	194.6	0.6		1,900.7	1,925.1	40.9	116.0	1,876.7	1,140.2	8.5	3.0	13
14	1,817.9	193.8	0.7	4.0	1,818.2	196.3	0.6		1,895.0	1,715.1	31.1	137.0	1,877.2	1,153.9	9.9	3.0	14
15	1,817.1	187.0	0.7	4.0	1,818.3	197.2	0.6		1,887.7	1,468.5	25.7	150.0	1,877.6	1,165.0	8.6	3.0	15
16	1,816.3	180.3	0.7	4.1	1,818.4	198.1	0.6		1,879.2	1,209.9	25.6	156.0	1,878.0	1,176.1	8.4	2.8	16
17	1,815.7	175.3	0.7	3.1	1,818.5	199.0	0.6		1,869.1	946.7	20.3	153.0	1,878.4	1,187.3	8.4	2.8	17
18	1,815.3	172.0	0.7	2.6	1,818.7	200.7	0.6		1,857.6	699.3	21.3	146.0	1,878.8	1,198.6	8.5	2.8	18
19	1,814.8	167.9	0.7	2.8	1,818.8	201.6	0.6		1,849.3	553.2	25.6	99.3	1,879.2	1,209.9	8.5	2.8	19
20	1,814.6	166.3	0.7	1.4	1,819.0	203.3	0.6		1,851.1	582.2	25.5	10.9	1,879.5	1,218.4	7.1	2.8	20
21	1,814.7	167.1	0.7	0.2	1,819.2	205.1	0.6		1,853.0	614.2	21.2	5.0	1,880.0	1,232.7	10.0	2.8	21
22	1,814.9	168.7	0.7	0.1	1,819.3	205.9	0.6		1,854.8	646.3	21.1	5.0	1,884.4	1,363.9	22.2	6.4	22
23	1,815.0	169.5	0.7	0.1	1,819.5	207.7	0.6		1,856.5	678.2	18.6	2.5	1,883.2	1,327.1	87.8	56.0	23
24	1,815.0	169.5	0.7	+	1,819.6	208.6	0.6		1,858.3	713.0	17.6	+	1,895.3	1,725.8	232.0	31.0	24
25	1,815.1	170.3	0.7		1,819.7	209.5	0.6		1,860.0	747.1	17.2		1,899.2	1,868.2	173.9	102.0	25
26	1,815.2	171.2	0.7		1,819.9	211.2	0.6		1,861.6	780.0	16.5		1,898.8	1,853.3	97.5	105.0	26
27	1,815.3	172.0	0.7		1,820.0	212.1	0.6		1,863.1	811.7	16.0		1,897.4	1,801.6	74.0	100.0	27
28	1,815.4	172.8	0.7		1,820.2	213.9	0.6		1,864.4	839.9	14.2		1,896.1	1,754.4	66.2	90.0	28
29	1,815.4	172.8	0.7		1,820.3	214.8	0.6		1,865.7	868.6	14.5		1,894.3	1,690.5	56.7	89.0	29
30	1,815.5	173.6	0.7		1,820.5	216.6	0.6	+	1,867.0	897.9	14.8		1,894.2	1,687.0	58.5	60.0	30
31	1,815.5	173.6	0.7	+					1,868.1	923.2	12.7	+	1,891.3	1,587.3	49.7	100.0	31
TOTAL			22.3	90.6			21.7				2,054.9	1,698.7			1,129.4	794.6	
Inf. Ac. Ft.			44.2				43.0				4,075.8				2,240.1	6,403.1	
Outf. Ac. Ft.			179.7				+				3,369.3				1,576.1	5,125.1	
Maximum Mean Daily Inflow			0.8				5.1				702.3				232.0	697.6	
Minimum Mean Daily Inflow			0.7				0.4				0.5				7.1	0.4	
Storage Change		− 135.4				+ 43.0				+ 706.6				+ 664.1		+ 1,278.3	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,949.8	feet	on	6/7/67	Storage	4,440.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,805.1	feet	on	8/16/67	Storage	95.8	Acre Feet	E. K. BARR	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	1,381.	C. F. S. from		6:00 P.M.	on	12/6/66	to	7:00 P.M. on 12/6/66	J. R. HYDE	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	197.	C. F. S. from		8:00 A.M.	on	7/6/67	to	4:00 P.M. on 7/6/67		Hydrographer	Inf. & Outf. comp.		RAP

REMARKS + = 0.05 CFS OR LESS.
(INDICATES AVERAGE FOR PERIOD.

760138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PACOIMA Dam

In Pacoima Canyon for the Year Ending September 30, 1967

~~On~~

Drainage Area 28.2 Square Miles. Capacity of Reservoir 4,453.1 Ac. Ft. at Spillway Elev. 1,950.0 Ft. as of August 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	1,886.2	1,420.4	42.9	127.0	1,877.6	1,165.0	15.2	0	1,908.8	2,252.2	59.0	+	1,949.2	4,402.4	114.8	113.0	1
2	1,881.5	1,276.4	38.4	111.0	1,878.6	1,193.0	14.1	0	1,911.4	2,365.0	56.9	|	1,949.1	4,396.0	108.8	112.0	2
3	1,876.8	1,142.9	33.6	101.0	1,879.7	1,224.2	15.8	0	1,913.8	2,472.9	54.4	|	1,949.2	4,402.4	101.2	99.0	3
4	1,871.9	1,014.3	34.2	99.0	1,880.6	1,250.0	13.0	0	1,916.3	2,589.1	58.6	|	1,949.2	4,402.4	98.0	98.0	4
5	1,866.6	888.9	33.8	97.0	1,881.8	1,285.2	17.8	0.1	1,918.6	2,699.1	55.5	|	1,949.1	4,396.0	94.8	98.0	5
6	1,860.6	759.3	30.7	96.0	1,882.6	1,309.0	12.1	0.1	1,920.7	2,801.8	51.7	|	1,948.7	4,370.9	85.3	98.0	6
7	1,853.9	630.0	28.8	94.0	1,883.5	1,336.2	13.8	0.1	1,923.7	2,952.4	76.0	|	1,948.3	4,345.8	83.4	96.0	7
8	1,846.2	505.5	29.2	92.0	1,884.4	1,363.9	14.1	0.1	1,926.2	3,081.3	64.9	|	1,948.6	4,364.6	79.5	70.0	8
9	1,846.9	516.0	34.3	29.0	1,885.2	1,388.8	12.7	0.1	1,928.5	3,202.4	61.1	+	1,949.3	4,408.7	82.2	60.0	9
10	1,849.8	561.1	36.3	13.6	1,886.0	1,414.0	12.8	0.1	1,927.3	3,138.9	59.0	91.0	1,949.5	4,421.4	79.4	73.0	10
11	1,851.6	590.5	28.4	13.6	1,887.3	1,455.6	21.0	0.1	1,930.3	3,298.8	111.6	31.0	1,949.5	4,421.4	72.0	72.0	11
12	1,853.2	617.7	27.4	13.6	1,893.2	1,652.2	100.2	1.0	1,930.0	3,282.6	89.8	98.0	1,949.4	4,415.1	69.8	72.0	12
13	1,854.6	642.7	26.2	13.6	1,906.3	2,147.5	276.7	27.0	1,928.6	3,207.7	83.3	121.0	1,949.3	4,408.7	63.8	67.0	13
14	1,855.8	664.9	24.8	13.6	1,909.6	2,286.5	196.0	126.0	1,930.3	3,298.8	86.9	41.0	1,949.1	4,396.0	59.6	66.0	14
15	1,857.0	687.7	25.1	13.6	1,910.2	2,312.4	144.1	131.0	1,933.5	3,473.8	88.2	+	1,943.9	4,383.4	59.6	66.0	15
16	1,857.9	705.2	22.4	13.6	1,911.0	2,347.3	119.6	102.0	1,936.3	3,630.8	79.2	+	1,943.5	4,358.4	53.4	66.0	16
17	1,859.6	739.0	22.4	5.4	1,911.1	2,351.7	104.2	102.0	1,939.0	3,785.8	78.1	+	1,943.1	4,333.3	53.4	66.0	17
18	1,861.7	782.1	21.7	+	1,910.7	2,334.2	92.2	101.0	1,942.5	3,991.8	117.7	13.8	1,947.6	4,302.2	51.3	67.0	18
19	1,863.6	822.5	20.4	|	1,909.8	2,295.1	81.3	101.0	1,943.5	4,051.8	111.2	81.0	1,947.0	4,264.9	48.2	67.0	19
20	1,865.3	859.7	18.8	|	1,908.6	2,243.7	75.1	101.0	1,943.7	4,063.8	106.1	100.0	1,946.4	4,228.0	48.4	67.0	20
21	1,867.0	897.9	19.2	|	1,907.1	2,180.6	69.2	101.0	1,944.4	4,106.0	121.3	100.0	1,945.7	4,185.1	45.4	67.0	21
22	1,868.5	932.6	17.5	|	1,905.3	2,106.6	62.6	100.0	1,947.0	4,264.9	180.1	100.0	1,944.9	4,136.2	42.3	67.0	22
23	1,869.9	965.6	16.7	|	1,903.2	2,022.3	57.5	100.0	1,948.4	4,352.1	163.9	120.0	1,944.1	4,087.8	42.6	67.0	23
24	1,871.3	999.5	17.1	|	1,901.0	1,936.5	56.8	100.0	1,949.4	4,415.1	164.8	133.0	1,943.2	4,033.7	39.7	67.0	24
25	1,872.8	1,037.0	18.9	|	1,898.5	1,842.2	51.4	99.0	1,949.5	4,421.4	154.2	151.0	1,942.4	3,985.9	42.9	67.0	25
26	1,874.2	1,073.1	18.2	|	1,898.0	1,823.6	50.7	60.0	1,949.6	4,427.7	147.2	144.0	1,942.7	4,003.8	37.1	29.0	26
27	1,875.4	1,105.0	16.0	|	1,899.9	1,894.6	49.6	13.8	1,949.6	4,427.7	144.0	144.0	1,943.7	4,063.8	39.8	9.6	27
28	1,876.5	1,134.8	15.1	+	1,900.9	1,932.7	45.2	26.0	1,949.6	4,427.7	145.0	145.0	1,944.6	4,118.1	36.6	9.2	28
29					1,901.9	1,971.3	45.4	26.0	1,949.3	4,408.7	139.4	149.0	1,945.4	4,166.7	32.7	8.2	29
30					1,903.1	2,018.4	30.1	6.3	1,949.3	4,408.7	123.0	123.0	1,946.3	4,221.8	36.4	8.6	30
31					1,906.0	2,135.1	60.7	1.9					1,947.2	4,277.3	36.9	8.9	31
TOTAL			718.5	946.6			1,931.0	1,426.7			3,032.1	1,385.8			1,938.3	2,004.5	
Inf. Ac. Ft.			1,425.1				3,830.1				6,014.1				3,844.6	21,517.0	
Outf. Ac. Ft.			1,877.6				2,829.8				3,740.4				3,975.9	17,548.8	
Maximum Mean Daily Inflow			42.9				276.7				164.8				114.8	697.6	
Minimum Mean Daily Inflow			15.1				12.1				51.7				32.7	0.4	
Storage Change		− 425.5				+ 1,000.3				+ 2,373.6				− 131.3		+ 3,968.3	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,949.8	feet	on	6/7/67	Storage	4,440.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,805.1	feet	on	8/16/67	Storage	95.8	Acre Feet	E. K. BARR	Dam Tender	Gage Hts. copied	JAS RAP
Max. Peak Inf.	1,381.	C.F.S. from	6:00 P.M.	on	12/6/66	to	7:00 P.M. on	12/6/66	J. R. HYDE	Hydrographer	Storage applied RAP
Max. Peak Outf.	197.	C.F.S. from	8:00 A.M.	on	7/6/67	to	4:00 P.M. on	7/6/67		Hydrographer	Inf. & Outf. comp. RAP

REMARKS + = 0.05 CFS OR LESS.

760138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PACOIMA Dam

In Pacoima Canyon for the Year Ending September 30, 1967

~~On~~

Drainage Area 28.2 Square Miles. Capacity of Reservoir 4,453.1 Ac. Ft. at Spillway Elev. 1,950.0 Ft. as of August 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	1,947.9	4,320.8	30.8	8.9	1,943.7	4,063.8	11.8	0.3	1,912.9	2,431.9	2.7	0.4	1,818.3	197.2	2.1	0	1
2	1,948.6	4,364.6	34.3	12.2	1,944.1	4,087.8	11.8	0.4	1,913.1	2,441.0	2.7	0.2	1,819.8	201.6	2.1	0	2
3	1,949.0	4,389.7	28.2	15.5	1,944.5	4,112.0	11.8	0.4	1,913.3	2,450.1	2.7	0.2	1,819.4	206.8	2.1	0	3
4	1,949.3	4,408.7	29.5	20	1,944.8	4,130.2	11.7	0.4	1,913.5	2,459.2	2.7	0.2	1,820.0	212.1	2.1	0	4
5	1,949.5	4,421.4	28.5	22	1,944.3	4,100.0	9.1	30	1,913.7	2,468.3	2.7	0.2	1,820.5	216.6	2.1	0	5
6	1,949.7	4,434.1	28.4	22	1,939.6	3,920.8	9.1	148	1,913.8	2,472.9	2.7	0.2	1,821.0	221.1	2.1	0	6
7	1,948.8	4,377.2	27.3	56	1,933.0	3,446.1	9.1	193	1,908.3	2,231.0	2.7	124.0	1,821.5	225.6	2.1	0	7
8	1,946.7	4,246.4	25.0	91	1,928.5	3,202.4	9.1	133	1,899.0	1,860.7	2.7	188.0	1,822.0	230.2	2.0	0	8
9	1,944.6	4,118.1	24.3	89	1,924.9	3,013.9	9.1	103	1,891.0	1,577.2	2.7	140.0	1,822.4	233.9	2.0	0	9
10	1,942.2	3,973.9	24.3	97	1,920.8	2,806.7	9.0	112	1,883.6	1,339.3	2.7	115.0	1,822.9	238.5	2.0	0	10
11	1,939.8	3,832.4	24.7	96	1,916.3	2,589.1	9.0	119	1,875.5	1,107.6	2.7	119.0	1,823.2	241.3	2.0	0	11
12	1,937.9	3,722.2	24.5	80	1,911.6	2,373.8	9.0	119	1,865.0	853.0	2.7	129.0	1,823.6	245.0	2.0	0	12
13	1,936.9	3,664.9	28.0	57	1,909.2	2,269.3	9.0	62	1,852.8	610.8	2.7	125.0	1,823.9	247.9	2.0	0	13
14	1,936.2	3,625.1	27.0	47	1,909.2	2,269.3	9.0	9.7	1,836.5	378.7	2.7	120.0	1,824.3	251.6	2.0	0	14
15	1,936.4	3,636.5	23.0	17.3	1,909.6	2,286.5	9.0	0.3	1,814.0	161.4	2.7	111.0	1,824.6	254.5	2.0	0	15
16	1,936.8	3,659.2	21.4	9.9	1,910.0	2,303.7	7.6	0.2	1,806.3	103.6	2.7	35.0	1,825.0	258.3	2.0	0	16
17	1,937.2	3,682.1	21.4	9.9	1,910.3	2,315.8	7.6	0.2	1,807.6	112.6	2.7	0	1,825.4	262.1	2.0	0	17
18	1,937.6	3,705.0	21.5	9.9	1,910.6	2,329.9	7.6	1.0	1,808.7	120.5	2.7	0	1,825.8	266.0	2.0	0	18
19	1,937.9	3,722.2	19.0	10.4	1,910.7	2,334.2	7.5	4.3	1,809.7	127.9	2.7	0	1,826.1	269.9	2.0	0	19
20	1,938.4	3,751.1	20.6	6.0	1,910.9	2,342.9	7.5	3.7	1,810.7	135.5	2.7	0	1,826.5	272.8	2.0	0	20
21	1,939.0	3,785.8	17.8	0.3	1,911.1	2,351.7	6.3	2.2	1,811.6	142.5	2.7	0	1,826.8	275.7	2.0	0	21
22	1,939.6	3,820.8	17.8	0.2	1,911.3	2,360.6	6.2	2.2	1,812.4	149.7	2.7	0	1,827.2	279.7	2.0	0	22
23	1,940.0	3,844.1	12.0	0.2	1,911.5	2,369.4	6.2	2.2	1,813.1	154.2	2.7	0	1,827.5	282.6	2.0	0	23
24	1,940.6	3,879.3	18.0	0.3	1,911.6	2,373.8	6.2	2.2	1,813.8	159.8	2.7	0	1,827.9	286.6	2.0	0	24
25	1,941.1	3,908.7	15.2	0.3	1,911.8	2,382.7	6.2	2.2	1,814.5	165.4	2.7	0	1,828.3	290.6	2.0	0	25
26	1,941.6	3,938.3	15.2	0.3	1,912.0	2,391.5	5.6	2.2	1,815.1	170.3	2.6	0	1,828.7	294.7	2.0	0	26
27	1,942.1	3,968.0	15.3	0.3	1,912.1	2,396.0	5.6	2.2	1,815.7	175.3	2.6	0	1,829.2	299.8	2.0	0	27
28	1,942.5	3,991.8	12.3	0.3	1,912.3	2,405.0	5.5	2.2	1,816.3	180.0	2.6	0	1,829.6	303.9	2.0	0	28
29	1,942.9	4,015.7	12.3	0.3	1,912.4	2,409.5	5.5	2.2	1,816.9	185.3	2.6	0	1,830.0	308.0	2.0	0	29
30	1,943.3	4,039.7	12.4	0.3	1,912.5	2,414.0	5.5	2.2	1,817.3	188.6	2.6	0	1,830.5	313.2	2.0	0	30
31					1,912.7	2,422.9	5.5	1.9	1,817.8	192.9	2.6	0					31
TOTAL			660.0	779.8			248.7	1,063.8			83.1	1,207.4			60.7	0	
Inf. Ac. Ft.			1,309.1				493.3				164.8				120.4	23,604.6	
Outf. Ac. Ft.			1,546.7				2,110.0				2,394.8				0	23,600.3	
Maximum Mean Daily Inflow			34.3				11.8				2.7				2.1	697.6	
Minimum Mean Daily Inflow			12.0				5.5				2.6				2.0	0.4	
Storage Change		− 237.6				− 1,616.8				− 2,230.0				+ 120.3		+ 4.2	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,949.8	feet	on	6/7/67	Storage	4,440.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,805.1	feet	on	8/16/67	Storage	95.8	Acre Feet	E. K. BARR	Dam Tender	Gage Hts. copied	JAS RAP
Max. Peak Inf.	1,381.	C.F.S. from	6:00 P.M.	on	12/6/65	to	7:00 P.M. on	12/6/66	J. R. HYDE	Hydrographer	Storage applied JAS RAP
Max. Peak Outf.	197.	C.F.S. from	8:00 A.M.	on	7/6/67	to	4:00 P.M. on	7/6/67		Hydrographer	Inf. & Outf. comp. FM RAP

REMARKS + = 0.05 CFS OR LESS.
(INDICATES AVERAGE FOR PERIOD.

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DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of BIG TUJUNGA Dam

In ~~Dr~~ Big Tujunga Canyon for the Year Ending September 30, 1966

Drainage Area 82.3 Square Miles. Capacity of Reservoir 3,819.0 / 4,064.7 Ac. Ft. at Spillway Elev. 2,290.0 Ft. as of OCTOBER 1966 / JULY 1962

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	2,222.8	752.5	0.6	6.8	2,205.3	403.5	0.7	1.9	2,231.0	963.5	76.4	189.0	2,285.7	3,492.7	225.8	278.2	1
2	2,222.3	740.7	0.6	6.8	2,205.4	405.1	0.7	0	2,222.7	750.1	56.7	164.2	2,285.7	3,492.7	196.4	196.2	2
3	2,221.8	728.9	0.7	6.8	2,205.4	405.1	0.7	0	2,215.0	577.8	39.9	126.7	2,284.8	3,426.4	169.8	203.1	3
4	2,221.3	717.2	0.7	6.8	2,205.5	406.6	0.7	0	2,212.8	533.6	48.9	71.1	2,282.2	3,239.0	146.9	241.0	4
5	2,220.7	703.3	0.7	6.8	2,205.6	408.2	0.7	0	2,210.7	494.2	51.4	71.1	2,279.2	3,029.0	135.4	241.0	5
6	2,220.2	691.8	0.7	6.8	2,205.6	408.2	0.7	0	2,209.9	479.9	40.1	47.2	2,276.6	2,852.5	111.3	200.0	6
7	2,219.6	678.2	0.7	6.8	2,205.7	409.9	0.7	0	2,209.3	469.4	27.7	32.9	2,273.6	2,656.6	84.2	182.7	7
8	2,219.1	666.9	0.7	6.8	2,205.7	409.8	0.7	0	2,208.6	457.4	26.9	32.9	2,269.8	2,426.6	73.3	189.0	8
9	2,218.5	653.4	0.7	6.8	2,205.8	411.4	0.7	0	2,208.7	459.1	33.2	32.2	2,268.2	2,334.7	85.8	132.0	9
10	2,218.0	642.3	0.7	6.8	2,205.8	411.4	0.6	0	2,210.0	481.6	42.9	31.5	2,267.9	2,317.7	80.0	88.3	10
11	2,217.5	631.4	0.7	6.8	2,205.9	412.9	0.6	0	2,209.9	479.9	30.8	31.5	2,267.0	2,267.0	72.1	97.4	11
12	2,216.9	618.2	0.7	6.8	2,205.9	412.9	0.6	0	2,210.5	490.6	35.5	30.1	2,265.3	2,173.0	65.9	113.0	12
13	2,216.4	607.5	0.7	6.8	2,206.0	414.5	0.6	0	2,210.9	497.8	32.5	28.7	2,264.1	2,107.6	64.2	96.9	13
14	2,215.8	594.7	0.7	6.8	2,206.1	416.1	0.6	0	2,210.9	497.8	28.8	28.7	2,264.3	2,118.5	60.0	54.2	14
15	2,215.3	584.1	0.7	6.5	2,206.4	421.0	2.5	0	2,210.8	496.0	27.9	28.7	2,264.4	2,123.9	56.0	53.0	15
16	2,214.8	573.7	0.7	6.5	2,207.0	430.7	4.9	0	2,210.5	490.6	25.3	28.0	2,264.4	2,123.9	52.2	52.0	16
17	2,214.2	561.3	0.7	6.2	2,227.0	855.9	214.3	0	2,210.2	485.2	23.9	26.5	2,264.4	2,123.9	51.2	51.0	17
18	2,213.6	549.3	0.7	6.2	2,239.5	1,228.0	214.5	26.9	2,209.8	478.1	21.0	24.5	2,264.4	2,123.9	51.3	51.0	18
19	2,213.1	539.4	0.7	6.2	2,238.7	1,200.6	45.0	58.8	2,209.4	471.2	19.1	22.4	2,264.3	2,118.5	46.5	49.0	19
20	2,212.5	527.8	0.7	5.9	2,236.7	1,134.7	25.6	58.8	2,209.4	471.2	21.3	21.2	2,261.9	1,990.4	50.2	114.4	20
21	2,211.9	516.3	0.7	5.9	2,234.3	1,060.1	21.2	58.8	2,209.2	467.7	18.9	20.6	2,257.5	1,767.4	44.8	157.0	21
22	2,211.3	505.2	0.7	5.9	2,280.1	3,335.0	1,829.9	683.0	2,209.5	472.9	22.3	19.6	2,253.1	1,563.6	52.6	155.0	22
23	2,210.7	494.2	0.7	5.9	2,234.6	1,069.2	966.7	2,109.0	2,208.9	462.5	17.2	22.3	2,249.5	1,367.4	54.3	153.0	23
24	2,210.1	483.4	0.7	5.9	2,241.2	1,287.9	1,010.2	900.0	2,207.9	445.6	15.5	24.0	2,243.4	1,171.5	52.4	151.0	24
25	2,209.6	474.6	0.7	5.9	2,246.2	1,477.5	437.6	342.0	2,206.8	427.5	14.8	24.0	2,235.5	917.0	39.0	167.1	25
26	2,209.0	464.2	0.7	5.9	2,250.0	1,635.5	221.8	142.1	2,205.7	409.8	15.1	24.0	2,224.5	624.4	36.7	184.0	26
27	2,208.3	452.4	0.7	5.9	2,252.6	1,751.5	142.5	84.0	2,206.3	419.4	19.5	14.6	2,212.3	399.0	49.5	163.0	27
28	2,207.6	440.7	0.7	5.9	2,249.1	1,596.9	111.2	189.0	2,207.6	440.7	19.2	8.5	2,208.1	347.5	55.1	80.8	28
29	2,206.9	429.1	0.7	5.9	2,244.2	1,399.4	89.6	189.0	2,288.8	3,726.4(1)	2,811.0	1,030.5	2,209.0	358.0	33.5	28.0	29
30	2,206.2	417.7	0.7	5.9	2,238.3	1,187.1	82.2	189.0	2,286.1	3,522.3	751.9	854.8	2,211.6	389.9	43.7	27.5	30
31	2,205.5	406.6	0.7	5.9					2,287.1	3,597.1	324.2	286.5	2,213.0	408.5	37.6	28.0	31
TOTAL			21.5	197.6			5,429.0	5,032.3			4,739.8	3,398.5			2,377.7	3,977.8	
Inf. Ac. Ft.			42.6				10,768.3				9,401.3				4,716.1	24,928.3	
Outf. Ac. Ft.			391.9 + (10.9)				9,981.4 + (6.3)				6,740.8 + (4.6)				7,889.8 + (14.9)	25,003.9 + (36.7)	
Maximum Mean Daily Inflow			0.7				1,829.9				2,811.0				225.8	2,811.0	
Minimum Mean Daily Inflow			0.6				0.6				14.8				33.5	0.6	
Storage Change		- 360.2				+ 780.5				+ 2,410.0 (1)				- 3,188.6		- 356.3 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,289.6	feet	on	12/29/65	Storage	3,788.1	Acre Feet			
Min. W. S. Elev.	2,205.4	feet	on	11/1/65	Storage	403.5	Acre Feet			
Max. Peak Inf.	10,797.	C. F. S. from	3:00 P.M.	on	12/29/65	to	3:20 P.M.	on	12/29/65	
Max. Peak Outf.	2,680.	C. F. S. from	1:00 A.M.	on	11/23/65	to	3:00 A.M.	on	11/23/65	

RECORDS COLLECTED BY

W. R. CROKE	Dam Tender
J. R. HYDE	Hydrographer
	Hydrographer

COMPUTATIONS ckd. Date

Gage Hts. copied	FM FM
Storage applied	FM FM
Inf. & Outf. comp.	JAS FM

REMARKS (1) 245.8 ACRE-FEET LOSS DUE TO SILTATION. CHANGE TO STORAGE TABLE XII 12/29/65.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

(INDICATES AVERAGE FOR PERIOD.

76D136N-689 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of BIG TUJUNGA Dam

In ~~On~~ Big Tujunga Canyon for the Year Ending September 30, 1966

Drainage Area 82.3 Square Miles. Capacity of Reservoir 3,819.0 Ac. Ft. at Spillway Elev. 2,290.0 Ft. as of October 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY Gage Height	FEBRUARY Acre Ft. Storage	FEBRUARY C.F.S. Inflow	FEBRUARY C.F.S. Outflow	MARCH Gage Height	MARCH Acre Ft. Storage	MARCH C.F.S. Inflow	MARCH C.F.S. Outflow	APRIL Gage Height	APRIL Acre Ft. Storage	APRIL C.F.S. Inflow	APRIL C.F.S. Outflow	MAY Gage Height	MAY Acre Ft. Storage	MAY C.F.S. Inflow	MAY C.F.S. Outflow	Day
1	2,214.3	427.3	38.6	29	2,226.7	677.7	29.5	0	2,262.9	2,043.2	19.2	0	2,276.7	2,859.2	14.1	0	1
2	2,215.2	441.1	36.0	29	2,228.9	733.6	28.5	0	2,263.5	2,075.4	16.7	0	2,276.9	2,872.5	7.3	0	2
3	2,215.9	452.1	35.7	30	2,231.1	792.2	29.8	0	2,264.1	2,107.6	16.7	0	2,277.2	2,892.7	10.8	0	3
4	2,216.5	462.0	35.1	30	2,232.8	839.2	24.0	0	2,264.7	2,140.2	17.0	0	2,277.5	2,913.0	10.8	0	4
5	2,217.0	470.4	34.3	30	2,234.6	890.6	26.2	0	2,265.3	2,173.0	17.0	0	2,277.7	2,926.5	7.4	0	5
6	2,223.4	599.0	95.9	31	2,236.3	940.7	25.6	0	2,265.8	2,200.4	14.3	0	2,278.0	2,946.8	10.8	0	6
7	2,225.6	650.7	75.2	49	2,238.0	992.5	26.4	0	2,266.3	2,228.1	14.5	0	2,278.3	2,967.3	11.0	0	7
8	2,225.8	655.6	63.6	61	2,239.5	1,039.8	24.2	0	2,266.8	2,255.9	14.5	0	2,278.6	2,987.8	10.9	0	8
9	2,225.1	638.6	52.5	61	2,241.0	1,088.7	24.9	0	2,267.4	2,289.5	17.4	0	2,278.9	3,008.4	11.0	0	9
10	2,224.2	617.4	50.4	61	2,242.4	1,136.3	24.3	0	2,267.9	2,317.7	14.7	0	2,279.2	3,029.0	11.0	0	10
11	2,222.8	585.5	45.0	61	2,243.7	1,182.3	23.5	0	2,268.5	2,351.8	17.7	0	2,279.6	3,056.7	14.5	0	11
12	2,221.5	557.2	45.9	60	2,245.0	1,230.0	24.3	0	2,269.0	2,380.4	15.0	0	2,279.9	3,077.4	11.1	0	12
13	2,219.8	522.3	41.5	59	2,246.2	1,275.8	23.4	0	2,269.5	2,409.3	15.0	0	2,280.2	3,099.3	11.1	0	13
14	2,218.2	491.8	41.7	57	2,247.2	1,315.0	20.1	0	2,270.0	2,438.2	15.1	0	2,280.4	3,112.2	7.6	0	14
15	2,216.6	463.7	40.9	55	2,248.3	1,359.2	22.6	0	2,270.4	2,461.8	12.4	0	2,280.7	3,133.2	11.2	0	15
16	2,215.3	442.6	40.5	51	2,249.4	1,404.5	23.1	0	2,270.8	2,485.3	12.3	0	2,281.0	3,154.1	11.1	0	16
17	2,213.7	418.5	37.9	50	2,250.2	1,438.0	17.2	0	2,271.3	2,515.1	15.6	0	2,281.2	3,168.2	7.7	0	17
18	2,212.0	395.0	37.3	49	2,251.2	1,480.6	21.8	0	2,271.7	2,539.2	12.6	0	2,281.4	3,182.3	7.8	0	18
19	2,210.5	376.0	38.5	48	2,252.1	1,519.6	19.9	0	2,272.2	2,569.5	15.8	0	2,281.7	3,203.5	11.2	0	19
20	2,209.0	358.0	39.0	48	2,253.0	1,559.1	20.3	0	2,272.6	2,594.1	12.9	0	2,281.9	3,217.6	7.8	0	20
21	2,207.7	342.8	38.5	46	2,253.9	1,599.4	20.6	0	2,273.0	2,618.7	12.9	0	2,282.1	3,231.8	7.7	0	21
22	2,207.6	341.7	31.5	32	2,254.7	1,635.8	18.6	0	2,273.5	2,650.3	16.4	0	2,282.3	3,246.1	7.8	0	22
23	2,207.9	345.2	27.9	26	2,255.5	1,672.6	18.9	0	2,273.8	2,669.3	10.2	0	2,282.6	3,267.5	11.4	0	23
24	2,211.0	382.2	30.5	11.8	2,256.5	1,719.5	23.9	0	2,274.2	2,694.8	13.5	0	2,282.7	3,274.6	4.2	0	24
25	2,215.4	444.2	31.4	0	2,257.5	1,767.4	24.5	0	2,274.6	2,720.7	13.6	0	2,282.9	3,288.9	7.8	0	25
26	2,219.0	506.7	31.5	0	2,259.4	1,811.5	22.5	0	2,274.9	2,740.1	10.4	0	2,283.1	3,303.2	7.8	0	26
27	2,221.8	563.6	28.7	0	2,259.3	1,856.4	23.0	0	2,275.3	2,766.4	13.9	0	2,283.3	3,317.6	7.9	0	27
28	2,224.3	619.8	28.3	0	2,260.2	1,902.1	23.3	0	2,275.6	2,786.1	10.5	0	2,283.5	3,332.0	7.8	0	28
29					2,260.9	1,938.2	18.5	0	2,276.0	2,812.5	13.9	0	2,283.6	3,339.3	4.3	0	29
30					2,261.5	1,969.4	16.0	0	2,276.3	2,832.5	10.7	0	2,283.8	3,353.7	7.9	0	30
31					2,262.2	2,006.2	18.8	0					2,284.0	3,368.1	7.8	0	31
TOTAL			1,173.8	1,064.8			708.2	0			432.4	0			288.6	0	
Inf. Ac. Ft.			2,328.2				1,404.7				857.7				572.4	30,091.3	
Outf. Ac. Ft.			2,112.0 + (5.0)				0 + (18.2)				0 + (31.3)				0 + (36.9)	27,115.7 + (128.1)	
Maximum Mean Daily Inflow			95.9				29.8				19.2				14.1	2,811.0	
Minimum Mean Daily Inflow			27.9				16.0				10.2				4.2	0.6	
Storage Change	+ 211.3				+ 1,386.4				+ 826.3				+ 535.6			2,601.3 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,289.6	feet	on	12/29/65	Storage	3,788.1	Acre Feet			
Min. W. S. Elev.	2,205.3	feet	on	11/1/65	Storage	403.5	Acre Feet			
Max. Peak Inf.	10,797.	C. F. S. from	3:00 P.M.	on	12/29/65	to	3:20 P.M.	on	12/29/65	
Max. Peak Outf.	2,680.	C. F. S. from	1:00 A.M.	on	11/23/65	to	3:00 A.M.	on	11/23/65	

RECORDS COLLECTED BY

W. L. CROKE	Dam Tender
J. R. HYDE	Hydrographer
	Hydrographer

COMPUTATIONS ckd. Date

Gage Hts. copied	JAS FM 9/28/67
Storage applied	JAS FM 9/28/67
Inf. & Outf. comp.	JAS FM 9/28/67

REMARKS (1) 245.8 ACRE-FEET LOSS DUE TO SEDIMENTATION.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of BIG TUJUNGA Dam

In Big Tujunga Canyon for the Year Ending September 30, 1966

Drainage Area 82.3 Square Miles. Capacity of Reservoir 3,819.0 Ac. Ft. at Spillway Elev. 2,290.0 Ft. as of October 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	2,283.9	3,360.9	8.5	11.3	2,279.5	3,049.3	3.7	9.7	2,272.2	2,569.5	1.8	9.1	2,258.6	1,821.4	1.6	12.4	1
2	2,283.8	3,353.7	7.1	10.0	2,279.3	3,035.9	3.7	9.7	2,271.9	2,551.2	1.6	10.9	2,258.1	1,796.6	1.6	12.4	2
3	2,283.7	3,346.5	7.2	10.0	2,279.1	3,022.1	3.8	9.7	2,271.5	2,527.2	1.1	12.7	2,257.6	1,772.3	1.6	12.4	3
4	2,283.6	3,339.3	7.2	10.0	2,278.9	3,008.4	3.8	9.7	2,271.1	2,503.1	1.1	12.7	2,257.2	1,752.9	1.6	12.4	4
5	2,283.5	3,332.0	7.1	10.0	2,278.7	2,994.7	3.8	9.7	2,270.7	2,479.4	1.1	12.7	2,256.7	1,729.0	1.6	12.4	5
6	2,283.4	3,324.8	7.2	10.0	2,278.4	2,974.2	3.1	9.7	2,270.3	2,455.9	1.1	12.7	2,256.2	1,705.3	1.0	12.4	6
7	2,283.3	3,317.6	7.1	10.0	2,278.2	2,960.5	3.1	9.7	2,269.9	2,432.4	1.1	12.7	2,255.7	1,681.9	1.1	12.4	7
8	2,283.3	3,317.6	10.8	10.0	2,278.0	2,946.8	2.1	9.7	2,269.5	2,409.3	1.1	12.7	2,255.2	1,658.7	1.2	12.4	8
9	2,283.2	3,310.4	7.2	10.0	2,277.8	2,933.3	2.1	9.7	2,269.1	2,386.1	1.1	12.7	2,254.7	1,635.8	1.3	12.4	9
10	2,283.1	3,303.2	7.2	10.0	2,277.5	2,913.0	2.1	9.7	2,268.6	2,357.6	1.1	12.7	2,254.2	1,613.0	1.4	12.4	10
11	2,283.0	3,296.0	7.1	10.0	2,277.3	2,899.5	3.2	9.7	2,268.2	2,334.7	1.1	12.7	2,253.7	1,590.5	1.6	12.4	11
12	2,282.9	3,288.9	7.3	10.0	2,277.1	2,886.0	3.2	9.7	2,267.8	2,312.0	1.1	12.7	2,253.2	1,568.1	1.3	12.1	12
13	2,282.7	3,274.6	4.7	10.0	2,276.8	2,865.9	3.2	9.7	2,267.3	2,283.9	1.1	12.7	2,252.7	1,545.9	1.4	12.1	13
14	2,282.6	3,267.5	4.7	10.0	2,276.6	2,852.5	3.2	9.7	2,266.9	2,261.4	1.1	13.0	2,252.2	1,524.0	1.6	12.1	14
15	2,282.5	3,260.4	4.7	10.0	2,276.4	2,839.2	3.3	9.7	2,266.4	2,233.6	1.1	13.0	2,251.7	1,502.2	1.6	12.1	15
16	2,282.3	3,246.1	4.7	10.0	2,276.1	2,819.2	2.3	9.7	2,266.0	2,211.4	1.1	13.0	2,251.1	1,476.3	2.1	12.1	16
17	2,282.1	3,231.8	4.7	10.0	2,275.9	2,805.9	2.3	9.7	2,265.6	2,189.4	1.1	13.0	2,250.6	1,455.0	2.2	12.1	17
18	2,281.9	3,217.6	4.7	10.0	2,275.6	2,786.1	2.2	8.8	2,265.1	2,162.0	1.1	13.0	2,250.2	1,438.0	2.2	12.1	18
19	2,281.8	3,210.6	4.7	10.0	2,275.4	2,773.0	2.2	8.8	2,264.7	2,140.2	1.1	13.0	2,249.9	1,425.3	2.2	12.1	19
20	2,281.6	3,196.5	4.7	10.0	2,275.2	2,759.8	2.2	8.8	2,264.2	2,113.1	1.1	12.7	2,249.5	1,408.6	2.2	12.1	20
21	2,281.4	3,182.3	4.7	10.3	2,274.9	2,740.1	1.9	8.8	2,263.8	2,091.5	1.1	12.7	2,249.0	1,387.8	2.2	12.1	21
22	2,281.3	3,175.3	4.7	10.3	2,274.7	2,727.2	1.9	8.8	2,263.3	2,064.6	1.1	12.7	2,248.4	1,363.3	2.2	11.8	22
23	2,281.1	3,161.2	4.7	10.3	2,274.5	2,714.2	1.9	8.8	2,262.9	2,043.2	1.1	12.4	2,247.9	1,343.0	2.2	11.8	23
24	2,280.9	3,147.1	4.7	10.3	2,274.2	2,694.8	1.9	8.8	2,262.4	2,016.8	1.1	12.4	2,247.4	1,323.0	2.2	11.8	24
25	2,280.7	3,133.2	4.6	10.3	2,273.9	2,675.6	1.8	8.8	2,261.9	1,990.4	1.1	12.4	2,246.8	1,299.2	2.2	11.8	25
26	2,280.6	3,126.2	4.6	10.3	2,273.7	2,662.9	1.8	8.8	2,261.5	1,969.4	1.1	12.4	2,246.3	1,279.7	2.2	11.5	26
27	2,280.4	3,112.2	4.6	10.3	2,273.4	2,644.0	1.8	8.8	2,261.0	1,943.3	1.0	12.4	2,245.7	1,256.6	2.2	11.5	27
28	2,280.2	3,098.3	4.6	10.3	2,273.2	2,631.3	1.8	9.1	2,260.5	1,917.6	1.0	12.4	2,245.2	1,237.6	2.2	11.5	28
29	2,280.0	3,084.3	4.6	10.3	2,272.9	2,612.6	1.8	9.1	2,260.0	1,891.8	1.0	12.4	2,244.7	1,218.9	2.2	11.5	29
30	2,279.7	3,063.6	4.6	10.0	2,272.7	2,600.2	1.8	9.1	2,259.5	1,866.5	1.0	12.4	2,244.2	1,200.4	2.2	11.5	30
31					2,272.5	2,588.0	1.8	9.1	2,259.0	1,841.2	1.0	12.4					31
TOTAL			175.0	304.0			78.8	289.3			34.8	387.4			54.4	362.1	
Inf. Ac. Ft.			347.1				156.3				69.0				107.9	30,772.4	
Outf. Ac. Ft.			603.0 + (48.6)				573.8 + (58.9)				768.4 + (47.4)				716.2 + (30.5)	29,779.1 + (313.5)	
Maximum Mean Daily Inflow			10.8				3.8				1.8				2.2	2,811.0	
Minimum Mean Daily Inflow			4.6				1.8				1.0				1.1	0.6	
Storage Change			- 304.5				- 475.6				- 746.8				- 640.8	433.6 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,289.6	feet	on	12/29/65	Storage	3,788.1	Acre Feet					
Min. W. S. Elev.	2,205.3	feet	on	11/1/65	Storage	403.5	Acre Feet					
Max. Peak Inf.	10,797.	C.F.S. from	3:00 P.M.	on	12/29/65	to	3:20 P.M.	on	12/29/65			
Max. Peak Outf.	2,680.	C.F.S. from	1:00 A.M.	on	11/23/65	to	3:00 A.M.	on	11/23/65			

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
W. R. CROKE	Dam Tender	Gage Hts. copied	JAS FM	9/28/67
J. R. HYDE	Hydrographer	Storage applied	JAS FM	9/28/67
	Hydrographer	Inf. & Outf. comp.	JAS FM	9/28/67

REMARKS (1) 245.8 ACRE-FEET LOSS DUE TO SEDIMENTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
(INDICATES AVERAGE FOR PERIOD.

760138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of BIG TUJUNGA Dam

In Big Tujunga Canyon for the Year Ending September 30, 1967

Drainage Area 82.3 Square Miles. Capacity of Reservoir 3,819. Ac. Ft. at Spillway Elev. 2,290.0 Ft. as of October 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER				NOVEMBER				DECEMBER				JANUARY				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	2,243.6	1,178.7	1.7	11.8	2,224.2	617.4	1.7	10.4	2,212.9	407.2	4.5	9.5	2,236.1	934.7	15.8	11.3	1
2	2,243.1	1,160.8	1.7	11.8	2,223.4	599.0	1.7	10.4	2,212.6	403.1	7.4	9.5	2,236.4	943.7	15.8	11.3	2
3	2,242.6	1,143.3	1.7	11.8	2,222.6	581.1	1.7	10.4	2,228.7	728.5	174.1	10.0	2,234.8	955.8	9.3	36	3
4	2,242.0	1,122.4	1.7	11.8	2,221.9	565.7	1.8	10.4	2,231.3	797.7	45.7	10.8	2,230.3	770.7	9.2	74	4
5	2,241.5	1,105.6	1.7	11.8	2,221.1	548.7	1.8	10.0	2,242.3	1,132.8	181.8	12.9	2,225.4	645.9	9.2	71	5
6	2,240.8	1,082.1	1.7	11.5	2,220.5	536.4	3.8	10.0	2,263.8	2,091.5	1,182.4	699	2,220.0	526.2	9.2	62	6
7	2,240.3	1,065.7	1.7	11.5	2,224.1	615.0	50.0	10.4	2,270.3	2,455.9	415.7	232	2,214.9	436.4	9.2	52	7
8	2,239.6	1,043.1	1.7	11.5	2,225.2	641.0	23.9	10.8	2,266.2	2,222.5	119.3	237	2,208.3	349.8	9.2	55	8
9	2,239.0	1,023.8	1.7	11.5	2,225.0	636.2	8.0	10.4	2,261.1	1,948.5	85.9	224	2,206.9	333.7	9.2	22	9
10	2,238.4	1,005.0	1.7	11.2	2,224.7	629.2	6.9	10.4	2,256.1	1,700.5	64.9	190	2,207.6	341.7	13.2	9.2	10
11	2,237.8	986.4	1.7	11.2	2,224.3	619.8	5.6	10.4	2,249.1	1,392.0	57.5	213	2,208.5	352.2	14.5	9.2	11
12	2,237.3	971.0	1.7	11.2	2,223.8	608.1	5.4	11.3	2,240.5	1,072.3	43.8	205	2,209.3	361.6	13.9	9.2	12
13	2,236.7	952.9	1.7	11.2	2,223.3	596.7	5.6	11.3	2,231.6	805.9	57.7	192	2,209.9	368.7	12.8	9.2	13
14	2,236.1	934.7	1.7	10.9	2,222.8	585.5	5.1	10.8	2,226.7	677.7	40.4	105	2,210.5	376.0	12.9	9.2	14
15	2,235.4	914.0	1.6	10.9	2,222.2	572.2	4.1	10.8	2,225.5	648.3	27.2	42	2,211.0	382.2	12.3	9.2	15
16	2,234.8	896.4	1.6	10.6	2,221.7	561.4	5.4	10.8	2,225.4	645.9	31.8	33	2,211.5	388.6	12.8	9.5	16
17	2,234.2	879.0	1.6	10.3	2,221.1	548.7	3.6	10.0	2,226.8	680.2	29.4	12.2	2,212.0	395.0	12.7	9.5	17
18	2,233.6	861.8	1.6	10.3	2,220.5	536.4	3.8	10.0	2,228.0	710.4	27.1	11.8	2,212.4	400.4	12.2	9.5	18
19	2,232.9	842.0	1.6	10.3	2,219.9	524.2	3.8	10.0	2,228.9	733.6	22.5	10.8	2,212.9	407.2	12.9	9.5	19
20	2,232.3	825.2	1.6	10.3	2,219.4	514.5	5.2	10.0	2,229.8	757.3	22.7	10.8	2,213.3	412.8	12.4	9.5	20
21	2,231.6	805.9	1.6	10.3	2,219.0	506.7	5.5	9.5	2,230.6	778.7	21.2	10.4	2,213.7	418.5	12.3	9.5	21
22	2,231.0	789.5	1.6	10.3	2,218.5	497.4	4.8	9.5	2,231.4	800.4	21.3	10.4	2,221.6	559.3	81.0	10.0	22
23	2,230.3	770.7	1.6	10.3	2,217.9	486.3	3.9	9.5	2,232.1	819.6	20.1	10.4	2,225.7	653.1	57.3	10.0	23
24	2,229.7	754.7	1.6	10.3	2,217.3	475.7	4.2	9.5	2,232.7	836.4	18.9	10.4	2,241.2	1,095.4	249.0	26.0	24
25	2,229.0	736.2	1.6	10.3	2,216.6	463.7	3.4	9.5	2,233.2	850.5	17.5	10.4	2,244.7	1,218.9	186.3	124.0	25
26	2,228.4	720.7	1.6	10.3	2,216.0	453.7	4.5	9.5	2,233.8	867.5	19.4	10.8	2,243.5	1,175.1	101.9	124.0	26
27	2,227.7	702.8	1.6	10.3	2,215.4	444.2	4.7	9.5	2,234.2	879.0	16.6	10.8	2,241.1	1,092.1	80.1	122.0	27
28	2,227.0	685.1	1.6	10.3	2,214.8	434.9	4.8	9.5	2,234.7	893.5	18.1	10.8	2,237.8	986.4	67.8	121.0	28
29	2,226.3	667.8	1.6	10.3	2,214.2	425.8	4.9	9.5	2,235.1	905.2	16.7	10.8	2,234.1	876.1	63.3	119.0	29
30	2,225.6	650.7	1.6	10.3	2,213.6	417.1	5.1	9.5	2,235.4	914.0	15.2	10.8	2,230.0	762.6	57.8	115.0	30
31	2,224.9	633.8	1.6	10.3					2,235.8	925.8	17.3	11.3	2,225.6	650.7	54.6	111.0	31
TOTAL			51.0	336.7			194.7	304.0			2,344.1	2,587.6			1,250.1	1,388.8	
Inf. Ac. Ft.			101.2				386.2				5,641.2				2,479.5	8,608.1	
Outf. Ac. Ft.			667.8				603.0				5,132.4				2,754.6	9,157.8	
Maximum Mean Daily Inflow			1.7				50.0				1,182.4				249.0	1,182.4	
Minimum Mean Daily Inflow			1.6				1.7				4.5				9.2	1.6	
Storage Change			- 566.6				- 216.7				+ 508.7				- 275.1	- 549.7	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,289.6	feet	on	4/28-29/67	Storage	3,788.1	Acre Feet					
Min. W. S. Elev.	2,205.3	feet	on	1/9/67	Storage	326.8	Acre Feet					
Max. Peak Inf.	2,600.	C.F.S. from	5:00 P.M.	on	12/6/66	to	6:00 P.M.	on	12/6/66			
Max. Peak Outf.	1,550.	C.F.S. from	4:30 P.M.	on	12/6/66	to	8:05 P.M.	on	12/6/66			

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
W. L. CROKE	Dam Tender	Gage Hts. copied	JAS RAP	
J. R. HYDE	Hydrographer	Storage applied	JAS RAP	
	Hydrographer	Inf. & Outf. comp.	FM RAP	

REMARKS (INDICATES AVERAGE FOR PERIOD.

760138N-68B 3-64

Daily Gage Height in feet and Operation Record of BIG TUJUNGA Dam

In Big Tujunga Canyon for the Year Ending September 30, 19 67

~~On~~

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Drainage Area 82.3 Square Miles. Capacity of Reservoir 3,819. Ac. Ft. at Spillway Elev. 2,290.0 Ft. as of October 19 66

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MARCH Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	APRIL Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MAY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	2,221.6	559.3	50.9	97	2,219.9	524.2	19.8	10.0	2,251.7	1,502.2	51.0	12.2	2,289.2	3,680.5	152.6	168	1
2	2,219.5	516.4	44.4	66	2,220.9	544.6	20.3	10.0	2,253.6	1,586.0	54.8	12.5	2,288.1	3,672.8	143.1	147	2
3	2,218.7	501.1	54.3	62	2,221.8	563.6	19.5	10.0	2,255.4	1,663.0	54.0	12.6	2,287.9	3,657.6	139.4	147	3
4	2,219.4	514.5	36.7	30	2,222.6	581.1	18.9	10.0	2,258.1	1,796.6	77.9	13.1	2,288.0	3,665.2	133.8	130	4
5	2,220.0	526.2	35.9	30	2,223.4	599.0	19.0	10.0	2,261.0	1,943.3	87.1	13.1	2,288.4	3,695.8	123.4	109	5
6	2,220.2	530.3	32.1	30	2,224.0	612.7	16.9	10.0	2,263.0	2,048.5	66.1	13.1	2,288.6	3,711.1	115.7	108	6
7	2,220.2	530.3	30.0	30	2,224.6	626.8	17.1	10.0	2,265.5	2,184.0	81.9	13.6	2,288.6	3,711.1	109.0	108	7
8	2,220.1	528.2	28.9	30	2,225.2	641.0	17.2	10.0	2,267.6	2,300.8	72.5	13.5	2,288.5	3,703.4	104.1	108	8
9	2,219.9	524.2	29.0	30	2,225.7	653.1	16.1	10.0	2,269.3	2,397.7	62.5	13.6	2,288.4	3,695.8	104.2	108	9
10	2,220.1	528.2	28.0	26	2,226.3	667.8	17.4	10.0	2,270.8	2,485.3	57.7	13.6	2,288.3	3,688.2	104.2	108	10
11	2,220.4	534.4	27.2	24	2,227.7	702.8	27.6	10.0	2,274.0	2,681.9	113.7	14.6	2,288.2	3,680.5	95.1	99	11
12	2,220.6	538.4	26.0	24	2,234.0	873.2	97.7	11.8	2,276.1	2,819.2	82.9	13.6	2,288.3	3,688.2	91.9	88	12
13	2,220.7	540.5	25.0	24	2,247.8	1,339.0	248.0	13.1	2,278.3	2,967.3	88.2	13.6	2,288.3	3,688.2	88.0	88	13
14	2,220.9	544.6	26.1	24	2,253.5	1,581.5	192.2	70.0	2,280.6	3,126.2	93.7	13.6	2,288.2	3,680.5	84.1	88	14
15	2,220.9	544.6	24.0	24	2,253.3	1,572.5	125.5	130.0	2,282.7	3,274.6	93.5	13.6	2,287.9	3,657.6	76.5	83	15
16	2,220.9	544.6	24.0	24	2,251.7	1,502.2	98.6	134.0	2,284.2	3,382.7	83.4	28.9	2,287.8	3,650.1	77.2	81	16
17	2,220.8	542.5	22.9	24	2,249.6	1,412.8	86.9	132.0	2,285.3	3,463.1	69.4	28.9	2,288.1	3,672.8	66.4	55	17
18	2,220.7	540.5	22.0	23	2,247.0	1,307.0	76.6	130.0	2,286.0	3,514.8	129.1	103	2,288.8	3,726.4	66.0	39	18
19	2,220.5	536.4	21.0	23	2,244.1	1,196.7	72.4	128.0	2,284.6	3,411.8	129.0	181	2,289.3	3,764.9	65.4	46	19
20	2,220.3	532.3	20.9	23	2,240.6	1,075.6	65.0	126.0	2,283.0	3,296.0	127.6	186	2,289.4	3,772.6	63.9	60	20
21	2,220.1	528.2	20.9	23	2,236.9	958.8	65.1	124.0	2,282.4	3,253.2	164.5	186	2,289.4	3,772.6	60.0	60	21
22	2,219.7	520.4	19.1	23	2,235.1	905.2	60.0	87.0	2,283.9	3,360.9	240.3	186	2,289.3	3,764.9	57.1	61	22
23	2,219.3	512.6	17.1	21	2,237.3	971.0	43.5	10.4	2,284.3	3,390.0	200.6	186	2,289.2	3,757.2	58.2	62	23
24	2,219.0	506.7	18.0	21	2,239.4	1,036.6	43.9	10.8	2,285.4	3,470.5	211.6	171	2,289.0	3,741.7	54.2	62	24
25	2,219.0	506.7	21.0	21	2,241.2	1,095.4	40.5	10.8	2,286.5	3,552.2	202.2	161	2,288.9	3,734.0	53.1	57	25
26	2,218.9	504.8	20.0	21	2,242.9	1,153.7	40.7	11.3	2,288.0	3,665.2	216.0	159	2,288.8	3,726.4	51.1	55	26
27	2,218.4	495.5	16.4	21	2,244.3	1,204.1	36.7	11.3	2,289.5	3,780.4	206.1	148	2,288.6	3,711.1	47.3	55	27
28	2,218.9	504.8	19.8	15.2	2,245.7	1,256.6	37.7	11.3	2,289.6	3,788.1	197.8	194	2,288.5	3,703.4	51.1	55	28
29					2,247.0	1,307.0	36.7	11.3	2,289.3	3,764.9	182.3	194	2,288.4	3,695.8	51.2	55	29
30					2,248.2	1,355.2	35.6	11.3	2,288.6	3,711.1	166.9	194	2,288.2	3,680.5	47.3	55	30
31					2,249.9	1,425.3	47.6	12.2					2,288.0	3,665.2	47.3	55	31
TOTAL			760.6	834.2			1,760.7	1,296.6			3,664.3	2,511.9			2,580.9	2,604.0	
Inf. Ac. Ft.			1,508.6				3,492.3				7,268.0				5,119.1	25,996.1	
Outf. Ac. Ft.			1,654.6				2,571.8				4,982.3				5,165.0	23,531.5	
Maximum Mean Daily Inflow			54.3				248.0				240.3				152.6	1,182.4	
Minimum Mean Daily Inflow			16.4				16.1				51.0				47.3	1.6	
Storage Change		- 145.9				+ 920.5				+ 2,285.8				- 45.9		+ 2,464.8	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,289.6	feet	on	4/28-29/67	Storage	3,788.1	Acre Feet				
Min. W. S. Elev.	2,206.3	feet	on	1/9/67	Storage	326.8	Acre Feet				
Max. Peak Inf.	2,600.	C.F.S. from		5:00 P.M.	on	12/6/66	to	6:00 P.M.	on	12/6/66	
Max. Peak Outf.	1,550.	C.F.S. from		4:30 P.M.	on	12/6/66	to	8:06 P.M.	on	12/6/66	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
W. L. CROKE	Dam Tender	Gage Hts. copied	JAS	RAP
J. R. HYDE	Hydrographer	Storage applied	JAS	RAP
	Hydrographer	Inf. & Outf. comp.	FM	RAP

REMARKS

760138N-68B 3-64

Daily Gage Height in feet and Operation Record of BIG TUJUNGA Dam

In Big Tujunga Canyon for the Year Ending September 30, 19 67

~~On~~

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Drainage Area 82.3 Square Miles. Capacity of Reservoir 3,819. Ac. Ft. at Spillway Elev. 2,290.0 Ft. as of October 19 66

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	JULY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	AUGUST Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	SEPTEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	2,287.9	3,657.6	53.2	57	2,283.0	3,296.0	21.0	21	2,278.5	2,981.0	9.7	22	2,248.3	1,359.2	7.4	11.8	1
2	2,287.6	3,634.9	45.5	57	2,283.0	3,296.0	21.0	21	2,278.2	2,960.5	9.7	21	2,248.2	1,355.2	7.4	11.8	2
3	2,287.4	3,619.9	49.4	57	2,283.0	3,296.0	22.0	22	2,277.9	2,940.0	9.7	20	2,248.0	1,347.0	7.4	11.8	3
4	2,287.0	3,589.5	41.7	57	2,283.0	3,296.0	22.0	22	2,277.6	2,919.8	9.7	20	2,247.9	1,343.0	7.4	11.8	4
5	2,286.7	3,567.1	46.7	58	2,283.0	3,296.0	22.0	22	2,277.3	2,899.5	9.7	20	2,247.7	1,335.0	7.4	11.8	5
6	2,286.2	3,529.7	39.2	58	2,282.9	3,288.9	22.0	22	2,277.0	2,879.2	9.7	20	2,247.5	1,327.0	7.4	11.8	6
7	2,285.8	3,500.0	43.0	58	2,282.9	3,288.9	18.4	22	2,276.7	2,859.2	9.7	20	2,247.2	1,315.0	7.4	11.8	7
8	2,285.5	3,477.9	46.9	58	2,282.8	3,281.7	19.4	22	2,276.4	2,839.2	9.7	20	2,247.0	1,307.0	7.4	11.8	8
9	2,285.1	3,448.4	43.1	58	2,282.7	3,274.6	18.4	22	2,276.1	2,819.2	9.7	20	2,246.7	1,295.3	7.4	11.8	9
10	2,284.7	3,419.1	43.2	58	2,282.6	3,267.5	18.4	22	2,275.8	2,799.3	9.7	20	2,246.5	1,287.5	7.4	11.8	10
11	2,284.3	3,390.0	43.4	58	2,282.5	3,260.4	17.0	22	2,275.5	2,779.6	9.7	20	2,246.2	1,275.8	7.4	11.8	11
12	2,283.9	3,360.9	43.3	58	2,282.4	3,253.2	17.0	22	2,275.1	2,753.2	9.7	19.2	2,246.0	1,268.0	7.3	11.8	12
13	2,283.4	3,324.8	39.8	58	2,282.3	3,246.1	17.0	22	2,274.9	2,733.7	9.7	19.2	2,245.7	1,256.6	7.3	11.8	13
14	2,282.9	3,288.9	39.9	58	2,282.2	3,239.0	17.0	22	2,274.4	2,707.8	9.6	19.2	2,245.5	1,249.0	7.3	11.3	14
15	2,282.4	3,253.2	40.0	58	2,282.1	3,231.8	17.0	22	2,274.1	2,688.4	9.6	19.2	2,245.2	1,237.6	7.3	11.3	15
16	2,281.8	3,210.6	35.5	57	2,281.9	3,217.6	17.0	22	2,273.7	2,662.9	7.6	18.1	2,244.9	1,226.3	7.3	11.3	16
17	2,281.2	3,168.2	35.6	57	2,281.8	3,210.6	17.0	22	2,273.4	2,644.0	7.6	18.1	2,244.6	1,215.2	7.2	11.3	17
18	2,280.9	3,147.1	36.4	47	2,281.6	3,196.5	17.0	22	2,272.1	2,563.4	7.6	44	2,244.3	1,204.1	7.2	10.8	18
19	2,281.3	3,175.3	34.2	20	2,281.4	3,182.3	17.0	22	2,270.4	2,461.8	7.6	58	2,244.1	1,196.7	7.2	10.8	19
20	2,281.5	3,189.4	27.1	20	2,281.2	3,168.2	16.9	22	2,268.6	2,357.6	7.6	60	2,243.9	1,189.4	7.2	10.8	20
21	2,281.8	3,210.6	30.7	20	2,281.1	3,161.2	14.1	22	2,265.5	2,184.0	7.6	97	2,243.7	1,182.3	7.2	10.8	21
22	2,282.0	3,224.7	27.1	20	2,280.9	3,147.1	14.1	22	2,261.5	1,969.4	7.6	117	2,243.4	1,171.5	7.2	10.8	22
23	2,282.2	3,239.0	27.2	20	2,280.6	3,126.2	14.1	22	2,257.4	1,762.6	7.6	111	2,243.2	1,164.4	7.2	10.9	23
24	2,282.4	3,253.2	27.2	20	2,280.4	3,112.2	14.1	22	2,253.0	1,559.1	7.6	111	2,242.9	1,153.7	7.2	10.8	24
25	2,282.6	3,267.5	27.2	20	2,280.2	3,098.3	14.1	22	2,250.0	1,429.5	7.6	80	2,242.7	1,146.8	7.2	10.8	25
26	2,282.7	3,274.6	23.6	20	2,279.9	3,077.4	14.1	22	2,249.9	1,425.3	7.6	13.1	2,242.1	1,125.9	7.2	17.5	26
27	2,282.8	3,281.7	24.6	21	2,279.7	3,063.6	14.0	22	2,249.6	1,412.8	7.6	12.6	2,241.3	1,098.8	7.2	23	27
28	2,282.9	3,288.9	24.6	21	2,279.4	3,042.8	14.0	22	2,249.4	1,404.5	7.6	12.2	2,240.6	1,075.6	7.2	23	28
29	2,283.0	3,296.0	24.6	21	2,279.2	3,029.0	14.0	22	2,249.1	1,392.0	7.6	11.8	2,239.7	1,046.3	7.2	23	29
30	2,283.0	3,296.0	21.0	21	2,279.0	3,015.2	14.0	22	2,248.8	1,379.6	7.6	11.8	2,238.9	1,020.7	7.2	22	30
31					2,278.7	2,994.7	14.0	22	2,248.5	1,367.4	7.5	11.8					31
TOTAL			1,084.9	1,271.0			528.1	680.0			266.8	1,087.3			213.7	393.5	
Inf. Ac. Ft.			2,151.9				1,047.5				529.2				433.8	30,158.5	
Outf. Ac. Ft.			2,521.0				1,348.8				2,156.6				780.5	30,338.4	
Maximum Mean Daily Inflow			53.2				22.0				9.7				7.4	1,182.4	
Minimum Mean Daily Inflow			21.0				14.0				7.5				7.2	1.6	
Storage Change		- 369.2				- 301.3				1,627.3				- 346.7		- 179.7	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,289.6	feet	on	4/28-29/67	Storage	3,788.1	Acre Feet				
Min. W. S. Elev.	2,206.3	feet	on	1/9/67	Storage	326.8	Acre Feet				
Max. Peak Inf.	2,600.	C.F.S. from		5:00 P.M.	on	12/6/66	to	6:00 P.M.	on	12/6/66	
Max. Peak Outf.	1,550.	C.F.S. from		4:30 P.M.	on	12/6/66	to	8:06 P.M.	on	12/6/66	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
W. L. CROKE	Dam Tender	Gage Hts. copied	JAS	RAP
J. R. HYDE	Hydrographer	Storage applied	JAS	RAP
	Hydrographer	Inf. & Outf. comp.	FM	RAP

REMARKS (INDICATES AVERAGE FOR PERIOD.

76D138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of DEVIL'S GATE Dam

In Arroyo Seco
On

for the Year Ending September 30, 1966

Drainage Area 31.9 Square Miles. Capacity of Reservoir 2,598.2 / 2,749.6 Ac. Ft. at Spillway Elev. 1,054.0 Ft. as of September 1966 / May 1962

Continuous Water Stage Recorder Au

Gage Heights: Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	1,015.4	9.7	0.2	0	1,005.7	1.6	0	0	1,032.0	544.6	39.1	57.0	1,041.4	1,180.9	105.2	66.2	1
2	1,015.0	8.6	0.0	0	1,005.5	1.5	0	0	1,031.4	505.9	29.0	43.0	1,042.7	1,302.7	84.7	0	2
3	1,014.7	8.2	0.4	0	1,005.4	1.5	0	0	1,031.5	512.4	27.2	18.2	1,039.7	1,030.8	67.8	187.9	3
4	1,014.3	7.6	0.3	0	1,005.2	1.4	0	0	1,031.3	499.4	17.2	18.2	1,033.2	557.2	17.5	249	4
5	1,013.9	7.0	0.3	0	1,005.0	1.4	0	0	1,030.9	474.1	10.6	18.2	1,027.9	283.2	14.4	149.2	5
6	1,013.6	6.7	0.4	0	1,004.8	1.3	0	0	1,030.9	474.1	12.4	7.2	1,025.9	204.1	48.4	85.7	6
7	1,013.2	6.2	0.2	0	1,004.6	1.3	0	0	1,031.0	480.1	8.3	0	1,026.7	234.3	49.4	31.2	7
8	1,012.8	5.8	0.3	0	1,004.4	1.2	0	0	1,031.1	486.6	9.6	0	1,028.5	309.6	41.6	0.1	8
9	1,012.5	5.6	0.4	0	1,004.2	1.2	0	0	1,032.8	599.2	63.6	0	1,029.7	365.6	32.7	0.1	9
10	1,012.1	5.2	0.3	0	1,004.0	1.2	0	0	1,033.3	634.3	29.0	0	1,030.1	385.2	14.5	0.1	10
11	1,011.7	4.9	0.3	0	1,003.9	1.1	0	0	1,033.2	627.1	3.5	0	1,030.4	400.6	12.7	0.1	11
12	1,011.4	4.6	0.2	0	1,003.7	1.1	0	0	1,034.2	699.5	44.8	0	1,030.5	405.8	7.6	0.1	12
13	1,011.0	4.3	0.2	0	1,003.5	1.0	0	0	1,034.4	714.5	16.2	0	1,030.5	405.8	5.0	0.1	13
14	1,010.7	4.1	0.2	0	1,018.7	30.2	15.9	0.1	1,034.7	737.0	20	0	1,030.4	400.6	2.3	0.1	14
15	1,010.4	3.9	0.2	0	1,021.6	82.1	27.9	0.2	1,034.6	729.5	5.0	0	1,030.3	395.4	2.3	0.1	15
16	1,010.1	3.7	0.2	0	1,027.5	288.6	108.6	1.0	1,034.5	722.0	4.9	0	1,030.3	395.4	4.9	0.1	16
17	1,009.7	3.4	0.1	0	1,041.6	1,341.5	553.8	2.2	1,034.3	707.0	0.8	0	1,030.3	395.4	4.9	0.1	17
18	1,009.3	3.2	0.2	0	1,042.7	1,449.8	260.8	183.	1,034.2	699.5	4.5	0	1,030.3	395.4	4.9	0.1	18
19	1,009.1	3.1	0.3	0	1,039.7	1,068.6	37.8	215	1,034.1	692.0	4.5	0	1,030.3	395.4	4.9	0.1	19
20	1,008.8	2.9	0.2	0	1,033.7	663.0	9.2	205	1,033.9	677.3	0.6	0	1,030.3	395.4	4.9	0.1	20
21	1,008.5	2.8	0.1	0	1,031.4	505.9	3.2	76.8	1,033.8	670.2	4.3	0	1,030.3	395.4	4.9	0.1	21
22	1,008.2	2.6	0.1	0	1,049.3	2,154.7	1,338.1	466	1,033.9	677.3	11.4	0	1,030.2	390.3	2.2	0.1	22
23	1,007.9	2.4	0.1	0	1,032.8	599.2	845.5	1,623	1,033.9	677.3	7.9	0	1,030.1	385.2	2.1	0.1	23
24	1,007.7	2.4	0.2	0	1,039.7	1,160.2	723.6	424	1,033.8	670.2	4.3	0	1,030.0	380.0	2.0	0.1	24
25	1,007.4	2.2	0.1	0	1,037.1	928.7	356.5	461	1,033.7	663.0	4.1	0	1,030.0	380.0	4.6	0.1	25
26	1,007.2	2.1	0.2	0	1,031.4	505.9	125.4	333	1,033.6	655.8	4.1	0	1,029.9	375.2	2.2	0.1	26
27	1,006.9	2.0	0.1	0	1,031.6	518.8	101.5	89.2	1,033.4	641.5	0.4	0	1,029.8	370.4	2.1	0.1	27
28	1,006.7	1.9	0.2	0	1,032.8	599.2	94.6	47.3	1,033.3	634.3	3.8	0	1,029.8	370.4	4.5	0.1	28
29	1,006.5	1.9	0.2	0	1,033.0	612.8	70.9	57	1,047.2	1,765.7(1)	1,294.6	613.2	1,029.7	365.6	2.0	0.1	29
30	1,006.2	1.7	0.1	0	1,032.7	592.3	53.4	57	1,040.8	1,126.6	385.8	688.9	1,030.7	416.0	30.6	0.1	30
31	1,006.0	1.7	0.2	0					1,041.0	1,144.2	175.3	146.9	1,030.7	416.0	5.2	0.1	31
TOTAL			6.5	0			4,725.7	4,240.8			2,241.8	1,610.8			593.0	771.6	
Inf. Ac. Ft.			12.9				9,373.3				4,446.5				1,176.2	15,009.3	
Outf. Ac. Ft.			0 + (21.6)				8,411.5 + (371.1)				3,195.0 + (548.6)				1,530.4 + (373.9)	13,136.9 + (1,315.2)	
Maximum Mean Daily Inflow			0.4				1,338.				1,295.				105.	1,338.	
Minimum Mean Daily Inflow			0				0				0.4				2.0	0	
Storage Change			- 8.8				+ 590.6				+ 551.9				- 728.2	+ 405.5 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,049.4	feet	on	12/29/65	Storage	2,015.1	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	986.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	R. GARRISON	Dam Tender	Gage Hts. copied FM FM
Max. Peak Inf.	3,736.	C. F. S. from	6:00 P.M.	on	11/22/65	to	7:00 P.M.	on	11/22/65	R. V. WOOD	Hydrographer	Storage applied FM JAS FM
Max. Peak Outf.	2,108	C. F. S. from	11:15 P.M.	on	11/22/65	to	1:00 A.M.	on	11/23/65		Hydrographer	Inf. & Outf. comp. FM JAS FM

REMARKS (1) 151.4 ACRE-FOOT LOSS DUE TO SILTATION. CHANGE TO STORAGE TABLE XII 12/29/65.
( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of DEVIL'S GATE Dam

In Arroyo Seco
On

for the Year Ending September 30, 1966

Continuous Water Stage Recorder Au

Drainage Area 31.9 Square Miles. Capacity of Reservoir 2,598.2 Ac. Ft. at Spillway Elev. 1,054.0 Ft. as of September 1966

Gage Heights: Read Daily

Day	FEBRUARY Gage Height	FEBRUARY Acre Ft. Storage	FEBRUARY C.F.S. Inflow	FEBRUARY C.F.S. Outflow	MARCH Gage Height	MARCH Acre Ft. Storage	MARCH C.F.S. Inflow	MARCH C.F.S. Outflow	APRIL Gage Height	APRIL Acre Ft. Storage	APRIL C.F.S. Inflow	APRIL C.F.S. Outflow	MAY Gage Height	MAY Acre Ft. Storage	MAY C.F.S. Inflow	MAY C.F.S. Outflow	Day
1	1,030.7	416.0	5.2	0.1	1,030.8	421.2	2.6	0.1	1,028.5	309.6	1.5	0.1	1,025.1	175.9	0.7	0.1	1
2	1,030.6	410.9	2.5	0.1	1,030.7	416.0	2.6	0.1	1,028.4	305.2	1.6	0.1	1,025.0	172.4	0.7	0.1	2
3	1,030.5	405.8	2.5	0.1	1,030.6	410.9	2.5	0.1	1,028.2	296.2	0	0.1	1,024.9 e	169.2	0.8	0.1	3
4	1,030.4	400.6	2.2	0.1	1,030.5	405.8	2.4	0.1	1,028.1	291.8	1.5	0.1	1,024.8	166.0	0.7	0.1	4
5	1,030.3	395.4	2.2	0.1	1,030.4	400.6	2.3	0.1	1,028.0	287.3	1.3	0.1	1,024.7	162.7	0.8	0.1	5
6	1,032.9	539.0	79.4	0.1	1,030.3	395.4	2.2	0.1	1,027.9	283.2	1.5	0.1	1,024.6	159.5	0.8	0.1	6
7	1,033.2	557.2	16.5	0.1	1,030.2	390.3	2.2	0.1	1,027.8	279.0	1.4	0.1	1,024.5	156.3	0.8	0.1	7
8	1,033.2	557.2	7.3	0.1	1,030.1	385.2	2.1	0.1	1,027.7	274.8	1.4	0.1	1,024.5	156.3	2.3	0.1	8
9	1,033.1	551.0	4.1	0.1	1,030.0	380.0	2.0	0.1	1,027.5	266.6	0	0.1	1,024.5	156.3	2.3	0.1	9
10	1,033.0	544.8	3.9	0.1	1,029.8	370.4	0	0.1	1,027.4	262.4	1.2	0.1	1,024.4	153.1	0.6	0.1	10
11	1,032.9	539.0	4.1	0.1	1,029.7	365.6	2.2	0.1	1,027.3	258.2	1.2	0.1	1,024.3 e	149.9	0.7	0.1	11
12	1,032.8	533.1	3.9	0.1	1,029.6	360.8	2.2	0.1	1,027.2	254.1	1.3	0.1	1,024.2	146.6	0.7	0.1	12
13	1,032.6	521.4	0.8	0.1	1,029.5	356.0	1.9	0.1	1,027.1	250.0	1.1	0.1	1,024.1	143.4	0.7	0.1	13
14	1,032.5	515.6	3.8	0.1	1,029.4	351.2	1.9	0.1	1,027.0	245.8	1.1	0.1	1,024.0	140.2	0.6	0.1	14
15	1,032.4	509.8	3.7	0.1	1,029.3	346.4	1.8	0.1	1,026.9	242.0	1.2	0.1	1,023.9	137.3	0.9	0.1	15
16	1,032.3	503.9	3.5	0.1	1,029.2	341.6	1.7	0.1	1,026.7	234.3	0.1	0.1	1,023.8	134.4	0.8	0.1	16
17	1,032.2	498.1	3.5	0.1	1,029.1	336.8	1.7	0.1	1,026.6	230.5	1.1	0.1	1,023.7	131.5	0.8	0.1	17
18	1,032.1	492.2	3.3	0.1	1,029.0	332.0	1.7	0.1	1,026.5	226.7	1.0	0.1	1,023.6	128.6	0.7	0.1	18
19	1,032.0	486.4	3.3	0.1	1,028.9	327.5	1.7	0.1	1,026.4	222.9	1.1	0.1	1,023.5	125.6	0.6	0.1	19
20	1,031.8	475.4	0.4	0.1	1,028.8	323.1	1.7	0.1	1,026.3	219.1	1.0	0.1	1,023.4	122.7	0.6	0.1	20
21	1,031.7	469.9	3.3	0.1	1,028.7	318.6	1.7	0.1	1,026.2	215.2	0.9	0.1	1,023.3	119.8	0.7	0.1	21
22	1,031.6	464.4	3.1	0.1	1,028.6	314.1	1.5	0.1	1,026.1	211.4	0.9	0.1	1,023.2	116.9	0.6	0.1	22
23	1,031.5	459.0	3.1	0.1	1,028.5	309.6	1.5	0.1	1,026.0	207.6	0.9	0.1	1,023.1	114.0	0.5	0.1	23
24	1,031.4	453.5	2.9	0.1	1,028.8	323.1	10.7	0.1	1,025.9	204.1	1.0	0.1	1,023.0	111.1	0.6	0.1	24
25	1,031.3	448.0	2.8	0.1	1,029.2	341.6	13.4	0.1	1,025.8	200.6	1.0	0.1	1,022.9	108.5	0.7	0.1	25
26	1,031.2	442.5	2.9	0.1	1,029.1	336.8	1.7	0.1	1,025.6	193.5	0	0.1	1,022.8	105.9	0.6	0.1	26
27	1,031.1	437.0	2.7	0.1	1,029.0	332.0	1.6	0.1	1,025.6	193.5	2.6	0.1	1,022.7	103.3	0.6	0.1	27
28	1,030.9	426.4	0.1	0.1	1,028.9	327.5	1.7	0.1	1,025.4	186.5	0	0.1	1,022.6	100.7	0.6	0.1	28
29					1,028.8	323.1	1.7	0.1	1,025.3	183.0	0.8	0.1	1,022.5	98.2	0.7	0.1	29
30					1,028.7	318.6	1.7	0.1	1,025.2	179.4	0.7	0.1	1,022.4	95.6	0.6	0.1	30
31					1,028.6	314.1	1.5	0.1					1,022.3	93.0	0.5	0.1	31
TOTAL			177.0	2.8			78.1	3.1			30.4	3.0			24.3	3.1	
Inf. Ac. Ft.			351.1				154.9				60.3				48.2	15,623.8	
Outf. Ac. Ft.			5.6 + (335.2)				6.1 + (261.0)				6.0 + (189.0)				6.1 + (128.5)	13,160.7 + (2228.9)	
Maximum Mean Daily Inflow			79.4				13.4				2.6				2.3	1,338.	
Minimum Mean Daily Inflow			0.1				0				0				0.5	0	
Storage Change	+ 10.4				- 112.3				- 134.7				- 86.4			+ 82.8 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,049.4	feet	on	12/29/65	Storage	2,015.1	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	986.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	R. GARRISON	Dam Tender	Gage Hts. copied JAS FM
Max. Peak Inf.	3,736.	C. F. S. from	6:00 P.M.	on	11/22/65	to	7:00 P.M.	on	11/22/65	R. V. WOOD	Hydrographer	Storage applied JAS FM
Max. Peak Outf.	2,108.	C. F. S. from	11:15 P.M.	on	11/22/65	to	1:00 A.M.	on	11/23/65		Hydrographer	Inf. & Outf. comp. JAS FM

REMARKS (1) 151.4 ACRE-FEET LOSS DUE TO SILTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
(INDICATES AVERAGE FOR PERIOD.

76D136N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of DEVIL'S GATE Dam

In Arroyo Seco
On

for the Year Ending September 30, 1966

Continuous Water Stage Recorder Au

Drainage Area 31.9 Square Miles. Capacity of Reservoir 2,598.2 Ac. Ft. at Spillway Elev. 1,054.0 Ft. as of September 1966 Gage Heights Read Daily

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C.F.S. Inflow	JUNE C.F.S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C.F.S. Inflow	JULY C.F.S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C.F.S. Inflow	AUGUST C.F.S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C.F.S. Inflow	SEPTEMBER C.F.S. Outflow	Day
1	1,022.2	90.4	0.3	0.1	1,015.7	7.5	0.7	0.1	986.0	0	0	0	986.0	0	0	0	1
2	1,022.0	85.2	0.3	0.1	1,015.5	7.0	0.7	0.1	986.0	0	0	0	986.0	0	0	0	2
3	1,021.9	83.0	0.3	0.1	1,015.4	6.8	0.7	0.1	986.0	0	0	0	986.0	0	0	0	3
4	1,021.8	80.7	0.3	0.1	1,015.2	6.3	0.5	0.1	986.0	0	0	0	986.0	0	0	0	4
5	1,021.7	78.4	0.3	0.1	986.0	0	e 0.5	e 3.6	986.0	0	0	0	986.0	0	0	0	5
6	1,021.6	76.2	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	6
7	1,021.5	74.0	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	7
8	1,021.4	71.7	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	8
9	1,021.3	69.4	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	9
10	1,021.3	69.4	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	10
11	1,021.2	67.2	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	11
12	1,021.0	62.7	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	12
13	1,020.9	60.8	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	13
14	1,020.8	59.0	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	14
15	1,020.7	57.1	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	15
16	1,020.6	55.2	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	16
17	1,020.5	53.4	0.3	0.1	986.0	0	0	0	986.0	0	0	0	986.0	0	0	0	17
18	1,020.4	51.5	0.3	0.1	986.0	0	0	0	986.0	0	0	0	1,016.0	8.3	5.1	0.1	18
19	1,020.3	49.6	0.4	0.1	986.0	0	0	0	986.0	0	0	0	1,015.4	6.8	0	0.1	19
20	1,020.2	47.7	0.4	0.1	986.0	0	0	0	986.0	0	0	0	1,014.8	5.6	0.2	0.1	20
21	1,020.1	45.9	0.4	0.1	986.0	0	0	0	986.0	0	0	0	1,014.1	4.6	0.2	0.1	21
22	1,019.9	42.6	0.4	1.4	986.0	0	0	0	986.0	0	0	0	1,013.4	4.0	0.3	0.1	22
23	1,019.5	36.8	0.4	2.5	986.0	0	0	0	986.0	0	0	0	1,012.7	3.4	0.3	0.1	23
24	1,018.9	28.6	0.4	2.3	986.0	0	0	0	986.0	0	0	0	1,011.8	3.0	0.3	0.1	24
25	1,018.8	27.6	0.4	0.1	986.0	0	0	0	986.0	0	0	0	1,010.8	2.6	0.3	0.1	25
26	1,018.7	26.5	0.4	0.1	986.0	0	0	0	986.0	0	0	0	1,009.6	2.3	0.4	0.1	26
27	1,017.9	18.7	0.4	2.8	986.0	0	0	0	986.0	0	0	0	1,008.3	1.9	0.2	0.1	27
28	1,016.0	8.3	0.4	2.4	986.0	0	0	0	986.0	0	0	0	1,006.9	1.6	0.2	0.1	28
29	1,016.0	8.3	0.4	0.1	986.0	0	0	0	986.0	0	0	0	1,008.9	2.1	0.7	0.1	29
30	1,015.8	7.8	0.4	0.1	986.0	0	0	0	986.0	0	0	0	1,008.0	1.9	0.3	0.1	30
31					986.0	0	0	0	986.0	0	0	0					31
TOTAL			10.2	13.9			3.1	4.0			0	0			8.5	1.3	
Inf. Ac. Ft.			20.2				8.1				0				16.9	15,667.0	
Outf. Ac. Ft.			27.6 + (78.0)				7.9 + (6.0)				0				2.6 + (12.3)	13,199.0 + (2,325.2)	
Maximum Mean Daily Inflow			0.4				0.7				0				5.1	1,338.	
Minimum Mean Daily Inflow			0.3				0				0				0	0	
Storage Change	− 85.2					− 7.8			0				+ 1.9			− 8.6 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,049.4	feet	on	12/29/65	Storage	2,015.1	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	986.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	R. GARRISON	Dam Tender	Gage Hts. copied	JAS FM
Max. Peak Inf.	3,736.	C.F.S. from	6:00 P.M.	on	11/22/65	to	7:00 P.M.	on	11/22/65	R. V. WOOD	Hydrographer	Storage applied	JAS FM
Max. Peak Outf.	2,108.	C.F.S. from	11:15 P.M.	on	11/22/65	to	1:00 A.M.	on	11/23/65		Hydrographer	Inf. & Outf. comp.	JAS FM

REMARKS (1) 151.4 ACRE-FEET LOSS DUE TO SILTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
(INDICATES AVERAGE FOR PERIOD.

76D136N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of DEVIL'S GATE Dam

In Arroyo Seco
On

for the Year Ending September 30, 1967

Continuous Water Stage Recorder Au

Drainage Area 31.9 Square Miles. Capacity of Reservoir 2,598.2 Ac. Ft. at Spillway Elev. 1,054.0 Ft. as of September 1966 Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	1,008.0	1.9	0	0	1,002.3	0.8	0	0	1,026.8	238.2	1.3	0.2	1,035.8	728.0	4.0	0.2	1
2	1,007.2	1.7	0	0	1,002.1	0.8	0	0	1,029.0	332.0	51.5	0.2	1,035.6	714.2	4.0	0.2	2
3	1,006.6	1.6	0	0	1,002.0	0.8	0	0	1,042.3	1,264.6	500.7	20.0	1,035.4	700.3	4.0	0.2	3
4	1,005.9	1.4	0	0	1,001.8	0.8	0	0	1,042.0	1,236.0	49.5	42.0	1,035.2	686.5	4.0	0.2	4
5	1,010.1	2.4	0.7	0	1,001.6	0.7	0	0	1,043.3	1,360.9	258.0	172.0	1,035.1	679.5	3.9	0.2	5
6	1,009.6	2.3	0	0	1,003.5	1.0	0.2	0	1,044.3	1,460.6	934.3	858.0	1,034.9	665.0	3.0	0.2	6
7	1,008.9	2.1	0	0	1,029.2	341.6	176.1	0.4	1,039.3	997.0	297.6	510.0	1,034.7	652.9	3.0	0.2	7
8	1,008.4	2.0	0	0	1,029.3	346.4	6.9	0.4	1,039.8	1,039.2	111.8	74.0	1,034.5	639.8	3.0	0.2	8
9	1,007.9	1.8	0	0	1,029.2	341.6	2.0	0.4	1,040.4	1,091.3	71.9	23.0	1,034.3	626.6	3.0	0.2	9
10	1,007.5	1.7	0	0	1,029.0	332.0	0	0.4	1,040.2	1,073.7	36.9	28.0	1,034.2	620.0	2.9	0.2	10
11	1,007.1	1.6	0	0	1,028.9	327.5	0	0.4	1,039.8	1,039.2	28.1	28.0	1,034.0	606.9	2.9	0.2	11
12	1,006.8	1.6	0	0	1,028.7	318.6	0	0.4	1,039.5	1,013.9	24.9	21.0	1,033.8	594.5	2.9	0.2	12
13	1,006.5	1.5	0	0	1,028.6	314.1	0	0.4	1,039.5	1,013.9	17.2	0.7	1,033.7	588.3	2.9	0.2	13
14	1,006.2	1.5	0	0	1,028.4	305.2	0	0.4	1,039.6	1,022.3	20.9	0.2	1,033.5	575.8	2.9	0.2	14
15	1,005.9	1.4	0	0	1,028.3	300.7	0	0.4	1,039.5	1,013.9	12.5	0.2	1,033.4	569.5	2.9	0.2	15
16	1,005.7	1.4	0	0	1,028.2	296.2	0	0.4	1,039.3	997.0	6.7	0.2	1,033.2	557.2	2.6	0.2	16
17	1,005.5	1.3	0	0	1,028.1	291.8	0	0.4	1,039.1	980.1	6.7	0.2	1,033.1	551.0	2.6	0.2	17
18	1,005.2	1.3	0	0	1,028.0	287.3	0	0.4	1,038.9	963.7	6.6	0.2	1,032.9	539.0	2.6	0.2	18
19	1,005.0	1.2	0	0	1,027.8	279.0	0	0.4	1,038.6	939.5	6.6	0.2	1,032.8	533.1	2.6	0.2	19
20	1,004.8	1.2	0	0	1,027.9	283.2	4.6	0.3	1,038.4	923.5	6.6	0.2	1,032.7	527.3	2.6	0.2	20
21	1,004.5	1.1	0	0	1,027.8	279.0	0.3	0.3	1,038.1	899.3	4.3	0.2	1,032.5	515.6	2.6	0.2	21
22	1,004.3	1.1	0	0	1,027.7	274.8	0	0.2	1,037.9	883.6	4.3	0.2	1,038.5	931.5	219.9	0.2	22
23	1,004.1	1.1	0	0	1,027.6	270.7	0	0.2	1,037.7	868.3	4.3	0.2	1,039.5	1,013.9	57.3	0.2	23
24	1,004.0	1.1	0	0	1,027.5	266.6	0	0.2	1,037.4	845.3	4.3	0.2	1,044.8	1,511.5	443.8	171.0	24
25	1,003.8	1.0	0	0	1,027.3	258.2	0	0.2	1,037.2	830.0	4.3	0.2	1,041.0	1,144.2	131.3	293.0	25
26	1,003.5	1.0	0	0	1,027.2	254.1	0	0.2	1,037.0	814.7	4.3	0.2	1,040.1	1,064.9	84.6	106.0	26
27	1,003.3	1.0	0	0	1,027.1	250.0	0	0.2	1,036.8	800.1	4.3	0.2	1,039.4	1,005.5	47.8	61.0	27
28	1,003.1	0.9	0	0	1,027.0	245.8	0	0.2	1,036.6	785.6	4.3	0.2	1,039.7	1,030.8	29.7	0.5	28
29	1,002.8	0.9	0	0	1,027.0	245.8	2.0	0.2	1,036.4	771.0	4.2	0.2	1,040.0	1,056.1	30.3	0.5	29
30	1,002.7	0.9	0	0	1,026.9	242.0	0	0.2	1,036.2	756.5	4.2	0.2	1,040.3	1,082.5	31.6	0.5	30
31	1,002.5	0.8	0	0					1,036.0	741.9	4.2	0.2	1,040.6	1,109.0	32.4	0.5	31
TOTAL			0.7	0			192.1	7.6			2,497.3	1,785.7			1,173.6	637.6	
Inf. Ac. Ft.			1.4				381.0				4,953.3				2,327.8	7,663.5	
Outf. Ac. Ft.			0 + (2.6)				15.1 + (124.8)				3,541.9 + (911.6)				1,264.7 + (696.0)	4,821.7 + (1,735.0)	
Maximum Mean Daily Inflow			0.7				176.1				934.3				443.8	934.3	
Minimum Mean Daily Inflow			0				0				1.3				2.6	0	
Storage Change	− 1.1					+ 241.2			+ 499.9				+ 367.1			+ 1,107.1	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,052.9	feet	on	VARIOUS DAYS	Storage	2,451.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,001.5	feet	on	11/6/66	Storage	0.7	Acre Feet	R. GARRISON	Dam Tender	Gage Hts. copied	JAS RAP
Max. Peak Inf.	2,130.	C.F.S. from	5:00 P.M.	on	12/6/66	to	6:00 P.M.	on	12/6/66	R. V. WOOD	Hydrographer	Storage applied	SEB RAP
Max. Peak Outf.	1,615.	C.F.S. from	6:30 P.M.	on	12/6/66	to	7:30 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	SEB RAP

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.
(INDICATES AVERAGE FOR PERIOD.

76D138N-60D 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of DEVIL'S GATE Dam

In / On Arroyo Seco for the Year Ending September 30, 19 67

Drainage Area 31.9 Square Miles. Capacity of Reservoir 2,598.2 Ac. Ft. at Spillway Elev. 1,054.0 Ft. as of September 19 66

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1,040.5	1,100.2	13.4	0.5	1,035.0	672.6	4.3	0.6	1,039.9	1,047.7	63.7	0	1,052.9	2,451.4	50.0	0	1
2	1,040.5	1,100.2	13.4	0.5	1,034.8	659.5	4.3	0.6	1,040.2	1,073.7	31.0	0	1,052.9	2,451.4	50.0	0	2
3	1,040.5	1,100.2	13.4	0.5	1,034.6	646.3	4.3	0.6	1,040.1	1,064.9	13.3	0	1,052.9	2,451.4	50.0	0	3
4	1,040.3	1,082.5	13.4	0.5	1,034.6	646.3	4.3	0.6	1,040.0	1,056.1	13.1	0	1,052.8	2,438.4	46.7	0	4
5	1,040.0	1,056.1	13.3	0.5	1,034.5	639.8	4.3	0.6	1,039.8	1,039.2	8.5	0	1,052.8	2,438.4	46.7	0	5
6	1,039.8	1,039.2	6.5	0.5	1,034.3	626.6	4.3	0.6	1,039.6	1,022.3	8.2	0	1,052.7	2,425.4	42.5	0	6
7	1,039.5	1,013.9	6.5	0.5	1,034.1	613.5	4.2	0.6	1,039.5	1,013.9	12.4	0	1,052.5	2,399.4	35.9	0	7
8	1,039.2	988.6	6.5	0.5	1,034.0	606.9	4.2	0.6	1,039.2	988.6	5.8	0	1,052.3	2,373.4	34.9	0	8
9	1,039.0	971.7	6.5	0.5	1,033.8	594.5	4.2	0.6	1,039.0	971.7	5.8	0	1,052.1	2,347.4	34.9	0	9
10	1,038.8	955.6	6.4	0.5	1,033.7	588.3	4.2	0.6	1,038.8	955.6	5.8	0	1,051.9	2,321.8	34.1	0	10
11	1,038.5	931.5	5.0	0.5	1,034.5	639.8	35.4	0.6	1,040.7	1,117.8	100.7	0	1,051.7	2,296.5	33.2	0	11
12	1,038.3	913.4	5.0	0.5	1,039.5	1,013.9	205.8	0.6	1,040.8	1,126.6	23.5	0	1,051.5	2,271.3	33.3	0	12
13	1,038.1	899.3	5.0	0.5	1,044.2	1,450.4	314.0	67.0	1,040.5	1,100.2	5.2	0	1,051.2	2,233.4	25.9	0	13
14	1,037.8	876.0	5.0	0.5	1,043.0	1,331.3	189.0	225.0	1,040.3	1,082.5	9.2	0	1,050.9	2,196.0	25.1	0	14
15	1,037.6	860.7	5.0	0.5	1,041.4	1,180.9	82.2	138.0	1,040.2	1,073.7	13.4	0	1,050.6	2,159.3	24.5	0	15
16	1,037.4	845.3	5.0	0.5	1,041.0	1,144.2	51.0	50.0	1,040.1	1,064.9	13.3	0	1,050.3	2,122.7	21.3	0	16
17	1,037.2	830.0	5.0	0.5	1,040.7	1,117.8	46.5	41.0	1,039.9	1,047.7	8.6	0	1,049.9	2,074.2	21.3	0	17
18	1,037.0	814.7	4.9	0.5	1,040.3	1,082.5	30.6	33.0	1,042.2	1,255.1	126.6	0	1,049.6	2,038.8	21.3	0	18
19	1,036.8	800.1	4.9	0.5	1,040.0	1,056.1	33.1	29.0	1,043.3	1,360.9	78.3	0	1,049.3	2,003.3	21.3	0	19
20	1,036.6	785.6	4.9	0.6	1,039.8	1,039.2	24.7	16.1	1,044.1	1,440.2	67.0	0	1,049.0	1,967.9	21.3	0	20
21	1,036.4	771.0	4.9	0.6	1,039.8	1,039.2	17.5	0.4	1,045.8	1,615.7	120.5	0	1,048.6	1,922.3	18.3	0	21
22	1,036.2	756.5	4.9	0.6	1,039.6	1,022.3	8.6	0.4	1,048.1	1,865.3	162.8	0	1,048.3	1,888.1	18.3	0	22
23	1,036.0	741.9	4.9	0.6	1,039.4	1,005.5	8.3	0.4	1,049.3	2,003.3	109.6	0	1,048.0	1,853.9	18.2	0	23
24	1,035.8	728.0	4.9	0.6	1,039.2	988.6	7.9	0.4	1,050.4	2,134.9	109.4	0	1,047.7	1,820.8	13.2	0	24
25	1,035.7	721.1	4.9	0.6	1,038.9	963.7	5.0	0.4	1,051.2	2,233.4	94.6	0	1,047.4	1,787.8	18.2	0	25
26	1,035.5	707.2	4.7	0.6	1,038.7	947.6	5.0	0.4	1,051.9	2,321.8	91.6	0	1,047.1	1,754.7	17.4	0	26
27	1,035.4	700.3	4.7	0.6	1,038.4	923.5	5.0	0.4	1,052.5	2,399.4	88.1	0	1,046.8	1,722.3	17.4	0	27
28	1,035.2	686.5	4.6	0.6	1,038.2	907.4	4.9	0.4	1,052.7	2,425.4	63.1	0	1,046.5	1,690.2	17.4	0	28
29					1,038.1	899.3	10.3	0.4	1,052.9	2,451.4	63.1	0	1,046.2	1,658.0	17.3	0	29
30					1,038.0	891.3	10.2	0.4	1,052.9	2,451.4	50.0	0	1,046.0	1,636.6	17.3	0	30
31					1,038.8	955.6	48.0	0.4					1,046.0	1,636.6	31.0	0	31
TOTAL			187.5	14.9			1,185.6	607.7			1,566.2	0			883.2	0	
Inf. Ac. Ft.			371.9				2,351.6				3,106.5				1,751.8	15,245.3	
Outf. Ac. Ft.			29.6 + (764.8)				1,205.4 + (877.1)				0 + (1,610.8)				0 + (2,566.6)	6,056.7+(7,554.3)	
Maximum Mean Daily Inflow			13.4				314.0				162.8				50.0	934.3	
Minimum Mean Daily Inflow			4.6				4.2				5.2				17.3	0	
Storage Change			− 422.5				+ 269.1				+ 1,495.8				− 814.8	+ 1,634.7	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,052.9	feet	on	VARIOUS DAYS	Storage	2,451.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,001.5	feet	on	11/6/66	Storage	0.7	Acre Feet	R. GARRISON	Dam Tender	Gage Hts. copied	JAS RAP
Max. Peak Inf.	2,130.	C. F. S. from	5:00 P.M.	on	12/6/66	to	6:00 P.M.	on	12/6/66	R. V. WOOD	Hydrographer	Storage applied	SEB RAP
Max. Peak Outf.	1,615.	C. F. S. from	6:30 P.M.	on	12/6/66	to	7:30 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	RAP

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.
{ INDICATES AVERAGE FOR PERIOD.

76D138N-60D 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of DEVIL'S GATE Dam

In / On Arroyo Seco for the Year Ending September 30, 19 67

Drainage Area 31.9 Square Miles. Capacity of Reservoir 2,598.2 Ac. Ft. at Spillway Elev. 1,054.0 Ft. as of September 19 66

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1,045.9	1,626.1	25.7	0	1,038.9	963.7	6.6	0	1,033.3	563.4	2.1	0	1,028.7	313.6	1.2	0	1
2	1,045.6	1,594.7	15.6	0	1,038.7	947.6	6.6	0	1,033.1	551.0	2.1	0	1,028.6	314.1	1.2	0	2
3	1,045.3	1,563.3	15.6	0	1,038.5	931.5	6.6	0	1,032.9	539.0	2.1	0	1,028.5	309.6	1.2	0	3
4	1,045.1	1,542.4	15.5	0	1,038.3	915.4	6.5	0	1,032.7	527.3	2.1	0	1,028.4	305.2	1.2	0	4
5	1,044.8	1,511.5	15.5	0	1,038.1	899.3	6.5	0	1,032.6	521.4	2.0	0	1,028.4	305.2	1.2	0	5
6	1,044.5	1,481.0	13.2	0	1,037.9	883.6	5.3	0	1,032.4	509.8	1.7	0	1,028.2	296.2	1.2	0	6
7	1,044.2	1,450.4	13.2	0	1,037.7	868.3	5.3	0	1,032.3	503.9	1.7	0	1,028.0	287.3	1.3	0	7
8	1,044.0	1,430.0	13.2	0	1,037.5	853.0	5.2	0	1,032.1	492.2	1.7	0	1,027.9	283.2	1.3	0	8
9	1,043.7	1,400.4	13.2	0	1,037.3	837.7	5.2	0	1,032.0	486.4	1.7	0	1,027.8	279.0	1.3	0	9
10	1,043.5	1,380.6	13.2	0	1,037.1	822.4	5.2	0	1,031.8	475.4	1.7	0	1,027.7	274.8	1.3	0	10
11	1,043.2	1,351.0	13.1	0	1,037.0	814.7	5.0	0	1,031.7	469.9	1.7	0	1,027.6	270.7	1.6	0	11
12	1,043.0	1,331.3	14.1	0	1,036.8	800.1	5.0	0	1,031.5	459.0	1.7	0	1,027.6	270.7	1.6	0	12
13	1,042.8	1,312.2	14.3	0	1,036.6	785.6	5.0	0	1,031.4	453.5	1.6	0	1,027.5	266.6	1.6	0	13
14	1,042.5	1,283.6	10.6	0	1,036.4	771.0	4.9	0	1,031.2	442.5	1.6	0	1,027.3	258.2	1.7	0	14
15	1,042.3	1,264.6	10.6	0	1,036.2	756.5	4.9	0	1,031.1	437.0	1.6	0	1,027.2	254.1	1.7	0	15
16	1,042.1	1,245.5	10.6	0	1,036.0	741.9	3.9	0	1,031.0	431.5	1.5	0	1,027.2	254.1	1.7	0	16
17	1,041.8	1,217.6	10.6	0	1,035.8	728.0	3.9	0	1,030.8	421.2	1.5	0	1,027.1	250.0	1.7	0	17
18	1,041.6	1,199.3	11.7	0	1,035.6	714.2	3.8	0	1,030.7	416.0	1.5	0	1,027.1	250.0	1.6	0	18
19	1,041.4	1,180.9	10.8	0	1,035.4	700.3	3.8	0	1,030.5	405.8	1.4	0	1,027.0	245.8	1.6	0	19
20	1,041.2	1,162.6	10.7	0	1,035.3	693.4	3.8	0	1,030.4	400.6	1.4	0	1,026.9	242.0	1.6	0	20
21	1,041.0	1,144.2	10.7	0	1,035.1	679.5	3.0	0	1,030.2	390.3	1.2	0	1,026.9	242.0	1.4	0	21
22	1,040.7	1,117.8	8.4	0	1,034.9	665.0	3.0	0	1,030.1	385.2	1.2	0	1,026.8	238.2	1.4	0	22
23	1,040.5	1,100.2	8.3	0	1,034.7	652.9	3.0	0	1,030.0	380.0	1.2	0	1,026.7	234.3	1.4	0	23
24	1,040.3	1,082.5	8.3	0	1,034.6	646.3	3.0	0	1,029.8	370.4	1.1	0	1,026.5	226.7	1.4	0	24
25	1,040.1	1,064.9	8.3	0	1,034.4	633.2	3.0	0	1,029.7	365.6	1.1	0	1,026.4	222.9	1.3	0	25
26	1,039.9	1,047.7	8.0	0	1,034.2	620.0	2.6	0	1,029.5	356.0	1.1	0	1,026.4	222.9	1.3	0	26
27	1,039.7	1,030.8	8.0	0	1,034.1	613.5	2.6	0	1,029.4	351.2	1.1	0	1,026.3	219.1	1.3	0	27
28	1,039.5	1,013.9	8.0	0	1,033.9	600.7	2.6	0	1,029.3	346.4	1.1	0	1,026.1	211.4	1.3	0	28
29	1,039.3	997.0	8.0	0	1,033.7	588.3	2.6	0	1,029.1	336.8	1.1	0	1,026.0	207.6	1.3	0	29
30	1,039.1	980.1	8.0	0	1,033.5	575.8	2.6	0	1,029.0	332.0	1.1	0	1,026.0	207.6	1.3	0	30
31					1,033.4	569.6	2.6	0	1,028.9	327.5	1.0	0					31
TOTAL			355.0	0			133.6	0			46.7	0			42.2	0	
Inf. Ac. Ft.			704.1				265.0				92.6				83.7	16,390.7	
Outf. Ac. Ft.			0 + (1,360.7)				0 + (675.6)				0 + (334.8)				0 + (203.5)	6,056.7 + (10,128.9)	
Maximum Mean Daily Inflow			25.7				6.6				2.1				1.7	934.3	
Minimum Mean Daily Inflow			8.0				2.6				1.0				1.3	0	
Storage Change			− 656.5				− 410.5				− 242.1				− 119.9	+ 205.7	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,052.9	feet	on	VARIOUS DAYS	Storage	2,451.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,001.5	feet	on	11/6/66	Storage	0.7	Acre Feet	R. GARRISON	Dam Tender	Gage Hts. copied	JAS RAP
Max. Peak Inf.	2,130.	C. F. S. from	5:00 P.M.	on	12/6/66	to	6:00 P.M.	on	12/6/66	R. V. WOOD	Hydrographer	Storage applied	JAS RAP
Max. Peak Outf.	1,615.	C. F. S. from	6:30 P.M.	on	12/6/66	to	7:30 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	JAS RAP

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.
{ INDICATES AVERAGE FOR PERIOD.

760138N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of EATON WASH Dam

~~In~~ On Eaton Wash for the Year Ending September 30, 19 66

Drainage Area 12.4 Square Miles. Capacity of Reservoir 769.7 / 872.8 Ac. Ft. at Spillway Elev. 887.5 Ft. as of April / February 1966 / 19 64

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	NOVEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	DECEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	JANUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	849.0	1.5	0	0	846.8	0.7	0	0	879.7	515.8	12.2	28.0	887.7	778.2	75.6	64.1	1
2	848.8	1.4	0	0	846.8	0.7	0	0	877.4	470.3	6.8	23.9	887.7	778.2	71.0	59.5	2
3	848.5	1.3	0	0	846.8	0.7	C	0	876.3	433.1	7.9	21.0	887.7	778.2	65.4	53.9	3
4	848.3	1.2	0	0	846.8	0.7	0	0	875.0	390.8	3.8	20.0	887.7	778.2	66.4	54.9	4
5	848.2	1.2	0	0	846.7	0.6	0	0	873.7	350.2	3.5	19.0	887.1	752.5	35.3	36.9	5
6	848.1	1.1	0	0	846.6	0.6	0	0	872.2	305.4	0.1	18.0	886.4	723.1	22.4	26.3	6
7	847.9	1.1	0	0	846.6	0.6	0	0	870.6	262.2	0.2	18.0	886.2	714.8	19.2	12.6	7
8	847.8	1.0	0	0	846.6	0.6	0	0	869.0	223.5	1.1	17.0	886.1	710.6	17.1	8.5	8
9	847.8	1.0	0	0	846.5	0.6	0	0	868.6	214.5	12.5	13.5	885.9	702.3	14.8	8.4	9
10	847.7	1.0	0	0	846.5	0.6	0	0	869.2	205.6	9.8	10.9	885.7	694.2	14.9	8.4	10
11	847.7	1.0	0	0	846.5	0.6	0	0	866.2	162.9	9.7	27.9	884.2	633.7	13.2	33.6	11
12	847.6	1.0	0	0	846.4	0.6	0	0	866.8	175.3	9.8	0	882.6	571.5	11.4	33.5	12
13	847.6	1.0	0	0	846.4	0.6	0	0	865.4	146.8	2.2	13.8	881.3	522.6	10.4	26.4	13
14	847.5	0.9	0	0	853.6	6.6	3.5	+	865.0	138.8	6.2	7.5	880.3	486.2	10.3	20.3	14
15	847.5	0.9	0	0	856.0	17.3	6.2	+	864.2	123.8	6.4	11.5	879.6	461.7	13.5	17.9	15
16	847.5	0.9	0	0	861.8	82.8	35.0	+	862.2	89.1	2.9	18.3	879.2	448.0	18.7	17.7	16
17	847.4	0.9	0	0	877.4	470.3	202.5	+	857.4	28.7	2.4	30.8	878.5	425.0	16.0	20.0	17
18	847.4	0.9	0	0	878.3	501.6	52.-	28.9	843.1	0	1.0	15.5	877.4	390.1	10.7	21.1	18
19	847.3	0.8	0	0	874.8	384.5	0.2	48.0	843.1	0	0	0	876.2	353.5	9.1	20.8	19
20	847.3	0.8	0	0	870.9	269.7	0.2	45.0	851.3	3.1	1.8	0	875.2	324.0	7.1	15.7	20
21	847.3	0.8	0	0	866.8	175.3	3.1	41.0	852.4	4.3	0.9	0	874.2	295.6	4.6	12.9	21
22	847.3	0.8	0	0	885.7	794.2	366.5	43.8	853.2	5.7	1.1	0	873.2	268.2	4.5	12.7	22
23	847.2	0.8	0	0	886.3	820.2	197.0	173.1	853.6	6.6	0.8	0	872.2	241.9	4.3	12.4	23
24	847.1	0.8	0	0	887.7	881.7	215.6	173.2	853.9	7.3	0.9	0	871.1	214.8	3.4	12.1	24
25	847.1	0.8	0	0	887.3	864.0	117.5	115.3	854.1	7.9	0.8	0	869.9	188.2	2.8	11.9	25
26	847.1	0.8	0	0	886.6	833.3	59.7	66.4	854.3	8.7	0.9	0	869.2	173.8	4.8	7.8	26
27	847.0	0.7	0	0	885.2	772.8	31.8	54.0	854.3	8.7	0.5	0	868.4	158.1	3.2	7.1	27
28	847.0	0.7	0	0	883.5	701.6	23.8	52.0	854.7	10.2	1.3	0	867.0	132.2	1.6	11.2	28
29	847.0	0.7	0	0	881.6	625.0	19.5	51.0	882.2	556.2 (1)	414.8	83.8	865.7	110.7	3.3	11.0	29
30	846.9	0.7	0	0	879.9	559.7	12.9	39.3	886.6	731.5	108.3	9.1	867.2	134.0	18.0	2.7	30
31	846.9	0.7	0	0					887.7	778.2	61.8	26.7	867.0	132.2	9.9	7.3	31
TOTAL			0	0			1,347.1	931.0			692.4	434.2			582.9	669.6	
Inf. Ac. Ft.			0				2,671.9				1,373.4				1,156.2	5,201.5	
Outf. Ac. Ft.			0 + (1.0)				1,846.6 + 266.4				861.2 + (201.1)				1,328.1 + (474.0)	4,035.9 + (942.5)	
Maximum Mean Daily Inflow			0				366.5				414.8				75.6	414.8	
Minimum Mean Daily Inflow			0				0				0.1				1.6	0	
Storage Change			- 1.0				+ 559.0				+ 218.5				- 646.0	+ 130.5 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	887.7	feet	on	1/1-2/66	Storage	778.2	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	846.5	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	J. BARR	Dam Tender	Gage Hts. copied	FM FM	
Max. Peak Inf.	1,525.	C. F. S. from	2:00 P.M.	on	12/29/65	to	2:30 P.M.	on	12/29/65	R. V. WOOD	Hydrographer	Storage applied	FM JAS FM TS	
Max. Peak Outf.	510.	C. F. S. from	3:30 P.M.	on	12/29/65	to	6:30 P.M.	on	12/29/65		Hydrographer	Inf. & Outf. comp.	FM JAS FM	

REMARKS (1) 92.6 ACRE-FEET STORAGE LOSS DUE TO SILTATION. CHANGE TO TABLE XXII 12/29/65.

( ) INDICATES EVAPORATION AND OTHER LOSSES. + = 0.05 CFS OR LESS.

(INDICATES AVERAGE FOR PERIOD.

760138N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of EATON WASH Dam

~~In~~ On Eaton Wash for the Year Ending September 30, 19 66

Drainage Area 12.4 Square Miles. Capacity of Reservoir 769.7 Ac. Ft. at Spillway Elev. 887.5 Ft. as of April 19 66

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MARCH Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	APRIL Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MAY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	866.1	117.1	7.4	11.8	849.0	0.6	0.2	0	853.6	3.7	0	0	846.5	0	0	0	1
2	864.5	92.4	1.5	11.2	850.5	1.2	0.3	0	853.4	3.5	0	0	846.5	0	0	0	2
3	862.8	69.3	1.1	10.7	851.0	1.5	0.2	0	853.2	3.2	0	0	846.5	0	0	0	3
4	861.6	55.0	1.6	6.8	851.4	1.7	0.2	0	853.0	2.9	0	0	846.5	0	0	0	4
5	861.7	56.1	2.5	0	851.6	1.8	0.2	0	852.8	2.7	0	0	846.5	0	0	0	5
6	865.8	112.3	31.6	0	851.7	1.9	0.1	0	852.6	2.6	0	0	846.5	0	0	0	6
7	866.0	115.4	13.3	8.6	851.7	1.9	0.1	0	852.5	2.5	0	0	846.5	0	0	0	7
8	864.6	93.9	6.2	14.2	851.7	1.9	0.1	0	852.4	2.4	0	0	846.5	0	0	0	8
9	863.0	71.7	4.8	13.6	851.7	1.9	0.1	0	852.3	2.3	0	0	350.2	1.1	0.7	0	9
10	861.0	48.3	2.9	12.9	851.7	1.9	0.1	0	852.2	2.3	0	0	850.1	1.0	0.1	0	10
11	858.2	23.6	0.9	12.1	851.7	1.9	0.1	0	852.1	2.2	0	0	850.0	1.0	0.1	0	11
12	856.7	14.2	1.9	5.5	851.7	1.9	0.1	0	852.0	2.1	0	0	849.9	1.0	0	0	12
13	856.9	15.3	1.7	0	851.7	1.9	0.1	0	851.9	2.0	0	0	849.8	1.0	0	0	13
14	857.0	15.8	1.3	0	851.7	1.9	0.1	0	851.9	2.0	0	0	849.7	0.9	0	0	14
15	857.2	17.1	1.8	0	851.7	1.9	0.1	0	851.8	2.0	0	0	849.7	0.9	0	0	15
16	857.2	17.1	1.1	0	851.6	1.9	0.1	0	851.8	2.0	0	0	849.6	0.8	0	0	16
17	857.3	17.7	1.5	0	851.5	1.8	0	0	851.8	2.0	0	0	849.6	0.8	0	0	17
18	857.4	18.3	1.5	0	851.3	1.7	0	0	851.7	1.9	0	0	849.5	0.8	0	0	18
19	857.4	18.3	1.2	0	851.0	1.5	0	0	851.6	1.9	0	0	849.5	0.8	0	0	19
20	857.4	18.3	1.2	0	850.7	1.4	0	0	851.5	1.8	0	0	849.4	0.8	0	0	20
21	857.4	18.3	1.2	0	850.4	1.2	0	0	851.4	1.7	0	0	849.4	0.8	0	0	21
22	857.4	18.3	1.2	0	850.2	1.0	0	0	846.5	0	0	0	849.3	0.7	0	0	22
23	857.4	18.3	1.2	0	849.9	1.0	0	0	846.5	0	0	0	849.2	0.7	0	0	23
24	855.9	10.2	1.9	5.0	853.8	4.0	1.7	0	846.5	0	0	0	849.2	0.7	0	0	24
25	846.5	0	0.0	4.0	854.6	6.0	1.3	0	846.5	0	0	0	849.1	0.6	0	0	25
26	846.5	0	0	0	854.5	5.8	0.2	0	846.5	0	0	0	849.1	0.6	0	0	26
27	849.0	0.6	0.6	0	854.4	5.6	0.2	0	845.5	0	0	0	849.0	0.6	0	0	27
28	847.9	0.3	0	0	854.4	5.3	0.1	0	846.5	0	0	0	849.0	0.6	0	0	28
29					854.2	4.8	0.1	0	846.5	0	0	0	848.9	0.6	0	0	29
30					854.0	4.3	0	0	846.5	0	0	0	848.9	0.6	0	0	30
31					853.8	4.0	0	0	846.5	0	0	0	848.9	0.6	0	0	31
TOTAL			93.1	116.4			5.8	0			0	0			0.9	0	
Inf. Ac. Ft.			184.7				11.5				0				1.8	5,399.5	
Outf. Ac. Ft.			230.9 + (85.7)				0 + (7.9)				0 + (4.0)				0 + (1.2)	4,266.8 + (1,041.3)	
Maximum Mean Daily Inflow			31.6				1.7				0				0.7	414.8	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change			- 131.9				+ 3.7				- 4.0				+ 0.6	- 1.1 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	887.7	feet	on	1/1-2/66	Storage	778.2	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	846.5	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	J. BARR	Dam Tender	Gage Hts. copied	FM JAS FM	
Max. Peak Inf.	1,525.	C. F. S. from	2:00 P.M.	on	12/29/65	to	2:30 P.M.	on	12/29/65	R. V. WOOD	Hydrographer	Storage applied	JAS FM	
Max. Peak Outf.	510.	C. F. S. from	3:30 P.M.	on	12/29/65	to	6:30 P.M.	on	12/29/65		Hydrographer	Inf. & Outf. comp.	JAS FM TS	

REMARKS (1) 92.6 ACRE-FEET LOSS DUE TO SILTATION.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D136N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of EATON WASH Dam

In Eaton Wash for the Year Ending September 30, 1966
On

Drainage Area 12.4 Square Miles. Capacity of Reservoir 769.7 Ac. Ft. at Spillway Elev. 887.5 Ft. as of April 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C.F.S. Inflow	JUNE C.F.S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C.F.S. Inflow	JULY C.F.S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C.F.S. Inflow	AUGUST C.F.S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C.F.S. Inflow	SEPTEMBER C.F.S. Outflow	Day
1	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	1
2	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	2
3	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	3
4	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	4
5	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	5
6	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	6
7	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	7
8	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	8
9	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	9
10	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	10
11	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	11
12	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	12
13	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	13
14	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	14
15	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	15
16	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	16
17	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	17
18	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	18
19	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	19
20	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	20
21	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	21
22	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	22
23	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	23
24	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	24
25	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	25
26	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	26
27	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	27
28	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	28
29	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	29
30	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	846.5	0	0	0	30
31					846.5	0	0	0	846.5	0	0	0					31
TOTAL			0	0			0	0			0	0			0	0	
Inf. Ac. Ft.			0				0				0				0	5,399.5	
Outf. Ac. Ft.			0 + (0.6)				0				0				0	4,266.8 + (1,041.9)	
Maximum Mean Daily Inflow			0				0				0				0	414.8	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change		− 0.6				0				0				0		− 1.7 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	887.7	feet	on	1/1 - 2/66	Storage	778.2	Acre Feet			
Min. W. S. Elev.	846.5	feet	on	VARIOUS DAYS	Storage	0	Acre Feet			
Max. Peak Inf.	1,525.	C. F. S. from	2:00 P.M.	on	12/29/65	to	2:30 P.M.	on	12/29/65	
Max. Peak Outf.	510.	C. F. S. from	3:30 P.M.	on	12/29/65	to	6:30 P.M.	on	12/29/65	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
J. BARR	Dam Tender	Gage Hts. copied	JAS	FM
R. V. WOOD	Hydrographer	Storage applied	JAS	FM
	Hydrographer	Inf. & Outf. comp.	JAS	FM

REMARKS (1) 92.6 ACRE-FEET LOSS DUE TO SILTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D136N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of EATON WASH Dam

~~In~~ Eaton Wash for the Year Ending September 30, 1967
On

Drainage Area 12.4 Square Miles. Capacity of Reservoir 758.4 / 769.7 Ac. Ft. at Spillway Elev. 887.5 Ft. as of JULY 1967 / APRIL 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1		0.2	0	0	843.6	0.2	0	0	858.2	23.6	0.9	+	861.4	46.9	1.6	0	1
2		0.2	0	0	843.6	0.2	0	0	860.3	41.3	10.6	+	861.3	46.0	1.5	0	2
3		0.2	0	0	843.6	0.2	0	0	874.6	306.9	151.9	+	861.2	45.0	1.5	0	3
4		0.2	0	0	843.6	0.2	0	0	874.1	292.8	6.9	+	861.1	44.0	1.5	0	4
5		0.2	0	0	843.5	0.2	0	0	877.9	405.7	66.1	2.6	861.1	44.0	1.5	0	5
6	844.3	0.2	0	0	844.0	0.3	0.1	0	885.4	668.9	317.1	169	861.0	43.1	1.5	0	6
7	844.2	0.2	0	0	862.5	65.6	42.9	+	886.5	715.2	107.0	73	860.9	42.3	1.5	0	7
8	844.2	0.2	0	0	862.0	59.5	9.9	+	886.0	693.9	25.9	28	860.8	41.4	1.5	0	8
9	844.2	0.2	0	0	861.6	55.0	3.7	+	884.1	615.7	5.8	37	860.7	40.6	1.5	0	9
10	844.2	0.2	0	0	861.3	51.7	2.4	+	881.9	529.4	3.0	36	860.7	40.6	1.5	0	10
11	844.1	0.2	0	0	861.1	49.4	1.0	0	879.6	444.6	2.5	35	860.6	39.4	1.4	0	11
12	844.1	0.2	0	0	860.9	47.3	1.0	0	875.3	306.4	2.5	59	860.5	38.9	1.4	0	12
13	844.1	0.2	0	0	860.7	45.3	1.0	0	869.4	161.6	2.5	65	860.4	38.1	1.4	0	13
14	844.0	0.2	0	0	860.5	43.3	1.0	0	863.9	74.2	2.5	42	860.4	38.1	1.4	0	14
15	844.0	0.2	0	0	860.3	41.3	1.0	0	861.9	51.6	2.5	14.3	860.3	37.2	1.4	0	15
16	844.0	0.2	0	0	860.1	39.3	1.0	0	862.0	52.6	2.5	0	860.1	35.5	1.3	0	16
17	844.0	0.2	0	0	860.0	38.3	1.0	0	862.1	53.7	2.5	0	860.1	35.5	1.3	0	17
18	843.9	0.2	0	0	859.8	36.3	1.0	0	862.1	53.7	2.0	0	860.0	34.7	1.3	0	18
19	843.9	0.2	0	0	859.7	35.7	1.0	0	862.1	53.7	2.0	0	860.0	34.7	1.3	0	19
20	843.9	0.2	0	0	859.6	34.8	0.9	0	862.1	53.7	2.0	0	859.8	33.2	1.3	0	20
21	843.8	0.2	0	0	859.5	33.9	0.9	0	862.1	53.7	2.0	0	859.8	33.2	1.2	0	21
22	843.8	0.2	0	0	859.3	32.1	0.9	0	862.1	53.7	2.0	0	865.7	99.1	45.3	0	22
23	843.8	0.2	0	0	859.2	31.3	0.9	0	862.0	52.6	1.7	0	866.1	105.1	11.0	0	23
24	843.7	0.2	0	0	859.0	29.5	0.9	0	861.9	51.6	1.7	0	874.4	280.6	99.5	0	24
25	843.7	0.2	0	0	858.9	28.8	0.8	0	861.9	51.6	1.7	0	874.0	269.3	26.3	26	25
26	843.7	0.2	0	0	858.8	28.0	0.9	0	861.8	50.7	1.7	0	870.5	183.4	3.0	44	26
27	843.7	0.2	0	0	858.7	27.3	0.9	0	861.8	50.7	1.7	0	865.7	99.1	2.8	40	27
28	843.7	0.2	0	0	858.6	26.5	0.9	0	861.7	49.8	1.7	0	860.6	39.4	1.7	30	28
29	843.7	0.2	0	0	858.4	25.1	0.9	0	861.6	48.8	1.7	0	860.3	37.2	1.7	0	29
30	843.7	0.2	0	0	858.3	24.3	1.0	0	861.5	47.8	1.6	0	860.4	38.1	1.6	0	30
31	843.6	0.2	0	0					861.5	47.8	1.6	0	860.4	38.1	1.6	0	31
TOTAL			0	0			76.9				737.8	560.9			224.3	140.0	
Inf. Ac. Ft.			0				152.5				1,463.4				444.9	2,060.8	
Outf. Ac. Ft.			0				+ + (128.3)				1,112.5 + (314.4)				277.7 + (176.9)	1,390.2 + (619.6)	
Maximum Mean Daily Inflow			0				42.9				317.1				99.5	317.1	
Minimum Mean Daily Inflow			0				0				0.9				1.2	0	
Storage Change		0				+ 24.1				+ 23.5 (1)				− 9.7		+ 37.9 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	886.6	feet	on	12/6 & 8/66	Storage	719.5	Acre Feet			
Min. W. S. Elev.	842.9	feet	on	VARIOUS DAYS	Storage	0	Acre Feet			
Max. Peak Inf.	595.	C. F. S. from	6:00 P.M.	on	12/6/66	to	7:00 P.M.	on	12/6/66	
Max. Peak Outf.	605.	C. F. S. from	6:09 P.M.	on	12/6/66	to	7:54 P.M.	on	12/6/66	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
J. BARR	Dam Tender	Gage Hts. copied	JAS	FM
R. V. WOOD	Hydrographer	Storage applied	JAS	FM
	Hydrographer	Inf. & Outf. comp.	FM	RAP

REMARKS (1) 13.0 ACRE-FEET STORAGE LOSS DUE TO SILTATION. CHANGE TO TABLE XXIII 12/6/66.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
< INDICATES AVERAGE FOR PERIOD. + = 0.05 CFS OR LESS.

76D138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of EATON WASH Dam

In / On Eaton Wash for the Year Ending September 30, 1967

Continuous Water Stage Recorder Au

Drainage Area 12.4 Square Miles. Capacity of Reservoir 758.4 Ac. Ft. at Spillway Elev. 887.5 Ft. as of July 1967 Gage Heights Read Daily

Day	FEBRUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MARCH Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	APRIL Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MAY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	860.3	37.2	1.5	0	858.4	23.6	1.0	0	865.2	91.8	12.8	0	881.5	514.3	10.7	0	1
2	860.3	37.2	1.5	0	859.3	23.0	1.0	0	865.0	88.9	6.3	0	881.7	521.9	10.7	0	2
3	860.2	36.4	1.4	0	858.2	22.4	1.0	0	866.1	105.1	6.3	0	881.8	525.6	10.7	0	3
4	860.2	36.4	1.4	0	858.1	21.7	1.0	0	866.5	111.3	6.3	0	881.9	529.4	10.7	0	4
5	860.1	35.5	1.4	0	858.0	21.1	0.9	0	866.6	112.9	4.2	0	881.9	529.4	10.7	0	5
6	860.0	34.7	1.4	0	858.0	21.1	0.9	0	866.7	114.4	4.2	0	882.0	533.2	9.0	0	6
7	860.0	34.7	1.4	0	857.9	20.6	0.9	0	867.0	119.1	5.8	0	881.9	529.4	8.9	0	7
8	859.9	34.0	1.4	0	857.8	20.0	0.9	0	867.0	119.1	3.5	0	881.9	529.4	8.9	0	8
9	859.8	33.2	1.4	0	857.7	19.5	0.9	0	866.9	117.5	2.7	0	881.9	529.4	8.9	0	9
10	859.8	33.2	1.3	0	857.6	19.0	0.9	0	866.9	117.5	3.5	0	881.9	529.4	8.9	0	10
11	859.7	32.5	1.2	0	858.1	21.7	2.5	0	869.4	161.6	26.6	0	881.9	529.4	8.9	0	11
12	859.6	31.8	1.2	0	864.7	84.8	34.7	0	870.1	175.2	11.3	0	881.8	525.6	6.9	0	12
13	859.5	31.0	1.2	0	872.4	227.0	76.9	0	870.2	177.2	5.6	0	881.8	525.6	6.9	0	13
14	859.5	31.0	1.1	0	874.4	280.6	33.1	0	870.3	179.3	5.7	0	881.6	518.1	6.8	0	14
15	859.4	30.3	1.1	0	872.9	239.7	13.9	29	870.3	179.3	4.6	0	881.5	514.3	6.8	0	15
16	859.3	29.6	1.0	0	870.0	173.1	13.0	42	870.4	181.4	5.7	0	881.4	510.5	5.6	0	16
17	859.3	29.6	1.0	0	867.3	124.1	15.6	37	870.4	181.4	4.6	0	881.2	503.0	5.6	0	17
18	859.2	28.9	1.0	0	865.4	94.7	5.9	18	872.5	229.5	29.4	0	881.1	499.2	5.6	0	18
19	859.1	28.1	0.9	0	863.0	63.3	3.2	16	873.4	253.0	17.6	0	880.9	491.7	5.6	0	19
20	859.0	27.4	0.9	0	862.3	55.8	3.1	5.5	873.9	266.6	12.7	0	880.7	484.4	5.5	0	20
21	859.0	27.4	1.0	0	862.5	58.0	2.4	0	875.2	303.5	24.9	0	880.6	480.7	3.9	0	21
22	858.9	26.8	1.0	0	862.7	60.1	2.3	0	877.4	370.8	41.1	0	880.3	469.7	3.9	0	22
23	858.8	26.1	1.0	0	862.7	60.1	2.3	0	878.1	393.4	18.8	0	880.1	462.4	3.8	0	23
24	858.8	26.1	1.0	0	862.8	61.2	2.3	0	879.0	423.5	23.0	0	879.8	451.7	3.8	0	24
25	858.7	25.5	1.0	0	862.8	61.2	2.3	0	879.5	441.1	16.8	0	879.5	441.1	3.8	0	25
26	858.6	24.9	1.0	0	862.8	61.2	2.3	0	880.0	458.7	17.1	0	879.3	434.1	4.3	0	26
27	858.5	24.2	1.0	0	862.7	60.1	2.3	0	880.4	473.4	15.7	0	879.0	423.5	4.3	0	27
28	858.5	24.2	1.0	0	862.7	60.1	2.3	0	880.9	491.7	17.7	0	878.9	420.2	4.4	0	28
29					862.6	59.0	2.3	0	881.2	503.0	14.4	0	878.7	413.4	4.4	0	29
30					862.5	58.0	2.3	0	881.4	510.5	12.5	0	878.5	406.8	4.4	0	30
31					863.7	71.8	9.3	0					878.4	403.4	4.4	0	31
TOTAL			32.7	0			243.7	147.5			381.4	0			207.7	0	
Inf. Ac. Ft.			64.9				483.4				756.5				412.0	3,777.6	
Outf. Ac. Ft.			0 + (78.7)				292.6 + (143.2)				0 + (317.8)				0 + (519.1)	1,682.8 + (1,678.4)	
Maximum Mean Daily Inflow			1.5				76.9				41.1				10.7	317.1	
Minimum Mean Daily Inflow			0.9				0.9				2.7				3.8	0	
Storage Change			− 13.9				+ 47.6				+ 438.7				− 107.1	+ 403.2 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	886.6	feet	on	12/6 & 8/66	Storage	719.5	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	842.9	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	J. BARR	Dam Tender	Gage Hts. copied	JAS	FM
Max. Peak Inf.	595.	C. F. S. from	6:00 P.M.	on	12/6/66	to	7:00 P.M. on 12/6/66	R. V. WOOD	Hydrographer	Storage applied	JAS	FM
Max. Peak Outf.	605.	C. F. S. from	6:09 P.M.	on	12/6/66	to	7:54 P.M. on 12/6/66		Hydrographer	Inf. & Outf. comp.	FM	RAP

REMARKS (1) 13.0 ACRE-FEET STORAGE LOSS DUE TO SILTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
(INDICATES EVAPORATION AND OTHER LOSSES.

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DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of EATON WASH Dam

In / On Eaton Wash for the Year Ending September 30, 1967

Continuous Water Stage Recorder Au

Drainage Area 12.4 Square Miles. Capacity of Reservoir 758.4 Ac. Ft. at Spillway Elev. 887.5 Ft. as of July 1967 Gage Heights Read Daily

Day	JUNE Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	JULY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	AUGUST Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	SEPTEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	878.3	400.0	2.4	0	843.2	0.1	0	0	842.9	0	0	0	842.9	0	0	0	1
2	878.0	390.0	2.4	0	843.2	0.1	0	0	842.9	0	0	0	842.9	0	0	0	2
3	877.7	380.4	2.4	0	843.2	0.1	0	0	842.9	0	0	0	842.9	0	0	0	3
4	877.5	374.0	2.3	0	843.2	0.1	0	0	842.9	0	0	0	842.9	0	0	0	4
5	877.2	364.4	2.3	0	843.2	0.1	0	0	842.9	0	0	0	842.9	0	0	0	5
6	876.9	354.9	2.0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	6
7	876.7	349.7	2.0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	7
8	876.4	339.5	2.0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	8
9	876.2	333.3	2.0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	9
10	875.9	324.2	2.0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	10
11	875.7	318.2	2.0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	11
12	875.5	312.4	1.9	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	12
13	875.3	306.4	1.9	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	13
14	875.1	300.6	1.9	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	14
15	874.9	294.8	1.9	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	15
16	874.6	286.3	1.5	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	16
17	874.4	280.6	1.5	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	17
18	874.1	272.1	1.4	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	18
19	873.9	265.6	1.4	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	19
20	870.8	189.7	1.4	34	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	20
21	864.0	75.4	0.6	50	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	21
22	856.2	12.2	0.2	29	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	22
23	851.0	2.5	0.1	0.2	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	23
24	843.4	0.1	0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	24
25	843.3	0.1	0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	25
26	843.3	0.1	0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	26
27	843.3	0.1	0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	27
28	843.3	0.1	0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	28
29	843.3	0.1	0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	29
30	843.3	0.1	0	0	842.9	0	0	0	842.9	0	0	0	842.9	0	0	0	30
31					842.9	0	0	0	842.9	0	0	0					31
TOTAL			39.5	113.2			0	0			0	0			0	0	
Inf. Ac. Ft.			78.3				0				0				0	3,855.9	
Outf. Ac. Ft.			224.5 + (257.1)				0 + (0.1)				0				0	1,907.3 + (1,935.6)	
Maximum Mean Daily Inflow			2.4				0				0				0	317.1	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change			− 403.3				− 0.1				0				0	− 0.2 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	886.6	feet	on	12/6 & 8/66	Storage	719.5	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	842.9	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	J. BARR	Dam Tender	Gage Hts. copied	JAS	FM
Max. Peak Inf.	595.	C. F. S. from	6:00 P.M.	on	12/6/66	to	7:00 P.M. on 12/6/66	R. V. WOOD	Hydrographer	Storage applied	JAS	FM
Max. Peak Outf.	605.	C. F. S. from	6:09 P.M.	on	12/6/66	to	7:54 P.M. on 12/6/66		Hydrographer	Inf. & Outf. comp.	FM	RAP

REMARKS (1) 13.0 ACRE-FEET STORAGE LOSS DUE TO SILTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
(INDICATES AVERAGE FOR PERIOD.

760139N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SANTA ANITA Dam

In Santa Anita Canyon for the Year Ending September 30, 19 66

Drainage Area 10.8 Square Miles. Capacity of Reservoir 552.3 / 629.5 Ac. Ft. at Spillway Elev. 1,316.0 Ft. as of September / April 1966 / 1962

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read Daily

Day	OCTOBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	NOVEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	DECEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	JANUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	1,249.0	128.7	1.3	0	1,259.0	173.9	0.5	0	1,285.7	339.8	37.6	59.7	1,310.1	482.1	104.7	135.7	1
2	1,249.4	130.3	0.8	0	1,259.3	175.4	0.8	0	1,288.4	360.5	36.0	25.6	1,310.0	481.0	83.4	84.0	2
3	1,249.9	132.4	1.0	0	1,259.6	176.9	0.7	0	1,289.9	372.3	31.6	25.6	1,312.9	514.4	65.9	49.0	3
4	1,250.4	134.5	1.1	0	1,259.8	177.9	0.5	0	1,290.5	377.2	28.0	25.6	1,314.9	538.6	60.4	48.2	4
5	1,250.8	136.2	0.8	0	1,260.0	178.9	0.5	0	1,290.6	378.0	26.0	25.6	1,314.8	537.4	55.5	56.1	5
6	1,251.2	138.0	0.9	0	1,260.2	179.9	0.5	0	1,290.3	375.5	24.4	25.6	1,312.9	514.4	49.6	61.2	6
7	1,251.6	139.7	0.9	0	1,260.5	181.4	0.8	0	1,289.4	368.4	22.0	25.6	1,311.5	498.0	46.5	54.8	7
8	1,252.0	141.4	0.9	0	1,260.7	182.5	0.5	0	1,288.3	359.7	21.2	25.6	1,310.2	483.3	42.5	49.9	8
9	1,252.4	143.2	0.9	0	1,261.0	184.0	0.8	0	1,287.7	355.1	23.3	25.6	1,309.4	463.4	39.9	49.9	9
10	1,252.8	144.9	0.8	0	1,261.2	185.0	0.5	0	1,287.1	350.5	23.3	25.6	1,307.1	449.4	38.5	45.6	10
11	1,253.1	146.2	0.7	0	1,261.5	186.6	0.8	0	1,285.4	337.6	19.1	25.6	1,305.8	435.7	36.2	43.1	11
12	1,253.5	148.0	0.9	0	1,261.7	187.6	0.5	0	1,284.5	330.9	22.2	25.6	1,305.0	427.4	38.1	42.3	12
13	1,253.8	149.4	0.7	0	1,262.0	189.2	0.8	0	1,282.9	319.2	19.7	25.6	1,303.7	414.2	32.0	38.6	13
14	1,254.2	151.2	0.9	0	1,262.5	191.8	1.4	0.1	1,281.3	307.7	19.8	25.6	1,302.7	404.1	30.9	36.0	14
15	1,254.5	152.6	0.7	0	1,263.9	199.3	4.2	0.4	1,279.0	291.7	17.5	25.6	1,301.8	395.3	31.5	36.0	15
16	1,254.8	154.0	0.7	0	1,262.9	194.0	14.7	17.4	1,276.4	274.2	16.8	25.6	1,300.8	385.6	31.1	36.0	16
17	1,255.2	155.8	0.9	0	1,302.5	484.6	221.9	75.4	1,273.3	254.1	15.5	25.6	1,299.4	372.4	28.6	35.2	17
18	1,255.6	157.7	1.0	0	1,299.4	454.9	111.0	125.9	1,270.0	233.8	15.3	25.6	1,298.4	363.3	27.6	32.2	18
19	1,255.9	159.0	0.6	0	1,299.8	458.6	35.5	33.7	1,266.6	214.2	15.7	25.6	1,297.7	357.0	26.8	30.0	19
20	1,256.2	160.4	0.7	0	1,299.4	454.9	21.8	23.6	1,263.9	199.3	14.8	22.3	1,296.9	349.9	26.4	30.0	20
21	1,256.4	161.4	0.5	0	1,298.2	443.7	18.6	24.3	1,260.1	179.4	11.6	21.6	1,295.9	341.4	25.8	30.0	21
22	1,256.7	162.8	0.8	0	1,318.5	659.4	415.8	307.0	1,255.9	159.0	11.3	21.6	1,294.6	330.4	24.4	30.0	22
23	1,256.9	163.7	0.4	0	1,294.5	410.6	390.3	515.8	1,255.6	157.7	14.1	14.7	1,293.3	319.7	24.6	30.0	23
24	1,257.2	165.2	0.8	0	1,295.6	420.2	309.1	304.2	1,261.9	188.7	15.8	0.2	1,291.7	307.1	22.9	29.2	24
25	1,257.4	166.1	0.4	0	1,305.4	513.8	187.2	140.0	1,267.4	218.7	15.3	0.2	1,290.1	294.9	23.0	29.2	25
26	1,257.6	167.1	0.5	0	1,310.2	564.5	109.3	83.8	1,272.5	249.1	15.5	0.2	1,288.2	280.9	22.2	29.2	26
27	1,257.9	168.5	0.7	0	1,309.5	556.9	80.0	83.8	1,273.5	255.4	12.5	9.3	1,286.1	266.0	21.6	29.2	27
28	1,258.1	169.5	0.5	0	1,305.8	517.9	62.1	81.8	1,268.1	222.7	9.8	26.3	1,283.9	251.2	21.1	28.5	28
29	1,258.3	170.5	0.5	0	1,299.7	457.7	50.6	80.9	1,317.8	575.5(1)	600.4	384.5	1,281.8	237.9	21.0	27.7	29
30	1,258.5	171.4	0.5	0	1,291.3	383.7	40.7	78.0	1,313.6	522.8	295.2	321.8	1,280.7	231.2	23.6	27.0	30
31	1,258.8	172.9	0.7	0					1,315.3	543.6	120.9	110.4	1,279.4	223.7	21.2	25.0	31
TOTAL			23.5	0			2,082.4	1,976.1			1,572.2	1,453.6			1,147.5	1,308.8	
Inf. Ac. Ft.			46.6				4,130.4				3,118.4				2,276.0	9,571.4	
Outf. Ac. Ft.			0				3,919.5				2,883.2				2,596.0	9,398.7	
Maximum Mean Daily Inflow			1.3				415.8				600.4				104.7	600.4	
Minimum Mean Daily Inflow			0.4				0.5				9.8				21.0	0.4	
Storage Change		+ 46.7				+ 210.8				+ 159.9				- 319.9		+ 97.5 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,319.8	feet on	12/29/65	Storage	602.2	Acre Feet		RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,229.0	feet on	5/1-2/66	Storage	0	Acre Feet		D. RAINES	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	1,915.	C. F. S. from	3:45 P.M. on	12/29/65	to	4:00 P.M. on	12/29/65	R. V. WOOD	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	1,223.	C. F. S. from	7:45 P.M. on	12/29/65	to	8:00 P.M. on	12/29/65		Hydrographer	Inf. & Outf. comp.	JAS	RAP

REMARKS (1) 75.4 ACRE-FEET LOSS DUE TO SILTATION. CHANGE TO STORAGE TABLE XVI 12/29/65.

760139N-669 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SANTA ANITA Dam

In Santa Anita Canyon for the Year Ending September 30, 19 66

Drainage Area 10.8 Square Miles. Capacity of Reservoir 552.3 Ac. Ft. at Spillway Elev. 1,316.0 Ft. as of September 19 66

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read Daily

Day	FEBRUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MARCH Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	APRIL Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MAY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	1,277.9	215.3	20.8	25.0	1,265.6	155.5	14.8	17.8	1,263.0	144.3	8.5	4.1	1,229.0	36.2	6.7	7.2	1
2	1,276.1	205.6	20.1	25.0	1,264.1	148.9	14.5	17.8	1,266.7	160.4	8.3	0.1	1,229.4	37.1	7.7	7.2	2
3	1,274.9	199.5	18.2	21.3	1,262.6	142.6	14.6	17.8	1,270.2	176.5	8.2	0.1	1,230.0	38.4	8.4	7.7	3
4	1,272.7	188.5	17.4	22.9	1,261.0	135.9	14.4	17.8	1,273.3	191.5	7.6	0.1	1,230.8	40.2	8.6	7.7	4
5	1,270.8	179.4	18.3	22.9	1,259.5	129.9	14.8	17.8	1,276.2	206.2	7.5	0.1	1,233.6	46.6	6.8	3.6	5
6	1,279.2	222.5	44.8	23.1	1,257.8	123.2	14.4	17.8	1,279.0	221.4	7.8	0.1	1,238.2	58.8	6.2	0.1	6
7	1,281.9	238.5	30.7	22.6	1,256.1	116.8	14.0	17.2	1,281.4	235.4	7.1	0	1,242.2	70.2	5.9	0.1	7
8	1,281.9	238.5	25.6	25.6	1,254.4	110.5	14.0	17.2	1,283.8	250.5	7.6	0	1,246.1	82.1	6.1	0.1	8
9	1,281.1	233.6	22.5	25.0	1,252.5	103.8	13.9	17.2	1,286.0	265.3	7.4	0	1,250.5	96.8	7.5	0.1	9
10	1,280.1	227.7	20.6	23.6	1,250.8	97.8	14.1	17.2	1,288.1	280.1	7.5	0	1,254.6	111.3	7.4	0.1	10
11	1,278.0	215.8	18.3	24.3	1,249.1	91.9	14.3	17.2	1,289.4	289.7	7.9	3.1	1,258.0	124.0	6.5	0.1	11
12	1,275.8	204.1	18.4	24.3	1,247.5	86.6	14.5	17.2	1,287.5	275.8	8.0	15.0	1,261.6	136.3	6.3	0.1	12
13	1,273.4	192.0	18.2	24.3	1,246.0	81.8	14.8	17.2	1,283.4	248.0	9.6	23.6	1,263.8	147.7	5.9	0.1	13
14	1,270.8	179.4	17.3	23.6	1,244.4	76.8	14.6	17.2	1,278.5	218.6	8.8	23.6	1,266.4	159.1	5.7	0	14
15	1,270.3	177.0	17.1	18.3	1,242.8	71.9	14.2	16.6	1,273.2	191.0	9.0	22.9	1,268.8	170.0	5.5	0	15
16	1,271.7	183.7	15.7	12.4	1,244.3	76.5	14.1	11.8	1,268.0	166.3	9.7	22.2	1,271.2	181.3	5.7	0	16
17	1,273.1	190.5	15.9	12.4	1,246.6	83.7	10.8	7.2	1,262.5	142.2	10.1	22.2	1,273.4	192.0	5.4	0	17
18	1,274.3	196.4	17.1	14.2	1,248.0	88.3	10.0	7.7	1,256.9	119.8	10.3	21.6	1,275.5	202.6	5.3	0	18
19	1,275.2	201.0	16.6	14.2	1,249.4	93.0	10.6	8.2	1,251.1	98.8	10.3	20.9	1,277.4	212.6	5.1	0	19
20	1,276.0	205.1	15.6	13.6	1,250.6	97.1	10.3	8.2	1,241.3	67.6	7.9	23.6	1,279.3	223.1	5.3	0	20
21	1,275.9	204.6	14.6	14.8	1,251.8	101.3	10.3	8.2	1,232.1	43.0	7.8	20.2	1,281.0	233.0	5.0	0	21
22	1,274.6	198.0	13.2	16.6	1,252.9	105.2	10.2	8.2	1,230.5	39.5	7.6	9.4	1,282.7	243.5	5.3	0	22
23	1,273.3	191.5	13.4	16.6	1,253.7	108.0	9.6	8.2	1,230.0	38.4	6.6	7.2	1,284.4	254.5	5.5	0	23
24	1,272.0	185.1	13.9	17.2	1,255.2	113.4	12.1	9.4	1,229.3	36.9	6.5	7.2	1,285.8	263.9	4.7	0	24
25	1,270.8	179.4	15.0	17.8	1,257.1	120.6	13.0	9.4	1,229.7	37.7	7.6	7.2	1,287.3	274.4	5.3	0	25
26	1,269.6	173.7	14.9	17.8	1,258.2	124.8	11.5	9.4	1,229.9	38.2	7.4	7.2	1,288.7	284.5	5.1	0	26
27	1,268.3	167.7	14.8	17.8	1,259.0	127.9	11.0	9.4	1,229.6	37.5	6.9	7.2	1,290.1	294.9	5.3	0	27
28	1,266.9	161.4	14.6	17.8	1,259.7	130.7	10.8	9.4	1,229.5	37.3	7.1	7.2	1,291.4	304.8	5.0	0	28
29					1,260.2	132.7	10.4	9.4	1,229.5	37.3	7.2	7.2	1,292.8	315.7	5.5	0	29
30					1,260.6	134.3	9.6	8.8	1,229.4	37.1	7.1	7.2	1,294.0	325.4	4.9	0	30
31					1,260.9	135.5	8.3	7.7					1,291.1	302.5	6.5	18.1	31
TOTAL			523.6	555.0			388.5	401.6			240.9	290.5			186.1	52.3	
Inf. Ac. Ft.			1,038.5				770.6				477.8				369.1	12,227.4	
Outf. Ac. Ft.			1,100.8				796.6				576.2				103.7	11,976.0	
Maximum Mean Daily Inflow			44.8				14.8				10.3				8.6	600.4	
Minimum Mean Daily Inflow			13.2				8.3				6.5				4.9	0.4	
Storage Change		- 62.3				- 25.9				- 98.4				+ 265.4		+ 176.3 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,319.8	feet on	12/29/65	Storage	602.2	Acre Feet		RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,229.0	feet on	5/1-2/66	Storage	0	Acre Feet		D. RAINES	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	1,915.	C. F. S. from	3:45 P.M. on	12/29/65	to	4:00 P.M. on	12/29/65	R. V. WOOD	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	1,223.	C. F. S. from	7:45 P.M. on	12/29/65	to	8:00 P.M. on	12/29/65		Hydrographer	Inf. & Outf. comp.	JAS	RAP

REMARKS (1) 75.4 ACRE-FEET LOSS DUE TO SEDIMENTATION.

760138N-66B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SANTA ANITA Dam

In Santa Anita Canyon for the Year Ending September 30, 1966

~~On~~

Drainage Area 10.8 Square Miles. Capacity of Reservoir 552.3 Ac. Ft. at Spillway Elev. 1316.0 Ft. as of September 1966

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read Daily

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C.F.S. Inflow	JUNE C.F.S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C.F.S. Inflow	JULY C.F.S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C.F.S. Inflow	AUGUST C.F.S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C.F.S. Inflow	SEPTEMBER C.F.S. Outflow	Day
1	1,284.6	255.8	4.2	27.7	1,290.5	297.9	3.1	0.1	1,254.3	110.2	3.6	0.4	1,255.8	115.7	2.4	0.1	1
2	1,279.3	223.1	11.2	27.7	1,291.3	304.0	3.6	0.1	1,255.9	116.0	3.4	0.4	1,256.9	119.8	2.2	0.1	2
3	1,272.1	185.6	7.4	26.3	1,292.1	310.2	3.2	0.1	1,257.5	122.1	3.4	0.4	1,257.8	123.2	1.7	0.1	3
4	1,264.2	149.4	8.0	26.3	1,292.9	316.3	3.3	0.1	1,258.9	127.5	3.1	0.4	1,258.7	126.7	1.9	0.1	4
5	1,255.5	114.6	8.8	26.3	1,293.6	322.2	3.0	0.1	1,260.3	133.1	2.9	0	1,259.8	131.1	2.2	0.1	5
6	1,250.7	97.4	6.7	15.4	1,294.4	328.7	3.4	0.1	1,261.6	138.4	2.6	0	1,260.6	134.3	1.6	0.1	6
7	1,253.4	106.9	4.9	0.1	1,295.1	334.6	3.0	0.1	1,262.7	143.0	2.4	0	1,261.5	138.0	2.0	0.1	7
8	1,256.2	117.2	5.3	0.1	1,295.7	339.6	2.7	0.1	1,263.9	148.1	2.5	0	1,262.4	141.8	1.9	0.1	8
9	1,258.8	127.1	5.1	0.1	1,296.4	345.6	3.1	0.1	1,265.0	152.9	2.5	0	1,263.2	145.1	1.7	0.1	9
10	1,261.3	137.2	5.2	0.1	1,296.9	349.9	2.2	0.1	1,266.0	157.3	2.2	0	1,263.9	148.1	1.6	0.1	10
11	1,263.5	146.4	4.7	0.1	1,297.6	356.1	3.3	0.1	1,255.9	116.0	5.1	25.9	1,264.8	152.0	1.9	0.1	11
12	1,265.6	155.5	4.7	0.1	1,298.2	361.5	2.8	0.1	1,241.4	87.9	8.1	32.4	1,265.6	155.5	1.9	0.1	12
13	1,267.5	164.1	4.4	0.1	1,298.8	366.9	2.8	0.1	1,241.6	68.4	3.9	3.6	1,266.4	159.1	1.8	0	13
14	1,269.2	171.8	4.0	0.1	1,299.4	372.4	2.9	0.1	1,241.0	66.7	3.7	4.6	1,267.2	162.7	1.8	0	14
15	1,271.0	180.3	4.4	0.1	1,299.9	377.1	2.5	0.1	1,240.2	64.4	3.9	5.1	1,267.9	165.8	1.7	0	15
16	1,272.6	188.0	4.0	0.1	1,300.4	381.8	2.4	0.1	1,239.3	61.8	4.9	6.2	1,268.7	169.5	1.8	0	16
17	1,274.3	196.4	4.3	0.1	1,300.9	386.6	2.5	0.1	1,238.5	59.6	5.1	6.2	1,269.3	172.3	1.6	0	17
18	1,275.8	204.1	4.0	0.1	1,301.4	391.4	2.6	0.1	1,237.6	57.1	5.0	6.2	1,270.1	176.1	1.9	0	18
19	1,277.2	211.5	3.8	0.1	1,298.5	364.2	5.4	19.1	1,238.6	59.9	4.2	2.8	1,271.0	180.3	2.1	0	19
20	1,278.6	219.2	4.0	0.1	1,293.4	320.5	8.6	30.7	1,240.5	65.2	2.7	0.1	1,271.9	184.6	2.3	0	20
21	1,280.0	227.1	4.1	0.1	1,287.7	277.2	9.9	30.7	1,242.0	69.6	2.4	0.1	1,272.7	188.5	1.9	0	21
22	1,281.2	234.2	3.7	0.1	1,281.5	236.0	9.2	30.0	1,243.6	74.4	2.5	0.1	1,273.3	191.5	1.5	0	22
23	1,282.4	241.6	3.8	0.1	1,273.8	193.9	8.0	29.2	1,245.1	79.0	2.4	0.1	1,274.0	194.9	1.9	0	23
24	1,283.6	249.2	3.9	0.1	1,265.4	154.7	8.7	28.5	1,246.4	83.1	2.1	0	1,274.7	198.5	1.8	0	24
25	1,284.7	256.5	3.8	0.1	1,256.4	117.9	9.2	27.7	1,247.7	87.3	2.1	0	1,275.3	201.5	1.5	0	25
26	1,285.8	263.9	3.8	0.1	1,246.3	82.8	9.3	27.0	1,248.9	91.3	2.0	0	1,276.0	205.1	1.9	0	26
27	1,286.9	271.5	4.0	0.1	1,244.3	76.5	6.3	9.5	1,250.0	95.0	1.9	0	1,276.6	208.3	1.6	0	27
28	1,287.8	278.0	3.3	0.1	1,246.6	83.7	3.7	0.1	1,251.2	99.2	2.1	0	1,277.2	211.5	1.7	0	28
29	1,288.7	284.5	3.4	0.1	1,248.7	90.6	3.6	0.1	1,252.3	103.0	1.9	0	1,277.9	215.3	1.9	0	29
30	1,289.6	291.1	3.5	0.1	1,250.7	97.4	3.4	0	1,253.4	106.9	2.0	0	1,278.6	219.2	2.1	0	30
31					1,252.5	103.8	3.3	0	1,254.5	110.9	2.0	0					31
TOTAL			146.4	152.1			140.0	234.4			98.6	95.0			55.8	1.2	
Inf. Ac. Ft.			290.4				277.7				195.6				110.7	13,101.8	
Outf. Ac. Ft.			301.7				464.9				188.4				2.4	12,933.4	
MAXIMUM Mean Daily Inflow			11.6				9.3				8.1				2.4	600.4	
Minimum Mean Daily Inflow			3.4				2.2				1.9				1.5	0.4	
Storage Change		− 11.4				− 187.3				+ 7.1				+ 108.3		+ 93.0 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,319.8	feet	on	12/29/65	Storage	602.2	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,229.0	feet	on	5/1-2/66	Storage	0	Acre Feet	D. RAINES	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	1,915.	C. F. S. from	3:45 P.M.	on 12/29/65	to	4:00 P.M.	on 12/29/65	R. V. WOOD	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	1,223.	C. F. S. from	7:45 P.M.	on 12/29/65	to	8:00 P.M.	on 12/29/65		Hydrographer	Inf. & Outf. comp.	JAS	RAP

REMARKS (1) 75.4 ACRE-FEET LOSS DUE TO SEDIMENTATION.

760138N-66B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SANTA ANITA Dam

In Santa Anita Canyon for the Year Ending September 30, 1967

~~On~~

Drainage Area 10.8 Square Miles. Capacity of Reservoir 552.3 Ac. Ft. at Spillway Elev. 1,316.0 Ft. as of September 1966

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	1,279.3	223.1	2.0	+	1,263.5	146.4	1.5	+	1,259.8	131.1	2.8	+	1,280.1	227.7	14.8	18.4	1
2	1,279.9	226.5	1.7	|	1,264.2	149.4	1.5	|	1,262.0	140.1	4.6	0.1	1,279.9	226.5	13.2	13.8	2
3	1,280.6	230.6	2.0	|	1,265.0	152.9	1.7	|	1,309.5	475.4	187.2	18.1	1,278.7	219.7	12.5	15.9	3
4	1,281.2	234.2	1.9	|	1,265.7	156.0	1.6	+	1,309.0	469.9	31.6	34.4	1,275.9	204.6	11.6	19.2	4
5	1,281.9	238.5	2.1	|	1,266.4	159.1	1.7	0.1	1,317.3	569.0	139.5	89.6	1,273.0	190.0	11.4	18.8	5
6	1,282.5	242.2	1.9	|	1,267.2	162.7	1.9	0.1	1,318.1	579.4	644.8	639.5	1,270.1	176.1	14.6	21.6	6
7	1,283.1	246.0	1.9	|	1,277.4	212.6	25.8	0.7	1,316.9	563.8	293.6	301.5	1,267.5	164.1	14.2	20.2	7
8	1,283.7	249.9	2.0	|	1,275.7	203.6	11.4	15.9	1,303.4	411.1	105.7	192.7	1,264.8	152.0	13.5	19.6	8
9	1,284.3	253.8	1.9	+	1,266.0	157.3	11.1	34.4	1,280.6	230.6	66.3	157.3	1,265.5	155.1	13.4	11.9	9
10	1,284.7	256.5	1.5	0.1	1,260.3	133.1	8.9	21.1	1,273.9	194.4	44.7	62.9	1,269.7	174.2	22.7	13.1	10
11	1,285.3	260.5	2.1	0.1	1,262.2	140.9	4.0	0.1	1,256.4	117.9	37.9	76.5	1,273.4	192.0	9.1	0.1	11
12	1,285.9	264.6	2.2	0.1	1,264.0	148.5	3.9	0.1	1,256.3	117.5	38.4	38.6	1,277.0	210.4	9.3	0.0	12
13	1,286.4	268.1	1.9	0.1	1,265.6	155.5	3.7	0.1	1,265.7	156.0	31.4	12.0	1,278.5	218.6	10.1	6.0	13
14	1,286.9	271.5	1.8	0.1	1,267.0	161.8	3.2	0.1	1,270.4	177.5	27.5	16.6	1,278.9	220.8	12.3	11.2	14
15	1,287.5	275.8	2.2	0.1	1,268.4	168.1	3.2	+	1,273.8	193.9	25.4	17.2	1,279.6	224.8	13.3	11.2	15
16	1,287.9	278.7	1.6	0.1	1,269.6	173.7	2.8	|	1,275.4	202.0	24.1	20.0	1,279.4	223.7	12.7	13.3	16
17	1,283.8	250.5	3.3	17.5	1,270.9	179.8	3.1	|	1,274.8	199.0	20.7	22.2	1,279.3	223.1	12.2	12.5	17
18	1,276.0	205.1	7.1	30.0	1,272.1	185.6	2.9	|	1,273.9	194.4	20.6	22.9	1,279.0	221.4	13.3	14.2	18
19	1,267.0	161.8	8.2	30.0	1,273.2	191.0	2.7	|	1,273.3	191.5	19.9	21.4	1,278.8	220.3	13.7	14.2	19
20	1,257.2	121.0	8.6	29.2	1,274.3	196.4	2.8	+	1,271.9	184.6	18.1	21.6	1,278.6	219.2	13.6	14.2	20
21	1,251.6	100.6	6.9	17.2	1,266.7	160.4	4.5	22.7	1,270.7	178.9	18.1	20.9	1,278.4	218.0	13.6	14.2	21
22	1,253.3	106.6	3.1	0.1	1,253.1	105.9	9.3	36.8	1,269.5	173.2	17.3	20.2	1,283.4	248.0	54.2	39.0	22
23	1,254.8	112.0	2.9	0.1	1,246.7	84.0	6.8	17.8	1,273.1	190.5	16.3	7.6	1,283.7	249.9	47.9	47.0	23
24	1,255.9	116.0	2.1	0.1	1,248.8	90.9	3.6	0.1	1,278.3	217.5	13.6	+	1,308.8	467.7	138.8	29.0	24
25	1,257.2	121.0	2.6	0.1	1,250.6	97.1	3.2	0.1	1,282.9	244.8	13.8	|	1,314.4	532.5	102.7	70.0	25
26	1,258.2	124.8	1.9	+	1,252.3	103.0	3.0	+	1,286.7	270.1	12.8	|	1,311.9	502.6	63.9	79.0	26
27	1,259.2	128.7	2.0	|	1,253.9	108.7	2.9	|	1,290.0	294.1	12.1	+	1,307.5	453.6	53.3	78.0	27
28	1,260.2	132.7	2.0	|	1,255.4	114.2	2.7	|	1,289.5	290.4	14.7	e 16.6	1,301.6	393.3	47.6	78.0	28
29	1,261.2	136.7	2.0	|	1,256.9	119.8	2.9	|	1,286.6	269.4	15.8	26.4	1,294.6	330.4	46.3	78.0	29
30	1,262.0	140.1	1.7	|	1,258.4	125.6	2.9	+	1,283.8	250.5	16.5	26.0	1,287.8	278.0	42.6	69.0	30
31	1,262.8	143.5	1.7	+					1,281.3	234.8	e 15.5	e 23.4	1,280.1	227.7	36.6	62.0	31
TOTAL			86.8	125.0			141.2	150.2			1,951.3	1,896.2			909.0	912.6	
Inf. Ac. Ft.			172.2				280.1				3,870.3				1,803.0	6,125.6	
Outf. Ac. Ft.			247.9				297.9				3,761.1				1,810.1	6,117.0	
MAXIMUM Mean Daily Inflow			8.6				25.8				644.8				138.8	644.8	
Minimum Mean Daily Inflow			1.5				1.5				2.8				9.1	1.5	
Storage Change		− 75.7				− 17.9				+ 109.2				− 7.1		+ 8.5	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,319.5	feet	on	12/6/66	Storage	598.1	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,180.0±	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	D. RAINES	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	1,515.	C. F. S. from	5:00 P.M.	on 12/6/66	to	5:15 P.M.	on 12/6/66	R. V. WOOD	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	1,270.	C. F. S. from	5:36 P.M.	on 12/6/66	to	6:30 P.M.	on 12/6/66		Hydrographer	Inf. & Outf. comp.		RAP

REMARKS + = 0.05 CFS OR LESS.

760136N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SANTA ANITA Dam

In Santa Anita Canyon
On

for the Year Ending September 30, 19 67

Drainage Area 10.8 Square Miles. Capacity of Reservoir 635.0 552.3 Ac. Ft. at Spillway Elev. 1,316.0 Ft. as of June September 1967 19 66

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read Daily

Day	FEBRUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MARCH Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	APRIL Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MAY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	1,275.9	204.6	36.4	48.0	1,283.6	249.2	17.4	14.2	1,285.2	259.9	29.6	14.0	1,284.8	257.2	44.8	51.3	1
2	1,278.5	218.6	33.3	26.3	1,284.7	256.5	17.9	14.2	1,289.1	287.4	28.1	14.2	1,282.5	242.2	43.2	50.8	2
3	1,280.2	223.3	32.6	27.7	1,285.7	263.3	17.0	13.6	1,292.1	310.2	25.9	14.4	1,279.9	226.5	42.2	50.1	3
4	1,280.9	232.4	29.8	27.7	1,287.4	275.1	16.1	10.2	1,295.4	337.1	28.3	14.7	1,277.0	210.4	41.1	49.2	4
5	1,281.4	235.4	30.7	29.2	1,288.1	280.1	16.2	13.6	1,298.1	360.6	26.7	14.9	1,273.2	191.0	38.3	48.1	5
6	1,281.9	238.5	30.7	29.2	1,288.8	285.2	16.1	13.6	1,300.3	380.8	21.8	15.0	1,270.1	176.1	33.5	47.0	6
7	1,282.9	244.8	29.5	26.3	1,289.2	288.2	16.5	15.0	1,296.2	343.9	21.8	43.4	1,266.1	157.8	36.7	45.9	7
8	1,283.6	249.2	28.5	26.3	1,289.2	288.2	17.2	17.2	1,273.5	192.4	21.8	87.8	1,261.9	139.7	35.9	45.0	8
9	1,284.0	251.8	27.7	26.3	1,289.3	288.9	17.6	17.2	1,250.8	97.8	21.7	67.7	1,265.2	153.8	35.7	28.6	9
10	1,284.2	253.1	26.9	26.3	1,289.5	290.4	17.9	17.2	1,241.9	69.3	21.7	41.8	1,276.2	206.2	34.4	8.0	10
11	1,284.2	253.1	26.3	26.3	1,290.3	296.4	20.3	17.2	1,268.6	169.1	51.9	1.5	1,280.0	227.1	34.7	24.2	11
12	1,284.0	251.8	25.7	26.3	1,301.0	387.5	64.3	18.4	1,276.3	206.7	32.7	13.8	1,279.3	223.1	35.5	37.5	12
13	1,283.7	249.9	25.3	26.3	1,310.8	490.0	122.7	71.0	1,278.6	219.2	34.3	28.0	1,276.4	207.2	32.8	40.8	13
14	1,283.2	246.7	24.7	26.3	1,306.5	443.0	87.3	111.0	1,280.7	231.2	34.4	28.3	1,273.1	190.5	31.6	40.0	14
15	1,282.5	242.2	24.7	27.0	1,299.0	359.7	66.0	108.0	1,282.4	241.6	33.8	28.6	1,266.3	158.6	29.0	45.1	15
16	1,281.7	237.3	24.5	27.0	1,296.8	270.3	55.2	100.0	1,283.8	250.5	33.5	29.0	1,197.5	+	27.0	107.0	16
17	1,280.9	232.4	24.6	27.0	1,294.3	253.8	47.4	56.0	1,285.1	259.2	33.7	29.3	1,192.5	0.0	26.0	26.0	17
18	1,280.2	228.3	24.9	27.0	1,286.7	270.1	42.6	34.4	1,291.1	302.5	49.5	27.7	1,190.0	0.0	26.0	26.0	18
19	1,279.2	222.5	24.1	27.0	1,288.2	280.9	39.9	34.4	1,293.8	323.8	44.4	33.7	1,187.5	0.0	25.0	25.0	19
20	1,278.2	216.9	24.2	27.0	1,289.0	286.7	37.3	34.4	1,292.4	312.6	40.5	46.1	1,180.0	0.0	24.0	24.0	20
21	1,276.9	209.9	23.4	27.0	1,289.3	288.9	35.5	34.4	1,293.6	322.2	50.9	46.1	1,180.0	0.0	23.0	23.0	21
22	1,275.8	204.1	23.4	26.3	1,289.1	287.4	33.6	34.4	1,292.8	315.7	75.9	79.1	1,180.0	0.0	22.0	22.0	22
23	1,275.2	201.0	22.4	24.0	1,288.7	284.5	33.0	34.4	1,287.0	272.2	56.8	78.8	1,180.0	0.0	21.0	21.0	23
24	1,275.9	204.6	21.2	19.3	1,288.1	280.1	33.0	35.2	1,285.2	259.9	53.2	64.4	1,180.0	0.0	21.0	21.0	24
25	1,278.1	216.4	20.7	14.8	1,287.2	273.6	32.7	36.0	1,287.0	272.2	57.7	51.5	1,180.0	0.0	21.0	21.0	25
26	1,280.0	227.1	19.6	14.2	1,286.0	265.3	32.6	36.8	1,288.0	279.4	55.6	51.9	1,180.0	0.0	21.0	21.0	26
27	1,281.3	234.8	18.1	14.2	1,284.7	256.5	33.2	37.6	1,288.4	282.3	53.5	52.1	1,180.0	0.0	21.0	21.0	27
28	1,282.6	242.9	18.3	14.2	1,283.0	245.4	35.4	41.0	1,288.7	284.5	53.3	52.2	1,180.0	0.0	21.0	21.0	28
29					1,280.8	231.8	37.9	44.8	1,288.0	279.4	49.6	52.1	1,212.5(1)	18.7	21.4	12.0	29
30					1,278.1	216.4	37.0	44.8	1,286.7	270.1	47.1	51.8	1,231.2	63.8	22.8	+	30
31					1,280.3	228.9	41.3	35.0					1,245.2	120.4	28.5	+	31
TOTAL			722.2	714.5			1,138.1	1,145.2			1,194.7	1,173.9			927.1	1,002.6	
Inf. Ac. Ft.			1,432.5				2,257.4				2,369.7				1,838.9	14,024.1	
Outf. Ac. Ft.			1,417.2				2,271.5				2,328.4				1,988.6	14,122.7	
MAXIMUM Mean Daily Inflow			36.4				122.7				75.9				44.8	644.8	
Minimum Mean Daily Inflow			18.1				16.1				21.7				21.0	1.5	
Storage Change		+ 15.2				- 14.0				+ 41.2				- 149.7		- 98.8 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,319.5	feet	on	12/6/66	Storage	598.1	Acre Feet			
Min. W. S. Elev.	1,180.0±	feet	on	VARIOUS DAYS	Storage	0	Acre Feet			
Max. Peak Inf.	1,515.	C. F. S. from	5:00 P.M.	on	12/6/66	to	5:15 P.M.	on	12/6/66	
Max. Peak Outf.	1,270.	C. F. S. from	5:36 P.M.	on	12/6/66	to	6:30 P.M.	on	12/6/66	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
D. RAINES	Dam Tender	Gage Hts. copied	JAS	RAP
R. V. WOOD	Hydrographer	Storage applied	JAS	RAP
	Hydrographer	Inf. & Outf. comp.	JAS	FM RAP

REMARKS + = 0.05 CFS OR LESS.
(INDICATES AVERAGE FOR PERIOD.
(1) 9.6 ACRE-FEET GAIN DUE TO EXCAVATION, CHANGE TO TABLE XVI 8 5/29/67.

760136N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SANTA ANITA Dam

In Santa Anita Canyon
On

for the Year Ending September 30, 19 67

Drainage Area 10.8 Square Miles. Capacity of Reservoir 635.0 Ac. Ft. at Spillway Elev. 1,316.0 Ft. as of June 19 67

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read Daily

Day	JUNE Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	JULY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	AUGUST Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	SEPTEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	1,255.6	165.7	22.8	+	1,314.8	620.6	11.9	8.9	1,316.7	643.4	7.2	7.2	1,313.9	609.9	5.3	5.9	1
2	1,264.5	205.8	20.3	+	1,315.3	625.6	12.0	9.0	1,316.7	643.4	7.1	7.1	1,313.8	608.8	5.6	6.2	2
3	1,272.0	242.2	18.3	+	1,315.7	631.4	11.5	9.1	1,316.7	643.4	7.1	7.1	1,313.8	608.8	6.2	6.2	3
4	1,278.2	276.6	17.4	+	1,316.2	637.4	13.2	10.2	1,316.6	642.2	6.4	7.0	1,313.8	608.8	6.2	6.2	4
5	1,283.7	312.6	18.1	+	1,316.2	637.4	11.3	11.3	1,316.6	642.2	7.0	7.0	1,313.8	608.8	6.2	6.2	5
6	1,288.6	351.0	19.5	0.1	1,316.2	637.4	11.3	11.3	1,316.6	642.2	7.0	7.0	1,313.8	608.8	4.8	4.8	6
7	1,290.9	370.7	17.6	7.7	1,316.2	637.4	11.3	11.3	1,316.6	642.2	6.9	6.9	1,313.8	608.8	5.1	5.1	7
8	1,292.5	384.8	19.6	11.5	1,316.2	637.4	11.3	11.3	1,316.6	642.2	6.9	6.9	1,313.9	609.9	5.7	5.1	8
9	1,294.0	398.0	18.2	11.5	1,316.2	637.4	11.3	11.3	1,316.2	637.4	4.3	6.7	1,313.9	609.9	5.1	5.1	9
10	1,295.4	410.6	17.8	11.5	1,316.2	637.4	11.3	11.3	1,316.0	635.0	4.9	6.1	1,313.9	609.9	5.1	5.1	10
11	1,296.6	421.5	17.0	11.5	1,316.3	638.6	11.7	11.0	1,315.7	631.4	3.6	5.4	1,314.0	611.1	5.7	5.1	11
12	1,297.8	432.7	17.2	11.5	1,316.5	641.0	12.2	11.0	1,315.4	627.8	3.5	5.4	1,314.0	611.1	5.1	5.1	12
13	1,299.0	444.2	17.2	11.5	1,316.7	643.4	10.0	8.8	1,315.2	625.4	4.2	5.4	1,314.0	611.1	5.0	5.0	13
14	1,300.0	454.0	16.5	11.5	1,316.8	644.6	9.7	9.1	1,314.9	621.8	3.1	4.9	1,313.2	601.7	6.2	10.9	14
15	1,301.6	471.6	19.1	9.2	1,316.8	644.6	9.1	9.1	1,314.8	620.6	4.3	4.9	1,311.4	580.9	5.6	16.1	15
16	1,303.1	488.1	16.1	7.8	1,316.8	644.6	8.9	8.9	1,314.8	620.6	5.9	5.9	1,309.8	562.8	6.9	16.1	16
17	1,304.4	502.4	15.4	8.2	1,316.8	644.6	8.8	8.8	1,314.9	621.8	6.5	5.9	1,308.3	546.0	7.7	16.1	17
18	1,305.6	515.7	14.9	8.2	1,316.8	644.6	8.8	8.8	1,315.0	623.0	5.8	5.2	1,306.6	526.9	8.2	17.9	18
19	1,306.7	528.0	14.4	8.2	1,316.8	644.6	8.7	8.7	1,314.9	621.8	5.7	6.3	1,303.8	495.8	4.4	20.0	19
20	1,307.6	538.1	13.3	8.2	1,316.8	644.6	8.6	8.6	1,315.0	623.0	6.9	6.3	1,300.6	460.6	4.2	22.0	20
21	1,308.4	547.1	12.7	8.2	1,316.8	644.6	8.5	8.5	1,314.9	621.8	5.7	6.3	1,297.3	428.0	7.6	24.0	21
22	1,309.2	556.0	12.7	8.2	1,316.8	644.6	8.4	8.4	1,314.9	621.8	6.3	6.3	1,293.7	395.4	7.6	24.0	22
23	1,310.1	566.1	13.3	8.2	1,316.7	643.4	8.2	8.2	1,315.0	623.0	5.2	4.6	1,290.3	365.6	8.9	24.0	23
24	1,310.7	572.9	11.7	8.3	1,316.8	644.6	8.1	8.1	1,315.2	625.4	5.2	4.0	1,286.5	333.8	8.0	24.0	24
25	1,311.4	580.9	12.5	8.4	1,316.7	643.4	7.2	7.8	1,315.1	624.2	5.3	5.9	1,282.2	302.4	5.2	21.0	25
26	1,311.9	586.6	11.3	8.5	1,316.7	643.4	7.6	7.6	1,314.9	621.8	5.8	7.0	1,277.6	273.0	4.6	19.5	26
27	1,312.5	593.6	12.1	8.5	1,316.7	643.4	7.3	7.3	1,314.7	619.4	5.6	6.8	1,272.2	243.2	5.0	20.0	27
28	1,313.1	600.6	12.1	8.6	1,316.7	643.4	7.3	7.3	1,314.5	617.0	5.4	6.6	1,265.5	210.3	5.4	22.0	28
29	1,313.7	607.6	12.2	8.7	1,316.7	643.4	7.2	7.2	1,314.5	614.7	5.2	6.4	1,261.8	193.6	5.2	13.6	29
30	1,314.3	614.7	12.4	8.8	1,316.7	643.4	7.2	7.2	1,314.1	612.3	5.0	6.2	1,263.9	203.0	4.8	0.1	30
31					1,316.7	643.4	7.1	7.1	1,314.0	611.1	5.4	6.0					31
TOTAL			471.7	222.5			297.0	282.5			174.4	190.7			176.6	382.4	
Inf. Ac. Ft.			935.6				589.1				345.9				350.3	16,245.0	
Outf. Ac. Ft.			441.3				560.3				378.2				758.5	16,261.0	
MAXIMUM Mean Daily Inflow			22.8				13.2				7.2				8.9	644.8	
Minimum Mean Daily Inflow			11.3				7.1				3.1				4.2	1.5	
Storage Change		+ 494.3				+ 28.7				- 32.3				- 408.1		- 16.2 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,319.5	feet	on	12/6/66	Storage	598.1	Acre Feet			
Min. W. S. Elev.	1,180.0±	feet	on	VARIOUS DAYS	Storage	0	Acre Feet			
Max. Peak Inf.	1,515.	C. F. S. from	5:00 P.M.	on	12/6/66	to	5:15 P.M.	on	12/6/66	
Max. Peak Outf.	1,270.	C. F. S. from	5:36 P.M.	on	12/6/66	to	6:30 P.M.	on	12/6/66	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
D. RAINES	Dam Tender	Gage Hts. copied	JAS	RAP
R. V. WOOD	Hydrographer	Storage applied	JAS	RAP
	Hydrographer	Inf. & Outf. comp.		FM RAP

REMARKS + = 0.05 CFS OR LESS.
INDICATES AVERAGE FOR PERIOD.
(1) 9.1 ACRE-FEET GAIN DUE TO EXCAVATION.

760130N-689 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAWPIT Dam

In Sawpit Canyon for the Year Ending September 30, 1966

Drainage Area 3.34 Square Miles. Capacity of Reservoir 284.3 / 308.5 Ac. Ft. at Spillway Elev. 1,360.0 Ft. as of July / August 1966 / 1964

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER				NOVEMBER				DECEMBER				JANUARY				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.3	59.0	5.0	5.0	1310.7	42.5	10.5	24.0	1
2	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.3	59.0	5.0	5.0	1310.7	42.5	11.8	11.8	2
3	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.3	59.0	5.0	5.0	1310.6	42.3	10.9	11.0	3
4	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.3	59.0	5.0	5.0	1310.6	42.3	10.2	10.2	4
5	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.2	58.8	3.5	3.6	1310.6	42.3	9.9	9.9	5
6	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.2	58.8	3.6	3.6	1310.5	42.2	9.6	9.6	6
7	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.2	58.8	3.6	3.6	1310.4	42.0	9.0	9.1	7
8	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.2	58.8	3.6	3.6	1310.4	42.0	8.6	8.6	8
9	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.4	59.3	4.5	4.2	1310.4	42.0	8.5	8.5	9
10	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.2	58.8	4.3	4.6	1310.4	42.0	8.2	8.2	10
11	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.2	58.8	3.6	3.6	1310.4	42.0	8.0	8.0	11
12	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.2	58.8	4.3	4.3	1310.4	42.0	7.6	7.6	12
13	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.2	58.8	3.6	3.6	1310.4	42.0	7.3	7.3	13
14	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.2	58.8	3.6	3.6	1310.4	42.0	7.1	7.1	14
15	1309.9	58.1	0	0	1309.9	58.1	0.2	0.2	1310.2	58.8	3.6	3.6	1310.4	42.0	6.8	6.8	15
16	1309.9	58.1	0	0	1310.2	58.8	1.7	1.3	1310.2	58.8	3.6	3.6	1310.4	42.0	6.4	6.4	16
17	1309.9	58.1	0	0	1316.7	75.9	33.1	24.5	1310.2	58.8	3.6	3.6	1310.4	42.0	6.0	6.0	17
18	1309.9	58.1	0	0	1310.4	59.3	11.8	20.2	1310.2	58.8	3.6	3.6	1310.4	42.0	5.9	5.9	18
19	1309.9	58.1	0	0	1310.2	58.8	4.8	5.0	1310.2	58.8	3.6	3.6	1310.2	41.6	5.8	6.0	19
20	1309.9	58.1	0	0	1310.2	58.8	3.6	3.6	1310.2	58.8	3.6	3.6	1310.2	41.6	5.4	5.4	20
21	1309.9	58.1	0	0	1310.2	58.8	3.6	3.6	1310.2	58.8	3.6	3.6	1310.2	41.6	5.4	5.4	21
22	1309.9	58.1	0	0	1335.8	147.0	64.0	19.6	1310.2	58.8	3.6	3.6	1310.2	41.6	5.2	5.2	22
23	1309.9	58.1	0	0	1336.9	152.1	49.5	46.9	1310.2	58.8	3.6	3.6	1310.2	41.6	5.1	5.1	23
24	1309.9	58.1	0	0	1333.3	135.7	37.8	46.1	1310.2	58.8	3.6	3.6	1310.2	41.6	5.1	5.1	24
25	1309.9	58.1	0	0	1324.8	102.3	27.8	44.6	1310.2	58.8	3.6	3.6	1310.2	41.6	4.9	4.9	25
26	1309.9	58.1	0	0	1310.8	60.2	11.3	32.5	1310.2	58.8	3.6	3.6	1310.2	41.6	4.8	4.8	26
27	1309.9	58.1	0	0	1310.8	60.2	13.2	13.2	1310.2	58.8	3.6	3.6	1310.2	41.6	4.6	4.6	27
28	1309.9	58.1	0	0	1310.5	59.5	9.3	9.7	1310.2	58.8	3.6	3.6	1310.2	41.6	4.3	4.3	28
29	1309.9	58.1	0	0	1310.4	59.3	6.2	6.3	1342.3	156.7(1)	87.2	26.1	1310.2	41.6	4.1	4.1	29
30	1309.9	58.1	0	0	1310.3	59.0	4.9	5.0	1335.0	119.9	28.4	47.0	1310.3	41.8	5.7	5.6	30
31	1309.9	58.1	0	0					1321.4	69.2	18.7	44.2	1310.2	41.6	4.2	4.3	31
TOTAL			0	0			285.6	285.1			242.9	226.0			216.9	230.8	
Inf. Ac. Ft.			0				566.5				481.8				430.2	1,478.5	
Outf. Ac. Ft.			0				565.5				448.3				457.8	1,471.6	
Maximum Mean Daily Inflow			0				64.0				87.2				11.8	87.2	
Minimum Mean Daily Inflow			0				0.2				3.5				4.1	0	
Storage Change	0		0			+ 0.9				+ 10.2				- 27.6		- 16.5 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,342.3	feet	on	12/30/65	Storage	179.9	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,309.9	feet	on	VARIOUS DAYS	Storage	41.0	Acre Feet	J. T. MC GOWAN	Dam Tender	Gage Hts. copied	FM	RAP
Max. Peak Inf.	423.	C. F. S. from	4:00 P.M.	on	12/29/65	to	5:00 P.M.	on	12/29/65	R. V. WOOD	Hydrographer	Storage applied	FM	RAP
Max. Peak Outf.	47.3	C. F. S. from	VARIOUS DAYS	on		to		on			Hydrographer	Inf. & Outf. comp.	FM	RAP

REMARKS NOVEMBER AND DECEMBER OUTFLOW BASED ON UNCONTROLLED OUTLET. JANUARY USED OUTFLOW STATION F278-R.

(1) 23.2 ACRE-FEET LOSS DUE TO SILTATION. CHANGE TO STORAGE TABLE XII 12/29/65.

760130N-660 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAWPIT Dam

In Sawpit Canyon for the Year Ending September 30, 1966

Drainage Area 3.34 Square Miles. Capacity of Reservoir 284.3 Ac. Ft. at Spillway Elev. 1,360.0 Ft. as of July 6, 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	1310.2	41.6	4.3	4.3	1310.1	41.4	3.1	3.1	1310.1	41.4	2.4	2.3	1310.0	41.2	1.0	1.0	1
2	1310.2	41.6	4.2	4.2	1310.1	41.4	3.0	3.0	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	2
3	1310.2	41.6	4.0	4.0	1310.1	41.4	2.9	2.9	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	3
4	1310.2	41.6	3.9	3.9	1310.1	41.4	2.8	2.8	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	4
5	1310.2	41.6	3.9	3.9	1310.1	41.4	2.9	2.9	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	5
6	1310.3	41.8	7.8	7.7	1310.1	41.4	3.0	3.0	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	6
7	1310.3	41.8	7.7	7.7	1310.1	41.4	3.0	3.0	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	7
8	1310.2	41.6	6.0	6.1	1310.1	41.4	3.1	3.1	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	8
9	1310.2	41.6	5.5	5.5	1310.1	41.4	3.0	3.0	1310.1	41.4	2.3	2.3	1310.1	41.4	2.4	2.3	9
10	1310.2	41.6	5.2	5.2	1310.1	41.4	3.1	3.1	1310.1	41.4	2.3	2.3	1310.0	41.2	0.9	1.0	10
11	1310.2	41.6	4.7	4.7	1310.1	41.4	2.9	2.9	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	11
12	1310.2	41.6	4.4	4.4	1310.1	41.4	2.9	2.9	1310.0	41.2	0.9	1.0	1310.0	41.2	1.0	1.0	12
13	1310.2	41.6	4.1	4.1	1310.1	41.4	2.7	2.7	1310.0	41.2	1.0	1.0	1310.0	41.2	1.0	1.0	13
14	1310.2	41.6	3.8	3.8	1310.1	41.4	2.6	2.6	1310.0	41.2	1.0	1.0	1310.0	41.2	1.0	1.0	14
15	1310.2	41.6	3.6	3.6	1310.1	41.4	2.5	2.5	1310.0	41.2	1.0	1.0	1310.0	41.2	1.0	1.0	15
16	1310.2	41.6	3.5	3.5	1310.1	41.4	2.4	2.4	1310.0	41.2	1.0	1.0	1310.0	41.2	1.0	1.0	16
17	1310.2	41.6	3.4	3.4	1310.1	41.4	2.4	2.4	1310.0	41.2	1.0	1.0	1310.0	41.2	1.0	1.0	17
18	1310.2	41.6	3.3	3.3	1310.1	41.4	2.4	2.4	1310.0	41.2	1.0	1.0	1310.0	41.2	1.0	1.0	18
19	1310.2	41.6	3.3	3.3	1310.1	41.4	2.4	2.4	1310.1	41.4	2.4	2.3	1310.0	41.2	1.0	1.0	19
20	1310.2	41.6	3.2	3.2	1310.1	41.4	2.4	2.4	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	20
21	1310.2	41.6	3.2	3.2	1310.1	41.4	2.4	2.4	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	21
22	1310.2	41.6	3.3	3.3	1310.1	41.4	2.4	2.4	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	22
23	1310.1	41.4	3.2	3.3	1310.1	41.4	2.4	2.4	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	23
24	1310.1	41.4	2.7	2.7	1310.1	41.4	2.5	2.5	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	24
25	1310.1	41.4	2.4	2.4	1310.1	41.4	2.6	2.6	1310.1	41.4	2.3	2.3	1310.0	41.2	1.0	1.0	25
26	1310.1	41.4	2.5	2.5	1310.1	41.4	2.4	2.4	1310.0	41.2	0.9	1.0	1310.0	41.2	1.0	1.0	26
27	1310.1	41.4	2.7	2.7	1310.1	41.4	2.0	2.0	1310.0	41.2	1.0	1.0	1310.0	41.2	1.0	1.0	27
28	1310.1	41.4	2.8	2.8	1310.1	41.4	1.9	1.9	1310.0	41.2	1.0	1.0	1310.0	41.2	1.0	1.0	28
29					1310.1	41.4	1.8	1.8	1310.0	41.2	1.0	1.0	1310.0	41.2	1.0	1.0	29
30					1310.0	41.2	1.8	1.9	1310.0	41.2	1.0	1.0	1310.0	41.2	1.0	1.0	30
31					1310.0	41.2	1.8	1.8					1310.0	41.2	1.0	1.0	31
TOTAL			112.6	112.7			79.5	79.6			53.4	53.4			32.3	32.3	
Inf. Ac. Ft.			223.3				157.7				105.9				64.1	2,029.5	
Outf. Ac. Ft.			223.5				157.9				105.9				64.1	2,023.0	
Maximum Mean Daily Inflow			7.8				3.1				2.4				2.4	87.2	
Minimum Mean Daily Inflow			2.4				1.8				0.9				0.9	0	
Storage Change	- 0.2					- 0.2					0				0	- 16.9 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,342.3	feet	on	12/30/65	Storage	179.9	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,309.9	feet	on	VARIOUS DAYS	Storage	41.0	Acre Feet	J. T. MC GOWAN	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	423.	C. F. S. from	4:00 P.M.	on	12/29/65	to	5:00 P.M.	on	12/29/65	R. V. WOOD	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	47.3	C. F. S. from	VARIOUS DAYS	on		to		on			Hydrographer	Inf. & Outf. comp.	JAS	RAP

REMARKS (1) 23.2 ACRE-FEET LOSS DUE TO SEDIMENTATION.

76D138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAWPIT Dam

In Sawpit Canyon for the Year Ending September 30, 1966

~~Or~~

Drainage Area 3.34 Square Miles. Capacity of Reservoir 284.3 Ac. Ft. at Spillway Elev. 1,360.0 Ft. as of July 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C. F. S. Inflow	JUNE C. F. S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C. F. S. Inflow	JULY C. F. S. Outflow	August Gage Height	August Acre Ft. Storage	August C. F. S. Inflow	August C. F. S. Outflow	September Gage Height	September Acre Ft. Storage	September C. F. S. Inflow	September C. F. S. Outflow	Day
1	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1
2	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	2
3	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	3
4	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	4
5	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	5
6	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	6
7	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0.1	7
8	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	8
9	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	9
10	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	10
11	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	11
12	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	12
13	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	13
14	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	14
15	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	15
16	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	16
17	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	17
18	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	18
19	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	19
20	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	20
21	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	21
22	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	22
23	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	23
24	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	24
25	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	25
26	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	26
27	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	27
28	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	28
29	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	29
30	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0	1,309.9	41.0	0	0	30
31					1,310.0	41.2	1.0	1.0	1,310.0	41.2	1.0	1.0					31
TOTAL			30.0	30.0			31.0	31.0			31.0	31.0			6.0	6.1	
Inf. Ac. Ft.			59.5				61.5				61.5				11.9	2,223.9	
Outf. Ac. Ft.			59.5				61.5				61.5				12.1	2,217.6	
Maximum Mean Daily Inflow			1.0				1.0				1.0				1.0	87.2	
Minimum Mean Daily Inflow			1.0				1.0				1.0				0	0	
Storage Change	0				0				0				-0.2			− 17.1 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,342.3	feet on	12/30/65	Storage	179.9	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,309.9	feet on	VARIOUS DAYS	Storage	41.0	Acre Feet	J. T. MC GOWAN	Dam Tender	Gage Hts. copied	JAS RAP
Max. Peak Inf.	423.	C. F. S. from	4:00 P.M. on 12/29/65	to	5:00 P.M.	on 12/29/65	R. V. WOOD	Hydrographer	Storage applied	JAS RAP
Max. Peak Outf.	47.2	C. F. S. from	VARIOUS DAYS on	to		on		Hydrographer	Inf. & Outf. comp.	JAS RAP

REMARKS (1) 23.2 ACRE-FEET LOSS DUE TO SEDIMENTATION

76D138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAWPIT Dam

In Sawpit Canyon for the Year Ending September 30, 1967

~~Or~~

Drainage Area 3.34 Square Miles. Capacity of Reservoir 269.2 / 284.3 Ac. Ft. at Spillway Elev. 1,360.0 Ft. as of March 1967 / July 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C. F. S. Inflow	OCTOBER C. F. S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C. F. S. Inflow	NOVEMBER C. F. S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C. F. S. Inflow	DECEMBER C. F. S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY O. F. S. Inflow	JANUARY C. F. S. Outflow	Day
1	1,309.9	41.0	1.5	1.5	1,309.9	41.0	1.1	1.1	1,309.9	41.0	1.3	1.3	1,310.2	28.1	4.1	4.1	1
2	1,309.9	41.0	1.5	1.5	1,309.9	41.0	1.1	1.1	1,310.4	42.0	2.5	2.0	1,310.2	28.1	3.9	3.9	2
3	1,309.9	41.0	1.4	1.4	1,309.9	41.0	1.1	1.1	1,319.7	64.2	58.1	46.9	1,310.2	28.1	3.7	3.7	3
4	1,309.9	41.0	1.4	1.4	1,309.9	41.0	1.1	1.1	1,310.4	42.0	9.9	21.1	1,310.2	28.1	e 3.7	e 3.7	4
5	1,309.9	41.0	1.4	1.4	1,309.9	41.0	1.1	1.1	1,317.7	58.7	35.8	27.4	1,310.2	28.1	3.6	3.6	5
6	1,309.9	41.0	1.4	1.4	1,309.9	41.0	1.1	1.1	1,327.0	69.7 (1)	156.6	142	1,310.2	28.1	3.6	3.6	6
7	1,309.9	41.0	1.4	1.4	1,310.1	41.4	6.0	5.8	1,316.0	38.2	54.4	70.3	1,310.2	28.1	3.5	3.5	7
8	1,309.9	41.0	1.4	1.4	1,310.0	41.2	2.6	2.7	1,311.6	30.2	25.9	30.9	1,310.2	28.1	3.5	3.5	8
9	1,309.9	41.0	1.5	1.5	1,309.9	41.0	1.9	2.0	1,311.0	29.3	19.1	19.6	1,310.2	28.1	3.4	3.4	9
10	1,309.9	41.0	1.5	1.5	1,309.9	41.0	1.9	1.9	1,310.5	28.6	14.7	15.0	1,310.2	28.1	3.4	3.4	10
11	1,309.9	41.0	1.6	1.6	1,309.9	41.0	1.8	1.8	1,310.4	28.4	12.1	12.2	1,310.2	28.1	3.3	3.3	11
12	1,309.9	41.0	1.6	1.6	1,309.9	41.0	1.7	1.7	1,310.4	28.4	10.9	10.9	1,310.2	28.1	e 3.3	e 3.3	12
13	1,309.9	41.0	1.6	1.6	1,309.9	41.0	1.6	1.6	1,310.4	28.4	9.7	9.7	1,310.2	28.1	3.3	3.3	13
14	1,309.9	41.0	1.6	1.6	1,309.9	41.0	1.5	1.5	1,310.3	28.2	9.8	8.9	1,310.2	28.1	3.4	3.4	14
15	1,309.9	41.0	1.6	1.6	1,309.9	41.0	1.4	1.4	1,310.3	28.2	8.2	8.2	1,310.1	28.0	3.1	3.2	15
16	1,309.9	41.0	1.5	1.5	1,309.9	41.0	1.4	1.4	1,312.2	31.1	7.0	5.6	1,310.1	28.0	3.1	3.1	16
17	1,309.9	41.0	1.4	1.4	1,309.9	41.0	1.4	1.4	1,312.0	30.8	7.4	7.5	1,310.1	28.0	3.0	3.0	17
18	1,309.9	41.0	1.3	1.3	1,309.9	41.0	1.4	1.4	1,308.9	26.4	6.4	8.6	1,310.1	28.0	2.9	2.9	18
19	1,309.9	41.0	1.2	1.2	1,309.9	41.0	1.4	1.4	1,308.9	26.4	6.3	6.3	1,310.1	28.0	2.9	2.9	19
20	1,309.9	41.0	1.1	1.1	1,309.9	41.0	1.4	1.4	1,310.2	28.1	5.6	4.8	1,310.1	28.0	3.0	3.0	20
21	1,309.9	41.0	1.1	1.1	1,309.9	41.0	1.3	1.3	1,310.2	28.1	5.6	5.6	1,310.1	28.0	3.1	3.1	21
22	1,309.9	41.0	1.1	1.1	1,309.9	41.0	1.3	1.3	1,310.2	28.1	5.2	5.2	1,310.8	29.0	13.2	12.6	22
23	1,309.9	41.0	1.2	1.2	1,309.9	41.0	1.3	1.3	1,310.2	28.1	e 5.2	e 5.2	1,310.3	28.2	10.5	10.9	23
24	1,309.9	41.0	1.2	1.2	1,309.9	41.0	1.3	1.3	1,310.6	28.7	5.0	4.7	1,321.3	51.1	37.3	25.8	24
25	1,309.9	41.0	1.3	1.3	1,309.9	41.0	1.3	1.3	1,311.9	30.6	4.7	3.7	1,310.8	29.0	26.0	37.1	25
26	1,309.9	41.0	1.3	1.3	1,309.9	41.0	1.3	1.3	1,313.9	34.0	4.5	2.8	1,310.5	28.6	14.5	14.7	26
27	1,309.9	41.0	1.3	1.3	1,309.9	41.0	1.3	1.3	1,314.7	35.6	4.6	3.8	1,310.5	28.6	11.8	11.8	27
28	1,309.9	41.0	1.3	1.3	1,309.9	41.0	1.3	1.3	1,309.6	27.3	5.9	10.1	1,310.5	28.6	10.4	10.4	28
29	1,309.9	41.0	1.3	1.3	1,309.9	41.0	1.3	1.3	1,310.2	28.1	e 4.4	e 4.0	1,310.4	28.4	9.4	9.5	29
30	1,309.9	41.0	1.2	1.2	1,309.9	41.0	1.3	1.3	1,310.2	28.1	4.5	4.5	1,310.4	28.4	9.1	9.1	30
31	1,309.9	41.0	1.2	1.2					1,310.2	28.1	4.3	4.3	1,310.4	28.4	9.8	8.8	31
TOTAL			42.4	42.4			47.0	47.0			515.6	513.1			221.8	221.6	
Inf. Ac. Ft.			84.1				93.2				1,022.7				439.9	1,639.9	
Outf. Ac. Ft.			84.1				93.2				1,017.7				439.5	1,634.5	
Maximum Mean Daily Inflow			1.6				6.0				156.6				37.3	156.6	
Minimum Mean Daily Inflow			1.1				1.1				1.3				2.9	1.1	
Storage Change	0				0				− 12.9				+ 0.4			− 12.6 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,336.8	feet on	12/6/66	Storage	128.3	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,307.6	feet on	12/19/66	Storage	24.7	Acre Feet	J. MC GOWAN	Dam Tender	Gage Hts. copied	SEB RAP
Max. Peak Inf.	307.	C. F. S. from	5:00 P.M. on 12/6/66	to	6:00 P.M.	on 12/6/66	R. V. WOOD	Hydrographer	Storage applied	SEB RAP
Max. Peak Outf.	240.	C. F. S. from	11:45 A.M. on 12/6/66	to	12:30 P.M.	on 12/6/66		Hydrographer	Inf. & Outf. comp.	SEB RAP

REMARKS (1) 18.0 ACRE-FEET DUE TO SILTATION. CHANGE TO TABLE XIII 12/6/66.

760136N-689 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAWPIT Dam

In Sawpit Canyon for the Year Ending September 30, 1967

~~On~~

Drainage Area 3.34 Square Miles. Capacity of Reservoir 269.2 Ac. Ft. at Spillway Elev. 1,360.0 Ft. as of March 1967

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1310.3	28.2	8.3	8.4	1310.2	28.1	4.2	4.2	1310.4	28.4	5.1	4.9	1310.3	28.2	7.9	7.8	1
2	1310.3	28.2	8.0	8.0	1310.2	28.1	4.1	4.1	1310.2	28.1	4.8	5.0	1310.3	28.2	7.8	7.8	2
3	1310.3	28.2	7.6	7.6	1310.2	28.1	4.2	4.2	1310.2	28.1	5.2	5.2	1310.4	28.4	7.9	7.8	3
4	1310.3	28.2	7.4	7.4	1310.2	28.1	4.3	4.3	1310.2	28.1	5.3	5.3	1310.3	28.2	7.9	8.0	4
5	1310.3	28.2	7.1	7.1	1310.2	28.1	4.1	4.1	1310.2	28.1	5.4	5.4	1310.3	28.2	8.0	8.0	5
6	1310.3	28.2	7.0	7.0	1310.2	28.1	3.9	3.9	1310.2	28.1	5.5	5.5	1310.3	28.2	7.8	7.8	6
7	1310.3	28.2	6.9	6.9	1310.2	28.1	3.8	3.8	1310.2	28.1	5.6	5.6	1310.3	28.2	7.4	7.4	7
8	1310.3	28.2	6.8	6.8	1310.2	28.1	3.7	3.7	1310.2	28.1	5.2	5.2	1310.3	28.2	7.3	7.3	8
9	1310.3	28.2	6.5	6.5	1310.2	28.1	3.6	3.6	1310.2	28.1	4.9	4.9	1310.3	28.2	7.2	7.2	9
10	1310.3	28.2	6.5	6.5	1310.2	28.1	3.6	3.6	1310.2	28.1	4.8	4.8	1310.3	28.2	7.4	7.4	10
11	1310.3	28.2	6.1	6.1	1310.2	28.1	4.2	4.2	1310.4	28.4	10.4	10.2	1310.3	28.2	7.2	7.2	11
12	1310.3	28.2	5.7	5.7	1310.4	28.4	7.6	7.4	1310.3	28.2	6.6	6.7	1310.3	28.2	7.0	7.0	12
13	1310.3	28.2	5.3	5.3	1310.5	28.6	17.1	17.0	1310.3	28.2	6.3	6.3	1310.3	28.2	6.9	6.9	13
14	1310.3	28.2	5.3	5.3	1310.4	28.4	11.2	11.3	1310.3	28.2	6.2	6.2	1310.3	28.2	6.6	6.6	14
15	1310.3	28.2	4.9	4.9	1310.3	28.2	7.5	7.6	1310.3	28.2	6.0	6.0	1310.3	28.2	6.5	6.5	15
16	1310.3	28.2	4.6	4.6	1310.3	28.2	6.5	6.5	1310.3	28.2	5.8	5.8	1310.3	28.2	6.3	6.3	16
17	1310.3	28.2	4.5	4.5	1310.3	28.2	6.5	6.5	1310.3	28.2	5.7	5.7	1310.3	28.2	6.3	6.3	17
18	1310.2	28.1	4.4	4.5	1310.3	28.2	6.4	6.4	1310.5	28.6	8.4	8.2	1310.2	28.1	6.2	6.3	18
19	1310.2	28.1	4.4	4.4	1310.3	28.2	6.4	6.4	1310.6	28.7	8.7	8.7	1310.2	28.1	6.2	6.2	19
20	1310.2	28.1	4.3	4.3	1310.2	28.1	6.2	6.3	1310.3	28.2	7.8	8.0	1310.2	28.1	6.2	6.2	20
21	1310.2	28.1	4.2	4.2	1310.2	28.1	6.1	6.1	1311.1	29.4	11.4	10.8	1310.2	28.1	6.1	6.1	21
22	1310.2	28.1	4.3	4.3	1310.2	28.1	5.7	5.7	1310.5	28.6	16.2	16.6	1310.2	28.1	6.1	6.1	22
23	1310.2	28.1	4.3	4.3	1310.2	28.1	5.4	5.4	1310.5	28.6	12.5	12.5	1310.2	28.1	6.0	6.0	23
24	1310.2	28.1	4.3	4.3	1310.2	28.1	5.0	5.0	1310.5	28.6	11.8	11.8	1310.2	28.1	6.0	6.0	24
25	1310.2	28.1	4.5	4.5	1310.2	28.1	4.9	4.9	1310.4	28.4	10.3	10.4	1310.2	28.1	5.9	5.9	25
26	1310.2	28.1	4.4	4.4	1310.2	28.1	4.8	4.8	1310.4	28.4	9.5	9.5	1310.2	28.1	5.9	5.9	26
27	1310.2	28.1	4.3	4.3	1310.2	28.1	4.7	4.7	1310.4	28.4	8.7	8.7	1310.2	28.1	5.8	5.8	27
28	1310.2	28.1	4.3	4.3	1310.2	28.1	4.7	4.7	1310.5	28.6	8.1	8.0	1310.2	28.1	5.8	5.8	28
29					1310.2	28.1	4.7	4.7	1310.4	28.4	9.5	8.6	1310.2	28.1	5.7	5.7	29
30					1310.2	28.1	4.7	4.7	1310.3	28.2	8.0	8.1	1310.2	28.1	5.7	5.7	30
31					1310.2	28.1	4.7	4.7					1310.2	28.1	5.6	5.6	31
TOTAL			156.2	156.4			174.5	174.5			228.7	228.6			206.5	206.6	
Inf. Ac. Ft.			309.8				346.1				453.6				409.6	3,159.0	
Outf. Ac. Ft.			310.2				346.1				453.4				409.8	3,154.0	
Maximum Mean Daily Inflow			8.3				17.1				16.2				8.0	156.6	
Minimum Mean Daily Inflow			4.2				3.6				4.8				5.6	1.1	
Storage Change		− 0.3				0				+ 0.1				− 0.1		− 12.9 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,336.6	feet	on	12/6/66	Storage	128.3	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,307.6	feet	on	12/19/66	Storage	24.7	Acre Feet	J. MC GOWAN	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	307.	C. F. S. from		5:00 P.M. on	12/6/66	to	6:00 P.M. on	12/6/66	R. V. WOOD	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	240.	C. F. S. from		11:45 A.M. on	12/6/66	to	12:30 P.M. on	12/6/66		Hydrographer	Inf. & Outf. comp.	RAP	RAP

REMARKS (1) 18.0 ACRE-FEET LOSS DUE TO SILTATION.

760139N-689 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAWPIT Dam

In Sawpit Canyon for the Year Ending September 30, 1967

~~On~~

Drainage Area 3.34 Square Miles. Capacity of Reservoir 269.2 Ac. Ft. at Spillway Elev. 1,360.0 Ft. as of March 1967

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1310.2	28.1	5.6	5.6	1310.2	28.1	4.1	4.1	1310.1	28.0	3.4	3.4	1310.1	28.0	2.7	2.7	1
2	1310.2	28.1	5.6	5.6	1310.2	28.1	4.1	4.1	1310.1	28.0	3.4	3.4	1310.1	28.0	2.8	2.8	2
3	1310.2	28.1	5.3	5.3	1310.2	28.1	4.1	4.1	1310.1	28.0	3.5	3.5	1310.1	28.0	2.8	2.8	3
4	1310.2	28.1	5.0	5.0	1310.2	28.1	4.1	4.1	1310.1	28.0	3.4	3.4	1310.1	28.0	2.7	2.7	4
5	1310.2	28.1	4.8	4.8	1310.2	28.1	4.0	4.0	1310.1	28.0	3.4	3.4	1310.1	28.0	2.6	2.6	5
6	1310.2	28.1	4.8	4.8	1310.2	28.1	3.9	3.9	1310.1	28.0	3.3	3.3	1310.1	28.0	2.6	2.6	6
7	1310.2	28.1	4.8	4.8	1310.1	28.0	3.7	3.8	1310.1	28.0	3.3	3.3	1310.1	28.0	2.4	2.4	7
8	1310.2	28.1	4.9	4.9	1310.1	28.0	3.8	3.8	1310.1	28.0	3.2	3.2	1310.1	28.0	2.5	2.5	8
9	1310.2	28.1	4.9	4.9	1310.1	28.0	3.7	3.7	1310.1	28.0	3.2	3.2	1310.1	28.0	2.4	2.4	9
10	1310.2	28.1	5.1	5.1	1310.1	28.0	3.6	3.6	1310.1	28.0	3.1	3.1	1310.1	28.0	2.4	2.4	10
11	1310.2	28.1	5.1	5.1	1310.1	28.0	3.4	3.4	1310.1	28.0	3.1	3.1	1310.1	28.0	2.2	2.2	11
12	1310.2	28.1	5.7	5.7	1310.1	28.0	3.4	3.4	1310.1	28.0	3.0	3.0	1310.1	28.0	2.3	2.3	12
13	1310.2	28.1	5.6	5.6	1310.1	28.0	3.4	3.4	1310.1	28.0	3.0	3.0	1310.1	28.0	2.2	2.2	13
14	1310.2	28.1	5.7	5.7	1310.1	28.0	3.4	3.4	1310.1	28.0	2.9	2.9	1310.1	28.0	2.2	2.2	14
15	1310.2	28.1	5.5	5.5	1310.1	28.0	3.4	3.4	1310.1	28.0	2.9	2.9	1310.1	28.0	2.1	2.1	15
16	1310.2	28.1	5.5	5.5	1310.1	28.0	3.4	3.4	1310.1	28.0	2.8	2.8	1310.1	28.0	2.1	2.1	16
17	1310.2	28.1	5.3	5.3	1310.1	28.0	3.4	3.4	1310.1	28.0	2.8	2.8	1310.1	28.0	2.1	2.1	17
18	1310.2	28.1	5.1	5.1	1310.1	28.0	3.3	3.3	1310.1	28.0	2.7	2.7	1310.1	28.0	2.3	2.3	18
19	1310.2	28.1	5.1	5.1	1310.1	28.0	3.3	3.3	1310.1	28.0	2.7	2.7	1310.1	28.0	2.4	2.4	19
20	1310.2	28.1	4.9	4.9	1310.1	28.0	3.3	3.3	1310.1	28.0	2.6	2.6	1310.1	28.0	2.3	2.3	20
21	1310.2	28.1	4.7	4.7	1310.1	28.0	3.3	3.3	1310.1	28.0	2.6	2.6	1310.1	28.0	2.3	2.3	21
22	1310.2	28.1	4.7	4.7	1310.1	28.0	3.2	3.2	1310.1	28.0	2.5	2.5	1310.1	28.0	2.3	2.3	22
23	1310.2	28.1	4.5	4.5	1310.1	28.0	3.1	3.1	1310.1	28.0	2.5	2.5	1310.1	28.0	2.3	2.3	23
24	1310.2	28.1	4.4	4.4	1310.1	28.0	3.1	3.1	1310.1	28.0	2.4	2.4	1310.1	28.0	2.4	2.4	24
25	1310.2	28.1	4.3	4.3	1310.1	28.0	3.1	3.1	1310.1	28.0	2.4	2.4	1310.1	28.0	2.4	2.4	25
26	1310.2	28.1	4.2	4.2	1310.1	28.0	3.0	3.0	1310.1	28.0	2.4	2.4	1310.1	28.0	2.4	2.4	26
27	1310.2	28.1	4.1	4.1	1310.1	28.0	3.0	3.0	1310.1	28.0	2.5	2.5	1310.1	28.0	2.4	2.4	27
28	1310.2	28.1	4.2	4.2	1310.1	28.0	3.1	3.1	1310.1	28.0	2.5	2.5	1310.1	28.0	2.4	2.4	28
29	1310.2	28.1	4.1	4.1	1310.1	28.0	3.1	3.1	1310.1	28.0	2.6	2.6	1310.1	28.0	2.4	2.4	29
30	1310.2	28.1	4.3	4.3	1310.1	28.0	3.2	3.2	1310.1	28.0	2.6	2.6	1310.1	28.0	2.4	2.4	30
31					1310.1	28.0	3.3	3.3	1310.1	28.0	2.7	2.7					31
TOTAL			147.8	147.8			107.3	107.4			89.4	89.4			71.8	71.8	
Inf. Ac. Ft.			293.2				212.8				177.3				142.4	3,984.7	
Outf. Ac. Ft.			293.2				213.0				177.9				142.4	3,979.9	
Maximum Mean Daily Inflow			5.7				4.1				3.5				2.8	156.6	
Minimum Mean Daily Inflow			4.1				3.0				2.4				2.1	1.1	
Storage Change		0				− 0.1				0				0		− 13.0 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,336.8	feet	on	12/6/66	Storage	128.3	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,307.6	feet	on	12/19/66	Storage	24.7	Acre Feet	J. MC GOWAN	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	307.	C. F. S. from		5:00 P.M. on	12/6/66	to	6:00 P.M. on	12/6/66	R. V. WOOD	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	240.	C. F. S. from		11:45 A.M. on	12/6/66	to	12:30 P.M. on	12/6/66		Hydrographer	Inf. & Outf. comp.	RAP	RAP

REMARKS (1) 18.0 ACRE-FEET LOSS DUE TO SILTATION.

760138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of COGSWELL Dam

In San Gabriel Canyon – West Fork for the Year Ending September 30, 1966

Drainage Area 39.2 Square Miles. Capacity of Reservoir 10,228. Ac. Ft. at Spillway Elev. 2,385.0 Ft. as of November 1962

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	2263.5	634.0	0.4	13.3	2241.5	199.8	0.4	0.3	2320.5	3363.0	150.9	418.1	2364.6	7493.6	328.4	210.0	1
2	2262.4	605.8	0.4	13.3	2241.5	199.8	0.5	0.4	2310.4	2714.1	135.3	462.0	2365.7	7624.1	259.5	193.0	2
3	2261.4	580.8	0.4	12.9	2241.5	199.8	0.5	0.4	2301.4	2153.3	113.1	397.6	2366.8	7756.4	226.4	159.0	3
4	2260.4	556.4	0.4	12.9	2241.6	201.2	1.2	0.4	2291.9	1669.1	92.5	336.4	2365.3	7576.4	206.9	297.0	4
5	2259.3	530.4	0.4	12.6	2241.6	201.2	0.5	0.4	2279.7	1149.0	96.0	358.0	2361.3	7110.2	194.5	429.0	5
6	2253.2	505.2	0.4	12.6	2241.6	201.2	0.5	0.4	2270.6	935.9	80.4	239.1	2356.6	6583.5	182.6	443.0	6
7	2257.1	480.8	0.4	12.6	2241.7	202.6	1.2	0.4	2264.9	670.9	71.3	154.4	2347.4	5620.0	174.6	660.0	7
8	2255.9	455.0	0.4	12.2	2241.7	202.6	0.5	0.4	2264.4	657.6	64.7	71.3	2342.3	5133.0	174.8	420.0	8
9	2254.8	432.1	0.4	12.2	2241.7	202.6	0.5	0.4	2264.7	665.6	69.6	63.5	2339.8	4906.9	135.3	249.0	9
10	2253.5	407.8	0.4	12.2	2241.8	204.0	1.2	0.4	2266.7	720.5	72.7	44.9	2327.1	3854.7	167.8	693.0	10
11	2252.4	384.0	0.4	12.2	2241.8	204.0	0.5	0.4	2266.2	706.5	54.8	61.9	2309.9	2651.6	144.7	751.0	11
12	2251.2	360.7	0.4	12.2	2241.8	204.0	0.5	0.4	2265.2	679.1	61.5	75.3	2288.0	1491.4	123.3	708.0	12
13	2250.0	338.1	0.4	11.9	2241.8	204.0	0.5	0.4	2266.8	723.3	61.7	39.3	2279.2	1129.9	156.1	339.0	13
14	2248.9	318.0	0.4	11.9	2242.0	206.9	2.1	0.6	2268.0	757.7	53.5	36.2	2279.7	1149.0	88.8	79.0	14
15	2247.7	296.8	0.4	10.3	2242.4	212.8	4.2	1.2	2269.4	799.3	51.7	30.7	2280.1	1164.3	83.9	76.0	15
16	2246.3	273.2	0.4	11.2	2243.7	314.5	53.8	2.6	2271.5	864.0	45.2	12.5	2279.6	1145.2	79.6	89.0	16
17	2245.0	252.2	0.4	11.2	2294.2	1,779.1	756.5	13.1	2274.1	948.4	43.4	0.6	2279.0	1122.3	74.7	86.0	17
18	2243.3	226.1	0.4	11.2	2306.5	2,445.4	416.1	80.1	2276.4	1,027.5	40.6	0.6	2278.3	1096.3	73.0	86.0	18
19	2241.7	202.6	0.4	11.2	2303.6	2,276.9	106.5	191.3	2273.4	1,100.0	37.3	0.7	2277.5	1067.0	70.3	85.0	19
20	2241.1	194.0	0.4	4.4	2299.5	1,996.6	66.7	207.9	2280.3	1,172.1	37.4	0.7	2277.3	1059.7	64.5	69.0	20
21	2241.2	195.5	0.4	0.4	2292.3	1,683.0	52.4	207.9	2282.2	1,247.0	33.7	0.8	2277.2	1056.1	60.3	62.0	21
22	2241.2	195.5	0.4	0.4	2329.5	4,042.4	2,025.9	838.9	2283.9	1,316.2	35.8	0.9	2277.0	1,048.3	53.6	62.0	22
23	2241.2	195.5	0.4	0.4	2336.4	4,609.9	1,403.8	1,117.7	2285.4	1,379.1	32.8	0.9	2276.6	1,034.6	54.9	62.0	23
24	2241.3	196.9	0.4	0.4	2345.3	5,415.0	1,265.7	859.8	2286.9	1,443.3	33.5	0.9	2276.4	1,027.5	54.5	53.0	24
25	2241.3	196.9	0.4	0.4	2345.6	5,443.9	700.0	685.4	2288.3	1,504.8	32.0	0.9	2277.0	1,048.8	55.0	44.0	25
26	2241.4	193.3	0.4	0.4	2345.0	5,386.0	383.3	412.0	2289.6	1,563.1	30.4	0.9	2278.3	1,114.9	57.4	24.0	26
27	2241.4	193.3	0.3	0.4	2342.2	5,123.7	280.1	412.0	2290.5	1,604.2	32.1	11.2	2281.5	1,219.1	54.3	1.6	27
28	2241.4	193.3	0.3	0.4	2339.2	4,765.7	225.1	405.0	2290.5	1,604.2	33.3	33.1	2283.9	1,316.2	50.7	1.6	28
29	2241.4	193.3	0.3	0.3	2333.2	4,340.7	187.1	401.0	2350.0	5,882.4	2,640.6	483.7	2286.1	1,403.8	43.4	1.6	29
30	2241.5	199.8	0.3	0.3	2327.6	3,993.5	164.8	390.0	2359.6	6,804.9	873.8	404.7	2288.6	1,513.2	57.4	2.0	30
31	2241.5	199.8	0.3	0.3					2362.6	7,259.9	441.4	212.0	2290.7	1,613.4	50.0	1.8	31
TOTAL			11.9	238.6			3,102.6	6,236.6			5,660.0	4,958.8			3,611.2	6,449.6	
Inf. Ac. Ft.			23.6				16,071.3				11,226.4			7,162.7		34,484.0	
Outf. Ac. Ft.			473.3 + (10.9)				12,370.1 + (7.5)				7,852.2 + (7.9)			12,792.6 + (16.7)		33,488.2 + (43.0)	
Maximum Mean Daily Inflow			0.4				2,025.9				2,640.6				328.4	2,640.6	
Minimum Mean Daily Inflow			0.3				0.4				30.4				48.4	0.3	
Storage Change			– 460.5				+ 3,693.7				+ 3,366.4				– 5,646.5	+ 953.1	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,367.5	feet	on 1/4/66	Storage	7,841.7	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	2,199.9	feet	on VARIOUS DAYS	Storage	0	Acre Feet	H. R. WILSON	Dam Tender	Gage Hts. copied	FM FES
Max. Peak Inf.	9,219.	C.F.S. from 2:00 P.M.	on 12/29/65	to	3:00 P.M.	on 12/29/65	E. K. DE VORE	Hydrographer	Storage applied	FM FES
Max. Peak Outf.	2,570.	C.F.S. from 11:36 P.M.	on 11/22/65	to	12:00 MID.	on 11/22/65		Hydrographer	Inf. & Outf. comp.	FM FES

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

{ INDICATES AVERAGE FOR PERIOD.

760138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of COGSWELL Dam

In San Gabriel Canyon – West Fork for the Year Ending September 30, 1966

Drainage Area 39.2 Square Miles. Capacity of Reservoir 10,228. Ac. Ft. at Spillway Elev. 2,385.0 Ft. as of November 1962

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read Daily

Day	FEBRUARY Gage Height	FEBRUARY Acre Ft. Storage	FEBRUARY C.F.S. Inflow	FEBRUARY C.F.S. Outflow	MARCH Gage Height	MARCH Acre Ft. Storage	MARCH C.F.S. Inflow	MARCH C.F.S. Outflow	APRIL Gage Height	APRIL Acre Ft. Storage	APRIL C.F.S. Inflow	APRIL C.F.S. Outflow	MAY Gage Height	MAY Acre Ft. Storage	MAY C.F.S. Inflow	MAY C.F.S. Outflow	Day
1	2292.7	1,707.0	49.0	1.8	2331.4	4,194.1	31.5	2.8	2342.0	5,105.3	25.4	75.6	2214.8	21.8	19.5	21.0	1
2	2294.5	1,793.7	45.5	1.8	2332.1	4,250.7	31.8	2.8	2340.5	4,969.5	24.6	92.2	2215.1	23.8	21.0	20.0	2
3	2296.2	1,877.9	44.3	1.8	2332.8	4,307.9	31.9	2.6	2339.0	4,835.9	25.3	92.2	2215.2	24.1	19.1	19.0	3
4	2297.8	1,959.9	43.3	1.8	2333.4	4,357.3	27.9	2.6	2337.5	4,704.8	25.2	90.7	2214.8	21.8	16.3	17.4	4
5	2299.3	2,039.1	41.8	1.8	2334.1	4,415.3	32.1	2.6	2336.0	4,575.5	27.9	92.2	2210.0	13.3	11.9	16.2	5
6	2303.7	2,282.6	125.6	2.8	2334.7	4,465.6	29.3	2.6	2334.4	4,440.4	23.3	90.7	2208.8	11.5	15.2	16.1	6
7	2306.6	2,451.4	87.4	2.2	2335.3	4,516.1	29.4	2.6	2332.8	4,307.9	26.0	92.2	2209.5	12.6	16.6	16.1	7
8	2308.8	2,583.9	69.2	2.2	2335.9	4,567.0	29.7	2.6	2331.3	4,186.0	31.3	92.2	2210.0	13.3	16.5	16.1	8
9	2310.7	2,701.6	61.8	2.2	2336.4	4,609.9	24.7	2.6	2329.7	4,053.2	29.2	92.2	2209.8	13.0	16.0	16.1	9
10	2312.3	2,803.4	53.8	2.2	2337.0	4,661.4	23.0	2.6	2328.1	3,932.3	24.7	87.8	2209.2	12.1	15.6	16.1	10
11	2313.8	2,901.1	51.7	2.2	2337.5	4,704.8	25.0	2.6	2326.5	3,808.6	26.0	87.8	2209.2	12.1	16.1	16.1	11
12	2315.3	3,001.0	52.8	2.2	2338.0	4,748.2	24.8	2.6	2324.8	3,679.2	19.7	83.4	2209.2	12.1	16.1	16.1	12
13	2316.6	3,089.4	47.2	2.2	2338.5	4,792.0	25.3	2.8	2323.2	3,559.7	22.5	82.0	2209.2	12.1	15.7	15.7	13
14	2317.8	3,172.2	44.3	2.3	2339.0	4,835.9	25.4	2.8	2321.5	3,435.2	17.3	79.3	2209.4	12.4	15.1	15.0	14
15	2319.0	3,256.3	45.1	2.4	2339.5	4,880.2	25.8	2.9	2319.8	3,313.0	17.1	78.0	2209.6	12.7	14.5	14.3	15
16	2320.2	3,341.5	45.7	2.4	2340.0	4,924.6	25.7	2.8	2318.0	3,186.1	13.2	76.6	2209.5	12.6	13.5	13.6	16
17	2321.2	3,413.4	39.1	2.5	2340.5	4,969.5	26.0	2.8	2316.9	3,110.0	22.7	60.6	2209.5	12.6	12.8	12.8	17
18	2322.3	3,493.4	43.1	2.5	2340.9	5,005.4	21.7	2.8	2316.9	3,110.0	13.5	13.2	2209.5	12.6	11.7	11.7	18
19	2323.2	3,559.7	36.3	2.5	2341.4	5,050.8	26.3	2.8	2317.1	3,123.7	20.7	13.5	2209.4	12.4	11.1	11.2	19
20	2324.2	3,634.1	40.3	2.5	2341.8	5,087.1	21.8	2.8	2317.2	3,130.7	17.9	13.9	2208.8	11.5	11.5	11.9	20
21	2325.1	3,701.8	36.9	2.5	2342.2	5,123.7	21.9	2.8	2317.2	3,130.7	15.8	15.3	2209.7	11.4	12.7	12.8	21
22	2326.0	3,770.2	37.3	2.5	2342.6	5,150.6	16.9	2.8	2317.0	3,116.8	15.8	22.4	2208.7	11.4	13.7	13.7	22
23	2326.8	3,831.6	33.9	2.5	2343.0	5,197.5	27.1	2.8	2315.7	3,029.0	14.1	98.0	2208.6	11.2	14.2	14.3	23
24	2327.7	3,901.2	38.0	2.6	2343.4	5,234.9	21.9	2.9	2309.7	2,639.3	33.1	228.2	2208.6	11.2	15.0	15.0	24
25	2328.5	3,963.6	34.4	2.6	2344.0	5,291.0	31.5	3.1	2297.3	1,934.0	19.2	374.4	2208.6	11.2	15.2	15.2	25
26	2329.2	4,018.6	30.5	2.6	2344.4	5,329.0	22.4	2.9	2281.5	1,219.1	35.2	395.3	2208.6	11.2	14.7	14.7	26
27	2330.0	4,081.9	34.8	2.6	2344.8	5,367.0	22.4	2.9	2252.5	386.0	20.7	380.2	2208.6	11.2	14.2	14.2	27
28	2330.7	4,137.8	31.3	2.8	2344.8	5,367.0	24.7	24.2	2218.2	32.0	13.7	192.1	2208.6	11.2	13.6	13.6	28
29					2344.3	5,319.5	27.6	50.8	2217.7	30.6	22.3	23.0	2208.6	11.2	12.8	12.8	29
30					2343.7	5,263.0	22.4	50.0	2215.5	24.8	19.1	22.0	2208.6	11.2	12.1	12.1	30
31					2343.1	5,206.8	21.8	49.3					2208.6	11.2	11.2	11.2	31
TOTAL			1,344.4	65.0			802.6	248.6			660.5	3,197.2			455.2	462.1	
Inf. Ac. Ft.			2,666.6				1,591.9				1,310.1				902.9	40,955.5	
Outf. Ac. Ft.			128.9 + (13.3)				493.1 + (29.8)				6,341.6 + (30.9)			916.6 + (+)		41,368.4 + (117.0)	
Maximum Mean Daily Inflow			125.6				32.1				35.2				21.0	2,640.6	
Minimum Mean Daily Inflow			30.5				16.9				13.2				11.0	0.3	
Storage Change		+ 2,524.4				+ 1,069.0				– 5,182.0				– 13.6		– 649.1	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,367.2	feet	on 1/3/66	Storage	7,841.7	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	2,199.9	feet	on VARIOUS DAYS	Storage	0	Acre Feet	H. R. WILSON	Dam Tender	Gage Hts. copied	FM FES
Max. Peak Inf.	9,219.	C.F.S. from 2:00 P.M.	on 12/29/65	to	3:00 P.M.	on 12/29/65	E. K. DE VORE	Hydrographer	Storage applied	FM FES
Max. Peak Outf.	2,570.	C.F.S. from 11:36 P.M.	on 11/22/65	to	12:00 MID.	on 11/22/65		Hydrographer	Inf. & Outf. comp.	FM FES

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of COGSWELL Dam

In San Gabriel Canyon – West Fork for the Year Ending September 30, 19 66

~~Or~~

Continuous Water Stage Recorder Stevens A-35

Drainage Area 39.2 Square Miles. Capacity of Reservoir 10,228. Ac. Ft. at Spillway Elev. 2,385.0 Ft. as of November 19 62 Gage Heights Read Daily

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C.F.S. Inflow	JUNE C.F.S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C.F.S. Inflow	JULY C.F.S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C.F.S. Inflow	AUGUST C.F.S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C.F.S. Inflow	SEPTEMBER C.F.S. Outflow	Day
1	2208.6	11.2	10.3	10.3	2201.0	1.4	5.1	5.1	2199.0	0	1.9	1.9	2199.0	0	1.9	1.9	1
2	2208.5	11.0	9.6	9.7	2201.0	1.4	4.9	4.9			1.9	1.9			1.9	1.9	2
3	2208.5	11.0	9.3	9.3	2201.0	1.4	4.7	4.7			1.8	1.8			1.8	1.8	3
4	2208.4	10.9	9.1	9.2	2201.0	1.4	4.5	4.5			1.8	1.8			1.7	1.7	4
5	2208.4	10.9	9.1	9.1	2201.0	1.4	4.2	4.2			1.7	1.7			1.7	1.7	5
6	2208.4	10.9	9.0	9.0	2201.0	1.4	3.8	3.8			1.7	1.7			1.6	1.6	6
7	2208.4	10.9	8.8	8.8	2201.0	1.4	3.5	3.5			1.7	1.7			1.6	1.6	7
8	2208.4	10.9	8.6	8.6	2200.7	1.2	3.4	3.5			1.6	1.6			1.5	1.5	8
9	2208.4	10.9	8.4	8.4	2200.5	1.0	3.3	3.4			1.5	1.5			1.5	1.5	9
10	2208.4	10.9	8.0	8.0	2200.5	1.0	3.3	3.3			1.5	1.5			1.4	1.4	10
11	2208.4	10.9	7.8	7.8	2200.2	0.6	3.1	3.3			1.5	1.5			1.4	1.4	11
12	2208.4	10.9	7.5	7.5	2200.0	0.6	3.3	3.3			1.5	1.5			1.5	1.5	12
13	2207.3	9.3	6.4	7.2	2200.0	0.6	3.1	3.1			1.4	1.4			1.5	1.5	13
14	2206.4	8.0	6.2	6.8	2200.0	0.6	3.0	3.0			1.4	1.4			1.5	1.5	14
15	2205.8	7.2	5.9	6.3	2200.0	0.6	2.9	2.9			1.4	1.4			1.4	1.4	15
16	2205.4	6.6	5.7	6.0	2200.0	0.6	2.8	2.8			1.4	1.4			1.4	1.4	16
17	2204.6	5.6	5.5	6.0	2200.0	0.6	2.7	2.7			1.4	1.4			1.5	1.5	17
18	2203.6	4.3	5.3	6.0	2199.8	0.5	2.6	2.7			1.4	1.4			1.7	1.7	18
19	2202.6	3.1	5.4	6.0	2199.7	0.4	2.6	2.6			1.4	1.4			1.8	1.8	19
20	2202.0	2.4	5.6	5.9	2199.0	+	2.3	2.5			1.6	1.6			2.0	2.0	20
21	2202.0	2.4	5.9	5.9		0	2.4	2.4			1.6	1.6			1.9	1.9	21
22	2202.0	2.4	5.9	5.9			2.4	2.4			1.6	1.6			1.8	1.8	22
23	2202.0	2.4	5.9	5.9			2.3	2.3			1.5	1.5			1.8	1.8	23
24	2202.0	2.4	5.8	5.8			2.3	2.3			1.5	1.5			1.8	1.8	24
25	2202.0	2.4	5.7	5.7			2.2	2.2			1.5	1.5			1.7	1.7	25
26	2202.0	2.4	5.6	5.6			2.2	2.2			1.5	1.5			1.7	1.7	26
27	2201.9	2.1	5.3	5.5			2.1	2.1			1.6	1.6			1.6	1.6	27
28	2201.5	1.9	5.3	5.4			2.1	2.1			1.6	1.6			1.6	1.6	28
29	2201.2	1.6	5.2	5.3			2.1	2.1			1.7	1.7			1.6	1.6	29
30	2201.0	1.4	5.2	5.3			2.0	2.0			1.7	1.7			1.4	1.4	30
31					2199.0	0	2.0	2.0	2199.0	0	1.8	1.8	2199.0	0			31
TOTAL			207.3	212.2			93.2	93.9			49.1	49.1			49.2	49.2	
Inf. Ac. Ft.			411.2				184.9				97.4				97.6	41,746.6	
Outf. Ac. Ft.			420.9 + (0)				186.2 + (0)				97.4 + (0)				97.6 + (0)	42,170.5+(117.0)	
MAXIMUM Mean Daily Inflow			10.3				5.1				1.9				2.0	2,640.6	
Minimum Mean Daily Inflow			5.2				2.0				1.4				1.4	0.3	
Storage Change		– 9.8				– 1.4				0				0		–660.3	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,367.5	feet	on 1/4/66	Storage	7,841.7	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	2,199.9	feet	on VARIOUS DAYS	Storage	0	Acre Feet	H. R. WILSON	Dam Tender	Gage Hts. copied	FM	FES
Max. Peak Inf.	9,219.	C.F.S. from	2:00 P.M. on 12/29/65	to	3:00 P.M.	on 12/29/65	E. K. DE VORE	Hydrographer	Storage applied	FM	FES
Max. Peak Outf.	2,570.	C.F.S. from	11:36 P.M. on 11/22/65	to	12:00 MID.	on 11/22/65		Hydrographer	Inf. & Outf. comp.	FM	FES

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of COGSWELL Dam

In San Gabriel Canyon – West Fork for the Year Ending September 30, 19 67

~~Or~~

Continuous Water Stage Recorder Stevens A-35

Drainage Area 39.2 Square Miles. Capacity of Reservoir 9,999.1 Ac. Ft. at Spillway Elev. 2,385.0 Ft. as of June 1966 Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	2170.0	0	0.6	0.6	2209.2	2.7	1.0	1.4	2261.2	568.3	5.8	0.3	2321.0	3188.6	23.5	1.9	1
2	2170.0	0	0.6	0.6	2210.1	3.9	1.0	0.8	2262.0	585.5	9.0	0.3	2321.5	3223.9	20.2	1.9	2
3	2170.0	0	1.8	1.8	2209.8	3.5	1.0	0.4	2287.6	1,357.0	389.8	0.9	2322.0	3259.2	19.9	1.9	3
4	2170.0	0	3.1	3.1	2209.6	3.2	0.9	0.8	2292.5	1,569.4	107.8	0.5	2322.5	3294.9	20.5	2.1	4
5	2170.0	0	3.3	3.3	2209.6	3.2	0.9	1.0	2306.8	2,289.7	364.4	1.2	2323.0	3330.6	20.6	2.1	5
6	2170.0	0	2.5	2.5	2210.1	3.9	0.9	0.6	2336.2	4,367.0	1,856.3	309.0	2323.5	3366.6	20.4	2.0	6
7	2170.0	0	2.1	2.1	2242.7	245.9	123.8	1.8	2330.6	3,904.0	806.7	1,040.0	2324.0	3402.7	20.3	1.6	7
8	2170.0	0	2.0	2.0	2245.7	287.1	21.4	0.5	2325.2	3,564.4	237.2	408.0	2324.4	3431.9	17.4	2.2	8
9	2170.0	0	1.8	1.8	2246.8	303.4	8.5	0.3	2323.8	3,388.3	146.6	235.0	2324.8	3461.0	17.3	2.2	9
10	2170.0	0	1.8	1.8	2247.6	315.6	6.6	0.3	2323.4	3,359.4	106.9	121.0	2325.3	3497.7	20.5	1.7	10
11	2170.0	0	2.0	2.0	2248.4	328.2	6.6	0.3	2322.5	3,294.9	86.9	119.0	2325.7	3527.3	16.9	1.7	11
12	2170.0	0	1.8	1.8	2249.3	342.7	7.6	0.3	2321.2	3,202.7	70.8	117.0	2326.1	3556.9	17.2	1.7	12
13	2170.0	0	2.0	2.0	2250.2	357.6	7.9	0.3	2319.7	3,098.4	64.6	117.0	2326.5	3586.8	17.0	1.7	13
14	2179.2	+	1.7	1.7	2250.9	369.4	6.4	0.3	2318.1	2,989.6	60.3	115.0	2326.9	3616.8	17.1	1.7	14
15	2188.6	|	0.7	0.7	2251.6	381.5	6.4	0.3	2315.6	2,825.1	52.5	135.0	2327.3	3647.1	17.2	1.7	15
16	2194.9	|	0.7	0.7	2252.3	393.7	6.5	0.3	2313.1	2,666.2	45.3	125.0	2327.7	3677.5	17.4	1.7	16
17	2198.4	|	0.7	0.7	2253.0	406.2	6.6	0.3	2312.8	2,647.5	43.0	52.0	2328.0	3700.3	13.7	1.9	17
18	2200.4	+	0.7	0.7	2253.6	417.1	5.9	0.3	2312.4	2,622.6	39.7	52.0	2328.4	3731.2	17.8	1.9	18
19	2202.7	0.1	0.8	0.7	2254.2	428.1	6.0	0.3	2312.2	2,610.2	37.1	43.0	2328.7	3754.3	14.0	1.9	19
20	2203.8	0.2	0.7	0.7	2254.9	441.1	6.8	0.3	2312.7	2,641.3	38.3	22.0	2329.1	3785.4	17.9	1.9	20
21	2204.7	0.3	0.8	0.7	2255.7	456.4	8.1	0.3	2313.5	2,691.3	33.7	8.2	2329.4	3808.9	14.0	1.9	21
22	2205.4	0.4	0.9	0.9	2256.3	468.0	6.3	0.3	2314.2	2,735.4	31.0	8.2	2333.5	4140.1	173.6	6.6	22
23	2205.9	0.5	1.1	1.0	2256.9	479.6	6.1	0.3	2314.9	2,779.9	27.8	4.9	2336.3	4375.6	123.3	4.6	23
24	2206.4	0.7	1.2	1.1	2257.5	491.6	6.5	0.3	2315.7	2,831.5	28.4	2.0	2346.6	5323.1	491.0	13.3	24
25	2206.8	0.8	1.1	1.1	2258.0	501.6	5.4	0.3	2316.5	2,883.6	28.6	2.0	2352.5	5935.0	317.4	8.4	25
26	2207.4	1.2	1.3	1.1	2258.6	513.8	6.6	0.3	2317.2	2,929.6	25.6	1.9	2355.6	6255.1	168.2	5.2	26
27	2207.9	1.5	1.4	1.2	2259.1	524.1	5.5	0.3	2317.9	2,976.2	25.8	1.9	2356.7	6374.7	133.7	73.0	27
28	2208.3	1.8	1.3	1.2	2259.6	534.5	5.5	0.3	2318.6	3,023.3	26.1	1.9	2355.4	6233.4	109.2	180.0	28
29	2208.6	2.1	1.4	1.2	2260.2	547.0	6.7	0.3	2319.2	3,064.0	22.9	1.9	2354.0	6083.1	104.6	180.0	29
30	2208.8	2.3	1.3	1.2	2260.7	557.6	5.8	0.3	2319.8	3,105.3	23.2	1.9	2351.7	5340.7	80.0	202.0	30
31	2209.0	2.5	1.4	1.3					2320.4	3,146.8	23.5	1.9	2349.0	5562.8	93.9	234.0	31
TOTAL			44.6	43.3			295.2	13.9			4,865.6	3,549.9			2,175.7	947.4	
Inf. Ac. Ft.			88.5				585.5				9,650.8				4,315.4	14,640.2	
Outf. Ac. Ft.			85.9 + (0)				27.6 + (2.8)				7,051.1 + (20.4)				1,879.1 + (20.2)	9,033.7 + (43.4)	
MAXIMUM Mean Daily Inflow			3.3				123.8				1,856.3				491.0	1,856.3	
Minimum Mean Daily Inflow			0.6				0.9				5.8				13.7	0.6	
Storage Change		+ 2.5				+ 555.1				+ 2,589.2				+ 2,416.0		+ 5,562.8	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,385.1	feet	on VARIOUS DAYS	Storage	10,014.	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	2,170.0	feet	on VARIOUS DAYS	Storage	0	Acre Feet	H. R. WILSON	Dam Tender	Gage Hts. copied	FM	RAP
Max. Peak Inf.	4,650.	C.F.S. from	5:00 P.M. on 12/6/66	to	6:00 P.M.	on 12/6/66	E. K. DE VORE	Hydrographer	Storage applied	SEB	RAP
Max. Peak Outf.	2,380.	C.F.S. from	4:33 P.M. on 12/6/66	to	5:03 P.M.	on 12/6/66		Hydrographer	Inf. & Outf. comp.	SEB	RAP

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.
{ } INDICATES AVERAGE FOR PERIOD.
+= 0.05 CFS OR LESS

760130N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of COGSWELL Dam

In San Gabriel Canyon – West Fork for the Year Ending September 30, 1967

~~On~~

Drainage Area 39.2 Square Miles. Capacity of Reservoir 9,999.1 Ac. Ft. at Spillway Elev. 2,385.0 Ft. as of June 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MARCH Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	APRIL Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MAY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	2346.7	5333.0	78.5	194.0	2354.0	6083.1	26.9	4.6	2352.9	5966.5	74.2	5.3	2379.5	9,202.8	150.0	156.0	1
2	2345.2	5186.2	74.6	148.0	2354.4	6125.9	27.2	4.6	2354.2	6104.5	74.8	5.1	2379.4	9188.8	150.0	156.0	2
3	2344.3	5099.5	69.0	112.0	2354.8	6168.8	26.8	4.6	2355.4	6233.4	71.0	5.1	2379.8	9,245.1	132.6	103.0	3
4	2343.4	5013.8	69.3	112.0	2355.2	6211.8	26.5	4.6	2357.0	6407.5	93.4	5.3	2380.7	9,301.8	103.5	74.0	4
5	2342.4	4919.7	65.1	112.0	2355.6	6255.1	27.0	4.7	2358.6	6584.9	94.9	5.3	2381.4	9,473.5	161.4	74.0	5
6	2342.2	4901.0	58.2	67.0	2355.9	6287.5	21.7	4.7	2359.8	6719.7	73.8	5.1	2382.0	9,559.9	119.4	74.0	6
7	2342.9	4966.5	50.5	16.7	2356.3	6331.1	27.6	4.9	2361.3	6891.0	91.60	5.1	2382.5	9,632.6	112.1	74.0	7
8	2343.7	5032.3	46.8	12.9	2356.6	6363.8	22.2	4.9	2362.5	7,030.0	75.9	5.3	2383.0	9,705.2	111.8	74.0	8
9	2344.5	5118.7	57.7	13.3	2357.0	6407.5	27.7	4.9	2363.6	7,158.9	70.9	5.3	2383.6	9,793.0	119.4	74.0	9
10	2345.1	5176.4	43.2	13.3	2357.3	6440.6	21.6	4.9	2364.7	7,289.2	71.9	5.6	2384.2	9,881.1	119.2	74.0	10
11	2345.8	5244.5	48.2	13.3	2357.9	6506.9	38.7	5.3	2366.4	7,493.7	138.1	35.0	2384.4	9,910.6	108.0	92.0	11
12	2346.4	5303.4	43.7	13.3	2360.8	6833.6	171.3	5.5	2367.3	7,603.5	110.6	55.0	2384.2	9,881.1	101.1	115.0	12
13	2346.9	5352.6	38.9	13.3	2364.5	7,265.4	354.7	137.0	2368.1	7,702.0	106.1	56.0	2383.9	9,837.0	93.9	115.0	13
14	2347.1	5372.5	44.3	34.0	2359.7	6,708.5	302.2	583.0	2369.1	7,826.5	103.3	40.0	2383.6	9,793.0	95.1	115.0	14
15	2347.1	5372.5	36.3	36.0	2351.9	5,361.5	263.0	690.0	2370.5	8,003.1	98.6	9.3	2383.2	9,734.5	87.3	115.0	15
16	2347.7	5432.2	40.2	9.4	2343.2	4,994.9	211.6	648.0	2371.8	8,169.3	94.3	9.9	2382.8	9,676.1	86.3	114.0	16
17	2348.2	5482.2	35.5	9.4	2338.3	4,548.4	140.3	365.0	2373.0	8,324.6	88.9	9.9	2382.3	9,603.5	78.9	114.0	17
18	2348.7	5532.6	35.7	9.4	2337.9	4,513.3	105.6	123.0	2375.1	8,601.1	169.7	29.0	2382.0	9,559.9	83.5	104.0	18
19	2349.2	5583.2	35.5	9.4	2338.3	4,548.4	92.0	74.0	2375.6	8,667.9	158.9	125.0	2381.5	9,487.9	76.8	112.0	19
20	2349.7	5634.1	33.7	7.2	2338.7	4,583.5	86.1	68.0	2375.8	8,694.6	138.9	125.0	2380.9	9,401.6	70.0	112.0	20
21	2350.2	5685.3	31.8	5.1	2339.8	4,681.4	76.8	27.0	2376.7	8,815.9	188.1	127.0	2380.3	9,316.1	68.6	110.0	21
22	2350.9	5747.2	37.2	4.9	2341.4	4,827.0	79.0	4.2	2379.5	9,202.8	327.3	132.0	2379.9	9,259.2	67.9	95.0	22
23	2351.2	5788.6	26.8	4.9	2342.8	4,957.2	70.4	4.2	2381.1	9,430.3	247.4	132.0	2380.7	9,373.1	64.9	6.0	23
24	2351.7	5840.7	32.1	4.9	2344.1	5,080.3	66.8	4.2	2381.8	9,531.1	219.0	168.0	2381.5	9,487.9	65.3	6.0	24
25	2352.2	5892.9	31.6	4.9	2345.3	5,195.9	63.2	4.2	2381.7	9,516.7	225.6	232.0	2382.2	9,589.0	59.6	7.2	25
26	2352.7	5945.5	31.6	4.7	2346.4	5,303.4	59.2	4.4	2381.2	9,444.7	207.7	243.0	2382.9	9,690.7	62.3	9.6	26
27	2353.2	5998.2	32.1	4.7	2347.5	5,412.3	59.9	4.4	2380.5	9,344.6	196.6	246.0	2383.5	9,778.4	54.9	9.6	27
28	2353.6	6040.7	26.7	4.6	2349.5	5,512.4	55.5	4.7	2379.8	9,245.1	192.8	242.0	2384.2	9,881.1	62.6	9.9	28
29					2349.5	5,613.8	56.2	4.7	2379.5	9,202.8	180.2	201.0	2384.6	9,940.1	55.5	25.0	29
30					2350.5	5,716.2	56.9	4.7	2379.6	9,216.9	167.1	159.0	2384.6	9,940.1	56.6	56.0	30
31					2351.6	5,830.3	62.8	4.9					2384.6	9,940.1	56.3	56.0	31
TOTAL			1,254.8	994.6			2726.4	2818.8			4,150.6	2428.6			2,833.8	2431.3	
Inf. Ac. Ft.			2,488.9				5,407.7				8,232.6				5,620.8	36,390.2	
Outf. Ac. Ft.			1,972.8 + (38.3)				5,591.0 + (27.2)				4,817.1 + (29.0)				4,822.4 + (75.2)	26,237.0+(213.1)	
Maximum Mean Daily Inflow			78.5				354.7				327.3				161.4	1,856.3	
Minimum Mean Daily Inflow			26.7				21.6				70.9				54.9	0.6	
Storage Change		+ 477.9				– 210.4				+ 3,386.6				+ 723.2		+ 9,940.1	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,385.1	feet	on	VARIOUS DAYS	Storage	10,014.	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	2,170.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	H. R. WILSON	Dam Tender	Gage Hts. copied	FM SEB RAP	
Max. Peak Inf.	4,650.	C. F. S. from	5:00 P.M.	on	12/6/66	to	6:00 P.M.	on	12/6/66	E. K. DE VORE	Hydrographer	Storage applied	SEB RAP	
Max. Peak Outf.	2,380.	C. F. S. from	4:33 P.M.	on	12/6/66	to	5:03 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	SEB RAP	

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

760130N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of COGSWELL Dam

In San Gabriel Canyon – West Fork for the Year Ending September 30, 1967

~~On~~

Drainage Area 39.2 Square Miles. Capacity of Reservoir 9,999.1 Ac. Ft. at Spillway Elev. 2,385.0 Ft. as of June 1966

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read Daily

Day	JUNE Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	JULY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	AUGUST Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	SEPTEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	2384.6	9940.1	56.0	56.0	2384.2	9881.1	19.3	10.2	2384.8	9,969.6	10.6	24.0	2376.7	8315.9	7.1	24.0	1
2	2384.5	9925.4	49.8	56.0	2384.4	9910.6	28.0	10.9	2384.6	9,940.1	10.6	25.0	2376.4	8775.4	7.1	24.0	2
3	2384.4	9910.6	50.1	56.0	2384.5	9925.4	20.1	10.9	2384.4	9,910.6	10.5	25.0	2376.2	8743.3	7.1	25.0	3
4	2384.3	9895.8	49.8	56.0	2384.6	9940.1	20.0	10.9	2384.2	9,881.1	10.5	25.0	2375.9	8707.9	7.1	25.0	4
5	2384.2	9881.1	50.0	56.0	2384.7	9954.8	20.5	11.2	2383.9	9,837.0	10.5	25.0	2375.6	8667.9	7.1	26.0	5
6	2384.0	9351.6	41.2	55.0	2384.8	9,969.6	20.2	11.2	2383.7	9,807.7	9.3	25.0	2375.3	8627.8	7.1	26.0	6
7	2383.8	9322.3	41.3	55.0	2384.9	9,984.4	20.4	11.2	2383.4	9,763.8	9.2	25.0	2375.1	8601.1	7.1	26.0	7
8	2383.7	9807.7	48.5	55.0	2385.0	9,999.1	20.6	11.2	2383.2	9,734.5	9.2	25.0	2374.8	8561.3	7.1	26.0	8
9	2383.5	9778.4	41.1	55.0	2385.1	10,014	22.9	12.9	2383.0	9,705.2	9.2	25.0	2374.5	8521.6	7.1	25.0	9
10	2383.3	9749.1	41.0	55.0	2385.1	10,014	17.9	15.6	2382.7	9,661.6	9.2	25.0	2374.2	8481.9	7.1	25.0	10
11	2383.1	9719.8	41.0	55.0	2385.1	10,014	18.2	16.0	2382.5	9,632.6	9.2	25.0	2373.9	8442.4	7.1	24.0	11
12	2382.9	9690.7	41.0	55.0	2385.1	10,014	18.3	16.1	2382.3	9,603.5	9.2	25.0	2373.6	8403.1	7.0	24.0	12
13	2382.7	9661.6	39.9	54.0	2385.1	10,014	18.3	16.4	2382.0	9,559.9	9.2	25.0	2373.3	8363.9	7.0	24.0	13
14	2382.5	9632.6	40.2	54.0	2385.1	10,014	16.0	14.3	2381.7	9,516.7	9.2	25.0	2373.0	8324.6	7.0	23.0	14
15	2382.5	9632.6	40.4	39.0	2385.1	10,014	15.7	14.0	2381.5	9,487.9	9.2	24.0	2372.7	8285.7	7.0	22.0	15
16	2382.6	9647.1	33.5	25.0	2385.1	10,014	15.3	13.3	2381.2	9,444.7	9.2	26.0	2372.4	8246.8	5.1	23.0	16
17	2382.8	9676.1	35.4	19.9	2385.1	10,014	16.1	14.0	2381.0	9,415.9	9.2	26.0	2372.1	8208.0	5.1	24.0	17
18	2383.0	9705.2	35.5	19.9	2385.1	10,014	15.7	12.9	2380.7	9,373.1	9.2	26.0	2371.8	8169.3	5.1	24.0	18
19	2383.1	9719.8	28.6	20.0	2385.1	10,014	15.7	12.9	2380.4	9,330.3	9.2	26.0	2371.2	8092.3	5.1	39.0	19
20	2383.3	9749.1	35.8	19.7	2385.1	10,014	14.0	11.2	2380.2	9,301.8	9.2	25.0	2370.5	8003.1	5.1	48.0	20
21	2383.4	9763.9	29.9	21.0	2385.1	10,014	15.0	12.2	2379.9	9,259.2	6.7	25.0	2369.8	7,914.5	5.1	48.0	21
22	2383.5	9778.4	30.4	21.0	2385.1	10,014	13.9	11.6	2379.6	9,216.9	6.7	25.0	2369.1	7,826.5	5.1	49.0	22
23	2383.7	9807.7	37.7	21.0	2385.1	10,014	12.7	10.5	2379.3	9,174.7	6.7	25.0	2368.3	7,726.9	5.1	49.0	23
24	2383.7	9807.7	23.0	21.0	2385.1	10,014	13.8	11.6	2379.0	9,132.4	6.7	24.0	2367.6	7,640.4	5.1	49.0	24
25	2383.8	9822.3	29.3	20.0	2385.1	10,014	12.1	10.2	2378.8	9,104.6	6.7	24.0	2366.9	7,554.4	5.1	49.0	25
26	2383.8	9822.3	22.2	20.0	2385.1	10,014	12.4	10.5	2378.5	9,063.0	5.5	24.0	2366.2	7,469.4	5.1	49.0	26
27	2383.9	9837.0	29.8	19.9	2385.1	10,014	11.8	9.6	2378.2	9,021.3	5.5	24.0	2365.4	7,373.0	5.1	49.0	27
28	2384.0	9851.6	29.0	19.4	2385.1	10,014	12.4	10.5	2377.9	8,979.8	5.5	24.0	2364.7	7,289.2	5.1	49.0	28
29	2384.0	9851.6	21.3	19.4	2385.1	10,014	12.9	10.9	2377.6	8,938.7	5.4	24.0	2364.0	7,206.0	5.1	49.0	29
30	2384.1	9866.4	25.3	15.9	2385.1	10,014	12.1	10.2	2377.3	8,897.6	5.4	24.0	2363.2	7,111.8	5.1	50.0	30
31					2385.0	9,999.1	14.4	20.0	2377.0	8,856.5	5.4	24.0					31
TOTAL			1,119.0	1,115.1			516.4	385.1			257.0	770.0			182.6	1,017.0	
Inf. Ac. Ft.			2,217.5				1,024.3				509.8				362.2	40,504.0	
Outf. Ac. Ft.			2,211.8 + (79.3)				763.8 + (127.7)				1,527.3 + (125.2)				2,017.2 + (89.7)	32,757.1 + (635.0)	
Maximum Mean Daily Inflow			56.0				28.0				10.6				7.1	1,856.3	
Minimum Mean Daily Inflow			21.3				11.8				5.4				5.1	0.6	
Storage Change		– 73.7				+ 132.7				– 1,142.6				– 1,744.7		+ 7,111.8	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	2,385.1	feet	on	VARIOUS DAYS	Storage	10,014.	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	2,170.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	H. R. WILSON	Dam Tender	Gage Hts. copied	JAS RAP	
Max. Peak Inf.	4,650.	C. F. S. from	5:00 P.M.	on	12/6/66	to	6:00 P.M.	on	12/6/66	E. K. DE VORE	Hydrographer	Storage applied	JAS RAP	
Max. Peak Outf.	2,380.	C. F. S. from	4:33 P.M.	on	12/6/66	to	5:03 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	FM RAP	

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

( ) INDICATES AVERAGE FOR PERIOD.

76D136N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN GABRIEL Dam

In ~~On~~ San Gabriel Canyon for the Year Ending September 30, 1966

Drainage Area 202.7 Square Miles. Capacity of Reservoir 41,640. / 43,642. Ac. Ft. at Spillway Elev. 1,453.0 / 1,453.0 Ft. as of December / November 1965 / 1962

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	NOVEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow
1	1,334.07	4,124	26.8	69.9	1,302.38	(1)	12.3	11.9
2	1,333.41	4,037	26.0	69.9	1,302.38		12.8	12.3
3	1,332.76	3,949	27.0	69.6	1,302.37		12.3	12.3
4	1,332.09	3,859	25.9	69.6	1,302.36		12.7	12.2
5	1,331.42	3,771	27.0	70.0	1,302.36		12.7	12.3
6	1,330.74	3,683	26.6	69.7	1,302.35		12.1	12.2
7	1,330.04	3,594	26.1	70.1	1,302.36		13.1	12.3
8	1,329.32	3,503	25.4	70.5	1,302.37		12.5	12.2
9	1,328.60	3,414	26.3	70.5	1,302.39		13.7	12.4
10	1,327.88	3,326	26.8	70.3	1,302.44		14.1	12.3
11	1,327.13	3,236	25.7	70.0	1,302.51		14.7	12.4
12	1,326.29	3,148	26.5	69.9	1,302.57		14.1	12.3
13	1,325.61	3,057	24.5	69.6	1,302.64		14.6	12.4
14	1,324.82	2,966	24.9	70.1	1,302.97		21.7	12.2
15	1,324.01	2,874	25.3	70.3	1,304.36		54.6	12.1
16	1,323.18	2,783	25.8	70.3	1,308.79		158.8	8.6
17	1,322.37	2,695	26.8	70.2	1,343.33		2,082.0	0.3
18	1,321.51	2,604	25.2	70.1	1,357.48		1,581.8	147.6
19	1,320.63	2,512	25.4	70.8	1,358.86		617.9	464.5
20	1,319.54	2,402	22.3	76.6	1,358.83		466.6	469.5
21	1,318.26	(1)	14.2	79.5	1,358.20	(1)	398.5	468.5
22	1,316.82		12.4	79.4	1,385.04	14,372 (2)	5,811.3	2,893.1
23	1,315.32		12.0	79.6	1,364.17	8,804	5,876.7	3,683.9
24	1,313.71		11.8	79.5	1,365.45	9,101	5,322.1	5,172.4
25	1,311.99		11.6	79.6	1,370.56	10,342	3,633.7	3,007.2
26	1,310.10		11.8	79.4	1,372.03	10,717	2,048.2	1,857.6
27	1,307.98		12.0	79.6	1,369.88	10,171	1,552.1	1,825.5
28	1,305.62		11.7	79.7	1,365.42	9,094	1,311.0	1,352.2
29	1,303.10		12.2	79.6	1,361.13	8,115	1,131.7	1,623.7
30	1,302.37		12.2	32.5	1,359.32	7,715	1,002.8	1,203.4
31	1,302.38	(1)	12.2	12.1				
TOTAL			650.4	2,168.5			33,243.2	29,361.8

Day	DECEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	JANUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow
1	1,356.52	7,122	932.7	1,230.5	1,407.31	21,744	1,569.3	1,410
2	1,349.28	5,746	731.9	1,424.3	1,406.72	21,537	1,307.1	1,410
3	1,341.75	4,535	914.2	1,523.7	1,405.02	20,942	1,111.6	1,410
4	1,333.58	3,390	814.1	1,390.5	1,403.20	20,311	1,093.0	1,410
5	1,324.24	2,286	781.1	1,337.2	1,401.71	19,801	1,144.1	1,410
6	1,320.74	1,987	656.1	806.5	1,400.17	19,279	1,136.2	1,398.1
7	1,320.99	2,005	526.1	516.7	1,400.09	19,252	1,227.0	1,238.8
8	1,321.06	2,011	437.9	434.9	1,399.36	19,006	1,057.9	1,180.5
9	1,321.02	2,008	472.5	474.0	1,397.14	18,262	807.3	1,180.5
10	1,320.81	1,992	466.2	474.0	1,397.30	18,315	1,215.3	1,186.8
11	1,319.29	1,886	420.7	474.0	1,397.68	18,442	1,247.2	1,181.0
12	1,318.76	1,851	452.7	470.0	1,397.57	18,405	1,164.5	1,181.0
13	1,317.49	1,771	408.5	448.8	1,398.82	18,825	747.2	533.5
14	1,319.80	1,920	393.6	318.1	1,399.19	18,949	530.4	466.0
15	1,322.60	2,135	318.2	260.0	1,398.59	18,747	511.8	611.0
16	1,326.19	2,492	388.0	157.1	1,395.80	17,816	498.8	964.0
17	1,330.92	3,053	284.2	0.8	1,391.68	16,460	449.9	1,131.0
18	1,334.98	3,573	263.8	1.1	1,389.56	15,779	447.6	789.3
19	1,338.68	4,082	258.4	0.9	1,389.54	15,773	448.9	451.0
20	1,341.98	4,570	247.3	0.6	1,385.80	14,604	355.0	942.7
21	1,345.04	5,044	240.1	0.6	1,379.44	12,723	413.8	1,360.2
22	1,348.09	5,540	250.5	0.5	1,376.67	11,949	402.0	791.0
23	1,350.77	6,012	239.1	0.5	1,373.96	11,220	383.1	749.3
24	1,353.17	6,459	226.8	0.7	1,373.07	10,986	358.9	475.7
25	1,355.32	6,879	213.3	0.9	1,372.11	10,737	318.4	442.7
26	1,357.35	7,294	210.6	0.9	1,371.67	10,625	315.9	371.0
27	1,359.67	7,574	223.4	81.5	1,371.60	10,607	256.5	264.3
28	1,353.47	6,517	227.5	760.4	1,371.86	10,673	234.8	200.0
29	1,391.63	16,444	9,028.1	4,023.2	1,372.10	10,735	231.4	200.0
30	1,402.04	19,914	4,094.4	2,343.8	1,372.09	10,732	263.4	264.4
31	1,406.42	21,431	2,136.1	1,371.2	1,371.96	10,699	225.0	240.8
TOTAL			27,258.1	20,327.9			21,473.3	26,844.6

	OCTOBER	NOVEMBER	DECEMBER	JANUARY	
Inf. Ac. Ft.	1,290.0	65,936.9	54,065.6	42,591.6	163,884.1
Outf. Ac. Ft.	4,301.2 + (66.6)	59,230.0 + (30.0)	40,319.8 + (29.8)	52,225.6 + (98.0)	157,076.6 + (224.4)
Maximum Mean Daily Inflow	27.0	5,876.7	9,028.1	1,569.3	9,028.1
Minimum Mean Daily Inflow	11.6	12.1	210.6	225.0	11.6
Storage Change	−3,078. ±	+ 6,677. ±	+ 13,716.	− 10,732.	+ 6,481.

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,407.3	feet	on	1/2/66	Storage	21,744.	Acre Feet		
Min. W. S. Elev.	1,250. ±	feet	on	VARIOUS DAYS	Storage	7. ±	Acre Feet		
Max. Peak Inf.	27,176.	C. F. S. from	3:00 P.M. on	12/29/65	to	4:00 P.M.	on	12/29/65	
Max. Peak Outf.	9,135.	C. F. S. from	2:00 A.M. on	11/23/65	to	6:00 A.M.	on	11/23/65	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
O. R. WATKINS	Dam Tender	Gage Hts. copied	FES FM	
E. K. DE VORE	Hydrographer	Storage applied	FES FM	
	Hydrographer	Inf. & Outf. comp.	FES FM	

REMARKS (1) STORAGE TABLE IN ERROR. INFLOWS COMPUTED FROM STATIONS P3-R AND P4B-R, 102. ± LOSS DUE TO SILTATION.
(2) CHANGED TO INTERIM STORAGE TABLE XX, DECEMBER 1965, BEGINNING NOVEMBER 22, 1965.
( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D136N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN GABRIEL Dam

In ~~On~~ San Gabriel Canyon for the Year Ending September 30, 1966

Drainage Area 202.7 Square Miles. Capacity of Reservoir 42,075 / 41,640. Ac. Ft. at Spillway Elev. 1,453.0 Ft. as of April / December 1966 / 1965

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MARCH Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow
1	1,372.01	10,712	247.3	240.5	1,370.07	10,246	205.0	310.7
2	1,371.97	10,701	242.1	247.0	1,364.65	9,149	197.6	748.7
3	1,371.85	10,671	233.0	247.0	1,351.2	6,681	191.2	1,433.9
4	1,371.67	10,625	220.7	243.0	1,337.6	4,754	187.1	1,157.8
5	1,371.43	10,563	218.0	249.0	1,311.43	3,478	182.7	825.0
6	1,371.37	10,548	488.4	495.9	1,299.60	2,510	178.5	666.2
7	1,371.40	10,555	403.8	400.0	(1)	1,787	178.8	542.5
8	1,371.27	10,522	344.7	360.2		1,397	174.4	370.8
9	1,371.17	10,497	329.2	340.0		17.0	177.7	177.7
10	1,370.98	10,448	302.6	326.2		16.0	175.5	176.0
11	1,370.66	10,367	279.0	318.7		15.0	171.4	171.9
12	1,370.29	10,274	274.1	319.7		14.0	171.4	171.9
13	1,369.78	10,146	257.1	320.0		13.0	171.4	171.9
14	1,369.82	10,156	257.5	251.2		11.4	175.5	176.3
15	1,370.49	10,324	276.0	190.1		10.4	176.7	177.2
16	1,370.95	10,440	255.4	195.2		10.4	174.7	174.7
17	1,371.34	10,540	249.2	197.1		10.0	169.5	169.7
18	1,371.53	10,589	239.9	213.6		10.0	168.4	168.4
19	1,371.52	10,586	240.1	240.1		10.0	168.4	168.4
20	1,371.45	10,568	233.0	240.1		10.0	168.4	168.4
21	1,371.42	10,561	228.4	229.8		10.0	168.4	168.4
22	1,371.47	10,573	231.4	223.0		10.0	167.4	167.4
23	1,371.46	10,571	223.5	223.0		10.0	165.5	165.5
24	1,371.43	10,563	220.0	223.0		8.0	175.0	176.0
25	1,371.36	10,545	214.8	223.0		8.0	193.7	193.7
26	1,371.28	10,525	214.5	223.0		8.0	171.4	171.4
27	1,371.17	10,497	210.3	223.0		8.0	164.0	164.0
28	1,371.02	10,458	204.9	223.0		8.0	167.8	167.8
29						8.0	203.0	203.0
30						8.0	200.8	200.8
31					(1)	8.0	198.8	198.8
TOTAL			7,337.9	7,425.4			5,540.1(1)	10,104.9

Day	APRIL Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MAY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow
1	(1)	8.0	213.2	213.2	1,342.85	4,361	112.6	0
2		8.0	239.2	239.2	1,341.38	4,654	104.1	207.1
3		8.0	239.2	239.2	1,342.93	4,883	117.2	0.3
4		8.0	239.2	239.2	1,344.39	5,104	113.0	0.3
5		8.0	233.1	233.1	1,345.82	5,327	114.1	0.3
6		8.0	226.7	226.7	1,347.13	5,535	106.9	0.6
7		8.0	221.7	221.7	1,348.42	5,749	110.1	0.6
8		8.0	220.6	220.6	1,349.67	5,961	108.6	0.7
9		8.0	219.7	219.7	1,350.69	6,136	121.4	32.3
10		8.0	219.8	219.8	1,351.43	6,266	117.3	51.0
11		8.0	222.9	222.9	1,352.16	6,396	116.5	50.3
12		8.0	221.8	221.8	1,352.84	6,519	113.4	50.2
13		8.0	215.7	215.7	1,353.46	6,632	108.2	50.0
14		8.0	209.5	209.5	1,354.02	6,734	103.4	50.5
15		8.0	204.2	204.2	1,354.58	6,839	105.5	50.8
16		8.0	203.0	203.0	1,355.09	6,934	100.7	50.9
17		8.0	198.1	198.1	1,355.58	7,027	99.9	51.2
18		7.0	147.3	147.8	1,356.07	7,120	100.1	51.3
19		7.0	146.2	146.2	1,356.50	7,203	95.2	51.4
20	(1)	7.0	140.0	140.0	1,356.92	7,284	94.1	51.6
21	1,250	7.0	135.9	135.9	1,357.34	7,366	95.2	51.8
22	1,281.50	94.0	133.3	89.4	1,357.77	7,450	95.1	51.1
23	1,293.16	346.1	127.4	0	1,358.19	7,533	94.6	50.8
24	1,302.85	847.0(3)	253.3	0	1,358.58	7,610	92.0	51.4
25	1,314.75	1,696	428.9	0	1,358.78	7,649	86.5	65.2
26	1,327.27	2,892	588.8	0	1,359.15	7,723	89.9	51.3
27	1,332.74	3,497	321.2	0	1,359.53	7,800	91.6	51.4
28	1,337.69	4,137	323.8	0	1,359.88	7,870	89.0	51.7
29	1,339.56	4,395	131.3	0	1,360.22	7,939	87.6	50.8
30	1,341.29	4,641	125.5	0	1,360.58	8,012	89.4	50.3
31					1,360.90	8,078	85.7	50.2
TOTAL			6,750.5	4,406.9			3,158.9	1,377.4

	FEBRUARY	MARCH	APRIL	MAY	
Inf. Ac. Ft.	14,554.5	10,988.8	13,389.4	6,265.6	209,082.4
Outf. Ac. Ft.	14,728.0 + (67.4)	20,042.7 + (14.9)	8,741.0 + (15.5)	2,732.0 + (96.6)	203,320.3+ (418.8)
Maximum Mean Daily Inflow	488.4	205.0	588.8	121.4	9,028.1
Minimum Mean Daily Inflow	204.9	164.0	125.5	85.7	11.6
Storage Change	− 241.	− 10,450.	+ 4,633.	+ 3,437.	+ 3,860. (4)

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,407.3	feet	on	1/2/66	Storage	21,744.	Acre Feet		
Min. W. S. Elev.	1,250. ±	feet	on	VARIOUS DAYS	Storage	7. ±	Acre Feet		
Max. Peak Inf.	27,176.	C. F. S. from	3:00 P.M. on	12/29/65	to	4:00 P.M.	on	12/29/65	
Max. Peak Outf.	9,135.	C. F. S. from	2:00 A.M. on	11/23/65	to	6:00 A.M.	on	11/23/65	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
O. R. WATKINS	Dam Tender	Gage Hts. copied	FES FM	
E. K. DE VORE	Hydrographer	Storage applied	FES FM	
	Hydrographer	Inf. & Outf. comp.	FES FM	

REMARKS (1) STORAGE TABLE IN ERROR. INFLOWS COMPUTED FROM STATIONS P3-R AND P4B-R.
(3) 1,381. ACRE-FEET LOSS DUE TO SILTATION. TABLE XXI, APRIL 1966, BEGINNING APRIL 24, 1966.
(4) 1,483. ACRE FEET CUMULATIVE LOSS DUE TO SILTATION. ( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-600 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN GABRIEL Dam

In San Gabriel Canyon for the Year Ending September 30, 19 66

On

Continuous Water Stage Recorder Au

Drainage Area 202.7 Square Miles. Capacity of Reservoir 42,075. Ac. Ft. at Spillway Elev. 1,453.0 Ft. as of April 19 66 Gage Heights Read Daily

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C.F.S. Inflow	JUNE C.F.S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C.F.S. Inflow	JULY C.F.S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C.F.S. Inflow	AUGUST C.F.S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C.F.S. Inflow	SEPTEMBER C.F.S. Outflow	Day
1	1,361.22	8,144	85.6	50.1	1,361.37	8,175	59.8	68.2	1,357.39	7,375	43.8	50.4	1,351.97	6,362	34.6	51.0	1
2	1,361.53	8,208	84.7	50.1	1,361.32	8,164	58.1	60.6	1,357.28	7,354	41.8	50.4	1,351.80	6,332	37.6	50.8	2
3	1,361.84	8,272	84.2	49.6	1,361.26	8,152	57.8	60.9	1,357.17	7,332	41.7	50.4	1,351.57	6,291	32.5	50.7	3
4	1,362.12	8,330	81.6	49.9	1,361.18	8,135	55.4	60.9	1,357.03	7,305	39.0	50.4	1,351.35	6,252	33.1	50.6	4
5	1,362.39	8,388	81.8	50.3	1,361.24	8,943	54.4	148.0	1,356.90	7,280	40.5	50.4	1,351.13	6,213	32.7	50.4	5
6	1,362.63	8,439	73.6	50.2	1,361.17	7,929	56.3	59.9	1,356.77	7,254	39.8	50.4	1,350.90	6,173	32.2	50.4	6
7	1,362.90	8,496	81.3	50.2	1,361.06	7,906	52.0	60.9	1,356.60	7,222	36.5	50.4	1,350.63	6,126	33.5	54.9	7
8	1,363.02	8,521	80.4	66.3	1,359.95	7,884	53.1	61.0	1,356.46	7,195	39.2	50.4	1,350.32	6,072	32.6	57.6	8
9	1,363.09	8,536	84.8	75.9	1,359.83	7,860	52.0	61.0	1,356.31	7,167	39.0	50.4	1,349.98	6,014	31.6	57.6	9
10	1,363.12	8,543	81.4	76.0	1,359.72	7,833	53.5	61.0	1,356.17	7,140	39.4	50.5	1,349.64	5,955	30.1	57.6	10
11	1,363.12	8,543	79.2	76.1	1,359.58	7,810	50.5	61.0	1,356.01	7,109	37.0	50.5	1,349.32	5,901	32.0	57.5	11
12	1,363.10	8,538	76.1	76.4	1,359.45	7,783	51.1	61.0	1,355.88	7,084	40.7	50.5	1,349.00	5,846	32.0	57.5	12
13	1,363.08	8,534	77.0	75.9	1,359.32	7,757	51.1	61.2	1,355.71	7,052	37.1	50.5	1,348.68	5,793	33.9	57.5	13
14	1,363.04	8,526	73.5	75.3	1,359.19	7,731	51.1	61.2	1,355.55	7,022	37.8	50.5	1,348.36	5,739	33.4	57.4	14
15	1,362.99	8,515	71.4	75.1	1,359.06	7,705	51.1	61.2	1,355.36	6,985	34.4	50.5	1,348.01	5,681	30.6	57.3	15
16	1,362.94	8,504	71.8	75.1	1,358.88	7,669	46.6	61.2	1,355.17	6,949	34.8	50.5	1,347.67	5,625	30.8	57.1	16
17	1,362.99	8,494	73.1	75.1	1,358.73	7,640	50.1	61.2	1,355.00	6,917	36.7	50.5	1,347.33	5,569	30.6	57.1	17
18	1,362.82	8,479	70.7	75.1	1,358.62	7,618	46.6	54.6	1,354.80	6,880	34.3	50.5	1,347.00	5,515	31.6	57.1	18
19	1,362.74	8,462	69.6	75.1	1,358.54	7,602	44.8	50.6	1,354.63	6,849	36.7	50.5	1,346.74	5,473	37.2	57.1	19
20	1,362.66	8,445	68.7	75.1	1,358.48	7,590	46.9	50.5	1,354.45	6,815	36.2	50.5	1,346.48	5,432	38.1	57.1	20
21	1,362.56	8,424	66.9	75.1	1,358.40	7,574	44.6	50.4	1,354.27	6,781	35.8	50.3	1,346.19	5,385	35.1	57.1	21
22	1,362.48	8,407	69.0	75.1	1,358.32	7,558	44.8	50.4	1,354.07	6,744	34.0	50.1	1,345.87	5,335	33.8	57.1	22
23	1,362.39	8,388	67.7	75.1	1,358.23	7,541	45.1	50.4	1,353.88	6,709	35.3	50.1	1,345.53	5,281	31.4	57.1	23
24	1,362.30	8,369	67.9	75.1	1,358.12	7,519	41.5	50.4	1,353.67	6,671	33.7	50.1	1,345.17	5,225	30.8	57.1	24
25	1,362.20	8,347	66.3	75.1	1,358.02	7,499	42.8	50.4	1,353.45	6,630	31.9	50.1	1,344.83	5,172	32.3	57.0	25
26	1,362.09	8,324	66.0	75.1	1,357.93	7,481	43.7	50.4	1,353.23	6,590	32.9	50.1	1,344.49	5,119	31.7	56.9	26
27	1,361.95	8,295	63.3	75.0	1,357.82	7,460	42.2	50.4	1,353.01	6,550	32.2	50.0	1,344.12	5,062	29.7	56.8	27
28	1,361.80	8,264	62.1	74.9	1,357.72	7,440	42.6	50.4	1,352.80	6,512	33.4	50.0	1,343.78	5,011	32.2	56.7	28
29	1,361.65	8,233	62.2	74.7	1,357.63	7,422	42.7	50.4	1,352.60	6,476	34.1	50.0	1,343.47	4,964	34.0	56.7	29
30	1,361.48	8,197	53.8	74.7	1,357.58	7,413	47.4	50.4	1,352.37	6,434	34.1	52.9	1,343.17	4,919	35.1	56.7	30
31					1,357.48	7,393	42.3	50.4	1,352.17	6,398	35.2	50.8					31
TOTAL			2,203.7	2,072.8			1,522.0	1,840.5			1,139.0	1,563.6			986.8	1,673.5	
Inf. Ac. Ft.			4,371.0				3,018.8				2,259.2				1,957.3	220,688.7	
Outf. Ac. Ft.			4,111.3 + (140.6)				3,650.6 + (172.4)				3,101.3 + (152.9)				3,319.3 + (111.0)	217,502.8+(1,001.7)	
Maximum Mean Daily Inflow			85.6				59.8				43.8				38.1	9,028.1	
Minimum Mean Daily Inflow			58.8				41.5				31.9				29.7	11.6	
Storage Change		+ 119.				- 804.				- 995.				- 1,479.		+ 701. (4)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,407.3	feet	on	1/22/66	Storage	21,744.	Acre Feet			
Min. W. S. Elev.	1,250.±	feet	on	VARIOUS DAYS	Storage	7.±	Acre Feet			
Max. Peak Inf.	27,176.	C. F. S. from		3:00 P.M.	on	12/29/65	to	4:00 P.M.	on	12/29/65
Max. Peak Outf.	9,135.	C. F. S. from		2:00 A.M.	on	11/23/65	to	6:00 A.M.	on	11/23/65

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
O. R. WATKINS	Dam Tender	Gage Hts. copied	FES	FM
E. K. DE VORE	Hydrographer	Storage applied	FES	FM
	Hydrographer	Inf. & Outf. comp.	FES	FM

REMARKS (4) 1,483. ACRE-FEET LOSS DUE TO SILTATION.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-600 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN GABRIEL Dam

In San Gabriel Canyon for the Year Ending September 30, 19 67

On

Continuous Water Stage Recorder Au

Drainage Area 202.7 Square Miles. Capacity of Reservoir 42,075. Ac. Ft. at Spillway Elev. 1,453.0 Ft. as of April 19 66 Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	1,342.83	4,868	31.8	56.5	1,321.90	2,323	31.4	75.6	1,330.90	3,274	42.1	49.7	1,359.68	7,832	173.1	82.9	1
2	1,342.51	4,820	33.5	56.6	1,320.91	2,230	29.5	75.5	1,331.05	3,292	58.8	49.7	1,360.41	7,978	157.7	83.1	2
3	1,342.25	4,782	39.4	57.5	1,320.41	2,184	29.7	52.4	1,347.64	5,620	1,203.9	30.2	1,359.58	7,810	158.9	242.4	3
4	1,341.95	4,738	36.3	57.4	1,320.42	2,185	30.6	29.5	1,351.62	6,300	343.4	0.6	1,359.08	7,709	150.1	200.1	4
5	1,341.50	4,672	36.5	68.7	1,320.45	2,187	30.8	29.5	1,362.52	8,415	1,067.0	0.6	1,359.78	7,850	154.2	82.7	5
6	1,340.96	4,593	36.7	75.5	1,320.49	2,191	31.9	29.5	1,400.55	18,955	6,698.5	1,384.6	1,360.44	7,984	151.3	82.8	6
7	1,340.38	4,511	35.2	75.5	1,326.00	2,728	299.0	28.3	1,415.24	24,375	3,285.3	550.8	1,361.00	8,098	141.3	82.8	7
8	1,339.80	4,429	35.8	75.5	1,328.73	3,023	150.1	1.0	1,422.50	27,361	1,507.8	0.8	1,361.53	8,208	140.2	83.1	8
9	1,339.18	4,342	32.9	75.5	1,329.98	3,166	79.2	6.5	1,427.18	29,393	1,027.9	0.9	1,362.03	8,311	136.2	83.1	9
10	1,338.58	4,259	34.3	75.5	1,331.02	3,288	63.0	0.9	1,428.08	29,793	704.0	500.5	1,362.50	8,411	134.1	82.5	10
11	1,338.00	4,179	35.7	75.5	1,331.70	3,370	54.4	12.4	1,426.54	29,111	644.5	985.5	1,362.93	8,502	129.2	82.2	11
12	1,337.39	4,097	35.0	75.4	1,332.20	3,431	50.8	19.4	1,424.72	28,315	566.2	965.5	1,363.34	8,590	127.9	82.2	12
13	1,336.82	4,020	38.0	74.9	1,332.63	3,483	46.5	19.4	1,422.98	27,565	489.8	865.5	1,363.74	8,676	126.5	82.2	13
14	1,336.21	3,940	36.3	74.6	1,333.04	3,534	45.6	19.4	1,420.82	26,651	441.6	900.5	1,364.10	8,754	123.0	82.2	14
15	1,335.56	3,855	33.6	74.6	1,333.10	3,542	43.9	39.5	1,418.21	25,570	439.9	981.9	1,364.43	8,827	120.1	82.3	15
16	1,334.88	3,767	31.9	74.6	1,332.99	3,528	43.8	50.7	1,407.45	21,397	374.0	2,475.3	1,364.75	8,897	119.3	82.7	16
17	1,334.20	3,680	32.7	74.6	1,332.86	3,512	42.6	50.1	1,385.79	14,295	355.6	3,933.8	1,365.04	8,961	116.2	82.7	17
18	1,333.50	3,592	32.0	74.4	1,332.75	3,498	43.6	50.1	1,362.79	8,472	318.9	3,253.1	1,365.32	9,023	115.6	82.7	18
19	1,332.78	3,502	30.6	74.1	1,332.61	3,481	42.2	50.1	1,365.20	8,997	341.2	75.1	1,365.58	9,081	113.0	82.7	19
20	1,332.07	3,415	31.4	74.3	1,332.49	3,466	43.1	50.1	1,365.98	9,171	301.7	213.2	1,365.83	9,137	111.6	82.4	20
21	1,331.34	3,327	31.7	75.0	1,332.36	3,450	42.4	50.0	1,365.72	9,113	251.4	279.9	1,366.05	9,186	106.5	81.7	21
22	1,330.59	3,238	32.1	75.6	1,332.23	3,434	42.2	49.8	1,366.53	9,294	243.1	150.3	1,369.21	9,904	444.1	82.1	22
23	1,329.81	3,146	30.4	75.6	1,332.12	3,421	43.9	49.8	1,367.69	9,556	214.3	80.7	1,371.71	10,487	375.7	81.8	23
24	1,329.00	3,053	30.1	75.6	1,331.96	3,401	40.3	49.8	1,368.93	9,839	224.8	80.9	1,377.07	11,839	1,155.1	473.5	24
25	1,328.19	2,963	31.5	75.6	1,331.81	3,383	41.5	49.8	1,369.92	10,068	197.3	81.0	1,372.90	10,773	844.3	1,380.7	25
26	1,327.34	2,870	29.5	75.2	1,331.64	3,363	40.4	49.8	1,370.84	10,282	190.4	81.2	1,368.83	9,816	541.9	1,023.3	26
27	1,326.34	2,764	30.4	83.3	1,331.46	3,341	39.5	49.8	1,371.67	10,478	184.9	84.5	1,365.08	8,970	444.1	869.7	27
28	1,325.50	2,676	31.9	75.6	1,331.30	3,322	40.3	49.8	1,369.10	9,878	225.1	526.1	1,361.91	8,286	524.9	868.8	28
29	1,324.65	2,590	33.2	75.5	1,331.17	3,306	42.1	49.7	1,362.29	8,366	143.4	904.6	1,358.47	7,588	515.6	867.2	29
30	1,323.76	2,502	31.9	75.1	1,331.03	3,290	42.3	49.7	1,357.88	7,471	176.9	626.6	1,355.05	6,926	518.8	851.2	30
31	1,322.84	2,413	31.2	75.0					1,358.81	7,655	177.8	83.6	1,353.55	6,649	611.6	750.7	31
TOTAL			1,033.5	2,258.3			1,646.6	1,187.9			22,441.5	20,197.2			8,782.1	9,260.5	
Inf. Ac. Ft.			2,049.9				3,266.0				44,512.0				17,419.0	67,246.9	
Outf. Ac. Ft.			4,479.3 + (76.6)				2,356.2 + (32.7)				40,050.5 + (86.5)				18,367.8 + (57.1)	65,263.9 + (252.9)	
Maximum Mean Daily Inflow			39.4				299.0				6,698.5				1,155.1	6,698.5	
Minimum Mean Daily Inflow			29.5				29.5				42.1				106.5	29.5	
Storage Change		-2,506.				+ 877.				+ 4,365.				- 1,006.		+ 1,730.	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,428.68	feet	on	12/10/66	Storage	30,061.	Acre Feet			
Min. W. S. Elev.	1,320.40.	feet	on	11/3/66	Storage	2,189.	Acre Feet			
Max. Peak Inf.	12,417.	C. F. S. from		5:30 P.M.	on	12/6/66	to	6:00 P.M.	on	12/6/66
Max. Peak Outf.	5,090.	C. F. S. from		7:42 P.M.	on	12/6/66	to	9:00 P.M.	on	12/6/66

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
O. R. WATKINS	Dam Tender	Gage Hts. copied	SEB	FM
E. K. DE VORE	Hydrographer	Storage applied	FES	FM
	Hydrographer	Inf. & Outf. comp.	FES	FM

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D138N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN GABRIEL Dam

In ~~On~~ San Gabriel Canyon for the Year Ending September 30, 19 67

Continuous Water Stage Recorder Au

Drainage Area 202.7 Square Miles. Capacity of Reservoir 42,075. Ac. Ft. at Spillway Elev. 1,453.0 Ft. as of April 19 66

Gage Heights Read Daily

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	1,353.52	6,643	551.0	553.3	1,360.46	7,988	166.7	103.5	1,351.75	6,323	398.9	420.8	1,370.27	10,149	805.0	626.6	1
2	1,352.71	6,496	494.0	566.8	1,360.87	8,071	159.3	116.1	1,351.21	6,227	361.0	408.2	1,371.88	10,528	795.4	602.6	2
3	1,352.92	6,534	421.9	401.2	1,360.87	8,071	140.8	140.2	1,350.26	6,062	324.9	407.0	1,373.11	10,824	753.6	602.9	3
4	1,353.37	6,616	413.4	371.1	1,360.46	7,988	147.7	189.2	1,350.51	6,105	432.5	410.7	1,374.07	11,063	725.2	603.3	4
5	1,353.63	6,663	388.9	364.1	1,359.92	7,878	136.2	189.9	1,351.41	6,263	435.8	355.0	1,375.17	11,342	711.6	570.1	5
6	1,354.39	6,804	353.2	280.9	1,359.38	7,769	130.7	184.2	1,351.60	6,296	377.1	359.8	1,376.17	11,602	682.8	549.8	6
7	1,355.27	6,968	288.6	204.8	1,358.82	7,657	130.7	185.7	1,352.45	6,448	448.3	371.3	1,377.11	11,849	680.6	553.3	7
8	1,355.93	7,094	269.7	204.7	1,358.21	7,537	122.2	181.8	1,352.80	6,512	428.2	394.6	1,378.40	12,197	710.3	533.2	8
9	1,356.53	7,209	259.9	201.0	1,357.58	7,413	120.8	182.4	1,354.75	6,871	486.4	304.4	1,380.07	12,656	752.4	520.5	9
10	1,357.07	7,313	252.9	199.4	1,356.98	7,295	123.0	181.6	1,354.13	6,755	292.5	351.0	1,381.97	13,191	793.9	522.6	10
11	1,357.53	7,403	246.8	200.1	1,356.86	7,272	179.0	190.6	1,356.53	7,209	621.0	392.1	1,383.52	13,634	758.6	533.3	11
12	1,357.92	7,479	239.7	200.1	1,359.90	7,874	520.4	216.9	1,357.85	7,466	523.1	392.5	1,384.90	14,034	755.1	552.0	12
13	1,358.25	7,544	233.5	199.9	1,368.95	9,844	1,238.9	245.7	1,359.20	7,733	502.7	367.3	1,386.03	14,366	730.7	560.3	13
14	1,358.71	7,636	246.4	199.4	1,374.78	11,242	1,387.4	681.0	1,360.60	8,016	502.1	358.7	1,386.91	14,626	699.4	563.6	14
15	1,359.28	7,749	257.3	198.9	1,379.59	12,543	1,203.6	557.0	1,361.61	8,224	456.0	350.1	1,387.69	14,859	692.0	570.9	15
16	1,359.42	7,777	213.6	198.1	1,383.30	13,570	1,089.2	560.2	1,362.49	8,409	448.7	354.1	1,388.45	15,088	699.3	580.3	16
17	1,359.50	7,794	208.0	197.8	1,383.40	13,599	718.5	703.1	1,361.00	8,098	441.3	596.9	1,389.21	15,318	702.3	583.7	17
18	1,359.51	7,796	199.9	197.8	1,383.22	13,547	761.3	786.8	1,358.00	7,495	630.4	932.7	1,389.89	15,525	691.7	585.3	18
19	1,359.49	7,791	196.4	197.8	1,381.41	13,032	514.7	773.1	1,351.56	6,289	592.2	1,200.0	1,390.52	15,719	685.0	585.3	19
20	1,359.40	7,773	190.1	197.8	1,378.51	12,227	438.5	843.0	1,342.93	4,883	526.0	1,234.4	1,391.06	15,886	672.4	585.3	20
21	1,359.25	7,743	184.6	197.8	1,374.08	11,065	323.8	908.3	1,341.30	4,643	786.7	907.7	1,391.52	16,029	660.2	585.3	21
22	1,359.03	7,699	177.5	197.6	1,367.95	9,615	283.5	1,013.0	1,349.52	5,935	1,269.4	617.2	1,391.92	16,153	642.6	577.0	22
23	1,358.80	7,653	175.6	197.3	1,360.56	8,008	225.8	1,034.9	1,352.59	6,474	964.7	692.4	1,391.72	16,091	531.8	560.3	23
24	1,358.88	7,669	168.7	160.1	1,357.70	7,436	364.7	651.6	1,355.33	6,978	926.5	671.9	1,391.34	15,973	506.6	563.6	24
25	1,359.29	7,751	179.4	137.8	1,357.30	7,358	386.1	424.2	1,357.52	7,401	910.2	695.6	1,390.88	15,830	495.3	565.3	25
26	1,358.99	7,691	167.2	196.2	1,356.70	7,241	364.1	422.2	1,359.62	7,818	932.8	721.1	1,390.31	15,654	478.5	565.3	26
27	1,359.21	7,735	166.6	143.1	1,355.89	7,086	345.0	421.7	1,361.88	8,280	827.4	593.2	1,389.62	15,443	460.9	565.3	27
28	1,359.86	7,866	165.4	98.2	1,354.96	6,910	327.9	416.0	1,364.66	8,877	835.4	533.1	1,388.85	15,209	449.0	565.3	28
29					1,353.95	6,713	318.8	416.0	1,367.19	9,442	902.5	616.7	1,387.93	14,931	441.4	580.3	29
30					1,352.76	6,505	303.4	408.2	1,368.76	9,800	796.3	613.2	1,387.07	14,674	457.1	585.3	30
31					1,352.00	6,367	355.3	423.7					1,386.26	14,434	470.5	590.3	31
TOTAL			7,310.2	6,663.1			13,028.0	13,751.8			18,381.0	16,623.7			20,091.2	17,688.2	

	February	March	April	May	
Inf. Ac. Ft.	14,499.6	25,840.6	36,458.2	39,850.2	183,895.5
Outf. Ac. Ft.	13,216.1 + (66.4)	27,276.3 + (63.3)	32,972.6 + (52.6)	35,084.0 + (132.3)	173,812.9 + (567.5)
Maximum Mean Daily Inflow	551.0	1,387.4	1,269.4	805.0	6,698.5
Minimum Mean Daily Inflow	165.4	102.2	292.5	441.4	29.5
Storage Change	+ 1,217.	– 1,499.	+ 3,433.	+ 4,634.	+ 9515.

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,428.68	feet	on	12/10/66	Storage	30,061.	Acre Feet		RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,320.40	feet	on	11/3/66	Storage	2,183.	Acre Feet		O. R. WATKINS	Dam Tender	Gage Hts. copied	SEB FM
Max. Peak Inf.	12,417.	C. F. S. from	5:30 P.M.	on 12/6/66	to	6:00 P.M.	on	12/6/66	E. K. DE VORE	Hydrographer	Storage applied	FES FM
Max. Peak Outf.	5,090.	C. F. S. from	7:42 P.M.	on 12/6/66	to	9:00 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	FES FM

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D138N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN GABRIEL Dam

In ~~On~~ San Gabriel Canyon for the Year Ending September 30, 19 67

Continuous Water Stage Recorder Au

Drainage Area 202.7 Square Miles. Capacity of Reservoir 42,075. Ac. Ft. at Spillway Elev. 1,453.0 Ft. as of April 19 66

Gage Heights Read Daily

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	1,385.22	14,128	433.7	585.3	1,360.80	8,057	198.0	278.0	1,312.08	1,486	127.4	220.0	1,330.41	3,216	102.9	90.0	1
2	1,384.07	13,792	416.7	583.6	1,359.97	7,888	194.5	278.0	1,312.53	1,521	152.9	134.4	1,330.71	3,252	108.8	90.0	2
3	1,382.76	13,418	394.5	580.3	1,359.11	7,715	192.9	278.0	1,316.00	1,799	174.8	33.8	1,331.02	3,288	109.1	90.0	3
4	1,381.40	13,029	386.8	580.3	1,358.26	7,546	195.0	278.0	1,317.33	1,911	147.7	90.3	1,331.24	3,315	104.4	90.0	4
5	1,379.98	12,630	378.3	576.8	1,357.38	7,373	189.9	275.0	1,318.45	2,009	140.3	89.9	1,331.40	3,334	101.5	90.4	5
6	1,378.61	12,254	377.6	565.0	1,356.46	7,195	184.3	272.0	1,319.40	2,093	139.2	95.7	1,331.52	3,348	98.9	90.5	6
7	1,377.06	11,836	362.7	571.7	1,355.65	7,040	178.2	254.2	1,320.32	2,175	136.8	94.7	1,331.63	3,362	99.2	90.7	7
8	1,375.53	11,435	368.8	570.0	1,354.96	6,910	175.2	238.0	1,321.18	2,255	136.3	95.1	1,331.73	3,374	98.0	90.7	8
9	1,373.97	11,038	370.9	570.0	1,354.23	6,774	172.0	237.7	1,321.93	2,325	131.4	95.1	1,331.82	3,384	97.2	90.7	9
10	1,372.30	10,628	364.3	570.0	1,353.34	6,610	164.6	244.7	1,322.58	2,388	128.9	95.8	1,331.88	3,392	96.3	90.8	10
11	1,370.62	10,230	367.4	566.7	1,352.20	6,403	158.1	260.0	1,323.15	2,443	126.4	97.4	1,331.92	3,396	94.2	90.8	11
12	1,369.46	9,961	347.8	482.9	1,350.96	6,183	150.7	259.3	1,323.68	2,494	125.8	98.7	1,331.92	3,396	92.0	90.8	12
13	1,369.08	9,873	306.6	350.0	1,349.77	5,978	156.9	258.3	1,324.17	2,542	121.3	95.7	1,331.98	3,404	95.8	90.8	13
14	1,368.90	9,832	330.9	350.0	1,348.54	5,769	154.0	257.3	1,324.71	2,596	123.8	95.1	1,331.98	3,404	92.3	90.8	14
15	1,368.50	9,740	305.0	350.0	1,347.17	5,543	144.4	256.3	1,325.25	2,651	122.9	94.1	1,331.93	3,398	89.3	90.8	15
16	1,367.93	9,610	285.5	350.0	1,345.71	5,309	139.6	255.3	1,325.86	2,714	126.6	93.6	1,331.90	3,394	89.8	90.8	16
17	1,367.28	9,463	269.9	343.0	1,344.21	5,076	138.4	253.7	1,326.33	2,763	124.1	97.9	1,331.89	3,393	90.9	90.3	17
18	1,366.58	9,305	254.7	333.0	1,342.57	4,829	130.4	252.7	1,326.72	2,804	120.2	97.9	1,331.94	3,399	93.1	89.3	18
19	1,366.17	9,213	262.2	306.5	1,340.85	4,578	127.3	251.7	1,327.06	2,840	117.6	97.9	1,332.40	3,455	109.5	80.1	19
20	1,365.89	9,150	270.3	300.0	1,339.08	4,328	126.8	250.7	1,327.37	2,873	116.0	98.1	1,333.08	3,539	120.0	77.1	20
21	1,365.76	9,121	254.8	267.5	1,337.20	4,071	122.1	250.0	1,327.62	2,901	113.7	98.4	1,333.80	3,629	124.3	77.9	21
22	1,365.58	9,081	247.6	266.2	1,335.27	3,817	117.8	243.7	1,328.22	2,966	113.9	79.7	1,334.47	3,714	123.1	78.7	22
23	1,365.21	8,999	241.3	280.0	1,333.17	3,550	109.3	242.3	1,328.87	3,039	116.4	78.2	1,335.10	3,795	120.3	78.8	23
24	1,364.83	8,915	240.1	280.0	1,331.04	3,291	112.0	241.0	1,329.18	3,074	114.5	95.3	1,335.71	3,874	119.4	78.8	24
25	1,364.37	8,813	231.1	280.0	1,328.92	3,044	114.2	237.3	1,329.37	3,096	109.8	97.1	1,336.32	3,954	120.1	79.0	25
26	1,363.89	8,708	223.6	273.0	1,326.75	2,807	118.3	236.3	1,329.48	3,108	107.8	99.9	1,336.91	4,032	119.6	79.4	26
27	1,363.34	8,590	213.5	270.0	1,324.49	2,574	113.5	229.7	1,329.52	3,113	104.7	100.1	1,337.46	4,106	117.9	79.4	27
28	1,362.79	8,472	211.2	268.0	1,322.17	2,348	116.5	229.3	1,329.64	3,127	102.6	93.4	1,338.05	4,186	120.4	79.7	28
29	1,362.19	8,345	206.1	268.0	1,319.60	2,110	108.4	227.3	1,329.83	3,148	101.7	88.9	1,338.60	4,262	119.0	79.7	29
30	1,361.59	8,220	206.8	268.0	1,316.90	1,875	106.2	223.7	1,330.01	3,169	101.4	89.2	1,339.14	4,337	118.1	79.4	30
31					1,314.43	1,671	118.9	221.0	1,330.20	3,192	103.3	90.0					31
TOTAL			9,130.7	12,205.8			4,528.4	7,770.5			3,830.2	3,021.4			3,185.4	2,576.2	

	June	July	August	September	
Inf. Ac. Ft.	18,110.5	8,981.9	7,597.1	6,318.1	224,903.1
Outf. Ac. Ft.	24,209.8 + (114.6)	15,412.6 + (118.4)	5,992.8 + (83.3)	5,109.8 + (63.3)	224,537.9 + (947.1)
Maximum Mean Daily Inflow	443.7	198.0	174.8	124.3	6,698.5
Minimum Mean Daily Inflow	206.1	106.2	101.4	89.3	29.5
Storage Change	– 6,214.	– 6,549.	+ 1,521.	+ 1,145.	– 582.

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,428.68	feet	on	12/10/66	Storage	30,061.	Acre Feet		RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,320.40.	feet	on	11/3/66	Storage	2,183.	Acre Feet		O. R. WATKINS	Dam Tender	Gage Hts. copied	SEB FM
Max. Peak Inf.	12,417.	C. F. S. from	5:30 P.M.	on 12/6/66	to	6:00 P.M.	on	12/6/66	E. K. DE VORE	Hydrographer	Storage applied	FES FM
Max. Peak Outf.	5,090.	C. F. S. from	7:42 P.M.	on 12/6/66	to	9:00 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	FES FM

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D136N-6BB 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of BIG DALTON Dam

In ~~Dr~~ Big Dalton Canyon for the Year Ending September 30, 1966

Drainage Area 4.49 Square Miles. Capacity of Reservoir 752.5 / 868.7 Ac. Ft. at Spillway Elev. 1,706.0 Ft. as of AUGUST 1966 / JANUARY 1962

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	NOVEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	DECEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	JANUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	1,668.2	207.8	0	0	1,668.3	209.0	0.1	0	1,689.6	529.0	5.3	11.6	1,688.5	410.0	16.5	11.4	1
2	1,668.2	207.8	0	0	1,668.3	209.0	0.1	0	1,688.9	516.4	4.9	11.2	1,688.8	414.9	14.1	11.4	2
3	1,668.2	207.8	0	0	1,668.3	209.0	0.1	0	1,688.0	500.4	3.3	11.2	1,687.6	395.5	10.3	19.9	3
4	1,668.2	207.8	0	0	1,668.3	209.0	0.1	0	1,687.2	486.4	3.8	10.8	1,684.8	352.1	9.3	31.0	4
5	1,668.2	207.8	0	0	1,668.3	209.0	0.1	0	1,686.2	469.1	2.2	10.8	1,683.4	331.5	9.7	20.0	5
6	1,668.2	207.8	0	0	1,668.3	209.0	0.1	0	1,685.2	452.1	2.5	11.0	1,683.0	325.7	9.2	12.0	6
7	1,668.2	207.8	0	0	1,668.3	209.0	0.1	0	1,684.2	435.4	2.7	11.0	1,682.5	318.6	8.5	12.0	7
8	1,668.2	207.8	0	0	1,668.3	209.0	0.1	0	1,683.1	417.4	2.0	11.0	1,682.0	311.6	8.4	11.8	8
9	1,668.2	207.8	0	0	1,668.4	210.2	0.6	0	1,682.4	406.1	5.5	11.2	1,681.4	303.4	7.7	11.8	9
10	1,668.2	207.8	0	0	1,668.4	210.2	0.1	0	1,681.4	390.3	3.3	11.2	1,680.6	292.5	6.4	11.8	10
11	1,668.2	207.8	0	0	1,668.4	210.2	0.1	0	1,680.3	373.2	2.3	11.0	1,679.8	281.9	6.2	11.6	11
12	1,668.2	207.8	0	0	1,668.4	210.2	0.1	0	1,679.6	362.5	5.5	10.8	1,679.0	271.5	6.4	11.6	12
13	1,668.2	207.8	0	0	1,668.4	210.2	0.1	0	1,678.6	347.4	2.7	10.4	1,678.2	261.3	6.2	11.4	13
14	1,668.3	209.0	0.6	0	1,668.5	211.4	0.6	0	1,677.5	331.2	2.1	10.2	1,677.1	247.6	4.5	11.4	14
15	1,668.3	209.0	0	0	1,668.6	212.6	0.6	0	1,676.4	315.3	1.8	9.8	1,676.0	234.4	4.8	11.4	15
16	1,668.3	209.0	0	0	1,668.8	215.0	1.2	0	1,675.2	298.4	1.1	9.7	1,675.1	224.0	5.9	11.2	16
17	1,668.3	209.0	0	0	1,669.7	226.0	5.7	0.1	1,673.9	280.6	0.9	9.7	1,674.0	211.5	4.9	11.2	17
18	1,668.3	209.0	0	0	1,669.5	223.6	4.4	5.6	1,672.6	263.2	0.8	9.5	1,672.9	199.5	5.0	11.0	18
19	1,668.3	209.0	0	0	1,668.0	205.4	1.0	10.2	1,671.3	246.3	1.1	9.5	1,671.6	185.9	4.1	11.0	19
20	1,668.3	209.0	0	0	1,667.6	200.7	1.0	3.4	1,670.8	239.9	2.4	5.6	1,671.4	183.9	5.2	6.2	20
21	1,668.3	209.0	0	0	1,667.8	203.1	1.2	+	1,671.2	245.0	2.7	0.1	1,671.4	183.9	4.0	4.0	21
22	1,668.3	209.0	0	0	1,682.3	404.5	112.6	11.0	1,671.8	252.7	4.0	0.1	1,671.5	184.9	4.4	3.9	22
23	1,668.3	209.0	0	0	1,686.3	470.9	65.4	32.0	1,672.3	259.3	3.4	0.1	1,671.5	184.9	3.8	3.8	23
24	1,668.3	209.0	0	0	1,689.0	518.2	46.9	23.0	1,672.8	265.9	3.5	0.1	1,671.5	184.9	3.8	3.8	24
25	1,668.3	209.0	0	0	1,690.5	545.4	36.7	23.0	1,673.3	272.5	3.4	0.1	1,671.4	183.9	3.2	3.7	25
26	1,668.3	209.0	0	0	1,691.1	556.5	22.5	16.9	1,673.7	277.9	2.8	0.1	1,671.8	188.0	4.1	2.0	26
27	1,668.3	209.0	0	0	1,691.3	560.2	14.1	12.2	1,674.1	283.3	2.8	0.1	1,672.4	194.2	3.2	0.1	27
28	1,668.3	209.0	0	0	1,691.3	560.2	12.3	12.2	1,673.4	273.9	1.1	5.8	1,673.0	200.6	3.3	0.1	28
29	1,668.3	209.0	0	0	1,690.9	552.8	9.3	12.0	1,682.5	318.6(1)	82.7	15.2	1,673.6	207.1	3.4	0.1	29
30	1,668.3	209.0	0	0	1,690.3	541.7	6.3	11.8	1,686.5	378.1	39.1	9.1	1,674.6	218.3	5.8	0.2	30
31	1,668.3	209.0	0	0					1,687.9	400.3	22.6	11.4	1,675.2	225.1	3.6	0.1	31
TOTAL			0.6	0			342.6	173.4			224.3	249.4			195.9	282.9	
Inf. Ac. Ft.			1.2				679.5				444.9				388.6	1,514.2	
Outf. Ac. Ft.			0				343.9 + (3.0)				494.7 + (2.4)				561.1 + (2.6)	1,399.7 + (8.0)	
Maximum Mean Daily Inflow			0.6				112.6				82.7				16.5	112.6	
Minimum Mean Daily Inflow			0				0.1				0.6				3.2	0	
Storage Change	+ 1.2				+ 332.7				− 141.4				− 175.2			+ 17.3 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,691.6	feet	on	11/28/65	Storage	565.8	Acre Feet			
Min. W. S. Elev.	1,667.4	feet	on	11/20/65	Storage	198.4	Acre Feet			
Max. Peak Inf.	489.	C. F. S. from	5:00 P.M.	on 11/22/65	to	6:00 P.M.	on	11/22/65		
Max. Peak Outf.	40.	C. F. S. from	1:30 A.M.	on 11/23/65	to	4:00 A.M.	on	11/23/65		

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
G. M. THRASHER	Dam Tender	Gage Hts. copied	JAS	RAP
R. L. BROOK	Hydrographer	Storage applied	JAS	RAP
	Hydrographer	Inf. & Outf. comp.	JAS	RAP

REMARKS (1) 89.2 ACRE-FEET LOSS DUE TO SILTATION. CHANGE TO STORAGE TABLE XI.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
+ = 0.05 CFS OR LESS.

76D136N-6BB 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of BIG DALTON Dam

In ~~Dr~~ Big Dalton Canyon for the Year Ending September 30, 1966

Drainage Area 4.49 Square Miles. Capacity of Reservoir 752.5 Ac. Ft. at Spillway Elev. 1,706.0 Ft. as of August 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MARCH Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	APRIL Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MAY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	1,675.8	232.1	3.6	0.1	1,668.5	155.8	4.4	11.6	1,680.7	293.9	2.0	0	1,686.3	375.0	1.6	0	1
2	1,676.3	238.0	3.1	0.1	1,668.5	155.8	4.0	4.0	1,680.9	296.6	1.4	0	1,686.5	378.1	1.6	0	2
3	1,676.8	244.0	3.1	0.1	1,669.1	161.4	3.1	0.2	1,681.2	300.6	2.0	0	1,686.6	379.7	0.9	0	3
4	1,677.2	249.9	2.6	0.1	1,669.8	168.1	3.5	0.2	1,681.4	303.4	1.4	0	1,686.7	381.2	0.9	0	4
5	1,677.7	255.1	3.2	0.1	1,670.3	172.9	2.6	0.1	1,681.6	306.1	1.4	0	1,686.8	382.8	0.9	0	5
6	1,679.4	276.7	11.3	0.4	1,670.9	178.8	3.0	0.1	1,681.9	310.2	2.0	0	1,687.0	385.9	1.7	0	6
7	1,681.2	300.6	13.3	1.2	1,671.4	183.9	2.7	0.1	1,682.1	313.0	1.4	0	1,687.1	387.5	0.9	0	7
8	1,682.3	315.8	8.2	0.6	1,671.8	188.0	2.2	0.1	1,682.4	317.2	2.2	0	1,687.2	389.1	0.9	0	8
9	1,683.0	325.7	5.5	0.4	1,672.3	193.2	2.7	0.1	1,682.5	318.6	0.7	0	1,687.3	390.7	0.9	0	9
10	1,683.8	337.3	6.4	0.4	1,672.8	198.5	2.7	0	1,682.7	321.5	1.5	0	1,687.4	392.3	0.9	0	10
11	1,684.5	347.6	5.6	0.3	1,673.3	203.9	2.7	0	1,683.0	325.7	2.2	0	1,687.6	395.5	1.7	0	11
12	1,685.0	355.1	4.1	0.3	1,673.7	208.2	2.2	0	1,683.2	328.6	1.6	0	1,687.8	398.7	1.7	0	12
13	1,685.6	364.2	4.9	0.2	1,674.1	212.6	2.2	0	1,683.4	331.5	1.6	0	1,687.9	400.3	0.9	0	13
14	1,686.2	373.4	5.0	0.2	1,674.5	217.2	2.3	0	1,683.6	334.4	1.5	0	1,688.0	401.9	0.9	0	14
15	1,686.0	370.3	4.8	6.3	1,674.9	221.7	2.3	0	1,683.8	337.3	1.6	0	1,688.1	403.5	0.9	0	15
16	1,684.8	352.1	3.5	12.6	1,675.3	226.3	2.3	0	1,683.9	338.8	0.9	0	1,688.2	405.2	1.0	0	16
17	1,683.8	337.3	4.9	12.2	1,675.7	230.9	2.3	0	1,684.1	341.7	1.5	0	1,688.3	406.8	0.9	0	17
18	1,682.8	322.9	4.8	12.0	1,676.1	235.6	2.4	0	1,684.3	344.7	1.6	0	1,688.4	408.4	0.9	0	18
19	1,681.7	307.5	4.3	12.0	1,676.4	239.2	1.8	0	1,684.5	347.6	1.6	0	1,688.6	411.7	1.0	0	19
20	1,680.6	292.5	4.6	12.0	1,676.8	244.0	2.5	0	1,684.7	350.6	1.6	0	1,688.6	411.7	0.9	0	20
21	1,679.3	275.4	3.5	12.0	1,677.1	247.6	1.9	0	1,684.8	352.1	0.9	0	1,688.7	413.3	0.9	0	21
22	1,678.1	260.1	4.0	11.8	1,677.5	252.6	2.6	0	1,685.0	355.1	1.6	0	1,688.8	414.9	0.9	0	22
23	1,676.9	245.2	4.3	11.8	1,677.8	256.3	2.0	0	1,685.1	356.6	0.8	0	1,688.9	416.6	0.9	0	23
24	1,675.6	229.8	4.1	11.8	1,678.2	261.3	2.6	0	1,685.3	359.7	1.7	0	1,689.0	418.2	0.9	0	24
25	1,674.2	213.8	3.7	11.8	1,678.6	266.4	2.7	0	1,685.5	362.7	1.7	0	1,689.1	419.9	1.0	0	25
26	1,672.9	199.5	4.8	12.0	1,679.9	270.2	2.0	0	1,685.6	364.2	1.0	0	1,689.2	421.5	0.9	0	26
27	1,671.5	184.9	4.4	11.8	1,679.2	274.1	2.1	0	1,685.8	367.3	1.7	0	1,689.3	423.2	1.0	0	27
28	1,670.0	170.0	4.3	11.8	1,679.5	278.0	2.2	0	1,685.9	368.8	1.0	0	1,689.4	424.8	0.9	0	28
29					1,679.9	283.2	2.8	0	1,686.0	370.3	0.9	0	1,689.5	426.5	0.9	0	29
30					1,680.2	287.2	2.2	0	1,686.1	371.9	1.0	0	1,689.6	428.2	1.0	0	30
31					1,680.4	289.9	1.6	0					1,689.7	429.8	0.9	0	31
TOTAL			139.9	166.4			78.6	16.5			44.0	0			32.2	0	
Inf. Ac. Ft.			277.5				155.9				87.3				63.9	2,098.8	
Outf. Ac. Ft.			330.0 + (2.6)				32.7 + (3.2)				0 + (5.4)				0 + (6.0)	1,762.4 + (25.2)	
Maximum Mean Daily Inflow			13.3				4.4				2.2				1.7	112.6	
Minimum Mean Daily Inflow			2.6				1.6				0.8				0.9	0	
Storage Change	− 55.1				+ 119.9				+ 82.0				+ 57.9			+ 222.0 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,691.6	feet	on	11/28/65	Storage	565.8	Acre Feet			
Min. W. S. Elev.	1,667.4	feet	on	11/20/65	Storage	198.4	Acre Feet			
Max. Peak Inf.	489.	C. F. S. from	5:00 P.M.	on 11/22/65	to	6:00 P.M.	on	11/22/65		
Max. Peak Outf.	40.	C. F. S. from	1:30 A.M.	on 11/23/65	to	4:00 A.M.	on	11/23/65		

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
G. M. THRASHER	Dam Tender	Gage Hts. copied	JAS	RAP
R. L. BROOK	Hydrographer	Storage applied	JAS	RAP
	Hydrographer	Inf. & Outf. comp.	JAS	RAP

REMARKS (1) 89.2 ACRE-FEET LOSS DUE TO SILTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D138N-68B 3-64

Daily Gage Height in feet and Operation Record of BIG DALTON Dam

In Big Dalton Canyon for the Year Ending September 30, 1966

~~On~~

Drainage Area 4.49 Square Miles. Capacity of Reservoir 752.5 Ac. Ft. at Spillway Elev. 1,706.0 Ft. as of August 1966

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C.F.S. Inflow	JUNE C.F.S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C.F.S. Inflow	JULY C.F.S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C.F.S. Inflow	AUGUST C.F.S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C.F.S. Inflow	SEPTEMBER C.F.S. Outflow	Day
1	1,689.8	431.5	1.0	0	1,691.6	462.2	0.2	0	1,675.8	232.1	0.7	0	1,677.1	247.6	0.3	0	1
2	1,689.9	433.1	0.9	0	1,691.6	462.2	0.2	0	1,675.9	233.2	0.4	0	1,677.1	247.6	0.3	0	2
3	1,690.0	434.8	0.9	0	1,691.7	464.0	1.1	0	1,675.9	233.2	0.4	0	1,677.2	248.9	0.3	0	3
4	1,690.0	434.8	0.1	0	1,691.7	464.0	0.2	0	1,676.0	234.4	0.4	0	1,677.2	248.9	0.3	0	4
5	1,690.1	436.5	1.0	0	1,691.8	465.7	1.1	0	1,676.0	234.4	0.4	0	1,677.2	248.9	0.3	0	5
6	1,690.2	438.2	0.9	0	1,691.8	465.7	0.2	0	1,676.1	235.6	0.4	0	1,677.3	250.1	0.3	0	6
7	1,690.3	439.9	1.0	0	1,690.9	450.1	0.6	7.6	1,676.1	235.6	0.4	0	1,677.3	250.1	0.3	0	7
8	1,690.4	441.6	0.9	0	1,689.6	428.2	0.7	11.5	1,676.2	236.8	0.3	0	1,677.3	250.1	0.3	0	8
9	1,690.5	443.3	1.0	0	1,688.1	403.5	0.7	11.5	1,676.2	236.8	0.3	0	1,677.4	251.4	0.3	0	9
10	1,690.5	443.3	0.1	0	1,686.6	379.7	0.4	11.5	1,676.2	236.8	0.3	0	1,677.4	251.4	0.3	0	10
11	1,690.6	445.0	1.0	0	1,685.2	358.1	0.6	11.5	1,676.3	238.0	0.4	0	1,677.4	251.4	0.3	0	11
12	1,690.7	446.7	0.9	0	1,683.7	335.8	0.3	11.5	1,676.3	238.0	0.4	0	1,677.4	251.4	0.3	0	12
13	1,690.7	446.7	0.1	0	1,682.2	314.4	0.7	11.5	1,676.4	239.2	0.4	0	1,677.4	251.4	0.3	0	13
14	1,690.8	448.4	1.0	0	1,680.6	292.5	0.4	11.5	1,676.4	239.2	0.4	0	1,677.4	251.4	0.3	0	14
15	1,690.9	450.1	0.9	0	1,678.9	270.2	0.3	11.5	1,676.5	240.4	0.3	0	1,677.4	251.4	0.3	0	15
16	1,690.9	450.1	0.1	0	1,677.2	248.9	0.8	11.5	1,676.5	240.4	0.3	0	1,677.5	252.6	0.3	0	16
17	1,691.0	451.8	1.0	0	1,675.5	228.6	1.1	11.4	1,676.5	240.4	0.3	0	1,677.5	252.6	0.3	0	17
18	1,691.0	451.8	0.2	0	1,674.9	221.7	0.5	4.0	1,676.6	241.6	0.4	0	1,677.6	253.8	0.3	0	18
19	1,691.0	451.8	0.2	0	1,675.0	222.8	0.6	0	1,676.6	241.6	0.4	0	1,677.6	253.8	0.3	0	19
20	1,691.1	453.5	1.0	0	1,675.0	222.8	0.0	0	1,676.7	242.8	0.3	0	1,677.6	253.8	0.3	0	20
21	1,691.1	453.5	0.2	0	1,675.1	224.0	0.6	0	1,676.7	242.8	0.3	0	1,677.7	255.1	0.3	0	21
22	1,691.2	455.3	1.2	0	1,675.2	225.1	0.6	0	1,676.7	242.8	0.3	0	1,677.7	255.1	0.3	0	22
23	1,691.3	457.0	1.0	0	1,675.2	225.1	0.0	0	1,676.8	244.0	0.4	0	1,677.7	255.1	0.3	0	23
24	1,691.3	457.0	0.2	0	1,675.3	226.3	0.6	0	1,676.8	244.0	0.4	0	1,677.8	256.3	0.3	0	24
25	1,691.4	458.8	1.1	0	1,675.4	227.4	0.5	0	1,676.8	244.0	0.4	0	1,677.8	256.3	0.3	0	25
26	1,691.4	458.8	0.2	0	1,675.4	227.4	0.0	0	1,676.9	245.2	0.5	0	1,677.8	256.3	0.3	0	26
27	1,691.5	460.5	1.1	0	1,675.5	228.6	0.6	0	1,676.9	245.2	0.5	0	1,677.8	256.3	0.2	0	27
28	1,691.5	460.5	0.2	0	1,675.6	229.8	0.6	0	1,677.0	246.4	0.4	0	1,677.8	256.3	0.2	0	28
29	1,691.6	462.2	1.0	0	1,675.6	229.8	0.0	0	1,677.0	246.4	0.4	0	1,677.9	257.6	0.2	0	29
30	1,691.6	462.2	0.2	0	1,675.7	230.9	0.6	0	1,677.0	246.4	0.3	0	1,677.9	257.6	0.2	0	30
31					1,675.7	230.9	0.0	0	1,677.0	246.4	0.3	0					31
TOTAL			20.6	0			14.8	126.5			11.8	0			8.6	0	
Inf. Ac. Ft.			40.9				29.4				23.4				+ 17.1	2,209.6	
Outf. Ac. Ft.			0 + (8.5)				250.9 + (9.7)				0 + (7.9				0 + (6.0)	2,013.3 + (57.3)	
Maximum Mean Daily Inflow			1.2				1.1				0.7				0.3	112.6	
Minimum Mean Daily Inflow			0				0				0.3				0.2	0	
Storage Change		+ 32.4				- 231.3				+ 15.5				+ 11.2		+ 49.8 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,691.6	feet	on	11/28/65	Storage	565.8	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,667.4	feet	on	11/20/65	Storage	198.4	Acre Feet	G. M. THRASHER	Dam Tender	Gage Hts. copied	JAS RAP
Max. Peak Inf.	489.	C. F. S. from	5:00 P.M.	on	11/22/65	to	6:00 P.M.	on	11/22/65	R. L. BROOK	Hydrographer	Storage applied	JAS RAP
Max. Peak Outf.	40.	C. F. S. from	1:30 A.M.	on	11/23/65	to	4:00 A.M.	on	11/23/65		Hydrographer	Inf. & Outf. comp.	JAS RAP

REMARKS (1) 89.2 ACRE-FEET LOSS DUE TO SILTATION.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

(INDICATES AVERAGE FOR PERIOD.

76D138N-68B 3-64

Daily Gage Height in feet and Operation Record of BIG DALTON Dam

In Big Dalton Canyon for the Year Ending September 30, 1967

~~On~~

Drainage Area 4.49 Square Miles. Capacity of Reservoir 692.0 / 752.5 Ac. Ft. at Spillway Elev. 1,706.0 Ft. as of April / August 1967 / 1966

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	1,678.0	258.8	0.3	0	1,673.8	269.0	0.2	0	1,681.0	297.9	0.3	0	1,683.1	295.0	3.9	+	1
2	1,678.0	258.8	0.3	0	1,673.8	269.0	0.2	0	1,680.8	295.2	1.3	3.0	1,683.7	302.7	3.9	-	2
3	1,678.0	258.8	0.3	0	1,678.9	270.2	0.2	0	1,684.4	345.2	31.7	5.9	1,683.7	302.7	3.9	3.7	3
4	1,678.1	260.1	0.3	0	1,678.9	270.2	0.2	0	1,684.2	343.2	4.3	5.9	1,682.6	288.7	5.3	12.4	4
5	1,678.1	260.1	0.3	0	1,678.9	270.2	0.3	0	1,689.0	418.2	43.8	5.9	1,681.5	275.2	5.4	12.2	5
6	1,678.1	260.1	0.3	0	1,679.0	271.5	0.7	0	1,698.5	538.5 (1)	291.6	204	1,680.3	261.0	4.8	12.0	6
7	1,678.2	261.3	0.3	0	1,679.6	279.3	3.9	0	1,694.1	459.1	120.0	160	1,679.1	247.2	5.2	12.0	7
8	1,678.2	261.3	0.3	0	1,679.7	280.6	1.0	0	1,695.1	476.6	43.6	34.8	1,677.9	233.7	5.0	11.8	8
9	1,678.2	261.3	0.3	0	1,679.9	283.2	1.0	0	1,694.0	457.4	24.2	33.9	1,677.4	228.3	4.2	6.8	9
10	1,678.2	261.3	0.3	0	1,680.0	284.5	0.5	0	1,691.6	417.6	19.9	40.0	1,677.4	228.3	4.0	4.0	10
11	1,678.2	261.3	0.3	0	1,680.0	284.5	0.5	0	1,686.1	334.8	18.9	60.6	1,677.3	227.2	3.4	4.0	11
12	1,678.3	262.6	0.3	0	1,680.1	285.8	0.5	0	1,681.4	274.0	19.5	50.2	1,677.2	226.1	3.4	3.7	12
13	1,678.4	263.9	0.3	0	1,680.2	287.2	0.5	0	1,678.6	241.5	14.9	31.2	1,677.2	226.1	3.4	3.4	13
14	1,678.4	263.9	0.3	0	1,680.2	287.2	0.5	0	1,678.2	237.0	12.7	15.0	1,677.2	226.1	3.4	3.3	14
15	1,678.4	263.9	0.3	0	1,680.2	287.2	0.5	0	1,677.5	229.4	10.9	14.7	1,677.2	226.1	3.4	3.3	15
16	1,678.4	263.9	0.3	0	1,680.3	288.5	0.4	0	1,676.7	220.7	10.1	14.5	1,677.2	226.1	3.4	3.3	16
17	1,678.4	263.9	0.3	0	1,680.3	288.5	0.4	0	1,676.3	216.4	8.3	10.5	1,677.2	226.1	3.4	3.3	17
18	1,678.5	265.2	0.3	0	1,680.4	289.9	0.4	0	1,676.3	216.4	8.6	8.6	1,677.1	225.0	2.9	3.3	18
19	1,678.5	265.2	0.3	0	1,680.5	291.2	0.4	0	1,676.3	216.4	8.4	8.4	1,677.1	225.0	3.3	3.3	19
20	1,678.5	265.2	0.3	0	1,680.5	291.2	0.4	0	1,676.1	214.3	7.3	8.4	1,677.2	226.1	2.9	2.4	20
21	1,678.5	265.2	0.3	0	1,680.5	291.2	0.4	0	1,675.9	212.2	7.3	8.2	1,677.7	231.5	2.9	0.1	21
22	1,678.5	265.2	0.3	0	1,680.6	292.5	0.4	0	1,675.6	209.0	6.6	8.1	1,680.1	259.7	14.2	0.5	22
23	1,678.6	266.4	0.3	0	1,680.6	292.5	0.4	0	1,676.0	213.2	5.6	3.4	1,681.4	274.0	10.3	2.6	23
24	1,678.6	266.4	0.3	0	1,680.7	293.9	0.3	0	1,677.0	223.9	5.6	0.1	1,688.7	373.5	8.0	8.8	24
25	1,678.6	266.4	0.3	0	1,680.7	293.9	0.3	0	1,677.9	233.7	5.1	0.1	1,691.7	419.2	92.0	18.0	25
26	1,678.6	266.4	0.3	0	1,680.8	295.2	0.3	0	1,678.8	243.8	5.3	0.1	1,692.7	435.6	25.2	16.9	26
27	1,678.6	266.4	0.2	0	1,680.9	296.6	0.3	0	1,679.7	254.0	5.4	0.1	1,692.9	438.9	17.7	16.1	27
28	1,678.7	267.7	0.2	0	1,680.9	296.6	0.3	0	1,680.3	261.0	3.7	0.1	1,692.7	435.6	14.5	16.1	28
29	1,678.7	267.7	0.2	0	1,681.0	297.9	0.3	0	1,681.2	271.6	5.4	+	1,692.5	432.3	14.4	16.1	29
30	1,678.8	269.0	0.2	0	1,681.0	297.9	0.3	0	1,681.9	280.1	4.4	+	1,692.1	425.7	12.8	16.1	30
31	1,678.8	269.0	0.2	0					1,682.5	287.5	3.9	+	1,692.5	416.0	10.9	15.8	31
TOTAL			8.8	0			16.0	0			758.6	735.7			301.4	235.3	
Inf. Ac. Ft.			17.4				31.7				1,504.7				597.8	2,151.6	
Outf. Ac. Ft.			0 + (6.1)				0 + (2.8)				1,459.2 + (2.2)				466.7 + (2.6)	1,925.9 + (13.7)	
Maximum Mean Daily Inflow			0.3				3.9				291.6				92.0	291.6	
Minimum Mean Daily Inflow			0.2				0.2				0.3				2.8	0.2	
Storage Change		+ 11.4				+ 28.9				- 10.4				+ 126.5		+ 159.4 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,705.9	feet	on	5/9/67	Storage	689.8	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,666.0	feet	on	8/16/67	Storage	119.3	Acre Feet	G. M. THRASHER	Dam Tender	Gage Hts. copied	JAS FM
Max. Peak Inf.	685.0	C. F. S. from	4:30 P.M.	on	12/6/66	to	5:00 P.M.	on	12/6/66	R. L. BROOK	Hydrographer	Storage applied	JAS FM
Max. Peak Outf.	615.0	C. F. S. from	6:00 P.M.	on	12/6/66	to	9:30 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	FM RAP

REMARKS (1) 53.5 ACRE-FEET LOSS DUE TO SILTATION. CHANGE TO TABLE XII 12/6/66.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

INDICATES AVERAGE FOR PERIOD. + = 0.05 CFS OR LESS.

760138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of BIG DALTON Dam

In Big Dalton Canyon for the Year Ending September 30, 1967

~~On~~

Drainage Area 4.49 Square Miles. Capacity of Reservoir 692.0 Ac. Ft. at Spillway Elev. 1,706.0 Ft. as of April 1967

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	1,690.9	406.4	11.7	16.5	1,683.1	295.0	4.0	5.8	1,681.4	274.0	10.4	6.2	1,705.5	681.1	12.2	13.2	1
2	1,690.2	395.4	10.9	16.5	1,682.9	292.5	4.7	5.8	1,681.7	277.7	7.9	5.9	1,705.3	676.7	11.1	13.2	2
3	1,689.4	383.1	10.2	15.3	1,682.7	290.0	4.7	5.9	1,681.8	278.9	6.6	5.9	1,705.0	670.2	10.1	13.2	3
4	1,688.5	369.5	9.5	16.3	1,682.5	287.5	4.7	6.0	1,682.1	282.5	7.8	5.9	1,704.7	663.8	10.0	13.2	4
5	1,687.5	354.8	8.8	15.3	1,682.2	283.8	4.2	6.0	1,682.3	285.0	7.2	5.9	1,704.9	668.1	12.6	10.4	5
6	1,686.5	340.5	9.2	16.3	1,681.9	280.1	4.2	6.0	1,682.4	286.3	6.7	5.9	1,705.2	674.6	11.2	7.3	6
7	1,685.5	326.6	9.3	16.3	1,681.6	276.5	4.2	6.0	1,682.6	288.7	7.1	5.8	1,705.5	681.1	11.0	7.5	7
8	1,684.4	311.8	8.9	16.3	1,681.3	272.8	4.2	6.0	1,682.7	290.0	6.7	5.8	1,705.7	685.5	9.9	7.6	8
9	1,684.3	310.5	8.6	9.2	1,681.0	269.2	4.2	6.0	1,682.7	290.0	5.7	5.6	1,705.8	687.6	9.9	8.7	9
10	1,684.4	311.8	6.8	6.0	1,680.8	266.9	4.8	6.0	1,682.8	291.2	6.3	5.6	1,705.4	679.9	9.4	13.7	10
11	1,684.6	314.5	7.3	6.0	1,680.6	264.5	4.8	6.0	1,683.9	305.2	12.9	5.9	1,704.9	668.1	9.3	13.7	11
12	1,684.6	314.5	6.1	6.0	1,681.2	271.6	10.1	6.5	1,684.4	311.8	9.0	5.6	1,704.3	655.2	7.3	13.7	12
13	1,684.7	315.8	6.8	6.0	1,683.4	298.8	21.0	7.3	1,684.9	318.5	9.0	5.6	1,703.7	642.5	7.4	13.7	13
14	1,684.8	317.1	6.6	6.0	1,684.3	310.5	16.5	10.6	1,685.3	323.9	8.6	5.8	1,703.2	632.0	8.6	13.8	14
15	1,684.6	317.1	6.1	6.0	1,684.0	306.5	10.6	12.6	1,685.7	329.3	8.7	5.8	1,702.6	619.6	7.7	13.8	15
16	1,684.8	317.1	6.1	6.0	1,683.5	300.1	9.2	12.4	1,685.9	332.0	7.3	5.9	1,701.9	605.2	6.6	13.8	16
17	1,684.8	317.1	5.1	6.0	1,682.8	291.2	7.9	12.4	1,686.2	336.2	8.1	5.9	1,701.2	591.0	6.8	13.8	17
18	1,684.8	317.1	5.1	6.0	1,682.1	282.5	7.9	12.2	1,687.4	353.4	15.2	6.5	1,700.6	579.1	7.9	13.8	18
19	1,684.7	315.8	5.5	6.0	1,681.3	272.8	7.4	12.2	1,688.5	369.5	14.5	6.4	1,699.8	563.4	6.0	13.8	19
20	1,684.6	314.5	5.5	6.0	1,680.9	268.0	6.6	8.9	1,689.3	381.6	12.3	6.2	1,699.2	551.8	8.0	13.8	20
21	1,684.5	313.2	5.4	6.0	1,681.0	269.2	6.5	5.8	1,691.3	412.8	22.5	6.7	1,698.3	534.7	5.3	13.3	21
22	1,684.4	311.8	5.4	6.0	1,681.0	269.2	5.7	5.6	1,695.6	485.4	44.2	7.6	1,698.0	529.0	7.2	9.9	22
23	1,684.3	310.5	5.4	6.0	1,681.0	269.2	5.7	5.6	1,697.9	527.2	28.0	7.0	1,698.0	529.0	6.1	5.9	23
24	1,684.1	307.8	4.7	6.0	1,681.0	269.2	5.7	5.6	1,699.9	565.3	26.0	6.8	1,697.9	527.2	5.2	5.9	24
25	1,683.9	305.2	4.7	6.0	1,681.0	269.2	5.7	5.6	1,701.1	589.0	18.6	6.6	1,697.9	527.2	6.2	6.0	25
26	1,683.8	303.9	5.4	6.0	1,680.9	268.0	5.2	5.8	1,702.6	619.6	21.9	6.5	1,697.8	525.3	5.2	6.0	26
27	1,683.6	301.4	4.7	5.9	1,680.8	266.9	5.2	5.8	1,703.5	638.3	16.0	6.5	1,697.7	523.5	5.3	6.0	27
28	1,683.4	298.8	4.7	5.9	1,680.7	265.7	5.2	5.8	1,704.5	659.5	17.1	6.5	1,697.7	523.5	6.2	6.0	28
29					1,680.5	264.5	5.2	5.8	1,705.3	676.7	15.2	6.5	1,697.6	521.6	5.5	6.2	29
30					1,680.6	264.5	5.8	5.8	1,705.6	683.3	14.0	10.7	1,697.6	521.6	6.4	6.2	30
31					1,680.7	265.7	6.5	5.9					1,697.6	521.6	6.4	6.2	31
TOTAL			196.5	233.8			208.3	223.7			401.5	189.5			247.0	324.4	
Inf. Ac. Ft.			389.8				413.2				796.4				489.9	4,240.9	
Outf. Ac. Ft.			503.4 + (3.6)				443.7 + (2.6)				375.9 + (3.0)			643.4 + (8.1)		3,892.3 + (31.0))	
MAXIMUM Mean Daily Inflow			11.7				21.0				44.2				12.6	291.6	
Minimum Mean Daily Inflow			4.7				4.0				5.7				5.2	0.2	
Storage Change		− 117.2				− 33.1				+ 417.6				− 161.7		+ 264.0 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,705.9	feet	on	5/9/67	Storage	689.8	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,666.0	feet	on	8/16/67	Storage	119.3	Acre Feet	G. M. THRASHER	Dam Tender	Gage Hts. copied	JAS FM	
Max. Peak Inf.	685.0	C.F.S. from	4:30 P.M.	on	12/6/66	to	5:00 P.M.	on	12/6/66	R. L. BROOK	Hydrographer	Storage applied	JAS FM	
Max. Peak Outf.	615.0	C.F.S. from	6:00 P.M.	on	12/6/66	to	9:30 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	FM RAP	

REMARKS (1) 53.5 ACRE-FEET LOSS DUE TO SILTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of BIG DALTON Dam

In Big Dalton Canyon for the Year Ending September 30, 1967

~~On~~

Drainage Area 4.49 Square Miles. Capacity of Reservoir 692.0 Ac. Ft. at Spillway Elev. 1,706.0 Ft. as of April 1967

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	1,697.6	521.6	6.4	6.2	1,694.9	473.1	2.6	6.0	1,674.7	199.8	2.4	9.1	1,670.3	157.1	1.4	+	1
2	1,697.5	519.8	5.5	6.2	1,694.5	466.1	2.6	6.0	1,673.5	187.8	3.2	9.1	1,670.6	159.9	1.4		2
3	1,697.4	518.0	5.5	6.2	1,694.1	459.1	2.6	6.0	1,672.1	174.0	2.0	8.9	1,670.8	161.7	1.0		3
4	1,697.2	514.3	4.2	6.0	1,693.7	452.4	2.6	5.9	1,671.0	163.6	1.8	6.9	1,671.0	163.6	1.0		4
5	1,697.0	510.6	4.3	6.0	1,693.3	445.6	2.6	5.9	1,670.3	157.1	0.7	3.9	1,671.2	165.5	1.0		5
6	1,696.9	508.8	4.4	6.0	1,692.9	438.9	2.6	5.9	1,669.8	152.5	1.7	3.9	1,671.4	167.4	1.0		6
7	1,696.7	505.1	4.4	5.8	1,692.6	434.0	3.6	5.9	1,669.1	146.2	0.7	3.8	1,671.6	169.2	1.0		7
8	1,696.5	501.5	4.4	5.8	1,692.1	425.7	1.7	5.8	1,668.5	140.8	1.1	3.7	1,671.9	172.1	1.5		8
9	1,696.5	501.5	4.4	3.6	1,691.6	417.6	1.8	5.8	1,668.2	138.2	1.9	3.1	1,672.0	173.0	1.0		9
10	1,696.8	507.0	4.3	2.1	1,691.1	409.6	2.0	5.9	1,668.0	136.4	2.1	2.9	1,672.2	175.0	1.0		10
11	1,697.1	512.4	4.3	2.0	1,690.7	403.3	2.7	5.9	1,667.6	133.0	1.3	2.9	1,672.4	176.9	1.0		11
12	1,697.5	519.8	4.3	1.9	1,690.2	395.4	2.2	6.0	1,667.3	130.4	1.7	2.9	1,672.6	178.9	1.0		12
13	1,697.7	523.5	4.3	1.8	1,689.8	389.2	3.0	5.9	1,667.0	127.8	1.6	2.9	1,672.7	179.9	1.0		13
14	1,698.1	530.9	4.3	1.8	1,689.3	381.6	2.1	5.8	1,666.6	124.4	1.4	3.0	1,672.9	181.8	1.0		14
15	1,698.3	534.7	4.3	1.8	1,688.8	374.0	2.2	5.8	1,666.1	120.2	1.4	3.4	1,673.1	183.8	1.0		15
16	1,698.5	538.5	4.2	1.8	1,688.3	366.5	2.2	5.8	1,666.2	121.0	1.9	1.4	1,673.3	185.8	1.0		16
17	1,698.6	540.4	4.2	1.9	1,687.8	359.1	2.3	5.8	1,666.5	123.6	1.5	0.1	1,673.4	186.8	0.8	+	17
18	1,698.9	546.1	4.2	1.9	1,687.3	351.9	2.4	5.8	1,666.9	127.0	1.9	0.1	1,673.5	187.8	0.7	0.1	18
19	1,699.9	546.1	4.2	3.3	1,686.8	344.8	2.4	5.8	1,667.1	128.7	1.1	0.1	1,673.7	189.7	1.0	0.1	19
20	1,698.6	540.4	4.2	6.4	1,686.2	336.2	1.7	5.8	1,667.4	131.2	1.5	0.1	1,673.3	185.8	1.2	3.1	20
21	1,698.4	536.6	3.4	6.4	1,685.7	329.3	2.5	5.8	1,667.7	133.8	1.4	+	1,672.2	175.0	0.9	6.4	21
22	1,698.0	529.0	3.4	6.4	1,685.1	321.2	1.9	5.8	1,667.9	135.5	0.9		1,671.2	165.5	1.6	6.4	22
23	1,697.8	525.3	3.4	6.4	1,684.6	314.5	2.6	5.8	1,668.2	138.2	1.5		1,670.3	157.1	2.0	6.2	23
24	1,697.5	519.8	3.4	6.4	1,684.0	306.5	2.0	5.8	1,668.5	140.8	1.4		1,669.1	146.2	0.7	6.2	24
25	1,697.2	514.3	3.4	6.2	1,683.4	298.8	2.1	5.8	1,668.7	142.6	1.0		1,668.1	137.3	1.7	6.2	25
26	1,696.8	507.0	3.4	6.4	1,682.5	287.5	2.1	7.5	1,668.9	144.4	1.0		1,667.9	135.5	1.3	2.2	26
27	1,696.3	497.9	3.4	6.4	1,681.3	272.8	2.1	9.5	1,669.2	147.1	1.5		1,668.2	138.2	1.5	0.1	27
28	1,696.0	492.4	3.4	6.4	1,680.1	258.7	2.1	9.5	1,669.4	148.9	1.0		1,668.4	140.0	1.0	0.1	28
29	1,695.6	485.4	3.4	6.2	1,678.6	241.5	2.1	9.3	1,669.6	150.7	1.0		1,668.7	142.6	1.4	0.1	29
30	1,695.3	480.1	3.4	6.2	1,677.3	227.2	2.0	9.3	1,669.8	152.5	1.0		1,668.9	144.4	1.0	0.1	30
31					1,676.0	213.2	2.0	9.3	1,670.0	154.3	0.9	+					31
TOTAL			124.3	141.9			71.4	200.9			45.5	72.2			34.1	37.3	
Inf. Ac. Ft.			246.5				141.6				90.2				67.6	4,786.8	
Outf. Ac. Ft.			281.5 + (6.5)				398.5 + (10.1)				143.2 + (6.0)				74.0 + (3.6)	4,789.5 + (57.2)	
MAXIMUM Mean Daily Inflow			6.4				3.6				3.2				2.0	291.6	
Minimum Mean Daily Inflow			3.4				1.7				0.7				0.7	0.1	
Storage Change		− 41.5				− 266.9				− 58.9				− 9.9		− 113.2	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,705.9	feet	on	5/9/67	Storage	689.8	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,666.0	feet	on	8/16/67	Storage	119.3	Acre Feet	G. M. THRASHER	Dam Tender	Gage Hts. copied	JAS FM	
Max. Peak Inf.	685.0	C.F.S. from	4:30 P.M.	on	12/6/66	to	5:00 P.M.	on	12/6/66	R. L. BROOK	Hydrographer	Storage applied	JAS FM	
Max. Peak Outf.	615.0	C.F.S. from	6:00 P.M.	on	12/6/66	to	9:30 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	FM RAP	

REMARKS (1) 53.5 ACRE-FEET LOSS DUE TO SILTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
(INDICATES AVERAGE FOR PERIOD. + = 0.05 CFS OR LESS.

76D138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN DIMAS Dam

In San Dimas Canyon for the Year Ending September 30, 1966

~~On~~

Drainage Area 16.2 Square Miles. Capacity of Reservoir 1,233.8 / 1,359.2 Ac. Ft. at Spillway Elev. 1,462.0 Ft. as of August / November 1966 / 1965

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1		0	0.2	0.2		0	0.2	0.2	1424.4	338.6	16.6	14.0	1445.1	702.3	44.1	56.5	1
2			0.2	0.2			0.2	0.2	1424.8	345.5	16.0	12.5	1443.8	668.0	38.5	55.2	2
3			0.3	0.3			0.2	0.2	1425.2	352.6	14.7	11.1	1442.0	621.9	30.6	53.9	3
4			0.3	0.3			0.2	0.2	1425.6	359.9	14.0	10.3	1439.9	570.5	28.7	52.6	4
5			0.4	0.4			0.2	0.2	1426.1	369.0	14.8	10.3	1439.1	551.7	27.4	36.9	5
6			0.4	0.4			0.2	0.2	1426.5	376.4	14.1	10.3	1438.6	540.1	24.9	30.7	6
7			0.5	0.5			0.2	0.2	1426.8	382.1	13.2	10.3	1437.6	517.4	21.1	32.6	7
8			0.5	0.5			0.2	0.2	1427.2	389.7	14.1	10.3	1436.6	495.3	21.5	32.6	8
9			0.5	0.5			0.2	0.2	1428.2	409.1	16.6	6.8	1435.5	471.8	19.7	31.6	9
10			0.5	0.5			0.2	0.2	1428.8	421.1	13.0	7.0	1434.2	445.2	18.2	31.6	10
11			0.4	0.4			0.2	0.2	1428.9	423.1	9.0	8.0	1432.8	418.2	18.0	31.6	11
12			0.4	0.4			0.2	0.2	1429.9	443.7	18.6	8.2	1431.3	391.0	15.8	29.5	12
13			0.4	0.4			0.2	0.2	1430.5	456.4	14.4	8.0	1429.9	367.2	16.0	28.0	13
14			0.4	0.4			0.2	0.2	1430.9	465.0	13.3	9.0	1429.1	354.1	15.8	22.4	14
15			0.4	0.4		0	0.2	0.2	1431.3	473.6	12.4	8.0	1428.6	346.2	15.3	19.3	15
16			0.4	0.4	1385.8	11.2	5.8	0.2	1431.3	473.6	8.8	8.8	1428.0	336.8	13.3	18.0	16
17			0.4	0.4	1400.5	71.5	30.6	0.2	1431.1	469.3	7.4	9.6	1427.7	332.2	15.0	17.3	17
18			0.3	0.3	1406.5	116.5	22.9	0.2	1431.0	467.1	8.5	9.6	1427.3	326.2	13.5	16.6	18
19			0.3	0.3	1405.8	110.4	4.6	7.6	1430.7	460.7	6.4	9.6	1427.0	321.6	13.6	15.9	19
20			0.3	0.3	1403.2	89.7	4.0	14.5	1430.5	456.4	6.5	8.7	1426.8	318.6	13.1	14.6	20
21			0.3	0.3	1401.8	79.9	1.3	6.2	1430.3	452.2	6.4	8.5	1426.5	314.2	12.4	14.6	21
22			0.3	0.3	1434.7	550.2	305.4	69.3	1430.1	447.9	6.2	8.4	1426.2	309.8	12.4	14.6	22
23			0.3	0.3	1426.0	367.1	149.8	242.1	1429.8	441.7	5.2	8.3	1425.9	305.4	12.3	14.6	23
24			0.3	0.3	1433.4	520.3	128.7	51.5	1429.5	435.4	5.0	8.2	1425.6	301.0	11.7	13.9	24
25			0.2	0.2	1436.2	585.6	80.8	47.9	1429.2	429.2	5.1	8.2	1425.4	299.2	11.4	12.8	25
26			0.2	0.2	1435.0	557.2	43.5	57.8	1428.9	423.1	5.1	8.2	1425.5	299.6	12.1	11.4	26
27			0.2	0.2	1432.6	502.3	30.1	57.8	1428.6	417.1	5.0	8.0	1425.8	303.9	12.7	10.5	27
28			0.2	0.2	1429.4	433.4	24.4	59.1	1428.4	413.1	6.0	8.0	1426.0	306.8	10.2	8.7	28
29			0.2	0.2	1425.5	353.0	19.8	57.8	1446.1	844.2 / 729.4 (1)	288.6	71.3	1426.3	311.2	10.2	8.0	29
30			0.2	0.2	1424.1	333.4	18.5	30.9	1445.7	718.5	129.6	135.1	1427.3	326.2	15.2	7.7	30
31	0		0.2	0.2					1446.0	726.6	60.6	56.5	1427.8	333.8	11.3	7.4	31
TOTAL			10.1	10.1			873.2	705.1			775.2	519.1			554.0	751.6	
Inf. Ac. Ft.			20.0				1,732.0				1,537.6				1,098.8	4,388.4	
Outf. Ac. Ft.			20.0				1,398.5				1,029.6				1,491.6	3,939.7	
MAXIMUM Mean Daily Inflow			0.5				305.4				288.6				44.1	305.4	
Minimum Mean Daily Inflow			0.2				0.2				5.0				10.2	0.2	
Storage Change	0					+ 333.4				+ 393.2				- 392.8		+ 333.8 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,446.5	feet	on	12/29/65	Storage	740.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,376.3	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	B. R. MC CARTY	Dam Tender	Gage Hts. copied	JAS FM
Max. Peak Inf.	1,015.	C. F. S. from	4:30 P.M.	on 12/29/65	to	4:45 P.M.	on 12/29/65	R. J. SARASUA	Hydrographer	Storage applied	JAS FM
Max. Peak Outf.	500.	C. F. S. from	9:30 P.M.	on 11/22/65	to	9:00 A.M.	on 11/23/65		Hydrographer	Inf. & Outf. comp.	JAS FM

REMARKS (1) 114.8 ACRE-FEET STORAGE LOST TO SILTATION. USE TABLE XIV BEGINNING 12/29/55.

76D138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN DIMAS Dam

In San Dimas Canyon for the Year Ending September 30, 1966

~~On~~

Drainage Area 16.2 Square Miles. Capacity of Reservoir 1,233.8 Ac. Ft. at Spillway Elev. 1,462.0 Ft. as of August 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY Gage Height	FEBRUARY Acre Ft. Storage	FEBRUARY C.F.S. Inflow	FEBRUARY C.F.S. Outflow	MARCH Gage Height	MARCH Acre Ft. Storage	MARCH C.F.S. Inflow	MARCH C.F.S. Outflow	APRIL Gage Height	APRIL Acre Ft. Storage	APRIL C.F.S. Inflow	APRIL C.F.S. Outflow	MAY Gage Height	MAY Acre Ft. Storage	MAY C.F.S. Inflow	MAY C.F.S. Outflow	Day
1	1428.2	339.9	10.3	7.2	1427.0	321.6	8.5	7.7	1427.2	324.6	5.6	7.2	1436.9	501.8	4.3	+	1
2	1428.6	346.2	9.4	6.2	1427.1	323.1	8.4	7.7	1427.0	321.6	5.7	7.2	1437.2	509.5	3.4	|	2
3	1428.9	350.9	8.5	6.2	1427.2	324.6	8.2	7.4	1426.8 e	318.6	5.7	7.2	1437.5	515.2	3.4	|	3
4	1429.3	357.4	9.5	6.2	1427.3	326.2	8.2	7.4	1426.6 e	315.7	5.8	7.2	1437.8	521.8	3.3	+	4
5	1429.6	362.3	8.7	6.2	1427.4	327.7	8.1	7.4	1426.3	311.2	4.9	7.2	1438.0	526.3	2.4	0.1	5
6	1432.0	403.4	27.1	6.4	1427.5	329.2	8.2	7.4	1426.1	308.3	5.7	7.2	1438.3	533.2	3.6	0.1	6
7	1434.3	447.2	35.0	12.9	1427.6	330.7	7.9	7.2	1425.8 e	303.9	5.0	7.2	1438.6	540.1	3.5	0.1	7
8	1434.1	443.2	21.0	23.0	1428.2	339.9	9.9	5.2	1426.0	306.8	5.9	4.4	1439.0	549.3	4.8	0.1	8
9	1432.5	412.6	19.2	34.7	1429.6	346.2	9.0	5.8	1426.7	317.2	5.2	+	1439.1	551.7	4.5	3.3	9
10	1430.5	377.2	15.8	33.6	1428.4	343.1	8.3	9.9	1427.4	327.7	5.3	|	1439.1	551.7	4.9	4.9	10
11	1429.2	355.8	16.1	26.9	1428.4	343.1	7.7	7.7	1428.0	336.8	4.6	|	1439.0	549.3	3.7	4.9	11
12	1428.7	347.8	16.0	20.0	1428.4	343.1	7.7	7.7	1428.7	347.8	5.5	|	1439.0	549.3	4.9	4.9	12
13	1428.0	336.8	13.7	19.3	1428.4	343.1	7.7	7.7	1429.3 e	357.4	4.9	|	1438.9	547.0	3.7	4.9	13
14	1427.5	329.2	15.5	19.3	1428.4	343.1	7.7	7.7	1429.8	365.5	4.1	|	1438.8	544.7	3.8	4.9	14
15	1427.0	321.6	15.4	19.3	1428.4	343.1	8.0	8.0	1430.3	373.9	4.2	|	1438.8	544.7	5.1	5.1	15
16	1426.7	317.2	13.6	15.8	1429.3	341.5	7.2	8.0	1430.8	382.3	4.2	|	1438.7	542.4	3.9	5.1	16
17	1426.7	317.2	13.2	13.2	1429.3	341.5	8.0	8.0	1431.3	391.0	4.4	|	1438.6	540.1	3.9	5.1	17
18	1426.7	317.2	12.8	12.8	1429.2	339.9	7.2	8.0	1431.8	399.9	4.5	|	1438.5	537.8	4.0	5.1	18
19	1426.7	317.2	12.3	12.3	1429.0	336.8	6.4	8.0	1432.3	409.8	5.0	|	1438.3	533.2	2.6	4.9	19
20	1426.7	317.2	11.4	11.4	1429.0	336.8	7.7	7.7	1432.8	418.2	4.2	|	1438.2	530.9	3.7	4.9	20
21	1426.6	315.7	10.0	10.7	1427.9	335.3	7.0	7.7	1433.2	425.8	3.9	|	1438.1	528.6	3.7	4.9	21
22	1426.6	315.7	9.6	9.6	1427.8	333.8	6.6	7.4	1433.7	435.4	4.8	|	1438.0	526.3	3.8	4.9	22
23	1426.6	315.7	9.2	9.2	1427.7	332.2	6.4	7.2	1434.1	443.2	3.9	|	1437.8	521.8	2.6	4.9	23
24	1426.6	315.7	8.7	8.7	1427.8	333.8	8.0	7.2	1434.4	449.2	3.1	|	1437.7	519.6	3.8	4.9	24
25	1426.7	317.2	9.4	8.7	1428.0	336.8	8.7	7.2	1434.8	457.3	4.0	|	1437.6	517.4	3.8	4.9	25
26	1426.8	319.6	9.4	8.7	1428.0	336.8	7.2	7.2	1435.2	465.5	4.2	|	1437.5	515.2	3.8	4.9	26
27	1426.8	319.6	9.2	8.2	1428.0	336.8	7.2	7.2	1435.5	471.8	3.2	|	1437.4	512.9	3.7	4.9	27
28	1426.9	320.1	8.8	8.0	1427.9	335.3	6.5	7.2	1435.8	478.1	3.1	|	1437.2	508.5	2.7	4.9	28
29					1427.7	332.2	5.6	7.2	1436.2	486.6	4.3	|	1437.1	506.2	3.8	4.9	29
30					1427.6	330.7	6.4	7.2	1436.5	493.2	3.3	+	1437.0	504.0	3.5	4.7	30
31					1427.4	327.7	5.7	7.2					1436.8	499.7	2.6	4.7	31
TOTAL			377.8	384.7			235.3	231.5			133.2	54.8			115.2	111.9	
Inf. Ac. Ft.			749.4				466.7				274.1				228.5	6,107.1	
Outf. Ac. Ft.			763.0				459.2				108.7				222.0	5,492.6	
MAXIMUM Mean Daily Inflow			35.0				9.9				5.9				5.1	305.4	
Minimum Mean Daily Inflow			8.2				5.6				3.1				2.4	0.2	
Storage Change	- 13.7					+ 7.6				+ 165.5				+ 6.5		+ 499.7 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,446.5	feet	on	12/29/65	Storage	740.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	1,376.3	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	B. R. MC CARTY	Dam Tender	Gage Hts. copied	JAS FM
Max. Peak Inf.	1,015.	C. F. S. from	4:30 P.M.	on 12/29/65	to	4:45 P.M.	on 12/29/65	R. J. SARASUA	Hydrographer	Storage applied	JAS FM
Max. Peak Outf.	500.	C. F. S. from	9:30 P.M.	on 11/22/65	to	9:00 A.M.	on 11/23/65		Hydrographer	Inf. & Outf. comp.	JAS FM

REMARKS (1) 114.8 ACRE-FEET STORAGE LOSS DUE TO SILTATION.
+ = 0.05 CFS OR LESS.

76D138N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN DIMAS Dam

In San Dimas Canyon for the Year Ending September 30, 1966

Drainage Area 16.2 Square Miles. Capacity of Reservoir 1,233.8 Ac. Ft. at Spillway Elev. 1,462.0 Ft. as of August 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C. F. S. Inflow	JUNE C. F. S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C. F. S. Inflow	JULY C. F. S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C. F. S. Inflow	AUGUST C. F. S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C. F. S. Inflow	SEPTEMBER C. F. S. Outflow	Day
1	1,436.7	497.5	3.6	4.7	1,430.5	377.2	1.8	4.4	1,420.2	227.7	1.5	3.5	1,411.4	130.1	1.7	2.7	1
2	1,436.5	493.2	2.5	4.7	1,430.2	372.2	1.9	4.4	1,419.9	223.8	1.4	3.3	1,411.0	126.3	0.8	2.7	2
3	1,436.4	491.0	3.6	4.7	1,429.9	367.2	1.9	4.4	1,419.7	221.4	1.7	2.9	1,410.7	123.6	1.4	2.7	3
4	1,436.2	486.6	2.5	4.7	1,429.6	362.3	1.7	4.2	1,419.4	217.6	0.9	2.9	1,410.4	120.8	1.3	2.7	4
5	1,436.1	484.5	3.6	4.7	1,429.3	357.4	1.7	4.2	1,419.2	215.1	1.7	2.9	1,410.0	117.2	0.8	2.7	5
6	1,435.9	480.2	2.6	4.7	1,429.0	352.5	1.8	4.2	1,419.0	212.6	1.6	2.9	1,409.7	114.6	1.4	2.7	6
7	1,435.7	476.0	2.3	4.4	1,428.6	346.2	0.6	3.8	1,418.7	209.0	0.9	2.7	1,409.4	111.9	1.4	2.7	7
8	1,435.6	473.9	3.1	4.2	1,428.3	341.5	1.4	3.8	1,418.4	205.3	0.8	2.7	1,409.1	109.3	1.3	2.6	8
9	1,435.5	471.8	3.1	4.2	1,427.9	335.3	0.7	3.8	1,418.1	201.7	0.9	2.7	1,408.8	106.7	1.2	2.6	9
10	1,435.3	467.6	2.1	4.2	1,427.6	330.7	1.5	3.8	1,417.9	199.3	1.2	2.9	1,408.4	103.2	0.9	2.6	10
11	1,435.2	465.5	3.2	4.2	1,427.2	324.6	0.7	3.8	1,417.6	195.8	1.7	2.9	1,408.1	100.7	1.3	2.6	11
12	1,435.0	461.3	2.2	4.4	1,426.9	320.1	1.5	3.8	1,417.3	192.3	1.1	2.9	1,407.7	97.3	0.9	2.6	12
13	1,434.8	457.3	2.7	4.7	1,426.5	314.2	1.1	4.0	1,417.0	188.8	1.1	2.9	1,407.4	94.9	1.4	2.6	13
14	1,434.6	453.3	2.7	4.7	1,426.1	308.3	1.0	4.0	1,416.8	186.5	1.6	2.7	1,407.0	91.6	0.9	2.6	14
15	1,434.4	449.2	2.6	4.7	1,425.8	303.9	1.6	3.8	1,416.5	183.1	0.9	2.7	1,406.7	89.2	1.4	2.6	15
16	1,434.2	445.2	2.7	4.7	1,425.5	299.6	1.6	3.8	1,416.2	179.7	1.0	2.7	1,406.3	86.0	1.1	2.7	16
17	1,434.0	441.2	2.7	4.7	1,425.1	293.8	0.9	3.8	1,415.9	176.3	1.0	2.7	1,406.0	83.6	1.5	2.7	17
18	1,433.7	435.4	1.8	4.7	1,424.8	289.6	1.5	3.6	1,415.6	173.0	1.1	2.7	1,405.6	80.6	1.2	2.7	18
19	1,433.5	431.6	2.5	4.4	1,424.4	283.9	0.7	3.6	1,415.3	169.7	1.0	2.7	1,405.3	78.3	1.5	2.7	19
20	1,433.3	427.7	2.4	4.4	1,424.1	279.7	1.5	3.6	1,415.1	167.5	1.6	2.7	1,405.0	76.0	1.6	2.7	20
21	1,433.0	421.9	1.5	4.4	1,423.7	274.2	0.8	3.6	1,414.8	164.3	1.1	2.7	1,404.7	73.8	1.6	2.7	21
22	1,432.8	418.2	2.5	4.4	1,423.4	270.1	1.5	3.6	1,414.5	161.1	1.1	2.7	1,404.4	71.6	1.5	2.7	22
23	1,432.6	414.5	2.5	4.4	1,423.0	264.6	0.9	3.6	1,414.2	157.9	1.0	2.7	1,404.0	68.7	1.3	2.7	23
24	1,432.4	410.8	2.6	4.4	1,422.7	260.6	1.5	3.6	1,413.9	154.8	1.2	2.7	1,403.6	66.0	1.3	2.7	24
25	1,432.1	405.2	1.6	4.4	1,422.3	255.2	0.8	3.5	1,413.6	151.7	1.1	2.7	1,403.2	63.3	1.4	2.7	25
26	1,431.9	401.6	2.5	4.4	1,422.0	251.1	1.5	3.5	1,413.3	148.7	1.2	2.7	1,402.8	60.7	1.4	2.7	26
27	1,431.6	396.3	1.8	4.4	1,421.6	245.9	0.8	3.5	1,412.9	144.6	0.6	2.7	1,402.5	58.8	1.6	2.6	27
28	1,431.3	391.0	2.0	4.7	1,421.3	241.9	1.6	3.6	1,412.6	141.7	1.3	2.7	1,402.1	56.3	1.3	2.6	28
29	1,431.1	387.5	2.9	4.7	1,421.0	239.0	1.6	3.6	1,412.3	139.7	1.2	2.7	1,401.8	54.5	1.7	2.6	29
30	1,430.8	382.3	2.1	4.7	1,420.8	235.4	2.3	3.6	1,411.9	134.8	0.7	2.7	1,401.5	52.8	1.8	2.6	30
31					1,420.5	231.6	1.7	3.6	1,411.6	132.0	1.3	2.7					31
TOTAL			76.5	135.7			42.1	118.1			36.5	86.7			39.9	79.8	
Inf. Ac. Ft.			151.7				83.5				72.4				79.1	6,493.8	
Outf. Ac. Ft.			269.2				234.2				172.0				158.3	6,326.3	
MAXIMUM Mean Daily Inflow			3.6				2.3				1.7				1.8	305.4	
Minimum Mean Daily Inflow			1.8				0.6				0				0.8	0.2	
Storage Change		− 117.4				− 150.7				− 99.6				− 79.2		+ 52.8 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,446.5	feet	on	12/29/65	Storage	740.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	1,376.3	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	B. R. MC CARTY	Dam Tender	Gage Hts. copied JAS FM
Max. Peak Inf.	1,015.	C. F. S. from	4:30 P.M.	on	12/29/65	to	4:45 P.M. on	12/29/65	R. J. SARASUA	Hydrographer	Storage applied JAS FM
Max. Peak Outf.	500.	C. F. S. from	9:30 P.M.	on	11/22/65	to	9:00 A.M. on	11/23/65		Hydrographer	Inf. & Outf. comp. JAS FM

REMARKS (1) 114.8 ACRE-FEET STORAGE LOSS DUE TO SILTATION.

76D138N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN DIMAS Dam

In San Dimas Canyon for the Year Ending September 30, 1967

1,129.1
Drainage Area 16.2 Square Miles. Capacity of Reservoir 1,238.8 Ac. Ft. at Spillway Elev. 1,462.0 Ft. as of April 1967 / August 1966

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C. F. S. Inflow	OCTOBER C. F. S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C. F. S. Inflow	NOVEMBER C. F. S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C. F. S. Inflow	DECEMBER C. F. S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C. F. S. Inflow	JANUARY C. F. S. Outflow	Day
1	1,401.2	51.1	1.5	2.4	1,386.2	0.2	1.2	1.2	1,401.2	51.1	2.0	+	1,429.0	299.2	8.8	8.8	1
2	1,400.8	48.8	1.3	2.4	1,386.2	0.2	1.2	1.2	1,402.2	56.9	2.9	+	1,429.0	299.2	8.8	8.8	2
3	1,400.6	47.7	1.8	2.4	1,386.2	0.2	1.2	1.2	1,421.2	240.6	92.6	+	1,429.0	299.2	8.4	8.4	3
4	1,400.4	46.7	1.9	2.4	1,386.2	0.2	1.3	1.3	1,422.9	263.2	12.5	1.0	1,429.0	299.2	8.4	8.4	4
5	1,400.1	45.0	1.6	2.4	1,386.2	0.2	0.7	0.7	1,435.5	471.8	107.1	2.0	1,429.0	299.2	8.1	8.1	5
6	1,399.8	43.5	1.6	2.4	1,386.2	0.2	0.7	0.7	1,448.1	691.8 (1)	674.0	516.0	1,429.0	299.2	8.1	8.1	6
7	1,399.5	42.0	1.7	2.4	1,394.0	18.1	9.7	0.7	1,428.8	296.6	183.8	383.0	1,429.0	299.2	7.7	7.7	7
8	1,399.2	40.5	1.6	2.4	1,390.9	8.1	3.8	8.8	1,429.8	309.9	69.7	63.0	1,429.0	299.2	7.7	7.7	8
9	1,399.0	39.5	1.9	2.4	1,386.7	0.5	3.8	7.6	1,428.3	290.0	46.9	57.0	1,429.1	300.5	7.7	7.0	9
10	1,398.6	37.6	1.2	2.2	1,385.8	+	1.4	1.7	1,428.6	293.9	31.0	29.0	1,429.2	301.9	8.4	7.7	10
11	1,398.3	36.1	1.5	2.2	1,385.8	+	1.5	1.5	1,429.5	305.9	28.0	22.0	1,429.2	301.9	7.7	7.7	11
12	1,398.2	35.7	1.9	2.1	1,387.6	1.4	2.0	1.3	1,429.9	311.3	24.8	22.0	1,429.4	304.6	9.0	7.7	12
13	1,398.0	34.7	1.4	1.9	1,387.6	1.4	1.1	1.1	1,430.0	312.6	22.6	22.0	1,429.4	304.6	7.7	7.7	13
14	1,397.8	33.8	1.6	2.1	1,387.7	1.5	0.6	0.5	1,429.9	311.3	19.4	20.0	1,429.4	304.6	7.7	7.7	14
15	1,397.6	32.9	1.5	1.9	1,387.6	1.4	0	0.1	1,429.6	307.2	17.4	19.5	1,429.4	304.6	7.7	7.7	15
16	1,397.4	32.0	1.4	1.9	1,388.2	2.2	0.4	0	1,429.3	303.2	17.5	19.5	1,429.4	304.6	7.7	7.7	16
17	1,397.2	31.1	1.4	1.8	1,390.0	5.8	1.8	0	1,429.3	303.2	14.3	14.3	1,429.0	299.2	6.6	9.3	17
18	1,397.0	30.2	1.3	1.8	1,391.3	9.3	1.8	0	1,429.2	301.9	13.5	14.2	1,428.9	297.9	7.7	8.4	18
19	1,396.1	26.3	1.1	3.1	1,392.2	12.0	1.3	0	1,429.0	299.2	12.9	14.2	1,428.6	293.9	6.4	8.4	19
20	1,395.1	22.3	1.1	3.1	1,393.2	15.3	1.7	0	1,428.9	297.9	13.1	13.8	1,428.5	292.6	7.1	7.7	20
21	1,394.4	19.6	1.7	3.0	1,394.1	18.5	1.6	0	1,428.7	295.2	12.4	13.8	1,428.5	292.6	7.0	7.0	21
22	1,393.2	15.3	1.3	3.5	1,395.0	21.9	1.7	0	1,428.6	293.9	11.4	12.0	1,431.5	334.8	28.6	7.4	22
23	1,392.0	11.3	1.3	3.3	1,395.8	25.1	1.7	0	1,428.7	295.2	10.8	10.2	1,433.7	371.9	26.9	8.1	23
24	1,391.7	10.4	1.4	1.9	1,396.6	28.5	1.7	0	1,428.8	296.6	10.6	9.8	1,445.6	625.2	144.7	17.0	24
25	1,389.7	5.1	0.7	3.3	1,397.3	31.6	1.5	0	1,428.9	297.9	10.4	9.8	1,448.2	694.6	93.9	59.0	25
26	1,386.3	0.2	1.9	4.4	1,398.0	34.7	1.6	0	1,428.9	297.9	9.5	9.5	1,447.5	675.4	46.4	56.0	26
27	1,386.2	0.2	1.3	1.3	1,398.7	38.1	1.7	0	1,429.0	299.2	9.8	9.1	1,446.3	643.3	33.8	50.0	27
28	1,386.2	0.2	1.5	1.5	1,399.2	40.5	1.2	0	1,429.1	300.5	9.7	9.1	1,444.7	602.4	31.4	52.0	28
29	1,386.2	0.2	1.4	1.4	1,400.0	44.5	2.0	0	1,429.1	300.5	9.0	9.0	1,442.9	559.1	30.1	52.0	29
30	1,386.2	0.2	1.3	1.3	1,400.5	47.2	1.4	0	1,429.0	299.2	8.2	8.8	1,440.8	511.9	28.2	52.0	30
31	1,386.2	0.2	1.2	1.2					1,429.0	299.2	8.8	8.8	1,438.6	465.6	30.7	54.0	31
TOTAL			45.3	71.8			53.3	29.6			1,516.6	1,342.4			659.1	575.2	
Inf. Ac. Ft.			89.9				105.7				3,008.1				1,307.3	4,511.1	
Outf. Ac. Ft.			142.4				58.7				2,662.6				1,140.9	4,004.6	
MAXIMUM Mean Daily Inflow			1.9				9.7				674.0				144.7	674.0	
Minimum Mean Daily Inflow			0.7				0				2.0				6.4	0	
Storage Change		− 52.6				+ 47.0				+ 252.0 (1)				+ 166.4		+ 412.8 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,461.8	feet	on	4/27 & 5/9/67	Storage	1,122.1	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	1,386.2	feet	on	VARIOUS DAYS	Storage	0.2	Acre Feet	B. R. MC CARTY	Dam Tender	Gage Hts. copied JAS RAP
Max. Peak Inf.	1,716.	C. F. S. from	5:00 P.M.	on	12/6/66	to	5:20 P.M. on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied JAS RAP
Max. Peak Outf.	1,190.	C. F. S. from	6:00 P.M.	on	12/6/66	to	8:00 P.M. on	12/6/66		Hydrographer	Inf. & Outf. comp. RAP

REMARKS (1) 93.5 ACRE-FEET LOSS DUE TO SILTATION. CHANGE TO TABLE XV 12/6/66.
+ = 0.05 CFS OR LESS.

76D138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN DIMAS Dam

In San Dimas Canyon for the Year Ending September 30, 19 67

~~Or~~

Drainage Area 16.2 Square Miles. Capacity of Reservoir 1,129.1 Ac. Ft. at Spillway Elev. 1,462.0 Ft. as of April 19 67

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1,436.1	416.3	27.1	52.0	1,429.2	301.9	10.9	9.5	1,448.9	714.0	25.9	13.3	1,461.0	1,094.3	38.0	38.0	1
2	1,434.5	386.4	25.0	40.0	1,429.3	303.2	10.1	9.5	1,449.4	728.2	20.1	12.9	1,460.8	1,087.4	34.5	38.0	2
3	1,433.4	366.6	20.0	30.0	1,429.4	304.6	10.2	9.5	1,449.7	736.8	17.2	12.9	1,460.8	1,087.4	35.0	35.0	3
4	1,432.2	346.1	19.7	30.0	1,429.6	307.2	10.8	9.5	1,450.3	754.0	21.6	12.9	1,461.1	1,097.8	35.3	30.0	4
5	1,430.9	325.5	18.6	29.0	1,429.7	308.6	10.2	9.5	1,450.7	765.7	18.8	12.9	1,461.4	1,108.2	35.2	30.0	5
6	1,429.5	305.9	19.1	29.0	1,430.7	322.6	11.0	3.9	1,451.0	774.4	17.3	12.9	1,461.7	1,118.7	35.3	30.0	6
7	1,429.1	300.5	19.3	22.0	1,431.9	341.1	9.8	0.5	1,451.7	795.2	23.7	13.3	1,461.8	1,122.1	31.7	30.0	7
8	1,428.9	297.9	17.1	18.4	1,433.1	361.4	10.8	0.5	1,452.1	807.1	19.8	13.8	1,461.8	1,122.1	30.0	30.0	8
9	1,428.8	296.6	17.7	18.4	1,434.1	379.0	9.3	0.5	1,452.3	813.2	16.9	13.8	1,461.5	1,111.7	28.8	34.0	9
10	1,428.6	293.9	16.0	17.4	1,435.1	397.4	9.8	0.5	1,452.6	822.2	18.4	13.8	1,460.8	1,087.4	31.7	44.0	10
11	1,428.4	291.3	16.1	17.4	1,436.4	422.1	13.1	0.6	1,454.3	874.4	40.5	14.2	1,460.1	1,063.4	28.9	41.0	11
12	1,428.1	287.3	15.4	17.4	1,439.1	475.8	27.8	0.8	1,455.1	899.5	26.8	14.2	1,460.0	1,060.0	29.3	31.0	12
13	1,427.7	282.1	14.8	17.4	1,444.7	602.4	66.3	2.4	1,455.9	924.8	26.6	13.8	1,460.9	1,090.9	26.5	10.9	13
14	1,427.4	278.3	15.5	17.4	1,447.5	675.4	42.8	6.0	1,456.4	940.9	22.3	14.2	1,461.3	1,104.7	22.9	16.0	14
15	1,427.1	274.4	15.4	17.4	1,449.0	716.8	26.6	5.8	1,457.0	960.3	24.0	14.2	1,460.5	1,077.2	24.2	38.0	15
16	1,426.7	269.3	14.8	17.4	1,450.1	748.2	21.4	5.5	1,457.6	979.9	24.1	14.2	1,459.9	1,056.6	23.6	34.0	16
17	1,426.7	269.3	15.2	15.2	1,451.1	777.4	20.2	5.5	1,458.2	999.7	22.5	12.6	1,458.8	1,019.6	24.3	43.0	17
18	1,426.9	271.8	14.2	12.9	1,452.0	804.1	19.0	5.5	1,459.5	1,043.2	36.4	14.4	1,457.3	970.1	23.1	48.0	18
19	1,427.1	274.4	13.7	12.4	1,452.8	828.3	17.7	5.5	1,459.9	1,056.6	37.7	31.0	1,456.2	934.5	23.0	41.0	19
20	1,427.3	277.0	13.7	12.4	1,453.3	843.5	16.6	9.0	1,458.7	1,016.3	31.7	52.0	1,455.6	915.3	23.4	33.0	20
21	1,427.5	279.6	12.4	11.1	1,453.7	855.8	17.8	11.6	1,458.9	1,023.0	57.4	54.0	1,454.8	890.0	20.2	33.0	21
22	1,427.7	282.1	12.4	11.1	1,453.7	855.8	16.7	16.7	1,458.1	996.3	116.5	130.0	1,453.5	849.6	19.6	40.0	22
23	1,427.9	284.7	12.4	11.1	1,452.8	828.3	14.2	28.0	1,456.1	931.2	81.2	114.0	1,452.4	816.2	20.2	37.0	23
24	1,428.1	287.3	12.0	10.7	1,451.9	801.1	14.2	28.0	1,457.1	963.6	67.3	51.0	1,451.9	801.1	18.4	26.0	24
25	1,428.4	291.3	12.7	10.7	1,451.0	774.4	14.6	28.0	1,459.4	1,039.8	53.2	14.7	1,451.8	793.2	20.5	22.0	25
26	1,428.6	293.9	12.0	10.7	1,450.2	751.1	15.2	27.0	1,461.3	1,104.7	48.9	16.2	1,451.6	792.2	19.0	22.0	26
27	1,428.8	296.6	11.2	9.8	1,449.4	728.2	13.5	25.0	1,461.8	1,122.1	45.8	37.0	1,451.4	786.3	19.0	22.0	27
28	1,429.0	299.2	11.1	9.8	1,448.6	705.7	13.6	25.0	1,461.5	1,111.7	45.7	51.0	1,451.3	783.3	20.5	22.0	28
29					1,447.8	683.6	13.9	25.0	1,461.0	1,094.3	46.2	55.0	1,451.2	780.3	20.5	22.0	29
30					1,447.5	675.4	13.8	17.9	1,461.0	1,094.3	38.0	38.0	1,451.1	777.4	20.5	22.0	30
31					1,448.0	689.0	20.1	13.3					1,451.0	774.4	20.5	22.0	31
TOTAL			444.6	528.5			542.0	345.5			1,092.5	888.2			803.6	964.9	
Inf. Ac. Ft.			881.9				1,075.0				2,166.9				1,593.9	10,228.7	
Outf. Ac. Ft.			1,048.3				685.3				1,761.7				1,913.9	9,413.8	
Maximum Mean Daily Inflow			27.1				66.3				116.5				38.0	674.0	
Minimum Mean Daily Inflow			11.1				9.3				16.9				18.4	0	
Storage Change	− 166.4					− 389.8				+ 405.3				− 319.9		+ 721.6 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,461.8	feet	on	4/27 & 5/9/67	Storage	1,122.1	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,386.2	feet	on	VARIOUS DAYS	Storage	0.2	Acre Feet	B. R. MC CARTY	Dam Tender	Gage Hts. copied	FM	JAS RAP
Max. Peak Inf.	1,716.	C. F. S. from		5:00 P.M.	on 12/6/66	to	5:20 P.M. on 12/6/66	R. J. SARASUA	Hydrographer	Storage applied	FM	JAS RAP
Max. Peak Outf.	1,190.	C. F. S. from		6:00 P.M.	on 12/6/66	to	8:00 P.M. on 12/6/66		Hydrographer	Inf. & Outf. comp.	FM	TS RAP

REMARKS (1) 93.5 ACRE-FEET LOSS DUE TO SILTATION.

76D138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of SAN DIMAS Dam

In San Dimas Canyon for the Year Ending September 30, 19 67

~~Or~~

Drainage Area 16.2 Square Miles. Capacity of Reservoir 1,129.1 Ac. Ft. at Spillway Elev. 1,462.0 Ft. as of April 19 67

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1,450.8	768.6	19.3	22.2	1,458.7	1,016.3	10.1	+	1,415.7	144.0	7.5	0	1,439.3	480.0	5.2	+	1
2	1,450.5	759.8	17.0	21.5	1,459.2	1,033.0	8.4	|	1,417.1	158.2	7.1	0	1,439.8	490.4	5.3	|	2
3	1,450.2	751.1	17.2	21.5	1,459.8	1,053.3	10.2	|	1,418.8	176.3	9.1	0	1,440.3	501.1	5.4	|	3
4	1,449.8	739.6	15.7	21.5	1,460.3	1,070.3	8.6	+	1,419.8	197.3	5.6	0	1,440.8	511.9	5.4	|	4
5	1,449.4	728.2	15.7	21.5	1,459.3	1,036.4	11.9	29.0	1,421.0	200.7	6.7	0	1,441.3	522.9	5.6	|	5
6	1,449.0	716.8	15.8	21.5	1,457.4	973.4	12.4	44.1	1,422.1	213.3	6.4	0	1,441.7	531.7	4.4	|	6
7	1,448.9	714.0	18.2	19.7	1,455.9	924.8	13.4	37.9	1,423.2	226.2	6.5	0	1,442.0	538.4	3.4	|	7
8	1,448.9	714.0	15.8	15.8	1,454.8	890.0	11.2	28.8	1,424.2	238.2	6.1	0	1,442.4	547.6	4.6	|	8
9	1,449.1	719.6	17.7	14.8	1,453.7	855.8	11.6	28.8	1,425.2	250.5	6.2	0	1,442.7	554.5	3.5	|	9
10	1,449.4	728.2	17.6	13.3	1,452.5	819.2	10.3	28.8	1,426.1	261.7	5.6	0	1,443.1	563.8	4.7	|	10
11	1,449.7	736.8	17.6	13.3	1,451.3	783.3	9.9	28.0	1,427.1	274.4	6.4	0	1,443.5	573.3	4.8	|	11
12	1,450.0	745.3	17.6	13.3	1,450.1	748.2	10.3	28.0	1,427.9	284.7	5.2	0	1,443.8	580.4	3.6	|	12
13	1,450.4	756.9	19.7	13.8	1,448.9	714.0	10.8	28.0	1,428.7	295.2	5.3	0	1,444.2	590.1	4.9	|	13
14	1,450.5	759.8	15.2	13.8	1,447.6	678.1	10.7	28.8	1,429.5	305.9	5.4	0	1,444.5	597.5	3.7	|	14
15	1,450.7	765.7	15.5	12.5	1,446.4	646.0	12.6	28.8	1,430.2	315.5	4.8	0	1,444.8	604.9	3.7	|	15
16	1,450.9	771.5	15.3	12.4	1,445.1	612.4	11.9	28.8	1,431.0	326.9	5.8	0	1,445.1	612.4	3.8	|	16
17	1,451.0	774.4	13.9	12.4	1,443.8	580.4	12.6	28.8	1,431.7	338.0	5.6	0	1,445.5	622.6	5.1	|	17
18	1,451.1	777.4	13.9	12.4	1,442.4	547.6	11.5	28.0	1,432.3	347.8	4.9	0	1,445.8	630.3	3.9	|	18
19	1,451.2	780.3	13.9	12.4	1,440.9	514.0	11.0	28.0	1,432.9	357.9	5.1	0	1,446.2	640.7	5.3	|	19
20	1,451.2	780.3	12.4	12.4	1,439.2	477.9	8.9	27.1	1,433.5	368.4	5.3	0	1,446.5	648.6	3.9	|	20
21	1,451.8	798.2	13.6	4.6	1,437.7	447.5	11.8	27.1	1,434.1	379.0	5.3	0	1,446.8	656.5	4.0	|	21
22	1,452.6	822.2	12.1	+	1,436.1	416.3	11.4	27.1	1,434.7	390.0	5.6	0	1,447.1	664.5	4.1	|	22
23	1,453.4	846.6	12.3	|	1,434.3	382.7	10.1	27.1	1,435.3	401.2	5.6	0	1,447.5	675.4	5.5	|	23
24	1,454.1	868.1	10.8	|	1,432.5	351.2	9.1	24.9	1,435.7	408.7	3.8	0	1,447.8	683.6	4.1	|	24
25	1,454.9	893.2	12.7	|	1,430.5	319.8	8.3	24.2	1,436.2	418.3	4.9	0	1,448.2	694.6	5.5	|	25
26	1,455.6	915.3	11.1	|	1,428.2	288.6	7.8	23.5	1,436.7	427.9	4.8	0	1,448.6	705.7	5.6	|	26
27	1,456.2	934.5	9.7	|	1,425.3	251.7	10.3	28.9	1,437.1	435.7	3.9	0	1,448.9	714.0	4.2	|	27
28	1,456.8	953.8	9.7	|	1,421.6	207.5	9.2	31.5	1,437.6	445.5	5.0	0	1,449.1	719.6	2.8	+	28
29	1,457.5	976.6	11.5	|	1,418.5	173.1	8.2	25.5	1,438.1	455.4	5.0	0	1,449.3	725.4	9.2	6.2	29
30	1,458.1	996.3	10.0	+	1,415.6	143.0	9.0	24.2	1,438.5	463.6	4.1	0	1,448.9	714.0	2.6	8.4	30
31					1,414.2	129.2	9.1	16.1	1,438.8	469.6	3.0	0					31
TOTAL			438.5	326.6			322.6	759.8			171.6	0			137.8	14.6	
Inf. Ac. Ft.			869.8				639.9				340.4				273.3	12,352.1	
Outf. Ac. Ft.			647.8				1,507.0				0				29.0	11,597.6	
Maximum Mean Daily Inflow			19.7				13.4				9.1				9.2	674.0	
Minimum Mean Daily Inflow			9.7				7.8				3.0				2.6	0	
Storage Change	+ 221.9					− 867.1				+ 340.4				+ 244.4		+ 661.2 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,461.8	feet	on	4/27 & 5/9/67	Storage	1,122.1	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,386.2	feet	on	VARIOUS	Storage	0.2	Acre Feet	B. R. MC CARTY	Dam Tender	Gage Hts. copied	TS	RAP
Max. Peak Inf.	1,716.	C. F. S. from		5:00 P.M.	on 12/6/66	to	5:20 P.M. on 12/6/66	R. J. SARASUA	Hydrographer	Storage applied	TS	RAP
Max. Peak Outf.	1,190.	C. F. S. from		6:00 P.M.	on 12/6/66	to	8:00 P.M. on 12/6/66		Hydrographer	Inf. & Outf. comp.	TS	RAP

REMARKS (1) 93.5 ACRE-FEET LOSS DUE TO SILTATION.

+ = 0.05 CFS OR LESS.

760130N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE DIVERSION Dam

In San Dimas Wash On for the Year Ending September 30, 1966

Drainage Area 3.67 Square Miles. Capacity of Reservoir 124.8 158.1 Ac. Ft. at Spillway Elev. 1,152.5 Ft. as of May 1966 October 1965

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	OCTOBER				NOVEMBER				DECEMBER				JANUARY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1,133.0	0	0	0	1,133.0	0	0	0	1,145.56	65.2	16.7	14.7	1,145.96	50.1	69.1	67.2	1
2	1,133.0	0	0	0	1,133.0	0	0	0	1,145.55	65.1	12.2	10.0	1,145.95	50.0	67.4	65.5	2
3	1,133.0	0	0	0	1,133.0	0	0	0	1,145.41	63.6	10.3	9.1	1,145.94	50.0	65.6	63.6	3
4	1,133.0	0	0	0	1,133.0	0	0	0	1,145.00	59.5	6.6	6.8	1,145.75	48.6	64.0	62.7	4
5	1,133.0	0	0	0	1,133.0	0	0	0	1,144.41	53.8	5.3	6.6	1,145.23	44.8	43.8	43.7	5
6	1,133.0	0	0	0	1,133.0	0	0	0	1,143.76	47.8	5.0	6.6	1,145.69	48.1	34.3	30.9	6
7	1,133.0	0	0	0	1,133.0	0	0	0	1,143.09	41.8	4.6	6.4	1,143.95	36.2	27.1	31.4	7
8	1,133.0	0	0	0	1,133.0	0	0	0	1,142.38	35.9	4.5	6.2	1,143.98	36.4	33.0	31.2	8
9	1,133.0	0	0	0	1,133.0	0	0	0	1,143.17	42.5	10.6	6.0	1,143.84	35.5	32.6	31.4	9
10	1,133.0	0	0	0	1,133.0	0	0	0	1,143.48	45.3	9.2	6.4	1,143.69	34.6	32.5	31.2	10
11	1,133.0	0	0	0	1,133.0	0	0	0	1,144.62	55.9	13.3	6.4	1,143.48	33.3	31.9	30.9	11
12	1,133.0	0	0	0	1,133.0	0	0	0	1,144.42	53.9	7.1	6.4	1,143.20	31.5	31.4	30.6	12
13	1,133.0	0	0	0	1,133.0	0	0	0	1,144.36	53.4	7.4	6.0	1,142.87	29.6	28.5	28.2	13
14	1,133.0	0	0	0	1,133.0	0	0	0	1,144.30	52.8	7.2	5.8	1,142.81	29.2	22.2	21.2	14
15	1,133.0	0	0	0	1,133.0	0	0	0	1,144.22	52.0	7.1	5.8	1,143.00	30.3	19.7	18.0	15
16	1,133.0	0	0	0	1,135.65	2.1	1.1	0	1,144.28	52.6	8.8	6.8	1,142.98	30.2	17.0	15.8	16
17	1,133.0	0	0	0	1,136.37	3.8	0.9	0	1,144.38	53.5	9.4	7.3	1,142.88	29.6	16.4	15.5	17
18	1,133.0	0	0	0	1,136.07	2.9	0.2	0.4	1,144.49	54.6	9.6	7.3	1,142.71	28.6	16.2	15.5	18
19	1,133.0	0	0	0	1,138.05	9.7	3.6	0	1,144.55	55.2	9.3	7.3	1,142.42	27.0	16.1	15.7	19
20	1,133.0	0	0	0	1,139.80	18.3	7.5	2.8	1,144.66	56.2	9.5	7.3	1,142.41	26.9	14.3	13.2	20
21	1,133.0	0	0	0	1,139.08	14.5	2.8	4.3	1,144.74	57.0	9.8	7.7	1,142.39	26.8	14.1	12.9	21
22	1,133.0	0	0	0	1,143.07	93.3	141.1	98.2	1,144.77	57.3	9.6	7.7	1,142.26	26.1	13.5	12.7	22
23	1,133.0	0	0	0	1,145.97	693	319.9	329.6	1,144.80	57.6	9.5	7.7	1,142.12	25.3	13.3	12.5	23
24	1,133.0	0	0	0	1,145.89	68.5	79.0	77.0	1,144.78	57.4	9.3	7.7	1,141.99	24.6	13.3	12.5	24
25	1,133.0	0	0	0	1,145.97	69.3	59.5	55.7	1,144.89	58.4	9.2	7.0	1,141.31	21.2	11.3	12.2	25
26	1,133.0	0	0	0	1,145.92	68.8	63.8	61.6	1,144.96	59.1	8.7	6.6	1,140.39	16.9	9.1	10.4	26
27	1,133.0	0	0	0	1,145.90	68.6	60.0	57.7	1,144.88	58.3	8.5	7.2	1,139.69	13.8	8.0	8.8	27
28	1,133.0	0	0	0	1,145.90	68.6	59.3	56.9	1,144.43	54.0	8.3	8.8	1,139.65	13.7	6.7	6.0	28
29	1,133.0	0	0	0	1,145.88	68.4	57.6	55.3	1,146.68	56.0 (1)	115.0	101.2	1,139.65	13.7	6.4	5.6	29
30	1,133.0	0	0	0	1,145.63	65.9	33.5	32.4	1,145.96	50.1	139.6	140.6	1,139.77	14.2	8.4	7.3	30
31	1,133.0	0	0	0					1,145.98	50.3	69.3	67.2	1,139.73	14.0	6.9	6.2	31
TOTAL			0	0			888.8	831.9			570.5	514.6			794.1	770.5	
Inf. Ac. Ft.			0				1,762.9				1,131.6				1,575.1	4,469.6	
Outf. Ac. Ft.			0 + (0)				1,650.0 + (47.0)				1,020.7 + (105.5)				1,528.3 + (83.1)	4,199.0 + (235.6)	
Maximum Mean Daily Inflow			0				319.9				139.6				69.1	319.9	
Minimum Mean Daily Inflow			0				0				4.5				6.4	0	
Storage Change			0			+ 65.9				- 15.6				- 36.3		+ 14.0 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,148.12	feet	on	11/22/65	Storage	93.7	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,133.	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	B. R. MC CARTY	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	864.	C. F. S. from	10:45 P.M.	on	11/22/65	to	11:00 P.M. on	11/22/65	R. J. SARASUA	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	851.	C. F. S. from	11:00 P.M.	on	11/22/65	to	11:15 P.M. on	11/22/65		Hydrographer	Inf. & Outf. comp.	JAS	RAP

REMARKS (1) 21.0 ACRE-FEET LOSS DUE TO SILTATION. CHANGE TO STORAGE TABLE XII 12/29/65.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

760130N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE DIVERSION Dam

In San Dimas Wash On for the Year Ending September 30, 1966

Drainage Area 3.67 Square Miles. Capacity of Reservoir 124.8 Ac. Ft. at Spillway Elev. 1,152.5 Ft. as of May 1966

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1,139.72	14.0	6.6	5.8	1,140.84	18.9	8.6	8.8	1,139.95	14.9	6.5	5.6	1,133.20	0	0	0	1
2	1,139.73	14.0	6.4	5.6	1,140.48	17.3	8.8	8.6	1,139.97	15.0	6.6	5.6	1,133.20	0	0	0	2
3	1,139.77	14.2	6.2	5.3	1,140.21	16.0	8.2	7.9	1,139.97	15.0	6.7	5.8	1,133.20	0	0	0	3
4	1,139.78	14.2	6.1	5.3	1,139.95	14.9	7.9	7.5	1,139.97	15.0	6.5	5.6	1,133.20	0	0	0	4
5	1,139.75	14.1	6.2	5.4	1,139.78	14.2	7.8	7.3	1,139.98	15.0	6.4	5.5	1,133.20	0	0	0	5
6	1,141.79	23.6	13.0	7.3	1,139.78	14.2	7.5	6.6	1,139.98	15.0	6.4	5.5	1,133.20	0	0	0	6
7	1,143.18	31.4	16.7	11.3	1,139.81	14.3	7.4	6.4	1,139.98	15.0	6.5	5.6	1,133.20	0	0	0	7
8	1,143.55	33.7	23.9	21.4	1,139.34	12.4	3.9	4.0	1,139.28	12.1	4.0	4.7	1,133.20	0	0	0	8
9	1,144.13	37.4	36.1	32.5	1,140.00	15.1	4.4	2.1	1,136.50	3.2	0	4.1	1,134.45	0.5	0.5	0	9
10	1,144.06	36.9	35.5	34.1	1,140.40	16.9	10.1	8.3	1,134.60	0.6	0	1.3	1,134.58	0.6	2.2	1.8	10
11	1,142.10	25.2	27.8	32.5	1,140.00	15.1	8.1	8.1	1,134.58	0.6	0	0	1,136.87	4.0	3.2	0.9	11
12	1,140.15	15.8	19.5	23.3	1,139.80	14.3	8.0	7.5	1,134.56	0.6	0	0	1,138.44	9.0	3.2	0	12
13	1,140.25	16.2	18.4	17.3	1,139.80	14.3	7.7	6.8	1,134.53	0.5	0	0	1,139.73	14.0	3.4	0	13
14	1,141.72	23.2	17.4	12.9	1,139.80	14.3	7.5	6.6	1,134.48	0.5	0	0	1,140.86	19.0	3.4	0	14
15	1,143.84	35.5	17.5	9.7	1,139.80	14.3	7.5	6.6	1,134.47	0.5	0	0	1,141.81	23.6	3.3	0	15
16	1,144.49	39.7	14.6	10.6	1,139.82	14.4	7.5	6.6	1,134.47	0.5	0	0	1,142.70	28.6	3.7	0	16
17	1,144.49	39.7	12.4	10.6	1,139.82	14.4	7.5	6.6	1,134.47	0.5	0	0	1,142.48	27.3	3.5	2.9	17
18	1,144.48	39.7	12.2	10.4	1,139.84	14.4	7.3	6.4	1,134.47	0.5	0	0	1,141.88	24.0	3.9	4.4	18
19	1,144.46	39.5	11.9	10.2	1,139.84	14.4	7.3	6.4	1,134.47	0.5	0	0	1,141.40	21.6	4.2	4.2	19
20	1,144.23	38.0	11.4	10.4	1,139.83	14.4	7.3	6.4	1,134.45	0.5	0	0	1,141.00	19.6	4.3	4.2	20
21	1,144.04	36.8	11.5	10.4	1,139.83	14.4	7.3	6.4	1,134.45	0.5	0	0	1,140.68	18.2	4.4	4.0	21
22	1,143.82	35.4	11.6	10.6	1,139.85	14.5	7.2	6.2	1,134.25	0.4	0	0	1,140.47	17.2	4.3	3.7	22
23	1,143.48	33.3	11.1	10.6	1,139.90	14.7	7.0	6.0	1,134.08	0.3	0	0	1,140.31	16.5	4.2	3.5	23
24	1,143.13	31.1	11.3	10.9	1,140.00	15.1	7.7	6.6	1,133.90	0.2	0	0	1,140.20	16.0	3.9	3.1	24
25	1,142.75	28.9	10.9	10.6	1,139.93	14.8	8.0	7.3	1,133.72	0.1	0	0	1,140.13	15.7	3.7	2.9	25
26	1,142.31	26.4	10.3	10.2	1,139.92	14.8	7.3	6.4	1,133.55	0.1	0	0	1,140.08	15.5	4.0	3.1	26
27	1,141.81	23.6	9.4	9.7	1,139.92	14.8	7.3	6.4	1,133.38	0.1	0	0	1,140.03	15.2	3.9	3.1	27
28	1,141.34	21.3	9.2	9.3	1,139.92	14.8	6.9	6.0	1,133.20	0	0	0	1,140.02	15.2	3.8	2.9	28
29					1,139.92	14.8	6.9	6.0	1,133.20	0	0	0	1,139.93	14.8	3.3	2.6	29
30					1,139.94	14.9	7.0	6.0	1,133.20	0	0	0	1,139.86	14.5	3.1	2.4	30
31					1,139.95	14.9	6.7	5.8					1,139.97	15.0	4.0	2.9	31
TOTAL			405.1	364.2			229.6	204.6			49.6	49.3			81.4	52.6	
Inf. Ac. Ft.			803.5				455.4				98.4				161.4	5,988.3	
Outf. Ac. Ft.			722.4 + (73.9)				405.8 + (55.9)				97.8 + (15.5)				104.3 + (42.0)	5,529.3 + (422.9)	
Maximum Mean Daily Inflow			36.1				10.1				6.7				4.4	319.9	
Minimum Mean Daily Inflow			6.1				3.9				0				0	0	
Storage Change		+ 7.3				- 6.4				- 14.9				+ 15.0		+ 15.0 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,148.12	feet	on	11/22/65	Storage	93.7	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,133.	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	B. R. MC CARTY	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	864.	C. F. S. from	10:45 P.M.	on	11/22/65	to	11:00 P.M. on	11/22/65	R. J. SARASUA	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	851.	C. F. S. from	11:00 P.M.	on	11/22/65	to	11:15 P.M. on	11/22/65		Hydrographer	Inf. & Outf. comp.	JAS	RAP

REMARKS (1) ACRE-FEET LOSS DUE TO SILTATION.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE DIVERSION Dam

In San Dimas Wash for the Year Ending September 30, 19 66

~~On~~

Drainage Area 3.67 Square Miles. Capacity of Reservoir 124.8 Ac. Ft. at Spillway Elev. 1,152.5 Ft. as of May 19 66

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C.F.S. Inflow	JUNE C.F.S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C.F.S. Inflow	JULY C.F.S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C.F.S. Inflow	AUGUST C.F.S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C.F.S. Inflow	SEPTEMBER C.F.S. Outflow	Day
1	1,140.03	15.2	3.8	2.9	1,139.35	12.4	2.4	1.8	1,139.35	12.4	1.9	1.4	1,139.34	12.4	1.4	0.8	1
2	1,140.03	15.2	3.4	2.6	1,139.35	12.4	2.4	1.8	1,139.34	12.4	2.1	1.5	1,139.34	12.4	1.4	0.8	2
3	1,139.90	14.7	3.3	2.9	1,139.35	12.4	2.4	1.8	1,139.35	12.4	2.1	1.5	1,139.33	12.4	1.4	0.8	3
4	1,139.74	14.0	3.5	2.9	1,139.34	12.4	2.4	1.8	1,139.35	12.4	2.0	1.4	1,139.34	12.4	1.3	0.7	4
5	1,139.70	13.9	3.3	2.6	1,139.34	12.4	2.4	1.8	1,139.36	12.5	2.0	1.4	1,139.33	12.4	1.3	0.7	5
6	1,139.68	13.8	3.2	2.4	1,139.34	12.4	2.4	1.8	1,139.36	12.5	2.0	1.4	1,139.33	12.4	1.3	0.7	6
7	1,139.67	13.7	3.1	2.4	1,139.34	12.4	2.2	1.6	1,139.36	12.5	1.8	1.2	1,139.33	12.4	1.3	0.7	7
8	1,139.68	13.8	3.3	2.4	1,139.35	12.4	2.1	1.5	1,139.35	12.4	1.8	1.2	1,139.32	12.3	1.2	0.6	8
9	1,139.70	13.9	3.2	2.4	1,139.36	12.5	2.3	1.6	1,139.36	12.5	1.8	1.2	1,139.32	12.3	1.2	0.6	9
10	1,139.71	13.9	3.2	2.4	1,139.37	12.5	2.2	1.6	1,139.37	12.5	1.8	1.2	1,139.32	12.3	1.2	0.6	10
11	1,139.75	14.1	3.2	2.4	1,139.37	12.5	2.2	1.6	1,139.37	12.5	1.8	1.2	1,139.33	12.4	1.2	0.6	11
12	1,139.78	14.2	3.1	2.3	1,139.39	12.6	2.2	1.6	1,139.37	12.5	1.8	1.2	1,139.32	12.3	1.2	0.6	12
13	1,139.72	14.0	2.9	2.3	1,139.41	12.7	2.3	1.6	1,139.37	12.5	1.8	1.2	1,139.32	12.3	1.2	0.6	13
14	1,139.67	13.7	2.6	2.1	1,139.39	12.6	2.1	1.6	1,139.36	12.5	1.7	1.1	1,139.32	12.3	1.2	0.6	14
15	1,139.62	13.5	2.7	2.1	1,139.40	12.6	2.2	1.6	1,139.36	12.5	1.7	1.1	1,139.32	12.3	1.2	0.6	15
16	1,139.60	13.5	2.8	2.1	1,139.37	12.5	2.4	1.8	1,139.36	12.5	1.5	0.9	1,139.32	12.3	1.2	0.6	16
17	1,139.54	13.2	2.7	2.1	1,139.37	12.5	2.2	1.6	1,139.36	12.5	1.5	0.9	1,139.32	12.3	1.2	0.6	17
18	1,139.48	13.0	2.6	2.0	1,139.37	12.5	2.2	1.6	1,139.36	12.5	1.5	0.9	1,139.32	12.3	1.2	0.6	18
19	1,139.58	13.4	2.8	1.9	1,139.39	12.6	2.2	1.6	1,139.31	12.3	1.3	0.8	1,139.33	12.4	1.2	0.6	19
20	1,139.73	14.0	2.6	1.6	1,139.39	12.6	2.4	1.8	1,139.30	12.2	1.2	0.6	1,139.32	12.3	1.2	0.6	20
21	1,139.87	14.6	2.5	1.6	1,139.38	12.6	2.4	1.8	1,139.31	12.3	1.2	0.6	1,139.32	12.3	1.2	0.6	21
22	1,139.67	13.7	2.1	2.0	1,139.38	12.6	2.4	1.8	1,139.32	12.3	1.3	0.7	1,139.30	12.2	1.1	0.6	22
23	1,139.42	12.7	2.4	2.3	1,139.38	12.6	2.4	1.8	1,139.32	12.3	1.3	0.7	1,139.30	12.2	1.0	0.4	23
24	1,139.43	12.8	3.1	2.4	1,139.55	13.3	2.5	1.5	1,139.32	12.3	1.3	0.7	1,139.30	12.2	1.0	0.4	24
25	1,139.39	12.6	3.3	2.8	1,139.47	12.9	2.2	1.8	1,139.32	12.3	1.3	0.7	1,139.29	12.2	1.0	0.4	25
26	1,139.43	12.8	3.1	2.4	1,139.40	12.6	2.2	1.8	1,139.32	12.3	1.2	0.6	1,139.29	12.2	1.0	0.4	26
27	1,139.47	12.9	3.0	2.4	1,139.40	12.6	2.4	1.8	1,139.32	12.3	1.2	0.6	1,139.28	12.1	0.9	0.4	27
28	1,139.49	13.0	2.6	1.9	1,139.40	12.6	2.4	1.8	1,139.34	12.4	1.3	0.6	1,139.28	12.1	0.9	0.3	28
29	1,139.35	12.4	2.2	1.9	1,139.40	12.6	2.2	1.6	1,139.34	12.4	1.2	0.6	1,139.30	12.2	0.9	0.3	29
30	1,139.35	12.4	2.4	1.8	1,139.40	12.6	2.2	1.6	1,139.34	12.4	1.4	0.8	1,139.28	12.1	0.9	0.3	30
31					1,139.38	12.6	2.2	1.6	1,139.34	12.4	1.4	0.8					31
TOTAL			88.0	68.3			71.1	52.4			49.2	30.7			34.9	17.1	
Inf. Ac. Ft.			174.5				141.0				97.6				89.2	6,470.6	
Outf. Ac. Ft.			135.5 + (41.7)				103.9 + (36.9)				60.9 + (36.9)				33.9 + (35.7)	5,863.5 + (574.1)	
Maximum Mean Daily Inflow			3.8				2.5				2.1				1.4	319.9	
Minimum Mean Daily Inflow			2.1				2.1				1.2				0.9	0	
Storage Change			− 2.6				+ 0.2				− 0.2				− 0.3	+ 12.1 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,148.12	feet	on	11/22/65	Storage	93.7	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,133.	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	B. R. MC CARTY	Dam Tender	Gage Hts. copied	JAS	RAP
Max. Peak Inf.	864.	C. F. S. from	10:45 P.M.	on	11/22/65	to	11:00 P.M.	on	11/22/65	R. J. SARASUA	Hydrographer	Storage applied	JAS	RAP
Max. Peak Outf.	851.	C. F. S. from	11:00 P.M.	on	11/22/65	to	11:15 P.M.	on	11/22/65		Hydrographer	Inf. & Outf. comp.	JAS	RAP

REMARKS (1) 21.0 ACRE-FEET LOSS DUE TO SILTATION.

( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE DIVERSION Dam

In San Dimas Wash for the Year Ending September 30, 19 67

~~On~~

Drainage Area 3.67 Square Miles. Capacity of Reservoir 88.3 Ac. Ft. at Spillway Elev. 1,152.5 Ft. as of March 19 67

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	1,139.3	4.7	1.2	0.6	1,139.4	5.0	1.6	0.9	1,134.4	0	0	0	1,145.6	27.1	7.1	5.0	1
2	1,139.3	4.7	1.2	0.6	1,139.4	5.0	1.7	1.0	1,136.1	0.2	0.2	+	1,145.6	27.1	7.6	5.5	2
3	1,139.3	4.7	1.2	0.6	1,139.3	4.7	1.8	1.3	1,145.6	27.1	26.1	10.5	1,145.6	27.1	7.2	5.1	3
4	1,139.3	4.7	1.2	0.6	1,139.0	4.0	2.0	1.6	1,144.9	23.8	3.0	2.7	1,145.6	27.1	9.4	7.3	4
5	1,139.3	4.7	1.2	0.6	1,138.9	3.8	2.1	1.5	1,146.2	30.1	65.5	60.0	1,145.6	27.1	7.9	5.8	5
6	1,139.3	4.7	1.0	0.4	1,138.8	3.6	2.0	1.4	1,149.6	55.1	957.5	941	1,145.6	27.1	8.0	5.9	6
7	1,139.3	4.7	1.0	0.4	1,140.7	8.5	4.4	1.2	1,146.0	29.0	500.1	511	1,145.6	27.1	8.0	5.9	7
8	1,139.2	4.4	1.0	0.6	1,143.0	16.0	6.3	1.1	1,146.0	29.0	70.3	68	1,145.6	27.1	8.2	6.1	8
9	1,139.2	4.4	1.0	0.4	1,144.1	20.3	5.9	2.0	1,145.9	28.5	64.1	62	1,145.6	27.1	6.2	4.1	9
10	1,139.2	4.4	1.0	0.4	1,143.5	18.0	3.9	3.5	1,145.7	27.6	35.7	34	1,145.6	27.1	5.9	3.8	10
11	1,139.2	4.4	0.9	0.3	1,142.9	15.6	3.6	3.5	1,145.7	27.6	26.2	24	1,145.6	27.1	7.1	5.0	11
12	1,139.2	4.4	0.9	0.3	1,142.1	12.8	3.3	3.3	1,145.7	27.6	25.2	23	1,145.6	27.1	8.4	6.3	12
13	1,139.2	4.4	0.8	0.2	1,141.5	10.9	3.2	2.8	1,145.7	27.6	25.2	23	1,145.6	27.1	7.0	4.9	13
14	1,139.2	4.4	0.9	0.3	1,141.1	9.6	2.7	2.2	1,145.7	27.6	24.2	22	1,145.6	27.1	6.8	4.7	14
15	1,139.1	4.2	0.8	0.3	1,141.0	9.3	2.6	1.6	1,145.7	27.6	23.2	21	1,145.6	27.1	7.4	5.3	15
16	1,139.1	4.2	0.9	0.3	1,140.9	9.0	2.3	1.5	1,145.7	27.6	22.2	20	1,145.6	27.1	7.6	5.5	16
17	1,139.1	4.2	0.8	0.2	1,140.3	7.3	1.4	1.3	1,145.6	27.1	19.8	17.9	1,145.6	27.1	9.3	7.2	17
18	1,139.0	4.0	0.5	0	1,139.7	5.7	1.1	1.1	1,145.6	27.1	17.7	15.6	1,145.6	27.1	8.1	6.0	18
19	1,139.4	5.0	1.7	0.5	1,139.2	4.4	1.0	1.0	1,145.6	27.1	17.9	15.9	1,145.6	27.1	9.1	7.0	19
20	1,139.4	5.0	1.6	1.0	1,138.8	3.6	0.9	0.7	1,145.6	27.1	16.5	14.4	1,145.6	27.1	8.5	6.4	20
21	1,139.4	5.0	1.5	0.9	1,138.5	3.0	0.8	0.6	1,145.6	27.1	14.7	12.6	1,145.6	27.1	6.5	4.4	21
22	1,139.4	5.0	2.4	1.8	1,138.1	2.2	0.7	0.7	1,145.6	27.1	14.6	12.5	1,145.9	28.5	23.8	21	22
23	1,139.4	5.0	2.1	1.5	1,137.5	1.4	0.6	0.7	1,145.6	27.1	14.4	12.3	1,145.6	27.1	19.8	18.4	23
24	1,139.2	4.4	1.1	0.9	1,136.7	0.6	0.6	0.8	1,145.6	27.1	11.8	9.7	1,146.2	30.1	80.6	77	24
25	1,139.8	5.9	2.4	0.9	1,135.8	0.1	0.4	0.6	1,145.6	27.1	12.7	10.6	1,146.0	29.0	87.7	86	25
26	1,140.3	7.3	2.3	0.9	1,134.4	0	0.2	0.3	1,145.6	27.1	12.5	10.4	1,146.0	29.0	71.2	69	26
27	1,139.4	5.0	1.7	2.1	1,134.4	0	0	0	1,145.6	27.1	12.5	10.4	1,146.0	29.0	62.2	60	27
28	1,139.4	5.0	1.9	1.2	1,134.4	0	0	0	1,145.6	27.1	12.2	10.1	1,146.0	29.0	61.2	59	28
29	1,139.4	5.0	1.8	1.1	1,134.4	0	0	0	1,145.6	27.1	12.5	10.4	1,146.0	29.0	57.2	55	29
30	1,139.4	5.0	1.8	1.1	1,134.4	0	0	0	1,145.6	27.1	12.1	10.0	1,146.0	29.0	58.2	56	30
31	1,139.4	5.0	1.7	1.0					1,145.6	27.1	9.7	7.6	1,146.0	29.0	58.2	56	31
TOTAL			41.5	22.0			57.1	38.2			2,080.3	2,002.5			741.4	674.6	
Inf. Ac. Ft.			82.3				113.3				4,126.2				1,470.5	5,792.3	
Outf. Ac. Ft.			43.6 + (38.3)				75.8 + (42.6)				3,971.9 + (127.1)				1,338.0 + (130.5)	5,429.3 + (338.5)	
Maximum Mean Daily Inflow			2.4				6.3				957.5				87.7	957.5	
Minimum Mean Daily Inflow			0.5				0				0				5.9	0	
Storage Change			+ 0.3				− 5.0				+ 27.1				+ 1.9	+ 24.3	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,152.7	feet	on	5/16/67	Storage	91.0	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,135.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	G. H. SHEPHERD	Dam Tender	Gage Hts. copied	TS	RAP
Max. Peak Inf.	2,230.	C. F. S. from	7:06 P.M.	on	12/6/66	to	8:06 P.M.	on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied	FM	RAP
Max. Peak Outf.	2,230.	C. F. S. from	7:06 P.M.	on	12/6/66	to	8:06 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	FM	RAP

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

+ = 0.05 CFS OR LESS.

760136N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE DIVERSION Dam

In San Dimas Wash for the Year Ending September 30, 19 67

~~On~~

Drainage Area 3.67 Square Miles. Capacity of Reservoir 88.3 Ac. Ft. at Spillway Elev. 1,152.5 Ft. as of March 19 67

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	1,146.0	29.0	54.2	52	1,145.3	25.6	9.3	7.5	1,145.7	27.6	26.5	24	1,145.8	28.0	49.9	47	1
2	1,145.8	28.0	45.7	44	1,145.3	25.6	9.6	7.5	1,145.6	27.1	14.2	12.3	1,145.9	28.5	50.5	48	2
3	1,145.8	28.0	27.2	25	1,145.3	25.6	9.6	7.5	1,145.6	27.1	15.8	13.6	1,145.8	28.0	43.9	42	3
4	1,145.8	28.0	40.2	38	1,145.4	26.1	9.6	7.2	1,145.6	27.1	18.8	16.6	1,145.8	28.0	31.2	29	4
5	1,145.8	28.0	34.2	32	1,145.4	26.1	9.1	7.0	1,145.6	27.1	11.7	9.5	1,145.8	28.0	22.2	20	5
6	1,145.8	28.0	36.2	34	1,143.5	18.0	5.0	7.0	1,145.6	27.1	13.6	11.4	1,145.8	28.0	30.2	28	6
7	1,145.8	28.0	32.2	30	1,140.4	7.6	1.6	6.0	1,145.6	27.1	19.5	17.3	1,145.8	28.0	9.2	7.0	7
8	1,145.7	27.6	21.9	19.9	1,139.0	4.0	1.8	3.0	1,145.6	27.1	18.1	15.9	1,145.8	28.0	28.2	26	8
9	1,145.7	27.6	19.0	16.8	1,139.4	5.0	1.6	4	1,145.6	27.1	13.7	11.5	1,145.9	28.5	40.5	38	9
10	1,145.6	27.1	21.7	19.8	1,139.6	5.4	1.3	0.4	1,145.6	27.1	11.6	9.4	1,145.9	28.5	47.2	45	10
11	1,145.6	27.1	18.9	16.7	1,140.1	6.7	1.8	0.4	1,145.6	27.1	27.2	25	1,145.8	28.0	45.9	44	11
12	1,145.6	27.1	19.9	17.7	1,143.0	16.0	7.2	0.4	1,145.7	27.6	17.2	14.7	1,145.8	28.0	36.2	34	12
13	1,145.7	27.6	18.5	16.0	1,145.4	26.1	10.5	3.2	1,145.6	27.1	13.1	11.2	1,144.3	21.2	20.7	22	13
14	1,145.7	27.6	15.9	13.7	1,145.6	27.1	8.6	5.9	1,145.7	27.6	15.3	12.8	1,147.6	38.7	18.0	6.2	14
15	1,145.6	27.1	19.8	17.9	1,145.5	26.6	7.7	5.7	1,145.6	27.1	13.5	11.6	1,152.7	91.0	35.1	3.0	15
16	1,145.6	27.1	17.7	15.5	1,144.8	23.3	8.1	7.7	1,146.6	27.1	13.2	11.0	1,152.6	89.6	30.3	25.3	16
17	1,145.6	27.1	15.1	12.9	1,143.7	18.7	7.9	8.7	1,145.6	27.1	14.5	12.3	1,152.6	89.6	40	34.3	17
18	1,145.6	27.1	13.5	11.3	1,142.8	15.3	7.8	8.1	1,145.8	28.0	26.7	24	1,152.7	91.0	45.7	39.3	18
19	1,145.6	27.1	12.7	10.5	1,142.0	12.5	7.2	7.5	1,146.0	29.0	53.7	51	1,152.6	89.6	37.3	32.3	19
20	1,145.6	27.1	13.3	11.1	1,142.4	13.9	9.2	7.0	1,146.0	29.0	56.2	54	1,152.6	89.6	30	24.3	20
21	1,145.6	27.1	11.9	9.7	1,143.5	18.0	11.2	7.5	1,146.0	29.0	73.2	71	1,152.6	89.6	30	24.3	21
22	1,145.6	27.1	12.8	10.6	1,145.8	28.0	16.4	9.1	1,146.4	31.2	112.3	109	1,152.7	91.0	37.7	31.3	22
23	1,145.6	27.1	12.6	10.4	1,145.8	28.0	25.2	23	1,146.1	29.6	100.4	99	1,152.6	89.6	33.3	28.3	23
24	1,145.6	27.1	11.3	9.1	1,145.8	28.0	31.2	29	1,145.7	27.6	32.2	31	1,152.6	89.6	23	17.3	24
25	1,145.6	27.1	10.7	8.5	1,145.8	28.0	28.2	26	1,145.7	27.6	18.2	16.0	1,152.6	89.6	19.0	13.3	25
26	1,145.5	26.6	10.0	9.1	1,145.8	28.0	28.2	26	1,145.7	27.6	18.2	16.0	1,152.6	89.6	19.0	13.3	26
27	1,145.4	26.1	9.7	7.9	1,145.7	27.6	34.0	32	1,145.9	28.5	39.6	37	1,152.6	89.6	19	13.3	27
28	1,145.4	26.1	9.8	7.7	1,145.7	27.6	33.2	31	1,146.1	29.6	61.8	59	1,152.6	89.6	19	13.3	28
29					1,145.7	27.6	29.2	27	1,145.9	28.5	62.6	61	1,152.6	89.6	19	13.3	29
30					1,145.6	27.1	18.0	16.1	1,145.9	28.5	49.2	46	1,152.6	89.6	19	13.3	30
31					1,145.6	27.1	20.0	17.8					1,152.6	89.6	19	13.3	31
TOTAL			586.6	526.8			409.3	352.6			980.8	914.1			948.2	789.0	
Inf. Ac. Ft.			1,163.5				811.8				1,945.4				1,880.7	11,593.7	
Outf. Ac. Ft.			1,044.9 + (121.6)				699.4 + (111.5)				1,813.1 + (130.9)				1,565.0 + (254.7)	10,551.7 + (957.2)	
Maximum Mean Daily Inflow			54.2				34.0				112.3				50.5	957.5	
Minimum Mean Daily Inflow			9.7				1.3				11.6				5.5	0	
Storage Change		− 2.9				+ 1.0				+ 1.4				+ 61.1		+ 84.9	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,152.7	feet	on 5/16/67	Storage	91.0	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	1,135.0	feet	on VARIOUS DAYS	Storage	0	Acre Feet	G. H. SHEPHERD	Dam Tender	Gage Hts. copied TS RAP
Max. Peak Inf.	2,230.	C. F. S. from	7:06 P.M. on 12/6/66	to	8:06 P.M. on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied FM
Max. Peak Outf.	2,230.	C. F. S. from	7:06 P.M. on 12/6/66	to	8:05 P.M. on	12/6/66		Hydrographer	Inf. & Outf. comp. FM TS

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

760136N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE DIVERSION Dam

In San Dimas Wash for the Year Ending September 30, 19 67

~~On~~

Drainage Area 3.67 Square Miles. Capacity of Reservoir 88.3 Ac. Ft. at Spillway Elev. 1,152.5 Ft. as of March 19 67

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	1,152.6	89.6	22	16.3	1,135.7	0.1	+	+	1,149.3	52.3	4.7	13.7	1,135.6	0	+	+	1
2	1,152.6	89.6	21	15.3	1,135.7	0.1	|	|	1,145.8	28.0	1.7	11.8	|	|	+	+	2
3	1,152.6	89.6	21	15.3	1,135.7	0.1	|	|	1,140.0	6.4	0.9	10.9	|	|	0	0	3
4	1,152.6	89.6	21	15.3	1,135.7	0.1	+	+	1,135.7	0.1	0.1	3.3	|	|	0	0	4
5	1,152.6	89.6	21	15.3	1,148.0	41.5	20.9	0	1,135.7	0.1	0.1	0.1	|	|	0	0	5
6	1,152.6	89.6	21	15.3	1,152.6	89.6	43.9	14.0	1,135.6	0	0.1	0.1	|	|	0	0	6
7	1,152.6	89.6	19	13.3	1,152.6	89.6	35	29.3	|	|	0.1	0.1	|	|	+	+	7
8	1,152.6	89.6	15	9.3	1,152.6	89.6	26	20.3	|	|	0.1	0.1	|	|	+	+	8
9	1,152.6	89.6	15	9.3	1,152.6	89.6	26	20.3	|	|	0.1	0.1	|	|	0	0	9
10	1,152.6	89.6	13	7.3	1,152.6	89.6	26	20.3	|	|	0.1	0.1	|	|	0	0	10
11	1,152.6	89.6	13	7.3	1,152.6	89.6	26	20.3	|	|	0.2	0.2	|	|	0	0	11
12	1,152.6	89.6	13	7.3	1,152.6	89.6	26	20.3	|	|	0.1	0.1	|	|	0	0	12
13	1,152.6	89.6	13	7.3	1,152.5	88.3	26.2	21.1	|	|	0.1	0.1	|	|	0	0	13
14	1,152.6	89.6	14	8.3	1,152.5	88.3	26	20.3	|	|	0.2	0.2	|	|	0	0	14
15	1,152.6	89.6	12	6.3	1,152.5	88.3	26	20.3	|	|	0.3	0.3	|	|	0	0	15
16	1,152.6	89.6	12	6.3	1,152.5	88.3	26	20.3	|	|	0.3	0.3	|	|	0	0	16
17	1,152.6	89.6	12	6.3	1,152.5	88.3	26	20.3	|	|	0.3	0.3	|	|	0	0	17
18	1,152.6	89.6	12	6.3	1,152.5	88.3	26	20.3	|	|	0.3	0.3	|	|	0	0	18
19	1,152.6	89.6	12	6.3	1,152.5	88.3	26	20.3	|	|	0.2	0.2	|	|	0	0	19
20	1,152.6	89.6	12	6.3	1,152.6	89.6	24.9	18.6	|	|	0.2	0.2	|	|	0	0	20
21	1,151.5	75.5	3.8	5.9	1,152.6	89.6	25	19.3	|	|	0.2	0.2	|	|	0	0	21
22	1,149.6	55.1	3.3	9.7	1,152.6	89.6	25	19.3	|	|	0.3	0.3	|	|	0	0	22
23	1,147.3	36.7	3.0	9.5	1,152.6	89.6	25	19.3	|	|	0.3	0.3	|	|	0	0	23
24	1,144.0	19.9	1.4	8.1	1,152.6	89.6	23	17.3	|	|	0.1	0.1	|	|	0	0	24
25	1,140.2	7.0	1.6	7.3	1,152.6	89.6	22	16.3	|	|	+	+	|	|	0	0	25
26	1,136.6	0.5	1.0	3.8	1,152.6	89.6	22	16.3	|	|	|	|	|	|	0	0	26
27	1,136.5	0.4	0.7	0.5	1,152.6	89.6	27	21.3	|	|	|	|	|	|	0	0	27
28	1,135.8	0.1	0.3	0.4	1,152.6	89.6	29	23.3	|	|	|	|	|	|	0	0	28
29	1,135.7	0.1	+	+	1,152.6	89.6	23	17.3	|	|	|	|	|	|	0	0	29
30	1,135.7	0.1	+	+	1,152.5	88.3	23	18.0	↓	↓	+	+	1,135.6	0	2.5	2.5	30
31					1,151.7	77.9	15.9	15.5	1,135.6	0	0	0					31
TOTAL			329.1	245.2			696.8	509.5			11.1	43.4			2.5	2.5	
Inf. Ac. Ft.			652.8				1,382.1				22.0				5.0	13,655.6	
Outf. Ac. Ft.			486.3 + (255.9)				1,010.6 + (293.8)				86.1 + (13.7)				5.0 + (0)	12,139.7 + (1,520.6)	
Maximum Mean Daily Inflow			10.3				35.3				4.7				2.5	957.5	
Minimum Mean Daily Inflow			+				+				0				0	0	
Storage Change		− 89.5				+ 77.8				− 77.9				0		− 4.7	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,152.7	feet	on 5/16/67	Storage	91.0	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	1,135.0	feet	on VARIOUS DAYS	Storage	0	Acre Feet	G. H. SHEPHERD	Dam Tender	Gage Hts. copied TS RAP
Max. Peak Inf.	2,230.	C. F. S. from	7:06 P.M. on 12/6/66	to	8:06 P.M. on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied FM RAP
Max. Peak Outf.	2,230.	C. F. S. from	7:06 P.M. on 12/6/66	to	8:06 P.M. on	12/6/66		Hydrographer	Inf. & Outf. comp. FM RAP CEA

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.
+ = 0.05 CFS OR LESS

76D139N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE Dam

~~In~~ On Puddingstone Creek for the Year Ending September 30, 1966

Continuous Water Stage Recorder Au

Drainage Area 33.1 Square Miles. Capacity of Reservoir 17,091. Ac. Ft. at Spillway Elev. 970.0 Ft. as of September 1959 Gage Heights Read Daily

Day	OCTOBER				NOVEMBER				DECEMBER				JANUARY				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	884.50	174.2	0	11.9	883.74	156.7	0.5	0.3	937.00	5,756.8	214.6	0	946.26	8,137.2	55.4	16.6	1
2	884.25	169.8	0	3.9	883.74	156.7	0.3	0.2	938.87	6,194.4	221.6	0	945.49	8,203.6	51.0	16.6	2
3	884.14	165.7	0	2.1	883.74	156.7	0.2	0.1	940.61	6,620.1	215.8	0	946.60	8,235.4	50.5	33.4	3
4	884.00	162.4	0	2.4	883.74	156.7	0.2		942.25	7,038.8	212.8	0	945.47	8,197.8	32.8	51.0	4
5	883.83	158.7	0	2.3	883.74	156.7	0.2	0	943.87	7,469.6	213.7	0	946.25	8,134.4	3.2	39.5	5
6	883.77	157.3	0	1.0	883.74	156.7	0.1	0	945.36	7,881.6	209.1	0	946.11	8,093.9	4.3	23.8	6
7	883.76	156.1	0	0.9	883.74	156.7	0.1	0	946.88	8,229.6	175.6	0	945.95	8,043.1	1.7	23.8	7
8	883.79	157.8	0	0.9	883.74	156.7	0.1	0	947.56	8,515.9	145.6	0	945.80	8,005.8	3.5	23.8	8
9	883.80	159.0	0	0.9	883.78	157.6	0.6	0	948.30	8,735.9	111.0	0	945.64	7,960.6	0.9	22.9	9
10	883.80	158.0	0	0.7	883.78	157.6	0.1	0	947.91	8,619.1	4.9	63.8	945.51	7,923.9	4.0	22.9	10
11	883.80	159.0	0	0.7	883.80	158.0	0.3	0	947.23	8,419.6	2.5	103.0	945.35	7,878.8	0	22.0	11
12	883.80	159.0	0	0.7	883.84	158.9	0.5	0	946.67	8,255.6	23.1	105.0	945.18	7,831.0	0	22.0	12
13	883.80	159.0	0	0.5	883.86	159.3	0.3	0	945.93	8,042.4	2.7	109.2	945.04	7,791.3	3.3	22.0	13
14	883.80	158.0	0	0.4	884.60	159.8	0.3	0	945.17	7,823.0	2.6	110.0	944.89	7,749.7	1.8	22.0	14
15	883.80	158.0	0	0.4	884.75	180.1	10.2	0	944.42	7,620.3	6.3	110.0	944.72	7,702.9	0	22.0	15
16	883.78	157.6	0	0.4	884.48	173.7	4.3	7.5	943.63	7,405.1	2.1	110.0	944.55	7,656.1	0.7	22.0	16
17	883.78	157.6	0	0.4	888.40	282.9	61.9	6.9	942.95	7,222.5	1.0	92.4	944.39	7,612.0	2.0	22.0	17
18	883.78	157.6	0	0.4	888.50	286.2	1.7	0	942.94	7,219.9	0	0	944.24	7,570.7	3.4	23.0	18
19	883.77	157.3	0	0.4	888.62	290.2	2.1	0	942.93	7,217.2	0	0	944.08	7,525.6	1.5	23.0	19
20	883.77	157.3	0	0.4	888.65	291.2	0.6	0	942.92	7,214.6	0	0	943.93	7,485.8	2.3	22.0	20
21	883.75	156.9	0	0.4	888.68	292.2	0.5	0	942.91	7,212.0	0	0	943.76	7,440.0	0	22.0	21
22	883.75	156.9	0	0.4	904.60	1,177.3	446.3	0	942.90	7,209.4	0	0	943.60	7,397.0	1.4	22.0	22
23	883.75	156.9	0	0.4	914.12	2,056.5	443.5	0	942.89	7,206.7	0	0	943.44	7,354.0	1.3	22.0	23
24	883.75	156.9	0	0.3	913.83	2,956.5	276.8	0	942.88	7,204.1	0	0	943.18	7,284.0	1.5	35.9	24
25	883.75	156.9	0	0.3	921.50	3,346.9	177.4	0	942.88	7,204.1	0.6	0	942.77	7,175.2	1.2	55.5	25
26	883.75	156.9	0	0.3	924.21	3,874.8	197.4	0	942.88	7,204.1	0.6	0	942.53	7,112.3	2.6	33.0	26
27	883.75	156.9	0	0.3	927.49	4,378.6	265.7	0	942.87	7,201.5	0	0	942.52	7,109.6	0	0.1	27
28	883.75	156.9	0	0.3	930.33	4,854.2	254.7	0	942.87	7,201.5	0.6	0	942.51	7,107.0	0	0.1	28
29	883.74	156.7	0	0.3	932.80	5,332.5	241.0	0	944.68	7,691.8	247.8	0	942.51	7,107.0	0.3	0.1	29
30	883.74	156.7	0	0.3	935.09		242.0	0	945.63	7,957.8	134.9	0	942.74	7,167.4	32.1	0.1	30
31	883.74	156.7	0	0.3					946.00	8,062.2	57.9	4.9	942.74	7,167.4	0.9	0.1	31
TOTAL				35.3			2,630.9	15.0			2,213.4	909.3			269.6	687.2	
Inf. Ac. Ft.			0 (41.1)*				5,218.9 (1)				4,390.0				538.1	10,146.4 + (41.1)*	
Outf. Ac. Ft.			70.0 + (11.5)				29.8 + (12.7)				1,603.2 + (57.1)				1,363.0 + (69.9)	3,066.0 + (151.2)	
Maximum Mean Daily Inflow			0				443.5				221.6				55.4	443.5	
Minimum Mean Daily Inflow			0				0.1				0				0	0	
Storage Change			- 40.5				+ 5,175.8				+ 2,729.7				- 894.8	+ 6,970.2	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	948.3	feet	on	12/10/65	Storage	8,736.	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	883.74	feet	on	VARIOUS DAYS	Storage	156.7	Acre Feet	G. H. SHEPHERD	Dam Tender	Gage Hts. copied JAS FM
Max. Peak Inf.	1,591.	C. F. S. from	10:00 P.M.	on	11/22/65	to	12:00 MID.	on	11/22/65	R. J. SARASUA Hydrographer	Storage applied JAS FM
Max. Peak Outf.	112.	C. F. S. from	8:06 A.M.	on	12/13/65	to	6:00 P.M.	on	12/13/65		Hydrographer	Inf. & Outf. comp. JAS FM

REMARKS * INFLOW DUE TO BANK STORAGE. + = 0.05 CFS OR LESS.
(1) 36.1 ACRE-FEET ± DUE TO BANK STORAGE. ( ) INDICATES EVAPORATION AND OTHER LOSSES
(INDICATES AVERAGE FOR PERIOD.

76D136N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE Dam

~~In~~ On Puddingstone Creek for the Year Ending September 30, 1966

Continuous Water Stage Recorder Au

Drainage Area 33.1 Square Miles. Capacity of Reservoir 17,091. Ac. Ft. at Spillway Elev. 970.0 Ft. as of September 1959 Gage Heights Read Daily

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	
1	942.74	7,167.4	0.4	0	943.10	7,462.5	0.7	0	943.00	7,235.6	0.8	0	942.62	7,135.9	0.2	0	1
2	942.75	7,170.0	1.7	0	943.08	7,257.1	0	0	942.99	7,233.0	0.4	0	942.60	7,130.6	0	0	2
3	942.75	7,170.0	1.2	0	943.07	7,254.4	0	0	942.98	7,230.4	0	0	942.59	7,128.0	0.6	0	3
4	942.75	7,170.0	0.9	0	943.06	7,251.7	0.5	0	942.97	7,227.7	0	0	942.57	7,122.8	0	0	4
5	942.75	7,170.0	0.3	0	943.05	7,249.0	0.7	0	942.96	7,225.1	0.6	0	942.55	7,117.5	0	0	5
6	943.14	7,273.3	52.1	0	943.05	7,249.0	1.6	0	942.95	7,222.5	0.5	0	942.54	7,114.9	0.9	0	6
7	943.19	7,286.7	6.8	0	943.04	7,246.4	0.4	0	942.94	7,219.9	0	0	942.52	7,109.6	0	0	7
8	943.20	7,289.4	2.4	0	943.03	7,243.7	0	0	942.92	7,214.6	0	0	942.51	7,107.0	0.1	0	8
9	943.20	7,289.4	0.9	0	943.03	7,243.7	0.9	0	942.91	7,212.0	0	0	942.51	7,107.0	0.5	0	9
10	943.20	7,289.4	0.4	0	943.02	7,241.0	0	0	942.90	7,209.4	0.1	0	942.50	7,104.4	0	0	10
11	943.19	7,286.7	0	0	943.02	7,241.0	0.9	0	942.89	7,206.7	0	0	942.50	7,104.4	0.4	0	11
12	943.19	7,286.7	1.0	0	943.02	7,241.0	0.8	0	942.88	7,204.1	0.2	0	942.48	7,099.2	0	0	12
13	943.18	7,284.0	0	0	943.01	7,239.3	0	0	942.87	7,201.5	0	0	942.47	7,096.5	0	0	13
14	943.18	7,284.0	1.1	0	943.03	7,243.7	3.5	0	942.85	7,196.2	0.5	0	942.46	7,093.9	0.4	0	14
15	943.17	7,281.3	0	0	943.05	7,249.0	3.5	0	942.83	7,191.0	0.7	0	942.41	7,088.6	0	0	15
16	943.17	7,281.3	1.1	0	943.06	7,251.7	2.0	0	942.82	7,188.4	0.4	0	942.43	7,086.0	0.5	0	16
17	943.16	7,278.6	0	0	943.06	7,251.7	1.4	0	942.81	7,185.7	0.3	0	942.41	7,080.8	0	0	17
18	943.16	7,278.6	0.9	0	943.05	7,249.0	0.9	0	942.79	7,180.5	0	0	942.40	7,078.2	0.6	0	18
19	943.16	7,278.6	0.7	0	943.05	7,249.0	1.4	0	942.78	7,177.9	0	0	942.38	7,072.9	0	0	19
20	943.15	7,276.0	0	0	943.04	7,246.4	0.2	0	942.76	7,172.6	0	0	942.37	7,072.9	0.5	0	20
21	943.14	7,273.3	0	0	943.03	7,243.7	0	0	942.75	7,170.0	0.8	0	942.35	7,065.0	0	0	21
22	943.13	7,270.6	0.6	0	943.02	7,241.0	0.4	0	942.74	7,167.4	0.1	0	942.34	7,062.4	0.6	0	22
23	943.12	7,267.9	0.7	0	943.00	7,235.6	0.2	0	942.72	7,164.8	1.1	0	942.32	7,057.2	0	0	23
24	943.12	7,267.9	1.1	0	943.04	7,246.4	7.6	0	942.71	7,159.5	0.1	0	942.30	7,051.9	0	0	24
25	943.12	7,267.9	0.2	0	943.06	7,251.7	3.1	0	942.70	7,156.9	0.7	0	942.29	7,049.3	0.4	0	25
26	943.11	7,265.2	0	0	943.05	7,249.0	0	0	942.68	7,151.6	0	0	942.28	7,046.7	0	0	26
27	943.11	7,265.2	1.4	0	943.04	7,246.4	0	0	942.67	7,149.0	0.3	0	942.27	7,044.0	0	0	27
28	943.10	7,262.5	0	0	943.04	7,246.4	0.9	0	942.65	7,143.8	0	0	942.26	7,041.4	0	0	28
29					943.03	7,243.7	0	0	942.64	7,141.1	0.3	0	942.24	7,036.2	0	0	29
30					943.02	7,241.0	0	0	942.63	7,138.5	0.4	0	942.22	7,030.9	0	0	30
31					943.01	7,238.3	1.1	0					942.21	7,028.3	0.9	0	31
TOTAL			75.9	0			32.7	0			8.3	0			6.6	0	
Inf. Ac. Ft.			150.5				64.9				16.5				13.1	10,391.3*(41.1)*	
Outf. Ac. Ft.			0 + (55.4)				0 + (89.1)				0 + (116.2)				0 + (123.4)	3,066.0 + (535.2)	
MAXIMUM Mean Daily Inflow			521.				7.6				1.1				0.9	443.5	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change			+ 95.1				- 24.2				- 99.8				- 110.2	+ 6,831.1	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	948.3	feet	on	12/10/65	Storage	8,736.	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	883.74	feet	on	VARIOUS DAYS	Storage	1,567.	Acre Feet	G. H. SHEPHERD	Dam Tender	Gage Hts. copied JAS FM
Max. Peak Inf.	1,591.	C. F. S. from	10:00 P.M.	on	11/22/65	to	12:00 MID.	on	11/22/65	R. J. SARASUA Hydrographer	Storage applied JAS FM
Max. Peak Outf.	112.	C. F. S. from	8:06 A.M.	on	12/13/65	to	6:00 P.M.	on	12/13/65		Hydrographer	Inf. & Outf. comp. JAS FM

REMARKS * INFLOW DUE TO BANK STORAGE.
( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE Dam

In: Puddingstone Creek
On

for the Year Ending September 30, 19 66

Continuous Water Stage Recorder Au

Drainage Area 33.1 Square Miles. Capacity of Reservoir 17,091. Ac. Ft. at Spillway Elev. 970.0 Ft. as of September 19 59

Gage Heights Read Daily

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C. F. S. Inflow	JUNE C. F. S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C. F. S. Inflow	JULY C. F. S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C. F. S. Inflow	AUGUST C. F. S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C. F. S. Inflow	SEPTEMBER C. F. S. Outflow	Day
1	942.19	7,023.0	0	0	941.65	6,383.7	0	0	940.97	6,709.9	0	0	940.33	6,550.3	0	0	1
2	942.17	7,017.8	0	0	941.63	6,378.6	0	0	940.95	6,704.9	0	0	940.33	6,550.3	1.8	0	2
3	942.15	7,012.6	0	0	941.61	6,373.4	0	0	940.93	6,699.9	0	0	940.31	6,545.3	0	0	3
4	942.14	7,009.9	1.1	0	941.59	6,368.3	0	0	940.91	6,695.0	0	0	940.30	6,542.8	0.3	0	4
5	942.12	7,004.7	0	0	941.57	6,363.2	0.5	0	940.89	6,690.0	0.2	0	940.28	6,537.8	0	0	5
6	942.10	6,999.4	0	0	941.54	6,355.5	0	0	940.87	6,685.0	0.1	0	940.25	6,530.4	0	0	6
7	942.08	6,994.2	0	0	941.52	6,350.4	0.4	0	940.85	6,680.0	0.1	0	940.23	6,525.4	0	0	7
8	942.07	6,991.6	0.7	0	941.49	6,342.7	0	0	940.83	6,675.0	0.4	0	940.21	6,520.4	0	0	8
9	942.05	6,986.3	0	0	941.47	6,337.6	0.1	0	940.8	6,667.5	0	0	940.19	6,515.4	0.1	0	9
10	942.04	6,983.7	0.1	0	941.44	6,330.0	0	0	940.78	6,662.5	0	0	940.18	6,512.9	0.6	0	10
11	942.02	6,978.5	0	0	941.41	6,322.3	0	0	940.76	6,657.5	0.1	0	940.16	6,507.8	0	0	11
12	942.01	6,975.8	0.6	0	941.39	6,317.2	0.7	0	940.74	6,652.6	0.9	0	940.15	6,505.4	0.8	0	12
13	942.00	6,973.2	1.1	0	941.36	6,309.5	0	0	940.71	6,645.1	0	0	940.12	6,497.9	0	0	13
14	941.98	6,968.1	0	0	941.34	6,304.4	0.3	0	940.67	6,635.1	0	0	940.10	6,492.9	0.5	0	14
15	941.97	6,965.5	1.0	0	941.31	6,296.7	0	0	940.67	6,635.1	2.7	0	940.10	6,492.9	3.1	0	15
16	941.94	6,957.9	0	0	941.29	6,791.6	0.6	0	940.65	6,630.1	0.3	0	940.05	6,480.5	0	0	16
17	941.92	6,953.7	0.1	0	941.26	6,783.9	0	0	940.63	6,625.1	0.1	0	940.03	6,475.5	0	0	17
18	941.90	6,947.6	0	0	941.24	6,778.8	0.9	0	940.61	6,620.1	0	0	940.02	6,473.0	1.4	0	18
19	941.89	6,945.1	1.3	0	941.22	6,773.7	0.1	0	940.59	6,615.1	0	0	940.01	6,470.5	0.3	0	19
20	941.87	6,939.9	0	0	941.20	6,768.6	0.1	0	940.57	6,610.2	0.1	0	940.00	6,468.0	0.4	0	20
21	941.85	6,934.8	0	0	941.18	6,763.4	0.1	0	940.55	6,605.2	0	0	939.98	6,463.1	0	0	21
22	941.83	6,929.7	0	0	941.16	6,758.3	0.2	0	940.53	6,600.2	0	0	939.97	6,460.7	0.6	0	22
23	941.81	6,924.6	0	0	941.14	6,753.2	0.3	0	940.51	6,595.2	0	0	939.95	6,455.8	0	0	23
24	941.79	6,919.4	0	0	941.12	6,748.1	0.4	0	940.49	6,590.2	0	0	939.94	6,453.4	0.9	0	24
25	941.77	6,914.4	0	0	941.10	6,743.0	0.2	0	940.47	6,585.2	0	0	939.92	6,448.5	0	0	25
26	941.75	6,909.3	0	0	941.08	6,737.9	0.1	0	940.45	6,580.2	0	0	939.91	6,446.1	0.6	0	26
27	941.74	6,906.7	0.9	0	941.06	6,732.7	0	0	940.43	6,575.2	0	0	939.89	6,441.2	0	0	27
28	941.71	6,899.0	0	0	941.04	6,727.6	0	0	940.41	6,570.3	0	0	939.87	6,436.4	0.2	0	28
29	941.70	6,896.5	1.3	0	941.03	6,725.1	0.9	0	940.39	6,565.3	0	0	939.87	6,436.4	0.9	0	29
30	941.67	6,889.8	0	0	941.01	6,720.0	0	0	940.37	6,560.3	0	0	939.86	6,434.0	0.1	0	30
31					941.00	6,717.4	0.7	0	940.35	6,555.3	0	0					31
TOTAL			8.2	0			6.6	0			5.0	0			12.6	0	
Inf. Ac. Ft.			16.3				13.1				9.9				25.0	10,455.5 + (41.1)*	
Outf. Ac. Ft.			0 + (155.7)				0 + (184.3)				0 + (172.0)				0 + (146.2)	3,066.0 + (1,193.7)	
Maximum Mean Daily Inflow			1.1				0.9				2.7				1.8	443.5	
Minimum Mean Daily Inflow			0				0				0				0.	0	
Storage Change			-- 139.5				-- 171.4				-- 162.1				-- 121.3	+ 6,236.8	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	948.3	feet	on	12/10/65	Storage	8,736.	Acre Feet					
Min. W. S. Elev.	883.74	feet	on	VARIOUS DAYS	Storage	156.7	Acre Feet					
Max. Peak Inf.	1,591.	C. F. S. from	10:00 P.M.	on	11/22/65	to	12:00 MID.	on	11/22/65			
Max. Peak Outf.	112.	C. F. S. from	8:05 A.M.	on	12/13/65	to	6:00 P.M.	on	12/13/65			

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
G. H. SHEPHERD	Dam Tender	Gage Hts. copied	JAS FM	
R. J. SARASUA	Hydrographer	Storage applied	JAS FM	
	Hydrographer	Inf. & Outf. comp.	JAS FM	

REMARKS * INFLOW DUE TO BANK STORAGE.
( ) INDICATES EVAPORATION AND OTHER LOSSES.

76D138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE Dam

In: Puddingstone Creek
On

for the Year Ending September 30, 19 67

Continuous Water Stage Recorder Au

Drainage Area 33.1 Square Miles. Capacity of Reservoir 17,090.6 Ac. Ft. at Spillway Elev. 970.0 Ft. as of September 19 59

Gage Heights Read Daily

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C. F. S. Inflow	OCTOBER C. F. S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C. F. S. Inflow	NOVEMBER C. F. S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C. F. S. Inflow	DECEMBER C. F. S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C. F. S. Inflow	JANUARY C. F. S. Outflow	Day
1	939.85	6,431.5	0	0	939.49	6,340.0	0	0	939.90	6,443.7	0.5	0	942.50	7,104.4	2.6	0	1
2	939.84	6,429.1	0	0	939.48	6,341.5	2.2	0	940.01	6,492.9	24.8	0	942.52	7,109.6	3.2	0	2
3	939.83	6,426.7	0	0	939.47	6,339.1	0	0	941.00	6,717.4	113.2	0	942.51	7,107.0	3.0	3.2	3
4	939.82	6,424.2	0.1	0	939.47	6,339.1	0.9	0	941.02	6,768.6	26.1	0	942.46	7,093.9	5.3	10.5	4
5	939.80	6,419.4	0	0	939.46	6,336.7	0	0	943.53	7,378.2	307.3	0	942.40	7,078.2	3.5	10.5	5
6	939.80	6,419.4	1.1	0	939.47	6,339.1	2.1	0	950.90	9,537.1	1,090.2	0	942.34	7,062.4	3.5	10.5	6
7	939.79	6,416.9	0	0	939.47	6,339.1	0	0	953.86	10,511.3	505.0	12.9	942.28	7,046.7	3.5	10.5	7
8	939.78	6,414.5	0.1	0	940.05	6,480.5	72.0	0	954.14	10,607.1	71.6	22.0	942.22	7,030.9	3.7	10.5	8
9	939.77	6,412.1	0	0	940.04	6,478.0	0	0	953.96	10,545.1	60.6	90.4	942.20	7,025.7	1.8	3.6	9
10	939.77	6,412.1	1.1	0	940.04	6,478.0	0.5	0	953.41	10,359.2	27.7	120.0	942.20	7,025.7	1.4	0	10
11	939.76	6,409.6	0	0	940.03	6,475.5	0	0	952.80	10,154.6	25.1	127.0	942.21	7,028.3	2.8	0	11
12	939.75	6,407.2	0	0	940.02	6,473.0	0	0	952.17	9,946.7	23.6	127.0	942.23	7,033.6	4.1	0	12
13	939.74	6,404.8	0	0	940.01	6,470.5	0	0	951.47	9,719.9	13.8	127.0	942.24	7,036.2	2.7	0	13
14	939.71	6,397.5	0	0	940.01	6,470.5	0.3	0	950.81	9,508.8	21.8	127.0	942.25	7,038.8	2.4	0	14
15	939.70	6,395.0	1.4	0	940.00	6,468.0	0	0	950.10	9,285.5	14.0	125.0	942.26	7,041.4	3.0	0	15
16	939.68	6,390.2	0	0	940.00	6,468.0	0.4	0	949.41	9,072.6	20.0	125.0	942.27	7,044.0	2.8	0	16
17	939.66	6,385.3	0	0	939.99	6,465.6	0	0	948.69	8,853.5	16.4	125.0	942.30	7,051.9	4.5	0	17
18	939.64	6,380.4	0	0	939.98	6,463.1	0	0	947.97	8,636.8	17.5	125.0	942.31	7,054.5	3.3	0	18
19	939.63	6,378.0	1.8	0	939.98	6,463.1	1.1	0	947.22	8,415.6	12.7	123.0	942.33	7,059.8	4.3	0	19
20	939.62	6,375.6	0.6	0	939.98	6,463.1	0.7	0	946.45	8,192.1	10.9	123.0	942.35	7,065.0	3.7	0	20
21	939.62	6,375.6	1.8	0	939.97	6,460.7	0	0	945.76	7,994.5	10.4	109.0	942.36	7,067.6	1.7	0	21
22	939.60	6,370.7	0	0	939.96	6,458.3	0	0	945.07	7,799.8	0.1	97.4	943.25	7,302.8	119.8	1.3	22
23	939.59	6,368.3	0.6	0	939.95	6,455.8	0	0	944.66	7,686.4	16.6	72.3	943.32	7,321.7	23.6	13.5	23
24	939.58	6,365.9	0.5	0	939.94	6,453.4	0	0	944.30	7,587.2	6.4	55.5	943.89	8,031.2	372.5	14.8	24
25	939.56	6,361.0	0.1	0	939.94	6,453.4	0.9	0	943.96	7,493.8	9.5	55.5	943.56	8,223.9	112.8	15.6	25
26	939.55	6,358.6	1.1	0	939.93	6,451.0	0	0	943.64	7,407.8	12.4	55.5	943.85	8,307.5	68.7	25.6	26
27	939.55	6,358.6	1.0	0	939.92	6,448.5	0.1	0	943.29	7,313.6	9.4	55.5	943.85	8,307.5	56.6	55.9	27
28	939.54	6,356.1	0	0	939.91	6,446.1	0	0	942.96	7,214.6	6.8	55.5	943.59	8,232.5	55.2	92.0	28
29	939.53	6,353.7	0.1	0	939.91	6,446.1	0.6	0	942.61	7,133.3	15.7	55.5	943.32	8,154.6	51.2	90.2	29
30	939.52	6,351.3	0.8	0	939.90	6,443.7	0	0	942.46	7,093.9	9.6	28.4	943.26	8,137.2	53.1	61.5	30
31	939.51	6,348.8	0.7	0					942.49	7,101.8	5.3	0	943.10	8,091.1	52.0	75.0	31
TOTAL			12.8	0			91.9	0			2,505.0	2,139.3			1,032.3	504.7	
Inf. Ac. Ft.			25.4				182.2				4,963.6				2,047.5	7,203.7	
Outf. Ac. Ft.			0 + (110.6)				0 + (67.3)				4,243.4 + (67.0)				1,001.1 + (57.1)	5,546.5	
Maximum Mean Daily Inflow			1.8				72.0				1,090.2					5,244.5 + (302.0)	
Minimum Mean Daily Inflow			0				0				0.5				1.4	0	
Storage Change			-- 85.2				+ 94.9				+ 658.1				+ 989.3	+ 1,657.1	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	954.20	feet	on	12/9/66	Storage	10,627.9	Acre Feet					
Min. W. S. Elev.	939.46	feet	on	11/6/66	Storage	6,336.7	Acre Feet					
Max. Peak Inf.	2,440.	C. F. S. from	6:00 P.M.	on	12/6/66	to	7:00 P.M.	on	12/6/66			
Max. Peak Outf.	159.	C. F. S. from	1:12 P.M.	on	5/5/67	to	12:00 MID.	on	5/6/67			

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
G. H. SHEPHERD	Dam Tender	Gage Hts. copied	JAS FM	
R. J. SARASUA	Hydrographer	Storage applied	JAS FM	
	Hydrographer	Inf. & Outf. comp.	JAS FM	

REMARKS ( ) INDICATES PERCOLATION AND OTHER LOSSES.

760138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE Dam

~~In~~ On Puddingstone Creek for the Year Ending September 30, 19 67

Drainage Area 33.1 Square Miles. Capacity of Reservoir 17,090.6 / 16,855.5 Ac. Ft. at Spillway Elev. 970.0 Ft. as of September / November 1959 / 1965

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	FEBRUARY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MARCH Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	APRIL Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	MAY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	945.80	8005.8	49.9	92.0	942.89	6,960.2 (1)	1.2	0	944.42	7,374.8	40.9	0	947.77	8,339.5	41.8	80	1
2	945.25	7,850.6	43.9	121	942.88	6,957.6	0.3	0	944.46	7,385.9	6.6	0	947.50	8,259.0	42.0	80	2
3	944.33	7,595.5	24.4	151	942.89	6,960.2	2.1	0	944.48	7,391.4	8.3	4.0	947.23	8,178.6	36.5	75	3
4	943.64	7,407.8	54.8	148	942.90	6,962.8	2.0	0	944.53	7,405.3	15.8	6.9	946.84	8,063.5	23.8	80	4
5	942.78	7,177.9	31.5	146	942.89	6,960.2	0.1	0	944.55	7,410.8	4.0	0	946.11	7,851.1	15.4	121	5
6	942.38	7,072.9	35.3	86.8	942.89	6,960.2	1.3	0	944.54	7,408.0	6.1	6.1	945.16	7,580.7	22.5	157	6
7	942.40	7,078.2	29.0	25.6	942.88	6,957.6	0.5	0	944.61	7,427.4	19.6	9.3	944.05	7,272.4	2.0	155	7
8	942.45	7,091.3	16.7	8.7	942.87	6,955.0	0.4	0	944.60	7,424.6	10.9	9.3	943.54	7,134.6	20.8	88	8
9	942.52	7,109.6	10.8	0	942.87	6,955.0	0.3	0	944.58	7,419.1	6.7	9.3	943.38	7,091.5	31.8	52	9
10	942.59	7,128.0	10.2	0	942.87	6,955.0	0.0	0	944.56	7,413.6	4.6	6.5	943.26	7,059.2	38.8	54	10
11	942.62	7,135.9	4.8	0	942.87	6,955.0	0	0	944.86	7,496.6	42.8	0	943.13	7,024.1	39.7	56	11
12	942.65	7,143.8	5.8	0	943.10	7,016.0	31.0	0	944.92	7,513.1	9.7	0	942.92	6,968.1	29.4	56	12
13	942.70	7,156.9	7.7	0	943.40	7,096.9	40.8	0	944.96	7,524.2	6.2	0	942.60	6,884.1	15.7	56	13
14	942.78	7,177.9	10.9	0	943.44	7,107.7	6.6	0	945.01	7,538.1	7.8	0	942.22	6,784.4	8.2	56	14
15	942.84	7,193.6	9.5	0	943.44	7,107.7	1.1	0	945.05	7,549.5	6.6	0	942.08	6,747.6	3.9	19.3	15
16	942.87	7,201.5	5.4	0	943.44	7,107.7	1.2	0	945.08	7,558.0	6.0	0	942.07	6,745.0	2.3	0.1	16
17	942.89	7,206.7	3.7	0	943.44	7,107.7	1.0	0	945.12	7,569.4	7.5	0	942.06	6,742.4	1.7	0	17
18	942.90	7,209.4	3.0	0	943.44	7,107.7	0.8	0	945.37	7,640.3	36.9	0	942.05	6,739.7	1.0	0	18
19	942.91	7,212.0	2.2	0	943.43	7,105.0	0.0	0	945.61	7,708.4	34.5	0	942.05	6,739.7	1.8	0	19
20	942.92	7,214.6	2.8	0	943.43	7,105.0	1.2	0	945.93	7,799.2	49.0	2.2	942.03	6,734.5	0	0	20
21	942.92	7,214.6	1.4	0	943.42	7,102.3	0	0	946.57	7,984.9	97.8	3.7	942.02	6,731.8	0.8	0	21
22	942.92	7,214.6	2.5	0	943.42	7,102.3	1.4	0	947.56	8,276.9	151.8	3.7	942.01	6,729.2	1.2	0	22
23	942.92	7,214.6	2.3	0	943.53	7,131.9	16.1	0	948.21	8,472.2	103.3	3.7	942.00	6,726.6	1.1	0	23
24	942.92	7,214.6	1.0	0	943.69	7,175.1	22.9	0	948.51	8,563.9	51.1	3.7	941.98	6,721.5	0	0	24
25	942.92	7,214.6	0.4	0	943.83	7,212.8	20.5	0	948.55	8,576.1	11.4	3.7	941.96	6,716.4	0	0	25
26	942.91	7,212.0	0.2	0	943.97	7,250.5	20.0	0	948.59	8,588.3	11.6	3.4	941.95	6,713.8	0.3	0	26
27	942.91	7,212.0	1.7	0	943.97	7,250.5	34.3	32.7	948.58	8,585.2	32.8	32.6	941.94	6,711.3	0.4	0	27
28	942.90	7,209.4	0.5	0	943.93	7,239.7	31.2	35.9	948.46	8,548.6	55.2	71.6	941.95	6,713.8	2.3	0	28
29					944.00	7,258.6	20.6	9.1	948.30	8,499.7	57.0	79.6	941.95	6,713.8	0	0	29
30					943.98	7,253.2	10.1	10.5	948.04	8,420.3	41.7	79.6	941.95	6,713.8	0.7	0	30
31					944.13	7,294.6	22.5	0					941.95	6,713.8	0.5	0	31
TOTAL			372.3	779.1			291.5	88.2			943.7	338.9			386.4	1,185.4	
Inf. Ac. Ft.			738.4				578.2				1,871.8				766.4	11,158.5	
Outf. Ac. Ft.			1,545.3 + (74.8)				174.9 + (71.4)				672.2 + (73.9)				2,351.1 + (121.8)	9,988.0+(643.9)	
Maximum Mean Daily Inflow			54.8				40.8				151.8				42.0	1,090.2	
Minimum Mean Daily Inflow			0.2				0				4.0				0	0	
Storage Change		− 881.7				+331.8				+ 1,125.7				− 1,706.5		+ 279.8 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	954.20	feet	on	12/9/66	Storage	10,627.9	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	939.46	feet	on	11/6/66	Storage	6,336.7	Acre Feet	G. H. SHEPHERD	Dam Tender	Gage Hts. copied	JAS FM
Max. Peak Inf.	2,440.	C. F. S. from	6:00 P.M.	on	12/6/66	to	7:00 P.M.	on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied	JAS FM
Max. Peak Outf.	159.	C. F. S. from	1:12 P.M.	on	5/5/67	to	12:00 MID.	on	5/6/67		Hydrographer	Inf. & Outf. comp.	JAS FM

REMARKS (1) CHANGED TO STORAGE TABLE IV, SURVEY OF NOVEMBER 1965 - 246.5 ACRE-FOOT LOSS DUE TO SILTATION.

( ) INDICATES PERCOLATION AND OTHER LOSSES.

760138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of PUDDINGSTONE Dam

~~In~~ On Puddingstone Creek for the Year Ending September 30, 19 67

Drainage Area 33.1 Square Miles. Capacity of Reservoir 16,855.5 Ac. Ft. at Spillway Elev. 970.0 Ft. as of November 1965

Continuous Water Stage Recorder Au

Gage Heights Read Daily

Day	JUNE Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	JULY Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	AUGUST Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	SEPTEMBER Gage Height	Acre Ft. Storage	C.F.S. Inflow	C.F.S. Outflow	Day
1	941.94	6,711.3	0	0	941.67	6,642.0	0	0	941.84	6,685.7	4.1	0	941.24	6,532.4	1.6	0	1
2	941.93	6,708.7	0.9	0	941.66	6,639.8	1.6	0	941.81	6,678.1	0	0	941.24	6,532.4	2.6	0	2
3	941.92	6,706.2	0.9	0	941.65	6,637.2	0.6	0	941.79	6,672.9	0.2	0	941.23	6,529.9	0.9	0	3
4	941.90	6,701.0	0	0	941.63	6,632.1	0	0	941.77	6,667.8	0.1	0	941.22	6,527.3	0.8	0	4
5	941.89	6,698.5	1.0	0	941.61	6,627.0	0	0	941.75	6,662.7	0.4	0	941.21	6,524.8	0.9	0	5
6	941.88	6,695.9	0.9	0	941.60	6,624.4	1.2	0	941.73	6,657.6	0	0	941.19	6,519.6	0	0	6
7	941.88	6,695.9	1.8	0	941.58	6,619.3	0	0	941.71	6,652.5	0	0	941.17	6,514.5	0.2	0	7
8	941.87	6,693.4	0.6	0	941.57	6,616.8	1.8	0	941.69	6,647.4	0.6	0	941.16	6,512.0	1.2	0	8
9	941.87	6,693.4	0.9	0	941.54	6,609.1	0	0	941.67	6,642.2	0	0	941.14	6,506.9	0.3	0	9
10	941.87	6,693.4	0.9	0	941.52	6,604.0	0.3	0	941.65	6,637.2	0.5	0	941.12	6,501.8	0	0	10
11	941.87	6,693.4	1.0	0	941.51	6,601.4	1.7	0	941.64	6,634.6	1.8	0	941.10	6,496.6	0.4	0	11
12	941.87	6,693.4	0.3	0	941.50	6,598.9	1.8	0	941.62	6,629.5	0.6	0	941.09	6,494.1	1.0	0	12
13	941.88	6,695.9	1.9	0	941.51	6,601.4	4.3	0	941.60	6,624.4	0.8	0	941.08	6,491.5	1.1	0	13
14	941.88	6,695.9	0.9	0	941.53	6,606.5	5.6	0	941.58	6,619.3	0.6	0	941.07	6,489.0	1.1	0	14
15	941.87	6,693.4	0.3	0	941.55	6,611.7	5.3	0	941.56	6,614.2	0.5	0	941.06	6,486.4	0.9	0	15
16	941.87	6,693.4	1.3	0	941.56	6,614.2	4.4	0	941.55	6,611.6	1.4	0	941.03	6,478.8	0	0	16
17	941.87	6,693.4	0.9	0	941.57	6,616.8	4.3	0	941.53	6,606.5	0.4	0	941.02	6,476.2	1.1	0	17
18	941.86	6,690.8	0	0	941.59	6,621.9	5.4	0	941.51	6,601.4	0.7	0	941.01	6,473.7	0.3	0	18
19	941.85	6,688.3	0.6	0	941.60	6,624.4	4.4	0	941.49	6,596.3	0.7	0	941.00	6,471.1	0.1	0	19
20	941.84	6,685.7	0.6	0	941.62	6,629.5	5.8	0	941.48	6,593.7	1.9	0	940.98	6,466.1	0	0	20
21	941.83	6,683.2	0.9	0	941.64	6,634.6	5.8	0	941.46	6,588.6	0.4	0	940.97	6,464.0	0.8	0	21
22	941.82	6,680.6	0.9	0	941.65	6,637.2	4.9	0	941.44	6,583.5	0.2	0	940.96	6,461.2	0.8	0	22
23	941.81	6,678.1	1.0	0	941.66	6,639.8	4.8	0	941.42	6,578.4	0.2	0	940.94	6,456.2	0	0	23
24	941.80	6,675.5	0.9	0	941.67	6,642.3	4.7	0	941.40	6,573.3	0.1	0	940.93	6,453.7	0	0	24
25	941.78	6,670.4	0	0	941.68	6,644.8	4.5	0	941.38	6,568.2	0.3	0	940.92	6,451.2	0.1	0	25
26	941.76	6,665.3	0	0	941.71	6,652.5	7.1	0	941.36	6,563.1	0.4	0	940.92	6,451.2	1.3	0	26
27	941.74	6,660.2	0.6	0	941.74	6,660.2	7.3	0	941.34	6,558.0	1.1	0	940.91	6,448.7	0.2	0	27
28	941.72	6,655.1	0.6	0	941.76	6,665.3	5.7	0	941.32	6,552.9	1.1	0	940.91	6,448.7	1.6	0	28
29	941.71	6,652.5	1.7	0	941.78	6,670.4	3.9	0	941.30	6,547.8	1.4	0	940.90	6,446.3	0	0	29
30	941.69	6,647.4	0	0	941.80	6,675.5	5.7	0	941.27	6,540.1	0.2	0	940.90	6,446.3	0.8	0	30
31					941.83	6,683.2	6.8	0	941.25	6,535.0	1.5	0					31
TOTAL			22.3	0			111.7	0			22.2	0			20.1	0	
Inf. Ac. Ft.			44.2				221.6				44.0				39.9	11,508.2	
Outf. Ac. Ft.			0 + (110.7)				0 + (185.8)				0 + (192.2)				0 + (128.5)	9,988.0+ (1,261.1)	
Maximum Mean Daily Inflow			1.9				7.3				4.1				2.6	1,090.2	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change		− 66.4				+ 35.8				− 148.2				− 88.7		+ 258.9 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	954.20	feet	on	12/9/66	Storage	10,627.9	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd. Date
Min. W. S. Elev.	939.46	feet	on	11/6/66	Storage	6,336.7	Acre Feet	G. H. SHEPHERD	Dam Tender	Gage Hts. copied	JAS FM
Max. Peak Inf.	2,440.	C. F. S. from	6:00 P.M.	on	12/6/66	to	7:00 P.M.	on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied	JAS FM
Max. Peak Outf.	159.	C. F. S. from	1:12 P.M.	on	5/5/67	to	12:00 MID.	on	5/6/67		Hydrographer	Inf. & Outf. comp.	JAS FM

REMARKS ( ) INDICATES PERCOLATION AND OTHER LOSSES.

76D136N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of LIVE OAK Dam

In ~~On~~ Live Oak Canyon for the Year Ending September 30, 1966

Continuous Water Stage Recorder Au

Drainage Area 2.28 Square Miles Capacity of Reservoir 242.8 Ac. Ft. at Spillway Elev. 1,496.4 Ft. as of January 1964 Gage Heights Read at Various Times

Day	OCTOBER				NOVEMBER				DECEMBER				JANUARY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1		0	+	+	1432.8	0	0	0	1475.0	77.9	0.1	0.1	1477.1	89.4	2.0	0	1
2		0	0	0	1432.8	0	0	0	1474.1	73.3	0.1	2.4	1477.7	92.8	1.7	0	2
3		0	0	0	1432.8	0	0	0	1472.7	66.4	0.1	3.6	1477.4	91.1	0.8	1.6	3
4		0	0	0	1432.8	0	0	0	1471.3	59.7	0.1	3.5	1475.9	82.7	0.5	4.8	4
5		0	0	0	1432.8	0	0	0	1469.8	52.9	0.1	3.5	1474.3	74.3	0.1	4.3	5
6		0	0	0	1432.8	0	0	0	1468.2	46.2	0.1	3.5	1473.2	68.8	1.0	3.8	6
7		0	0	0	1432.8	0	0	0	1466.4	39.3	0.1	3.6	1471.7	61.6	0.1	3.7	7
8		0	0	0	1432.8	0	0	0	1463.5	29.6	0.1	5.0	1470.2	54.7	0.1	3.6	8
9		0	0	0	1432.8	0	0	0	1461.1	22.7	0.1	3.5	1468.5	47.4	0.1	3.8	9
10		0	0	0	1432.8	0	0	0	1460.3	20.6	1.3	2.4	1466.8	40.8	0.1	3.4	10
11		0	0	0	1432.8	0	0	0	1460.2	20.3	0.1	0.2	1465.1	34.8	0.1	3.1	11
12		0	0	0	1432.8	0	0	0	1460.4	20.8	0.2	+	1462.9	27.7	0.1	3.7	12
13		0	+	+	1432.8	0	0	0	1460.7	21.6	0.4	|	1460.7	21.6	0.1	3.2	13
14		0	|	|	1432.8	0	0	0	1461.0	22.4	0.4	|	1459.0	17.5	0.2	2.2	14
15		0	|	|	1432.8	0	0	0	1461.1	22.7	0.2	|	1459.4	18.4	0.4	+	15
16		0	|	|	1433.0	+	+	0	1461.3	23.2	0.2	|	1459.7	19.1	0.4	|	16
17		0	|	|	1433.0	|	0	0	1461.4	23.5	0.2	|	1459.9	19.6	0.2	|	17
18		0	+	+	1433.0	|	0	0	1461.6	24.0	0.2	|	1460.0	19.8	0.1	+	18
19		0	0	0	1433.0	|	0	0	1461.7	24.3	0.2	|	1460.1	20.1	0.2	0	19
20		0	0	0	1433.0	|	0	0	1461.9	24.8	0.2	|	1460.3	20.6	0.2	0	20
21		0	0	0	1433.0	+	0	0	1462.1	25.4	0.2	|	1460.4	20.8	0.1	0	21
22		0	0	0	1468.2	46.2	23.3	0	1462.1	25.4	0.2	|	1460.6	21.4	0.3	0	22
23		0	0	0	1471.9	62.5	9.2	1.0	1462.2	25.7	0.2	|	1460.8	21.9	0.3	0	23
24		0	0	0	1475.1	78.4	8.0	+	1462.3	26.0	0.1	|	1460.9	22.1	0.1	+	24
25		0	0	0	1475.5	80.6	2.9	1.8	1462.4	26.3	0.1	+	1461.0	22.4	0.1	|	25
26		0	0	0	1474.9	77.4	0.9	2.5	1462.5	26.6	0.1	0	1461.1	22.7	0.2	|	26
27		0	0	0	1475.0	77.9	0.4	0.1	1462.6	26.8	0.1	0	1461.2	22.9	0.1	|	27
28		0	0	0	1475.0	77.9	0.1	0.1	1462.7	27.1	0.2	0	1461.4	23.5	0.3	+	28
29		0	0	0	1475.0	77.9	0.1	0.1	1472.6	65.9	19.6	0	1461.5	23.8	0.1	0	29
30		0	0	0	1475.0	77.9	0.1	0.1	1475.0	77.9	6.0	0	1461.9	24.8	0.5	0	30
31		0	0	0					1476.4	85.4	3.8	0	1462.1	25.4	0.4	0	31
TOTAL			+	+			45.0	5.7			35.1	31.3			11.0	41.2	
Inf. Ac. Ft.			+				89.3				69.6				21.8	180.7	
Outf. Ac. Ft.			+				11.3				62.1				81.7	155.1	
Maximum Mean Daily Inflow			+				23.3				19.6				2.0	23.3	
Minimum Mean Daily Inflow			0				0				0.1				0.1	0	
Storage Change	0					+ 77.9				+ 7.5				- 60.0		+ 25.4	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

										RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Max. W. S. Elev.	1,478.2	feet	on	1/3/66	Storage	95.7	Acre Feet			G. H. SHEPHERD	Dam Tender	Gage Hts. copied	FM	FM
Min. W. S. Elev.	1,432.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet			R. J. SARASUA	Hydrographer	Storage applied	FM	FM
Max. Peak Inf.	116	C. F. S. from	11:45 P.M.	on	11/22/65	to	12:00 P.M.	on	11/22/65		Hydrographer	Inf. & Outf. comp.	SFB	FM
Max. Peak Outf.	6.1	C. F. S. from	0:00 A.M.	on	3/1/66	to	12:00 P.M.	on	3/1/66					

REMARKS (INDICATES AVERAGE FOR PERIOD.
+ = 0.05 CFS OR LESS.

76D136N-668 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of LIVE OAK Dam

In ~~On~~ Live Oak Canyon for the Year Ending September 30, 1966

Continuous Water Stage Recorder Au

Drainage Area 2.28 Square Miles Capacity of Reservoir 242.8 Ac. Ft. at Spillway Elev. 1,496.4 Ft. as of January 1964 Gage Heights Read at Various Times

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1462.3	26.0	0.3	0	1464.2	31.8	0.2	6.7	1450.7	4.8	0.1	0	1448.7	3.3	0.2	0.1	1
2	1462.4	26.3	0.2	0	1460.3	20.6	0.2	5.8	1451.1	5.2	0.2	0	1448.8	3.4	0.1	0.1	2
3	1462.6	26.8	0.2	0	1455.8	11.2	0.2	4.9	1451.4	5.4	0.1	0	1448.8	3.4	0.1	0.1	3
4	1462.7	27.1	0.2	0	1452.2	5.3	0.4	2.9	1451.6	5.6	0.1	0	1448.8	3.4	+	+	4
5	1462.9	27.7	0.3	0	1451.1	5.2	1.0	1.6	1451.9	5.9	0.2	0	e	3.3	0.1	0.1	5
6	1464.0	31.1	1.7	0	1450.9	5.0	0.9	1.0	1452.1	6.2	0.1	0	|	3.3	+	+	6
7	1465.3	35.4	2.1	0	1450.1	4.3	0.3	0.6	1452.4	6.5	0.2	0	|	3.3	0.1	0.1	7
8	1465.9	37.6	1.2	0	1450.1	4.3	0.3	0.3	1452.6	6.7	0.1	0	|	3.3	0.1	0.1	8
9	1466.4	39.3	0.8	0	1450.1	4.3	0.3	0.3	1452.8	6.9	0.1	0	|	3.3	+	+	9
10	1466.7	40.4	0.6	0	1450.0	4.2	0.3	0.4	1453.0	7.2	0.1	0	|	3.3	0.1	0.1	10
11	1466.9	41.1	0.3	0	1449.9	4.1	0.4	0.4	1453.2	7.4	0.1	0	|	3.3	+	+	11
12	1467.1	41.9	0.4	0	1449.7	4.0	0.2	0.3	1453.4	7.7	0.2	0	|	3.3	0.1	0.1	12
13	1467.3	42.7	0.4	0	1449.6	3.9	0.3	0.3	1453.6	7.9	0.1	0	|	3.3	0.1	0.1	13
14	1467.5	43.4	0.4	0	1449.5	3.8	0.1	0.2	1453.8	8.2	0.1	0	|	3.3	0.1	0.1	14
15	1467.7	44.2	0.4	0	1449.3	3.7	0.1	0.1	1453.2	7.4	0.1	0.5	|	3.3	+	+	15
16	1468.1	45.8	0.8	0	1449.2	3.6	0.1	0.2	1452.7	6.8	0.1	0.4	|	3.3	0.1	0.1	16
17	1468.4	47.0	0.6	0	1449.1	3.6	0.1	0.1	1452.3	6.4	0.1	0.3	|	3.3	+	+	17
18	1468.5	47.4	0.2	0	1449.0	3.5	0.1	0.1	1452.1	6.2	0.1	0.2	|	3.3	0.1	0.1	18
19	1468.7	48.3	0.4	0	1448.9	3.4	0.1	0.2	1452.0	6.0	0.1	0.2	|	3.3	+	+	19
20	1468.8	48.7	0.2	0	1448.8	3.4	0.1	0.1	1452.0	6.0	0.1	0.1	|	3.3	0.1	0.1	20
21	1469.0	49.5	0.5	0	1448.8	3.4	0.1	0.1	1452.1	6.2	0.2	0.1	|	3.3	0.1	0.1	21
22	1469.1	49.9	0.2	0	1448.7	3.3	0.1	0.1	1451.0	5.0	0.1	0.7	|	3.3	0.1	0.1	22
23	1469.2	50.4	0.2	0	1448.7	3.3	0.1	0.1	1450.5	4.6	0.1	0.3	|	3.3	0.1	0.1	23
24	1469.3	50.8	0.2	0	1448.9	3.4	0.1	0.1	1450.1	4.3	0.1	0.3	|	3.3	0.1	0.1	24
25	1469.4	51.2	0.2	0	1449.3	3.7	0.3	0.1	1449.6	3.9	0.1	0.3	|	3.3	0.1	0.1	25
26	1469.5	51.6	0.2	0	1449.5	3.8	0.1	0.1	1448.2	3.0	0.1	0.5	|	3.3	0.1	0.1	26
27	1469.6	52.1	0.3	0	1449.7	4.0	0.2	0.1	1448.8	3.4	0.4	0.2	e	3.3	0.1	0.1	27
28	1467.8	44.6	0.2	4.0	1449.8	4.1	0.2	0.1	1448.6	3.2	0.1	0.2	1448.7	3.3	0.1	0.1	28
29					1449.9	4.1	0.1	0.1	1448.6	3.2	0.1	0.1	1448.7	3.3	0.1	0.1	29
30					1450.1	4.3	0.2	0.1	1449.6	3.2	0.1	0.1	1448.7	3.3	0.1	0.1	30
31					1450.4	4.6	0.1	+					1448.7	3.3	0.1	0.1	31
TOTAL			13.7	4.0			7.3	27.5			3.8	4.5			2.5	2.4	
Inf. Ac. Ft.			27.2				14.5				7.5				5.0	234.9	
Outf. Ac. Ft.			7.9				54.5				8.9				4.8	231.2	
Maximum Mean Daily Inflow			2.2				1.0				0.4				0.2	23.3	
Minimum Mean Daily Inflow			0				0.1				0.1				+	0	
Storage Change	+ 19.2					- 40.0				- 1.4				+ 0.1		+ 3.4	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

										RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Max. W. S. Elev.	1,478.2	feet	on	1/3/66	Storage	95.7	Acre Feet			G. H. SHEPHERD	Dam Tender	Gage Hts. copied	JAS	FM
Min. W. S. Elev.	1,432.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet			R. J. SARASUA	Hydrographer	Storage applied	JAS	FM
Max. Peak Inf.	116	C. F. S. from	11:45 P.M.	on	11/22/65	to	12:00 P.M.	on	11/22/65		Hydrographer	Inf. & Outf. comp.	JAS	FM
Max. Peak Outf.	6.1	C. F. S. from	0:00 A.M.	on	3/1/66	to	12:00 P.M.	on	3/1/66					

REMARKS + = 0.05 CFS OR LESS

76D138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of LIVE OAK Dam

In Live Oak Canyon for the Year Ending September 30, 1966

Drainage Area 2.28 Square Miles. Capacity of Reservoir 242.8 Ac. Ft. at Spillway Elev. 1,496.4 Ft. as of January 1964

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C. F. S. Inflow	JUNE C. F. S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C. F. S. Inflow	JULY C. F. S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C. F. S. Inflow	AUGUST C. F. S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C. F. S. Inflow	SEPTEMBER C. F. S. Outflow	Day
1	1448.7	3.3	0.1	0.1	1447.0	2.4	+	+		+	+	+		e 0.1	+	+	1
2	1448.6	3.2	0	0.1	1447.0	2.4	0.1	0.1			+	+			+	0.1	2
3	1448.6	3.2	0.1	0.1	1446.9	2.3	+	+			0.1	0.1					3
4	1448.6	3.2	0.1	0.1	1446.8	2.3	+	0.1		+	+	+					4
5	1448.5	3.2	0.1	0.1		e 0.1	+	+		e 0.1	0.1	+					5
6	1448.5	3.2	0.1	0.1		0.1	0.1	0.1		0.1	+	+			+	+	6
7	1448.5	3.2	0.1	0.1		0.1	+	+		0.1	0.1	0.1			0.1	0.1	7
8	1448.4	3.1	0.1	0.1		0.1	0.1	0.1		0.2	+	+			+	+	8
9	1448.4	3.1	0.1	0.1		e 0.1	+	+		0.2	+						9
10	1448.3	3.1	0.1	0.1		+	0.1	0.1		0.2	+						10
11	1448.3	3.1	0.1	0.1			+	+		0.3	0.1	+			+	+	11
12	1448.2	3.0	0	0.1			0.1	0.1		0.3	0.1	0.1			0.1	0.1	12
13	1448.1	2.9	0.1	0.1			+	+		0.3	+	+			+	+	13
14	1448.0	2.9	0.1	0.1			0.1	0.1		0.4							14
15	1448.0	2.9	0.1	0.1			+	+		0.4							15
16	1447.9	2.8	0	0.1			0.1	0.1		0.4	+	+					16
17	1447.8	2.8	0.1	0.1			+	+		0.5	0.2	0.1			+	+	17
18	1447.8	2.8	0.1	0.1			0.1	0.1		0.4	+	+			0.1	0.1	18
19	1447.7	2.7	0.1	0.1			+	+		0.4		+			+	+	19
20	1447.7	2.7	0.1	0.1			+	+		0.4		+					20
21	1447.6	2.7	0.1	0.1			0.1	0.1		0.4		0.1					21
22	1447.6	2.7	+	+			+	+		0.3		+					22
23	1447.5	2.6					+	+		0.3							23
24	1447.4	2.6					+	+		0.3							24
25	1447.4	2.6					0.1	0.1		0.3		+					25
26	1447.4	2.6		+			+	+		0.2		0.1					26
27	1447.3	2.5		0.1			+	+		0.2		+			+	+	27
28	1447.3	2.5		+			0.1	0.1		0.2	+	+			0.1	0.1	28
29	1447.2	2.4		+			+	+		0.2	0.1	0.1			+	+	29
30	1447.1	2.4	+	0.1		+	+	+		0.1	+	+		+	+	+	30
31										e 0.1	+	+					31
TOTAL			1.8	2.3			1.1	1.2			0.8	0.7			0.4	0.5	
Inf. Ac. Ft.			3.6				2.2				1.6				0.8	242.9	
Outf. Ac. Ft.			4.6				2.4				1.4				1.0	240.6	
Maximum Mean Daily Inflow			0.1				0.1				0.2				0.1	23.3	
Minimum Mean Daily Inflow			0				0				+				+	0	
Storage Change		-- 0.9				- 2.4				+ 0.1				- 0.1		0 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,478.2	feet	on	1/3/66	Storage	95.7	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,432.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	G. H. SHEPHERD	Dam Tender	Gage Hts. copied	JAS	FM
Max. Peak Inf.	116.	C. F. S. from	11:45 P.M.	on	11/22/65	to	12:00 P.M.	on	11/22/65	R. J. SARASUA	Hydrographer	Storage applied	JAS	FM
Max. Peak Outf.	6.1	C. F. S. from	0:00 A.M.	on	3/1/66	to	12:00 P.M.	on	3/1/66		Hydrographer	Inf. & Outf. comp.	JAS	FM

REMARKS (1) ESTIMATE 2.2 ACRE-FOOT LOSS OF STORAGE DUE TO SILTATION

+ = 0.05 CFS OR LESS.

76D138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of LIVE OAK Dam

In Live Oak Canyon for the Year Ending September 30, 1967

215.4

Drainage Area 2.28 Square Miles. Capacity of Reservoir 242.8 Ac. Ft. at Spillway Elev. 1,496.4 Ft. as of March January 1967 1964

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C. F. S. Inflow	OCTOBER C. F. S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C. F. S. Inflow	NOVEMBER C. F. S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C. F. S. Inflow	DECEMBER C. F. S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C. F. S. Inflow	JANUARY C. F. S. Outflow	Day
1	1432.0	0	+	+	1432.0	0	+	+	1432.0	0	+	+	1469.0	33.0	0.2	0	1
2									1432.0	0	+	+	1469.1	33.4	0.2	0	2
3									1458.1	15.5	7.8	+	1469.2	33.7	0.2	0	3
4									1458.0	15.3	+	0.1	1469.3	34.1	0.2	0	4
5									1473.8	71.8	29.0	0.5	1469.5	34.8	0.2	0	5
6									1492.9	180.1	112.3	44.0	1469.6	35.2	0.2	0	6
7									1487.2	130.7	14.1	39.0	1469.7	35.5	0.2	0	7
8									1484.7	112.2	3.3	12.6	1469.8	35.9	0.2	0	8
9									1482.2	95.1	0.9	9.6	1469.9	36.2	0.2	0	9
10									1480.4	83.7	0.3	6.0	1470.0	36.6	0.2	0	10
11									1479.2	76.7	0.8	4.3	1470.1	37.0	0.2	0	11
12									1477.8	69.2	0.5	4.3	1470.1	37.0	0.2	0	12
13									1476.2	61.4	0.4	4.3	1470.2	37.3	0.2	0	13
14									1475.2	57.0	0.3	2.6	1470.3	37.7	0.1	0	14
15									1474.1	52.3	0.3	2.6	1470.4	38.0	0.1	0	15
16									1473.1	48.3	0.3	2.4	1470.4	38.0	0.1	0	16
17									1472.2	44.8	0.3	2.2	1470.5	38.4	0.1	0	17
18									1471.3	41.3	0.3	2.0	1470.5	38.4	0.1	0	18
19									1470.3	37.7	0.3	1.8	1470.6	38.8	0.1	0	19
20									1469.4	34.4	0.3	1.8	1470.7	39.1	0.1	0	20
21									1468.6	31.7	0.3	1.6	1470.8	39.5	0.1	0	21
22									1467.7	28.8	0.3	1.6	1472.2	44.8	2.7	0	22
23									1467.4	27.8	0.3	0.7	1472.6	46.3	1.5	0.7	23
24									1467.6	28.2	0.3	0	1481.6	91.2	24.5	1.9	24
25									1467.8	29.1	0.3	0	1484.4	110.0	14.1	4.6	25
26									1468.0	29.7	0.2	0	1484.3	109.3	3.4	3.8	26
27									1468.2	30.4	0.2	0	1483.8	105.8	1.9	3.6	27
28									1468.4	31.0	0.2	0	1483.1	101.1	1.0	3.4	28
29									1468.6	31.7	0.2	0	1482.4	96.4	0.7	3.1	29
30					1432.0	0	+	+	1468.8	32.3	0.2	0	1481.5	90.6	0.6	3.5	30
31	1432.0	0	+	+					1468.9	32.7	0.2	0	1480.2	82.5	0.5	4.6	31
TOTAL			+	+			+	+			174.2	144.0			54.3	29.2	
Inf. Ac. Ft.			+				+				345.5				107.7	453.2	
Outf. Ac. Ft.			+				+				285.6				57.9	343.5	
Maximum Mean Daily Inflow			+				+				112.3				24.5	112.3	
Minimum Mean Daily Inflow			+				+				+				0.1	+	
Storage Change		0				0				+ 32.7				+ 49.8		+ 82.5 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,493.2	feet	on	12/6/66	Storage	183.0	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,432.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	G. SHEPHERD	Dam Tender	Gage Hts. copied	FM	RAP
Max. Peak Inf.	360.	C. F. S. from	4:30 P.M.	on	12/6/66	to	5:00 P.M.	on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied	RAP	TS
Max. Peak Outf.	194.	C. F. S. from	4:06 P.M.	on	12/6/66	to	4:21 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	RAP	TS

REMARKS (1) 27.1 ACRE-FEET LOSS DUE TO SILTATION. CHANGE TO STORAGE TABLE IX 12/6/66.

(INDICATES AVERAGE FOR PERIOD.

+ = 0.05 CFS OR LESS.

760130N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of LIVE OAK Dam

In Live Oak Canyon for the Year Ending September 30, 1967

~~On~~

Drainage Area 2.28 Square Miles. Capacity of Reservoir 215.4 Ac. Ft. at Spillway Elev. 1,496.4 Ft. as of March 1967

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1.479.0	75.6	0.4	4.0	1.477.9	69.7	0.3	0	1.472.6	46.3	1.7	0	1.472.8	47.1	0.4	2.4	1
2	1.477.9	69.7	0.4	3.1	1.478.1	70.7	0.3	0	1.473.1	48.3	1.0	0	1.471.8	43.2	0.4	2.2	2
3	1.477.4	67.2	0.3	1.8	1.478.2	71.3	0.2	0	1.473.4	49.5	0.6	0	1.470.8	39.5	0.4	2.2	3
4	1.476.9	64.7	0.3	1.3	1.478.4	72.4	0.2	0	1.473.9	51.5	1.0	0	1.469.8	35.9	0.4	2.0	4
5	1.476.5	62.8	0.3	1.2	1.478.5	72.9	0.2	0	1.474.3	53.2	0.9	0	1.468.7	32.0	0.4	2.0	5
6	1.476.2	61.4	0.3	1.0	1.478.6	73.4	0.2	0	1.474.6	54.4	0.6	0	1.467.6	28.5	0.4	1.8	6
7	1.475.8	59.6	0.3	1.0	1.478.7	74.0	0.2	0	1.475.1	56.5	1.1	0	1.466.3	24.5	0.4	1.8	7
8	1.475.6	58.7	0.3	0.9	1.478.8	74.5	0.2	0	1.475.5	58.3	0.9	0	1.465.1	21.1	0.4	1.8	8
9	1.475.5	58.3	0.3	0.6	1.478.1	70.7	0.2	1.8	1.475.9	60.1	0.9	0	1.463.9	18.0	0.4	1.8	9
10	1.475.4	57.9	0.3	0.9	1.477.0	65.2	0.2	2.6	1.476.3	61.9	0.9	0	1.462.6	14.8	0.4	1.8	10
11	1.474.5	54.0	0.3	2.0	1.475.9	60.1	0.2	2.6	1.477.3	66.7	2.4	0	1.461.3	11.9	0.4	1.8	11
12	1.474.6	54.4	0.3	0.2	1.475.3	57.4	1.1	2.4	1.477.8	69.2	1.3	0	1.459.9	9.0	0.4	1.6	12
13	1.474.9	55.7	0.4	0	1.476.3	61.9	4.4	2.2	1.478.2	71.3	1.0	0	1.458.4	6.2	0.4	1.5	13
14	1.475.2	57.0	0.4	0	1.475.6	58.7	1.3	2.9	1.478.6	73.4	1.1	0	1.457.0	4.0	0.4	1.2	14
15	1.475.5	58.3	0.4	0	1.474.4	53.6	0.5	2.9	1.479.0	75.6	1.1	0	1.455.7	2.2	0.4	1.0	15
16	1.475.7	59.2	0.4	0	1.472.9	47.5	0.5	2.9	1.479.4	77.9	1.1	0	1.454.3	0.8	0.4	1.0	16
17	1.476.0	60.5	0.4	0	1.471.3	41.3	0.5	2.9	1.479.7	79.6	0.9	0	1.454.3	0.8	0.4	0.5	17
18	1.476.2	61.4	0.5	0	1.469.6	35.2	0.5	2.9	1.480.0	81.3	1.5	0.6	1.454.4	0.9	0.4	0.6	18
19	1.476.4	62.4	0.5	0	1.467.9	29.4	0.5	2.6	1.479.8	80.2	2.1	2.7	1.454.4	0.9	0.4	0.6	19
20	1.476.6	63.3	0.5	0	1.467.4	27.8	0.5	1.4	1.478.8	74.5	0.7	3.6	1.454.4	0.9	0.4	0.6	20
21	1.476.8	64.3	0.5	0	1.467.9	29.4	0.5	0	1.478.5	72.9	2.8	3.6	1.454.4	0.9	0.3	0.6	21
22	1.476.9	64.7	0.5	0	1.468.4	31.0	0.5	0	1.479.3	77.3	5.8	3.6	1.454.4	0.9	0.3	0.6	22
23	1.477.1	65.7	0.5	0	1.468.9	32.7	0.4	0	1.479.0	75.6	2.6	3.4	1.454.5	1.0	0.3	0.6	23
24	1.477.3	66.7	0.5	0	1.469.3	34.1	0.4	0	1.479.5	72.9	1.7	3.1	1.454.5	1.0	0.3	0.6	24
25	1.477.4	67.2	0.5	0	1.469.6	35.2	0.4	0	1.477.8	69.2	1.3	3.1	1.454.6	1.1	0.3	0.6	25
26	1.477.6	68.2	0.5	0	1.470.0	36.6	0.4	0	1.477.0	65.2	1.0	3.1	1.454.9	1.4	0.3	0.6	26
27	1.477.7	68.7	0.5	0	1.470.4	38.0	0.4	0	1.476.0	60.5	0.8	3.1	1.455.2	1.7	0.3	0.6	27
28	1.477.8	69.2	0.5	0	1.470.8	39.5	0.4	0	1.475.3	57.4	1.0	2.6	1.455.7	2.2	0.3	0.5	28
29					1.471.0	40.2	0.4	0	1.474.5	54.0	0.9	2.6	1.456.5	3.3	1.1	0.5	29
30					1.471.3	41.3	0.4	0	1.473.7	50.7	0.7	2.4	1.457.2	4.3	1.0	0.5	30
31					1.471.7	42.9	0.4	0					1.458.0	5.5	1.0	0.4	31
TOTAL			11.3	18.0			16.8	30.1			41.4	37.5			13.5	36.3	
Inf. Ac. Ft.			22.4				33.3				82.1				26.8	617.8	
Outf. Ac. Ft.			35.7				59.7				74.4				72.0	585.3	
MAXIMUM Mean Daily Inflow			0.5				4.4				5.8				1.1	112.3	
Minimum Mean Daily Inflow			0.3				0.2				0.6				0.3	+	
Storage Change			- 13.3				- 26.3				+ 7.8				- 45.2	+ 5.5 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,493.2	feet	on	12/6/66	Storage	183.0	Acre Feet		RECORDS COLLECTED BY			COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,432.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet		G. SHEPHERD	Dam Tender		Gage Hts. copied	RAP	
Max. Peak Inf.	360.	C. F. S. from	4:30 P.M.	on	12/6/66	to	5:00 P.M.	on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied	RAP TS	
Max. Peak Outf.	194.	C. F. S. from	4:06 P.M.	on	12/6/66	to	4:21 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	RAP TS	

REMARKS (1) 27.1 ACRE-FEET LOSS DUE TO SILTATION.
{ INDICATES AVERAGE FOR PERIOD.

760130N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of LIVE OAK Dam

In Live Oak Canyon for the Year Ending September 30, 1967

~~On~~

Drainage Area 2.28 Square Miles. Capacity of Reservoir 215.4 Ac. Ft. at Spillway Elev. 1,496.4 Ft. as of March 1967

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1.458.4	6.2	0.5	0.4	1.456.6	3.4	0.5	0.5	1.452.5	+	0.1	0.1	1.452.2	0	0.4	0.4	1
2	1.458.6	6.6	0.5	0.4	1.456.6	3.4	0.5	0.5	1.452.5	+	0.3	0.3			0.4	0.4	2
3	1.458.7	6.8	0.5	0.4	1.456.5	3.3	0.6	0.6	1.452.2	0	0.2	0.2			0.4	0.4	3
4	1.458.8	6.9	0.5	0.4	1.456.5	3.3	0.6	0.6			0.3	0.3			0.5	0.5	4
5	1.458.8	6.9	0.5	0.4	1.456.4	3.2	0.5	0.6			0.4	0.4			0.5	0.5	5
6	1.458.9	7.1	0.5	0.4	1.456.3	3.0	0.5	0.6			0.4	0.4			0.4	0.4	6
7	1.458.3	6.1	0.4	1.0	1.456.2	2.9	0.5	0.5			0.3	0.3			0.3	0.3	7
8	1.456.8	3.7	0.4	1.3	1.456.2	2.9	0.5	0.5			0.3	0.3			0.1	0.1	8
9	1.455.7	2.2	0.4	1.0	1.456.3	3.0	0.5	0.5			0.3	0.3			0.1	0.1	9
10	1.455.1	1.6	0.4	0.9	1.456.3	3.0	0.4	0.4			0.3	0.3			0.1	0.1	10
11	1.454.9	1.4	0.7	0.8	1.456.3	3.0	0.4	0.4			0.3	0.3			0.1	0.1	11
12	1.455.1	1.6	0.8	0.8	1.456.3	3.0	0.4	0.4			0.1	0.1			0.3	0.3	12
13	1.455.1	1.6	0.8	0.8	1.456.2	2.9	0.4	0.4			0.1	0.1			0.3	0.3	13
14	1.455.0	1.4	0.8	0.8	1.456.2	2.9	0.4	0.4			0.1	0.1			0.3	0.3	14
15	1.455.3	1.8	0.8	0.6	1.456.2	2.9	0.4	0.4			0.1	0.1			0.3	0.3	15
16	1.455.1	1.6	0.6	0.6	1.456.2	2.9	0.4	0.4			0.3	0.3			0.1	0.1	16
17	1.455.2	1.7	0.6	0.6	1.456.1	2.7	0.3	0.4			0.3	0.3			0.1	0.1	17
18	1.455.4	1.9	0.6	0.6	1.456.1	2.7	0.4	0.4			0.3	0.3			0.1	0.1	18
19	1.455.7	2.2	0.6	0.5	1.456.0	2.6	0.2	0.3			0.3	0.3			0.1	0.1	19
20	1.455.7	2.2	0.6	0.5	1.456.0	2.6	0.1	0.3			0.3	0.3			0.1	0.1	20
21	1.455.8	2.4	0.6	0.5	1.455.9	2.5	0.1	0.3			0.3	0.3			0.1	0.1	21
22	1.455.8	2.4	0.6	0.5	1.455.8	2.4	0.1	0.3			0.3	0.3			0.1	0.1	22
23	1.455.8	2.4	0.6	0.5	1.455.7	2.2	0.1	0.1			0.3	0.3			0.1	0.1	23
24	1.455.9	2.5	0.6	0.5	1.455.6	2.1	0.1	0.1			0.1	0.1			0.1	0.1	24
25	1.456.0	2.6	0.6	0.5	1.455.4	1.9	0.1	0.1			0.1	0.1			0.1	0.1	25
26	1.456.2	2.9	0.6	0.5	1.452.5	+	0.1	0.8			0.1	0.1			0.3	0.3	26
27	1.456.2	2.9	0.5	0.5	1.452.5		0.1	0.1			0.3	0.3			0.1	0.1	27
28	1.456.3	3.0	0.5	0.5	1.452.5		+	+			0.3	0.3			0.1	0.1	28
29	1.456.3	3.0	0.5	0.5	1.452.5		0.3	0.3			0.3	0.3			0.1	0.1	29
30	1.456.5	3.3	0.5	0.5	1.452.5		0.1	0.1			0.3	0.3	1.452.2	0	0.1	0.1	30
31					1.452.5	+	0.1	0.1	1.452.2	0	0.3	0.3					31
TOTAL			17.1	18.2			9.7	11.4			7.8	7.8			6.2	6.2	
Inf. Ac. Ft.			33.9				19.2				15.5				12.3	698.7	
Outf. Ac. Ft.			36.1				22.6				15.5				12.3	671.8	
MAXIMUM Mean Daily Inflow			0.8				0.6				0.4				0.5	112.3	
Minimum Mean Daily Inflow			0.4				+				0.1				0.1	+	
Storage Change			- 2.2				- 3.3				0				0	- 27.0 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,493.2	feet	on	12/6/66	Storage	183.0	Acre Feet		RECORDS COLLECTED BY			COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,432.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet		G. SHEPHERD	Dam Tender		Gage Hts. copied	RAP TS	
Max. Peak Inf.	360.	C. F. S. from	4:30 P.M.	on	12/6/66	to	5:00 P.M.	on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied	RAP TS	
Max. Peak Outf.	194.	C. F. S. from	4:06 P.M.	on	12/6/66	to	4:21 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.	RAP TS	

REMARKS (1) 27.1 ACRE-FEET LOSS DUE TO SILTATION.
{ INDICATES AVERAGE FOR PERIOD.
+ = 0.05 CFS OR LESS, OR NEGLIGIBLE STORAGE.

76D138N-68B 3-64

Daily Gage Height in feet and Operation Record of THOMPSON CREEK Dam

~~In~~ On Thompson Creek for the Year Ending September 30, 1966

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Drainage Area 3.51 Square Miles. Capacity of Reservoir 554.1 Ac. Ft. at Spillway Elev. 1,634.1 Ft. as of July 1962

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	OCTOBER				NOVEMBER				DECEMBER				JANUARY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1			0	0		0	0	0	1,606.6	91.9	0	0	1,609.1	114.2	3.5	0	1
2			0	0		0	0	0	1,606.2	88.6	0	0	1,609.1	114.2	2.5	0	2
3			0	0		0	0	0	1,605.8	85.4	0	0	1,609.0	113.2	2.0	0	3
4			0	0		0	0	0	1,605.4	82.3	0	0	1,608.8	111.3	1.5	0	4
5			0	0		0	0	0	1,605.1	79.9	0	0	1,608.5	108.6	1.0	0	5
6			0	0		0	0	0	1,604.7	76.8	0	0	1,608.3	106.7	0.8	0	6
7			0	0		0	0	0	1,604.4	74.5	0	0	1,608.0	103.9	0.3	0	7
8			0	0		0	0	0	1,604.0	71.5	0	0	1,607.7	101.3	0.1	0	8
9			0	0		0	0	0	1,603.9	70.8	1.1	0	1,607.4	98.7	0	0	9
10			0	0		0	0	0	1,603.6	68.6	0.4	0	1,607.1	96.1	0	0	10
11			0	0		0	0	0	1,603.3	66.4	0.4	0	1,606.9	94.4	0	0	11
12			0	0		0	0	0	1,603.1	64.9	0.7	0	1,606.6	91.9	0	0	12
13			0	0		0	0	0	1,602.8	62.8	0.4	0	1,606.3	89.5	0	0	13
14			0	0		0	0	0	1,602.5	60.7	0	0	1,606.0	87.0	0	0	14
15			0	0		0	0	0	1,602.2	58.6	0	0	1,605.6	86.2	0	0	15
16			0	0		0	0	0	1,601.9	56.5	0	0	1,605.3	81.5	0	0	16
17			0	0		+	+	0	1,601.6	54.5	0	0	1,605.0	79.1	0	0	17
18			0	0		|	|	0	1,601.4	53.1	0	0	1,604.7	76.8	0	0	18
19			0	0		|	|	0	1,601.1	51.1	0	0	1,604.4	74.5	0	0	19
20			0	0		|	|	0	1,600.8	49.1	0	0	1,604.1	72.3	0	0	20
21			0	0		+	+	0	1,600.6	47.9	0	0	1,603.7	69.3	0	0	21
22			0	0	1,603.0	64.2	33.8	0	1,600.3	46.0	0	0	1,603.4	67.1	0	0	22
23			0	0	1,605.7	84.6	12.2	0	1,600.0	44.1	0	0	1,603.1	64.9	0	0	23
24			0	0	1,607.9	103.0	11.5	0	1,599.8	42.9	0	0	1,602.8	62.8	0	0	24
25			0	0	1,608.5	108.6	5.3	0	1,599.6	41.7	0	0	1,602.5	60.7	0	0	25
26			0	0	1,608.4	107.6	1.8	0	1,599.4	40.6	0	0	1,602.2	58.6	0	0	26
27			0	0	1,608.0	103.9	0.5	0	1,599.1	38.8	0	0	1,601.8	55.8	0	0	27
28			0	0	1,607.7	101.3	0.2	0	1,598.8	37.1	0	0	1,601.5	53.8	0	0	28
29			0	0	1,607.3	97.8	0	0	1,606.3	89.5	28.4	0	1,601.2	51.8	0	0	29
30			0	0	1,606.9	94.4	0	0	1,608.3	106.7	11.1	0	1,601.0	50.4	0	0	30
31			0	0					1,608.9	112.3	5.3	0	1,600.7	48.5	0	0	31
TOTAL			0	0			65.3	0			47.8	0			11.7	0	
Inf. Ac. Ft.			0				129.5				94.8				23.2	247.5	
Outf. Ac. Ft.			0				0 + (35.1)				0 + (77.0)				0 + (87.1)	0 + (199.2)	
Maximum Mean Daily Inflow			0				33.8				28.4				3.5	33.8	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change		0					+ 94.4				+ 17.9			- 63.8		+ 48.5	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,609.1	feet	on	1/2/66	Storage	114.2	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,587.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	R. SONNICHSEN	Dam Tender	Gage Hts. copied	FM	RB
Max. Peak Inf.	140.	C. F. S. from	12:00 MID.	on	11/23/65	to	12:30 A.M.	on	11/23/65	R. J. SARASUA	Hydrographer	Storage applied	FM	RB
Max. Peak Outf.	NO RELEASES	C. F. S. from	–	on	–	to	–	on	–		Hydrographer	Inf. & Outf. comp.	FM	RB

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.
+ = 0.05 CFS OR LESS.

76D138N-68B 3-64

Daily Gage Height in feet and Operation Record of THOMPSON CREEK Dam

~~In~~ On Thompson Creek for the Year Ending September 30, 1966

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Drainage Area 3.51 Square Miles. Capacity of Reservoir 554.1 Ac. Ft. at Spillway Elev. 1,634.1 Ft. as of July 1962

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1,600.6	47.9	0	0	1,596.4	25.2	0	0	1,593.0	12.3	0	0	1,590.8	5.8	0	0	1
2	1,600.3	46.0	0	0	1,596.3	24.8	0	0	1,593.0	12.3	0	0	1,590.7	5.5	0	0	2
3	1,600.0	44.1	0	0	1,596.1	23.8	0	0	1,592.9	12.0	0	0	1,590.6	5.2	0	0	3
4	1,599.8	42.9	0	0	1,596.0	23.4	0	0	1,592.8	11.7	0	0	1,590.5	5.0	0	0	4
5	1,599.5	41.2	0	0	1,595.8	22.6	0	0	1,592.7	11.4	0	0	1,590.4	4.8	0	0	5
6	1,599.3	40.0	0.2	0	1,595.7	22.2	0	0	1,592.7	11.4	0	0	1,590.2	4.2	0	0	6
7	1,599.8	42.9	2.3	0	1,595.5	21.4	0	0	1,592.6	11.0	0	0	1,590.0	3.7	0	0	7
8	1,599.8	42.9	0.8	0	1,595.3	20.6	0	0	1,592.5	10.7	0	0	1,589.8	3.3	0	0	8
9	1,599.7	42.3	0.4	0	1,595.2	20.2	0	0	1,592.4	10.4	0	0	1,589.5	2.7	0	0	9
10	1,599.6	41.7	0.4	0	1,595.1	19.8	0	0	1,592.4	10.4	0	0	1,589.4	2.6	0	0	10
11	1,599.5	41.2	0.4	0	1,595.0	19.4	0	0	1,592.3	10.1	0	0	1,589.1	2.0	0	0	11
12	1,599.4	40.6	0.3	0	1,594.9	19.0	0	0	1,592.2	9.8	0	0	1,588.9	1.6	0	0	12
13	1,599.3	40.0	0.3	0	1,594.8	18.7	0	0	1,592.2	9.8	0	0	1,588.6	1.2	0	0	13
14	1,599.1	38.8	0.2	0	1,594.7	18.3	0	0	1,592.1	9.5	0	0	1,588.3	0.8	0	0	14
15	1,598.9	37.7	0.1	0	1,594.6	18.0	0	0	1,592.0	9.2	0	0	1,588.0	0.5	0	0	15
16	1,598.7	36.6	0	0	1,594.5	17.6	0	0	1,592.0	9.2	0	0	1,587.8	0.4	0	0	16
17	1,598.5	35.5	0	0	1,594.4	17.2	0	0	1,591.9	8.9	0	0	1,587.5	0.2	0	0	17
18	1,598.3	34.4	0	0	1,594.3	16.9	0	0	1,591.8	8.6	0	0	1,587.2	0.1	0	0	18
19	1,598.1	33.3	0	0	1,594.2	16.5	0	0	1,591.8	8.6	0	0		+	0	0	19
20	1,598.0	32.8	0	0	1,594.1	16.2	0	0	1,591.7	8.3	0	0		|	0	0	20
21	1,597.8	31.8	0	0	1,594.0	15.8	0	0	1,591.6	8.0	0	0		|	0	0	21
22	1,597.6	30.8	0	0	1,593.9	15.4	0	0	1,591.5	7.7	0	0		|	0	0	22
23	1,597.4	29.9	0	0	1,593.8	15.1	0	0	1,591.5	7.7	0	0		|	0	0	23
24	1,597.3	29.4	0	0	1,593.7	14.8	0	0	1,591.4	7.4	0	0		|	0	0	24
25	1,597.1	28.4	0	0	1,593.6	14.4	0	0	1,591.4	7.4	0	0		|	0	0	25
26	1,596.9	27.4	0	0	1,593.5	14.0	0	0	1,591.3	7.1	0	0		|	0	0	26
27	1,596.8	27.0	0	0	1,593.4	13.7	0	0	1,591.2	6.8	0	0		|	0	0	27
28	1,596.6	26.1	0	0	1,593.3	13.4	0	0	1,591.1	6.6	0	0		|	0	0	28
29					1,593.2	13.0	0	0	1,591.0	6.3	0	0		|	0	0	29
30					1,593.1	12.6	0	0	1,590.9	6.0	0	0		+	0	0	30
31					1,593.1	12.6	0	0						0	0	0	31
TOTAL			5.4	0			0	0			0	0			0	0	
Inf. Ac. Ft.			10.7				0				0				0	256.2	
Outf. Ac. Ft.			0 + (33.1)				0 + (13.5)				0 + (6.5)				0 + (6.0)	0 + (258.3)	
Maximum Mean Daily Inflow			2.3				0				0				0	33.8	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change		- 22.4					- 13.5				- 6.6			- 6.0		0	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,609.1	feet	on	1/2/66	Storage	114.2	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,587.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	R. SONNICHSEN	Dam Tender	Gage Hts. copied	RB	RAP
Max. Peak Inf.	140.	C. F. S. from	12:00 MID.	on	11/23/65	to	12:30 A.M.	on	11/23/65	R. J. SARASUA	Hydrographer	Storage applied	RB	RAP
Max. Peak Outf.	NO RELEASES	C. F. S. from	–	on	–	to	–	on	–		Hydrographer	Inf. & Outf. comp.	RB	RAP

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.
+ = 0.05 CFS OR LESS.

760138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of THOMPSON CREEK Dam

~~In~~ On Thompson Creek for the Year Ending September 30, 19 66

Drainage Area 3.51 Square Miles. Capacity of Reservoir 554.1 Ac. Ft. at Spillway Elev. 1,634.1 Ft. as of July 19 62

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1			0	0			0	0			0	0			0	0	1
2			0	0			0	0			0	0			0	0	2
3			0	0			0	0			0	0			0	0	3
4			0	0			0	0			0	0			0	0	4
5			0	0			0	0			0	0			0	0	5
6			0	0			0	0			0	0			0	0	6
7			0	0			0	0			0	0			0	0	7
8			0	0			0	0			0	0			0	0	8
9			0	0			0	0			0	0			0	0	9
10			0	0			0	0			0	0			0	0	10
11			0	0			0	0			0	0			0	0	11
12			0	0			0	0			0	0			0	0	12
13		NO STORAGE	0	0		NO STORAGE	0	0		NO STORAGE	0	0		NO STORAGE	0	0	13
14			0	0			0	0			0	0			0	0	14
15			0	0			0	0			0	0			0	0	15
16			0	0			0	0			0	0			0	0	16
17			0	0			0	0			0	0			0	0	17
18			0	0			0	0			0	0			0	0	18
19			0	0			0	0			0	0			0	0	19
20			0	0			0	0			0	0			0	0	20
21			0	0			0	0			0	0			0	0	21
22			0	0			0	0			0	0			0	0	22
23			0	0			0	0			0	0			0	0	23
24			0	0			0	0			0	0			0	0	24
25			0	0			0	0			0	0			0	0	25
26			0	0			0	0			0	0			0	0	26
27			0	0			0	0			0	0			0	0	27
28			0	0			0	0			0	0			0	0	28
29			0	0			0	0			0	0			0	0	29
30			0	0			0	0			0	0			0	0	30
31							0	0			0	0					31
TOTAL			0	0			0	0			0	0			0	0	
Inf. Ac. Ft.			0				0				0				0	258.2	
Outf. Ac. Ft.			0				0				0				0	0 + (258.3)	
Maximum Mean Daily Inflow			0				0				0				0	33.8	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change		0				0				0				0		0	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,609.1	feet	on	1/2/66	Storage	114.2	Acre Feet			
Min. W. S. Elev.	1,587.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet			
Max. Peak Inf.	140.	C. F. S. from	12:00 MID.	on	12/23/65	to	12:30 A.M.	on	11/23/65	
Max. Peak Outf.	NO RELEASES	C. F. S. from	–	on	–	to	–	on	–	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
R. SONNICHSEN	Dam Tender	Gage Hts. copied	RB RAP	
R. J. SARASUA	Hydrographer	Storage applied	RB RAP	
	Hydrographer	Inf. & Outf. comp.	RB RAP	

REMARKS ( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-68B 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of THOMPSON CREEK Dam

~~In~~ On Thompson Creek for the Year Ending September 30, 19 67

Drainage Area 3.51 Square Miles. Capacity of Reservoir 509.6 / 554.1 Ac. Ft. at Spillway Elev. 1,634.1 Ft. as of February / July 1967 / 19 62

Continuous Water Stage Recorder Au

Gage Heights Read at Various Times

Day	OCTOBER				NOVEMBER				DECEMBER				JANUARY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1			0	0			0	0		0	0	0	1608.8	81.7	0	0	1
2			0	0			0	0		0	0	0	1608.6	80.0	0	0	2
3			0	0			0	0		0	0	0	1608.2	76.6	0	0	3
4			0	0			0	0		0	0	0	1607.9	74.1	0	0	4
5			0	0			0	0	1607.8	102.2	53.5	0	1607.5	71.0	0	0	5
6			0	0			0	0	1629.2	393.6(1)	200.0	19.3	1607.3	69.4	0	0	6
7			0	0			0	0	1629.9	408.8	33.3	10.6	1607.0	67.1	0	0	7
8			0	0			0	0	1628.1	370.5	5.0	2.0	1606.7	64.9	0	0	8
9			0	0			0	0	1626.1	330.4	2.0	9.4	1606.4	62.7	0	0	9
10			0	0			0	0	1623.8	287.2	1.0	16.3	1606.1	60.5	0	0	10
11			0	0			0	0	1620.4	229.0	0	23.	1605.8	58.4	0	0	11
12			0	0			0	0	1618.5	199.1	0	13.5	1605.5	56.4	0	0	12
13			0	0			0	0	1617.7	187.1	0	3.1	1605.2	54.4	0	0	13
14		NO STORAGE	0	0		NO STORAGE	0	0	1616.9	175.5	0	2.0	1604.9	52.4	0	0	14
15			0	0			0	0	1616.3	167.0	0	2.0	1604.7	51.1	0	0	15
16			0	0			0	0	1615.7	158.8	0	2.0	1604.4	49.2	0	0	16
17			0	0			0	0	1615.0	149.3	0	2.0	1604.1	47.3	0	0	17
18			0	0			0	0	1614.3	140.3	0	1.6	1603.8	45.5	0	0	18
19			0	0			0	0	1613.6	131.6	0	1.6	1603.6	44.3	0	0	19
20			0	0			0	0	1613.0	124.3	0	1.6	1603.3	42.4	0	0	20
21			0	0			0	0	1612.4	117.5	0	1.6	1603.0	40.6	0	0	21
22			0	0			0	0	1611.8	110.8	0	1.5	1603.8	45.5	3.3	0	22
23			0	0			0	0	1611.5	107.6	0	0.6	1603.9	46.1	1.3	0	23
24			0	0			0	0	1611.2	104.4	0	+	1611.1	103.4	30.5	0	24
25			0	0			0	0	1610.9	101.3	0	+	1613.6	131.6	20.5	3.5	25
26			0	0			0	0	1610.6	98.4	0	+	1613.2	126.7	6.2	6.1	26
27			0	0			0	0	1610.4	96.4	0	0	1612.3	116.3	2.8	6.1	27
28			0	0			0	0	1609.9	91.6	0	0	1611.3	105.5	2.3	6.1	28
29			0	0			0	0	1609.6	88.9	0	0	1610.1	93.5	1.6	6.4	29
30			0	0			0	0	1609.4	87.0	0	0	1609.4	87.0	1.1	3.1	30
31			0	0					1609.1	84.3	0	0	1609.0	83.4	1.2	1.9	31
TOTAL			0	0			0	0			294.8	113.7			70.8	33.2	
Inf. Ac. Ft.			0				0				584.7				140.4	725.1	
Outf. Ac. Ft.			0				0				225.5 + (234.0)				65.9 + (75.6)	291.4 + (309.6)	
Maximum Mean Daily Inflow			0				0				200.0				30.5	200.0	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change		0				0				+ 84.3				– 0.9		+ 83.4 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,630.1	feet	on	12/7/66	Storage	413.2	Acre Feet			
Min. W. S. Elev.	1,591.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet			
Max. Peak Inf.	408.	C. F. S. from	7:00 P.M.	on	12/6/66	to	8:00 P.M.	on	12/6/66	
Max. Peak Outf.	130.	C. F. S. from	9:00 P.M.	on	12/6/66	to	10:18 P.M.	on	12/6/66	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
G. H. SHEPHERD	Dam Tender	Gage Hts. copied	FM RAP FM	
R. J. SARASUA	Hydrographer	Storage applied	FM RAP FM	
	Hydrographer	Inf. & Outf. comp.	RAP	

REMARKS (1) 40.7 ACRE-FEET LOSS DUE TO SILTATION. CHANGE TO STORAGE TABLE IX 12/6/66.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
+ = 0.05 CFS OR LESS.

760138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of THOMPSON CREEK Dam

~~In~~ On Thompson Creek for the Year Ending September 30, 1967

Continuous Water Stage Recorder Au

Drainage Area 3.51 Square Miles. Capacity of Reservoir 509.6 Ac. Ft. at Spillway Elev. 1,634.1 Ft. as of February 1967 Gage Heights Read at Various Times

Day	FEBRUARY Gage Height	FEBRUARY Acre Ft. Storage	FEBRUARY C.F.S. Inflow	FEBRUARY C.F.S. Outflow	MARCH Gage Height	MARCH Acre Ft. Storage	MARCH C.F.S. Inflow	MARCH C.F.S. Outflow	APRIL Gage Height	APRIL Acre Ft. Storage	APRIL C.F.S. Inflow	APRIL C.F.S. Outflow	MAY Gage Height	MAY Acre Ft. Storage	MAY C.F.S. Inflow	MAY C.F.S. Outflow	Day
1	1608.7	80.8	0.5	0.7	1601.6	32.7	0	0	1600.3	25.0	0.5	0	1607.4	70.2	0.6	0	1
2	1608.4	73.3	0.4	0.5	1601.4	31.7	0	0	1600.2	25.5	0.2	0	1607.4	70.2	0.5	0	2
3	1608.2	76.6	0.4	0.5	1601.2	30.6	0	0	1600.2	25.5	0.5	0	1607.3	69.4	0.5	0	3
4	1607.9	74.1	0.3	0.4	1601.0	29.5	0	0	1600.1	25.0	0.3	0	1607.3	69.4	0.5	0	4
5	1607.7	72.6	0.2	0.3	1600.9	29.0	0	0	1600.0	24.5	0.2	0	1607.3	69.4	0.5	0	5
6	1607.3	69.4	0.1	0.9	1600.7	28.0	0	0	1599.9	24.0	0.3	0	1607.3	69.4	0.5	0	6
7	1606.7	64.9	0	1.3	1600.5	27.0	0	0	1599.8	23.6	0.3	0	1607.3	69.4	0.5	0	7
8	1606.1	60.5	0	1.0	1600.3	26.0	0	0	1599.8	23.6	0.2	0	1607.1	67.9	0.4	0	8
9	1605.6	57.1	0	0.8	1600.4	26.5	0.7	0	1599.7	23.1	0.2	0	1607.0	67.1	0.4	0	9
10	1605.4	55.7	0	0.5	1600.8	28.5	1.5	0	1599.7	23.1	0.2	0	1606.8	65.6	0.3	0	10
11	1605.2	54.4	0	+	1601.1	30.0	1.3	0	1599.7	23.1	0.5	0	1606.7	64.9	0.2	0	11
12	1605.0	53.0	0		1601.5	32.2	1.7	0	1599.6	22.7	0.3	0	1606.5	63.4	0.1	0	12
13	1604.8	51.7	0		1601.8	33.8	1.4	0	1599.6	22.7	0.2	0	1606.3	62.0	0	0	13
14	1604.6	50.5	0	+	1602.0	34.9	1.2	0	1599.5	22.2	0.2	0	1606.1	60.5	0	0	14
15	1604.4	49.2	0	0	1602.0	34.9	0.6	0	1599.5	22.2	0.2	0	1606.0	59.8	0	0	15
16	1604.2	48.0	0	0	1601.9	34.4	0.3	0	1599.5	22.2	0.2	0	1605.7	57.8	0	0	16
17	1604.0	46.7	0	0	1601.8	33.8	0.3	0	1599.5	22.2	0.2	0	1605.4	55.7	0	0	17
18	1603.8	45.5	0	0	1601.7	33.3	0.3	0	1599.5	22.2	0.5	0	1605.2	54.4	0	0	18
19	1603.6	44.3	0	0	1601.6	32.7	0.3	0	1599.5	22.2	0.5	0	1605.1	53.7	0	0	19
20	1603.4	43.0	0	0	1601.5	32.2	0.3	0	1599.5	22.2	0.5	0	1605.0	53.0	0	0	20
21	1603.2	41.8	0	0	1601.4	31.7	0.2	0	1601.2	30.6	4.7	0	1604.9	52.4	0	0	21
22	1603.0	40.6	0	0	1601.3	31.1	0.2	0	1604.6	50.5	10.7	0	1604.7	51.1	0	0	22
23	1602.8	39.5	0	0	1601.2	30.6	0.2	0	1605.7	57.8	4.6	0	1604.5	49.8	0	0	23
24	1602.6	38.3	0	0	1601.1	30.0	0.2	0	1606.4	62.7	3.5	0	1604.3	48.6	0	0	24
25	1602.4	37.2	0	0	1601.0	29.5	0.2	0	1606.9	66.4	2.9	0	1604.1	47.3	0	0	25
26	1602.2	36.0	0	0	1600.9	29.0	0.2	0	1607.3	69.4	2.5	0	1603.9	46.1	0	0	26
27	1602.0	34.9	0	0	1600.7	28.0	0.1	0	1607.4	70.2	1.4	0	1603.8	45.5	0	0	27
28	1601.8	33.8	0	0	1600.5	27.0	0.1	0	1607.4	70.2	1.0	0	1603.6	44.3	0	0	28
29					1600.4	26.5	0.1	0	1607.5	71.0	1.4	0	1603.4	43.0	0	0	29
30					1600.4	26.5	0.3	0	1607.5	71.0	1.0	0	1603.2	41.8	0	0	30
31					1600.3	26.0	0.3	0					1602.9	40.0	0	0	31
TOTAL			1.9	6.9			12.0	0			39.9	0			5.1	0	
Inf. Ac. Ft.			3.8				23.8				79.1				10.1	841.9	
Outf. Ac. Ft.			13.7 + (39.7)				0 + (31.5)				0 + (34.1)				0 + (41.1)	305.1 + (456.0)	
Maximum Mean Daily Inflow			0.5				1.7				10.7				0.6	200.0	
Minimum Mean Daily Inflow			0				0				0.2				0	0	
Storage Change		− 49.6				− 7.8				+ 45.0				− 31.0		+ 40.0 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,630.1	feet	on	12/7/66	Storage	413.2	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,591.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	G. H. SHEPHERD	Dam Tender	Gage Hts. copied	FM	FM RAP FM
Max. Peak Inf.	408.	C.F.S. from	7:00 P.M.	on	12/6/66	to	8:00 P.M.	on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied	FM	FM RAP FM
Max. Peak Outf.	130.	C.F.S. from	9:00 P.M.	on	12/6/66	to	10:18 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.		RAP FM

REMARKS (1) 40.7 ACRE-FEET LOSS DUE TO SILTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.
+ = 0.05 CFS OR LESS.

760138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of THOMPSON CREEK Dam

~~In~~ On Thompson Creek for the Year Ending September 30, 1967

Continuous Water Stage Recorder Au

Drainage Area 3.51 Square Miles. Capacity of Reservoir 509.6 Ac. Ft. at Spillway Elev. 1,634.1 Ft. as of February 1967 Gage Heights Read at Various Times

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C.F.S. Inflow	JUNE C.F.S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C.F.S. Inflow	JULY C.F.S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C.F.S. Inflow	AUGUST C.F.S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C.F.S. Inflow	SEPTEMBER C.F.S. Outflow	Day
1	1602.6	38.3	0	0	1598.6	18.2	0	0	1595.5	7.3	0	0	1593.3	2.6	0	0	1
2	1602.3	36.6	0	0	1598.5	17.8	0	0	1595.4	7.1	0	0	1593.2	2.4	0	0	2
3	1602.0	34.9	0	0	1598.4	17.4	0	0	1595.4	7.1	0	0	1593.2	2.4	0	0	3
4	1601.7	33.3	0	0	1598.3	17.0	0	0	1595.3	6.8	0	0	1593.1	2.2	0	0	4
5	1601.4	31.7	0	0	1598.2	16.5	0	0	1595.2	6.5	0	0	1593.1	2.2	0	0	5
6	1601.1	30.0	0	0	1598.1	16.1	0	0	1595.1	6.2	0	0	1593.1	2.2	0	0	6
7	1600.9	29.0	0	0	1598.1	16.1	0	0	1595.0	6.0	0	0	1593.0	2.1	0	0	7
8	1600.9	29.0	0	0	1598.0	15.7	0	0	1595.0	6.0	0	0	1593.0	2.1	0	0	8
9	1600.9	29.0	0	0	1597.9	15.3	0	0	1594.9	5.8	0	0	1592.9	1.9	0	0	9
10	1600.9	29.0	0	0	1597.8	15.0	0	0	1594.8	5.5	0	0	1592.9	1.9	0	0	10
11	1600.9	29.0	0	0	1597.8	15.0	0	0	1594.7	5.3	0	0	1592.9	1.9	0	0	11
12	1600.8	28.5	0	0	1597.6	14.2	0	0	1594.6	5.1	0	0	1592.8	1.8	0	0	12
13	1600.8	28.5	0	0	1597.5	13.8	0	0	1594.6	5.1	0	0	1592.8	1.8	0	0	13
14	1600.7	28.0	0	0	1597.4	13.5	0	0	1594.5	4.9	0	0	1592.7	1.7	0	0	14
15	1600.6	27.5	0	0	1597.3	13.1	0	0	1594.4	4.7	0	0	1592.7	1.7	0	0	15
16	1600.5	27.0	0	0	1597.2	12.7	0	0	1594.3	4.4	0	0	1592.7	1.7	0	0	16
17	1600.4	26.5	0	0	1597.1	12.4	0	0	1594.3	4.4	0	0	1592.6	1.6	0	0	17
18	1600.2	25.5	0	0	1596.9	11.7	0	0	1594.2	4.2	0	0	1592.6	1.6	0	0	18
19	1600.1	25.0	0	0	1596.8	11.3	0	0	1594.1	4.0	0	0	1592.5	1.4	0	0	19
20	1600.0	24.5	0	0	1596.6	10.7	0	0	1594.1	4.0	0	0	1592.5	1.4	0	0	20
21	1599.9	24.0	0	0	1596.6	10.7	0	0	1594.0	3.8	0	0	1592.5	1.4	0	0	21
22	1599.7	23.1	0	0	1596.5	10.4	0	0	1593.9	3.6	0	0	1592.4	1.3	0	0	22
23	1599.6	22.7	0	0	1596.4	10.0	0	0	1593.8	3.4	0	0	1592.4	1.3	0	0	23
24	1599.5	22.2	0	0	1596.3	9.7	0	0	1593.8	3.4	0	0	1592.3	1.2	0	0	24
25	1599.3	21.3	0	0	1596.2	9.4	0	0	1593.7	3.3	0	0	1592.3	1.2	0	0	25
26	1599.2	20.8	0	0	1596.1	9.0	0	0	1593.6	3.1	0	0	1592.3	1.2	0	0	26
27	1599.1	20.4	0	0	1596.1	9.0	0	0	1593.6	3.1	0	0	1592.2	1.0	0	0	27
28	1599.0	19.9	0	0	1596.0	8.7	0	0	1593.5	2.9	0	0	1592.2	1.0	0	0	28
29	1598.8	19.1	0	0	1595.9	8.4	0	0	1593.4	2.8	0	0	1592.1	0.9	0	0	29
30	1598.7	18.6	0	0	1595.8	8.2	0	0	1593.3	2.6	0	0	1592.1	0.9	0	0	30
31					1595.6	7.6	0	0	1593.3	2.6	0	0					31
TOTAL			0	0			0	0			0	0			0	0	
Inf. Ac. Ft.			0				0				0				0	841.9	
Outf. Ac. Ft.			0 + (21.4)				0 + (10.9)				0 + (5.0)				0 + (1.8)	305.1 + (495.1)	
Maximum Mean Daily Inflow			0				0				0				0	200.0	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change		− 21.4				− 11.0				− 5.0				− 1.7		+ 0.9 (1)	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	1,630.1	feet	on	12/7/66	Storage	413.2	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1,591.0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	G. H. SHEPHERD	Dam Tender	Gage Hts. copied	FM	RAP FM
Max. Peak Inf.	408.	C.F.S. from	7:00 P.M.	on	12/6/66	to	8:00 P.M.	on	12/6/66	R. J. SARASUA	Hydrographer	Storage applied		RAP FM
Max. Peak Outf.	130.	C.F.S. from	9:00 P.M.	on	12/6/66	to	10:18 P.M.	on	12/6/66		Hydrographer	Inf. & Outf. comp.		RAP FM

REMARKS (1) 40.7 ACRE-FEET LOSS DUE TO SILTATION.
( ) INDICATES EVAPORATION AND OTHER LOSSES.

760138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of HAMILTON BOWL Dam

In Long Beach ~~Co.~~ for the Year Ending September 30, 1966

Continuous Water Stage Recorder Stevens A-35

Drainage Area 3.5 Square Miles. Capacity of Reservoir 160.4 Ac. Ft. at Spillway Elev. 17.± Ft. as of July 1947 Gage Heights Read at Various Times

Day	OCTOBER				NOVEMBER				DECEMBER				JANUARY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1.1	0	0	0	1.1	0	0	0	1.1	0	0	0	1.1	0	0	0.4	1
2			0	0			0	0			0	0			0	0	2
3			0	0			0.1	0.1			0	0			0	0	3
4			0	0			0	0			0	0			0	0	4
5			0	0			0	0			0	0			0	0	5
6			0	0			0	0			0	0			0	0	6
7			0	0			0	0			0	0			0	0	7
8			0	0			0	0	1.1	0	0	0			0	0	8
9			0	0	1.1	0	0	0	6.5	1.6	7.4	6.6			0	0	9
10			0	0	3.6	0.1	0.1	0	4.6	0.4	7.6	3.2			0	0	10
11			0	0	3.7	0.2	0	0	1.1	0	0	0.2			0	0	11
12			0	0	4.3	0.3	0.1	0	1.1	0	2.2	2.2			0	0	12
13			0	0	4.3	0.3	0	0	1.1	0	0	0			0	0	13
14			0	0	9.6	16.0	7.9	0	5.6	0.9	2.4	1.9			0	0	14
15			0	0	6.4	1.5	10.9	13.2	1.1	0	0	0.5			0	0	15
16			0	0	7.7	5.4	23.9	27.0			1.2	1.2			0	0	16
17			0	0	6.7	1.8	8.0	9.8			0	0			0	0	17
18			0	0	4.4	0.4	5.5	6.2			0	0			0	0	18
19			0	0	1.1	0	0	0.2			0	0			0	0	19
20			0	0	1.1	0	0	0			0	0			0	0	20
21	1.1	0	0	0	1.1	0	0	0			0	0			0	0	21
22	3.6	0.1	0.1	0	3.7	17.6	35.2	26.3			0	0			0	0	22
23	3.8	0.2	0	0	7.2	2.9	4.0	11.5			0	0			0	0	23
24	3.9	0.2	0	0	7.1	2.4	5.9	6.1			0	0			0	0	24
25	3.9	0.2	0	0	4.7	0.5	2.3	3.2			0	0			0	0	25
26	4.0	0.2	0	0	1.1	0	0	0.3			0	0			0	0	26
27	4.1	0.2	0	0			0	0	1.1	0	0	0			0	0	27
28	4.2	0.3	0.1	0			0	0	4.7	0.5	0.3	0			0	0	28
29	1.1	0	0	0.2			0	0	6.7	1.8	34.8	34.2	1.1	0	0	0	29
30	1.1	0	0.2	0.2	1.1	0	0	0	5.7	1.0	1.0	1.4	4.7	0.5	22.5	22.2	30
31	1.1	0	0	0					5.3	0.8	2.3	2.4	1.1	0	0	0.3	31
TOTAL			0.4	0.4			109.9	109.9			59.2	58.8			22.5	22.9	
Inf. Ac. Ft.			0.8				216.0				117.4				44.6	378.8	
Outf. Ac. Ft.			0.8				216.0				116.6				45.4	378.8	
Maximum Mean Daily Inflow			0.1				35.2				34.2				22.5	35.2	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change	0					0				+ 0.8				- 0.8		0	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	9.00	feet	on	12/29/65	Storage	22.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1.1	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	D. RAGSDALE	Dam Tender	Gage Hts. copied	FM	
Max. Peak Inf.	249.	C. F. S. from	3:12 P.M.	on	12/29/65	to	3:32 P.M.	on	12/29/65	M. L. SJOSTEDT	Hydrographer	Storage applied	FM	
Max. Peak Outf.	52.6	C. F. S. from	5:50 A.M.	on	1/30/66	to	10:12 A.M.	on	1/30/66		Hydrographer	Inf. & Outf. comp.	FM	

REMARKS

760138N-688 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of HAMILTON BOWL Dam

In Long Beach ~~Co.~~ for the Year Ending September 30, 1966

Continuous Water Stage Recorder Stevens A-35

Drainage Area 3.5 Square Miles. Capacity of Reservoir 160.4 Ac. Ft. at Spillway Elev. 17.± Ft. as of July 1947 Gage Heights Read at Various Times

Day	February				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	7.7	5.4	2.7	0	1.1	0	0	0	1.1	0	0	0	1.1	0	0	0	1
2	1.1	0	1.7	4.4			0.3	0.3			0	0			0	0	2
3	1.1	0	0	0			0	0			0	0			0	0	3
4	1.1	0	0	0			0	0			0	0			0	0	4
5	1.1	0	0	0			0	0			0	0			0	0	5
6	5.3	0.8	13.3	12.9			0	0			0	0			0	0	6
7	1.1	0	5.6	6.0			0	0			0	0			0	0	7
8			0	0			0	0			0	0			0	0	8
9			0	0			0	0			0	0			0	0	9
10			0	0			0	0			0	0			0	0	10
11			0	0			0	0			0	0			0	0	11
12			0	0			0	0			0	0			0	0	12
13			0	0			0	0			0	0			0	0	13
14			0	0			0	0			0	0			0	0	14
15			0	0			0	0			0	0			0	0	15
16			0	0			0	0			+	+			0	0	16
17			0	0			0	0			0	0			0	0	17
18			0	0			0	0			0	0			0	0	18
19			0	0			0	0			0	0			0	0	19
20			0	0			0	0			0	0			0	0	20
21			0	0			0	0			0	0			0	0	21
22			0	0			0	0			0	0			0	0	22
23			0	0			0	0			0	0			0	0	23
24			0	0			0	0			0	0			0	0	24
25			0	0			4.7	4.7			0	0			0	0	25
26			0	0			0	0			0	0			0	0	26
27			0	0			0	0			0	0			0	0	27
28	1.1	0	0	0			0	0			0	0			0	0	28
29							0	0			0	0			0	0	29
30							0	0	1.1	0	0	0			0	0	30
31					1.1	0	0	0					1.1	0	0	0	31
TOTAL			23.3	23.3			5.0	5.0			0	0			0	0	
Inf. Ac. Ft.			46.2				9.9				0				0	434.9	
Outf. Ac. Ft.			46.2				9.9				0				0	434.9	
Maximum Mean Daily Inflow			13.3				4.7				+				0	35.2	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change	0					0				0				0		0	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	9.00	feet	on	12/29/65	Storage	22.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
Min. W. S. Elev.	1.1	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	D. RAGSDALE	Dam Tender	Gage Hts. copied	FM	
Max. Peak Inf.	249.	C. F. S. from	3:12 P.M.	on	12/29/65	to	3:32 P.M.	on	12/29/65	M. L. SJOSTEDT	Hydrographer	Storage applied	FM	
Max. Peak Outf.	52.6	C. F. S. from	5:50 A.M.	on	1/30/66	to	10:12 A.M.	on	1/30/66		Hydrographer	Inf. & Outf. comp.	FM	

REMARKS + = 0.05 CFS OR LESS.

760138N-568 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of HAMILTON BOWL Dam

In Long Beach

On

for the Year Ending September 30, 1966

Continuous Water Stage Recorder Stevens A-35

Drainage Area 3.5 Square Miles. Capacity of Reservoir 160.4 Ac. Ft. at Spillway Elev. 17.± Ft. as of July 1947 Gage Heights Read at Various Times

Day	JUNE Gage Height	JUNE Acre Ft. Storage	JUNE C.F.S. Inflow	JUNE C.F.S. Outflow	JULY Gage Height	JULY Acre Ft. Storage	JULY C.F.S. Inflow	JULY C.F.S. Outflow	AUGUST Gage Height	AUGUST Acre Ft. Storage	AUGUST C.F.S. Inflow	AUGUST C.F.S. Outflow	SEPTEMBER Gage Height	SEPTEMBER Acre Ft. Storage	SEPTEMBER C.F.S. Inflow	SEPTEMBER C.F.S. Outflow	Day
1	1.1	0	0	0	1.1	0	0	0	1.1	0	0	0	1.1	0	0	0	1
2			0	0			0	0			0	0			0	0	2
3			0	0			0	0			0	0			0	0	3
4			0	0			0	0			0	0			0	0	4
5			0	0			0	0			0	0			0	0	5
6			0	0			0	0			0	0			0	0	6
7			0	0			0	0			0	0			0	0	7
8			0	0			0	0			0	0			0	0	8
9			0	0			0	0			0	0			0	0	9
10			0	0			0	0			0	0			0	0	10
11			0	0			0	0			0	0			0	0	11
12			0	0			0	0			0	0			0	0	12
13			0	0			0	0			0	0			0	0	13
14			0	0			0	0			0	0			0	0	14
15			0	0			0	0			0	0			0	0	15
16			0	0			0	0			0	0			0	0	16
17			0	0			0	0			0	0			0	0	17
18			0	0			0	0			0	0			0	0	18
19			0	0			0	0			0	0			0	0	19
20			0	0			0	0			0	0			0	0	20
21			0	0			0	0			0	0			0	0	21
22			0	0			0	0			0	0			0	0	22
23			0	0			0	0			0	0			0	0	23
24			0	0			0	0			0	0			0	0	24
25			0	0			0	0			0	0			0	0	25
26			0	0			0	0			0	0			0	0	26
27			0	0			0	0			0	0			0	0	27
28			0	0			0	0			0	0			0	0	28
29			0	0			0	0			0	0			0	0	29
30	1.1	0	0	0			0	0			0	0	1.1	0	0	0	30
31					1.1	0	0	0	1.1	0	0	0					31
TOTAL			0	0			0	0			0	0			0	0	
Inf. Ac. Ft.			0				0				0				0	434.9	
Outf. Ac. Ft.			0				0				0				0	434.9	
Maximum Mean Daily Inflow			0				0				0				0	35.2	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change		0				0				0				0		0	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	9.00	feet	on	12/29/65	Storage	22.4	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	1.1	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	D. RAGSDALE	Dam Tender	Gage Hts. copied FM
Max. Peak Inf.	249.	C. F. S. from	3:12 P.M.	on	12/29/65	to	3:32 P.M.	on	12/29/65	M. L. SJOSTEDT	Hydrographer	Storage applied FM
Max. Peak Outf.	52.6	C. F. S. from	5:50 A.M.	on	1/30/66	to	10:12 A.M.	on	1/30/66		Hydrographer	Inf. & Outf. comp. FM

REMARKS

760138N-568 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of HAMILTON BOWL Dam

In Long Beach

~~On~~

for the Year Ending September 30, 1967

Continuous Water Stage Recorder Stevens A-35

Drainage Area 3.5 Square Miles. Capacity of Reservoir 160.4 Ac. Ft. at Spillway Elev. 17.± Ft. as of July 1947 Gage Heights Read at Various Times

Day	OCTOBER Gage Height	OCTOBER Acre Ft. Storage	OCTOBER C.F.S. Inflow	OCTOBER C.F.S. Outflow	NOVEMBER Gage Height	NOVEMBER Acre Ft. Storage	NOVEMBER C.F.S. Inflow	NOVEMBER C.F.S. Outflow	DECEMBER Gage Height	DECEMBER Acre Ft. Storage	DECEMBER C.F.S. Inflow	DECEMBER C.F.S. Outflow	JANUARY Gage Height	JANUARY Acre Ft. Storage	JANUARY C.F.S. Inflow	JANUARY C.F.S. Outflow	Day
1	1.8	0	0	0	1.8	0	0	0	1.8	0	0	0	1.8	0	0	0	1
2					1.8	0	0	0	7.3	3.1	3.3	1.7			0	0	2
3					1.8	0	0	0	1.8	0	24.7	26.3			0	0	3
4					1.8	0	0	0	7.8	6.2	3.1	0			0	0	4
5					1.8	0	0	0	7.6	4.6	34.0	34.8			0	0	5
6					1.8	0	0	0	7.4	3.5	5.7	6.2			0	0	6
7					6.3	1.4	26.9	26.2	5.3	0.8	1.4	2.8			0	0	7
8					1.8	0	0	0.7	1.8	0	0	0.4			0	0	8
9							0	0				0			0	0	9
10							0	0							0	0	10
11							0	0							0	0	11
12							0	0							0	0	12
13							0	0							0	0	13
14							0	0							0	0	14
15							0	0							0	0	15
16							0	0							0	0	16
17							0	0							0	0	17
18							0	0							0	0	18
19							0	0							0	0	19
20							0	0							0	0	20
21							0	0					1.8	0	0	0	21
22							+	+					10.5	46.9	48.2	24.6	22
23							0	0					5.5	0.9	4.2	27.3	23
24							0	0					5.8	1.0	31.7	31.7	24
25							0	0					1.8	0	0	0.5	25
26							0	0					1.8	0	0	0	26
27							0	0					3.9	0.2	0.1	0	27
28							0	0			0	0	4.1	0.2	+	0	28
29							0	0			+	+	1.8	0	0	0.1	29
30					1.8	0	0	0			0	0	6.8	1.9	1.0	0	30
31	1.8	0	0	0					1.8	0	+	+	1.8	0	0	1.0	31
TOTAL			0	0			26.9	26.9			72.2	72.2			85.2	85.2	
Inf. Ac. Ft.			0				53.4				143.2				169.0	365.6	
Outf. Ac. Ft.			0				53.4				143.2				169.0	365.6	
Maximum Mean Daily Inflow			0				26.9				34.0				48.2	48.2	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change		0				0				0				0		0	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	10.7	feet	on	1/22/67	Storage	50.2	Acre Feet	RECORDS COLLECTED BY		COMPUTATIONS ckd. Date
Min. W. S. Elev.	0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet	D. RAGSDALE	Dam Tender	Gage Hts. copied MLS RAP
Max. Peak Inf.	470.	C. F. S. from	9:00 P.M.	on	1/22/67	to	10:00 P.M.	on	1/22/67	M. L. SJOSTEDT	Hydrographer	Storage applied MLS RAP
Max. Peak Outf.	51.8	C. F. S. from	9:36 A.M.	on	11/7/66	to	9:44 A.M.	on	11/7/66		Hydrographer	Inf. & Outf. comp. MLS RAP

REMARKS + = 0.05 CFS OR LESS.

76D138N-6BB 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of HAMILTON BOWL Dam

In Long Beach for the Year Ending September 30, 1967

~~Or~~

Drainage Area 3.5 Square Miles. Capacity of Reservoir 160.4 Ac. Ft. at Spillway Elev. 17.± Ft. as of July 1947

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read at Various Times

Day	FEBRUARY				MARCH				APRIL				MAY				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1.8	0	0	0	1.8	0	0	0	6.0	1.2	6.4	5.8	1.8	0	0	0	1
2	↑	↑	↑	↑	1.8	0	0	0	1.8	0	0	0.6	↑	↑	↑	↑	2
3	↑	↑	↑	↑	1.8	0	0	0	↑	↑	0	0	↑	↑	↑	↑	3
4	↑	↑	↑	↑	1.8	0	1.7	1.7	↑	↑	0	0	↑	↑	↑	↑	4
5	↑	↑	↑	↑	1.8	0	0	0	↑	↑	0	0	↑	↑	↑	↑	5
6	↑	↑	↑	↑	1.8	0	0	0	↑	↑	0	0	↑	↑	↑	↑	6
7	↑	↑	↑	↑	1.8	0	0	0	↑	↑	+	+	↑	↑	↑	↑	7
8	↑	↑	↑	↑	1.8	0	0	0	↑	↑	0	0	↑	↑	↑	↑	8
9	↑	↑	↑	↑	1.8	0	0	0	↑	↑	0	0	↑	↑	↑	↑	9
10	↑	↑	↑	↑	1.8	0	0	0	↑	↑	0	0	↑	↑	↑	↑	10
11	↑	↑	↑	↑	1.8	0	1.3	1.3	↑	↑	5.0	5.0	↑	↑	↑	↑	11
12	↑	↑	↑	↑	4.1	0.2	1.9	1.8	↑	↑	0	0	↑	↑	↑	↑	12
13	↑	↑	↑	↑	7.5	3.8	4.2	2.4	↑	↑	0	0	↑	↑	↑	↑	13
14	↑	↑	↑	↑	6.8	1.9	0.8	1.7	↑	↑	0	0	↑	↑	↑	↑	14
15	↑	↑	↑	↑	1.8	0	0	1.0	↑	↑	0	0	↑	↑	↑	↑	15
16	↑	↑	↑	↑	↑	↑	↑	0	↑	↑	0	0	↑	↑	↑	↑	16
17	↑	↑	↑	↑	↑	↑	↑	↑	1.8	0	0	0	↑	↑	↑	↑	17
18	↑	↑	↑	↑	↑	↑	↑	↑	7.2	2.8	6.1	4.7	↑	↑	↑	↑	18
19	↑	↑	↑	↑	↑	↑	↑	↑	5.3	0.8	2.4	3.4	↑	↑	↑	↑	19
20	↑	↑	↑	↑	↑	↑	↑	↑	1.8	0	0	0.4	↑	↑	↑	↑	20
21	↑	↑	↑	↑	↑	↑	↑	↑	6.7	1.8	5.6	4.7	↑	↑	↑	↑	21
22	↑	↑	↑	↑	↑	↑	↑	↑	1.8	0	0.9	1.8	↑	↑	↑	↑	22
23	1.8	0	0	↑	↑	↑	↑	↑	1.8	0	0	0	↑	↑	↑	↑	23
24	3.9	0.2	0.1	0	↑	↑	↑	↑	1.8	0	0.3	0.3	↑	↑	↑	↑	24
25	1.8	0	0	0.1	↑	↑	↑	↑	1.8	0	0	0	↑	↑	↑	↑	25
26	1.8	0	0	0	↑	↑	↑	↑	1.8	0	0	0	↑	↑	↑	↑	26
27	1.8	0	0	0	↑	↑	↑	↑	1.8	0	0	0	↑	↑	↑	↑	27
28	1.8	0	0	0	↑	↑	↑	↑	3.6	0.1	1.6	1.5	↑	↑	↑	↑	28
29	↑	↑	↑	↑	↑	↑	↑	↑	3.9	0.2	+	0	↑	↑	↑	↑	29
30	↑	↑	↑	↑	↑	↑	0	0	1.8	0	0	0.1	↑	↑	↑	↑	30
31	↑	↑	↑	↑	1.8	0	2.7	2.7	↑	↑	↑	↑	1.8	0	0	0	31
TOTAL			0.1	0.1			12.6	12.6			28.3	28.3			0	0	
Inf. Ac. Ft.			0.2				25.0				56.1				0	446.9	
Outf. Ac. Ft.			0.2				25.0				56.1				0	446.9	
MAXIMUM Mean Daily Inflow			0.1				4.2				6.4				0	48.2	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change	0				0				0				0		0		

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	10.7	feet	on	1/22/67	Storage	50.2	Acre Feet			
Min. W. S. Elev.	0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet			
Max. Peak Inf.	470.	C. F. S. from	9:00 P.M.	on	1/22/67	to	10:00 P.M.	on	1/22/67	
Max. Peak Outf.	51.8	C. F. S. from	9:36 A.M.	on	11/7/66	to	9:44 A.M.	on	11/7/66	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
D. RAGSDALE	Dam Tender	Gage Hts. copied	MLS	RAP
M. L. SJOSTEDT	Hydrographer	Storage applied	MLS	RAP
	Hydrographer	Inf. & Outf. comp.	MLS	RAP

REMARKS + = 0.05 CFS OR LESS

76D138N-6BB 3-64

DAM OPERATION RECORD
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

Daily Gage Height in feet and Operation Record of HAMILTON BOWL Dam

In Long Beach for the Year Ending September 30, 1967

~~Or~~

Drainage Area 3.5 Square Miles. Capacity of Reservoir 160.4 Ac. Ft. at Spillway Elev. 17.± Ft. as of July 1947

Continuous Water Stage Recorder Stevens A-35

Gage Heights Read at Various Times

Day	JUNE				JULY				AUGUST				SEPTEMBER				Day
	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	Gage Height	Acre Ft. Storage	C. F. S. Inflow	C. F. S. Outflow	
1	1.8	0	0	0	1.8	0	0	0	1.8	0	0	0	1.8	0	0.1	0.1	1
2	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	0	0	2
3	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	3
4																	4
5																	5
6																	6
7																	7
8																	8
9																	9
10																	10
11																	11
12																	12
13																	13
14																	14
15																	15
16																	16
17																	17
18																	18
19																	19
20													↓	↓	↓	↓	20
21													1.8	0	0	↓	21
22													3.7	0.2	0.1		22
23													4.0	0.2	+	0	23
24													1.8	0	0	0.1	24
25													1.8	0	0	0	25
26													1.8	0	0	0	26
27													4.1	0.2	5.2	5.1	27
28	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	4.7	0.5	0.7	0.5	28
29													4.5	0.4	0.1	0.2	29
30	1.8	0	0	0	↓	↓	↓	↓	↓	↓	↓	↓					30
31					1.8	0	0	0	1.8	0	0	0					31
TOTAL			0	0			0	0			0	0			6.2	6.0	
Inf. Ac. Ft.			0				0				0				12.3	459.2	
Outf. Ac. Ft.			0				0				0				11.9	458.8	
MAXIMUM Mean Daily Inflow			0				0				0				5.2	48.2	
Minimum Mean Daily Inflow			0				0				0				0	0	
Storage Change	0				0				0				+ 0.4			+ 0.4	

NOTE: Gage Heights and Storages as of Midnight on Day Shown

Max. W. S. Elev.	10.7	feet	on	1/22/67	Storage	50.2	Acre Feet			
Min. W. S. Elev.	0	feet	on	VARIOUS DAYS	Storage	0	Acre Feet			
Max. Peak Inf.	470.	C. F. S. from	9:00 P.M.	on	1/22/67	to	10:00 P.M.	on	1/22/67	
Max. Peak Outf.	51.8	C. F. S. from	9:36 A.M.	on	1/7/66	to	9:44 A.M.	on	11/7/66	

RECORDS COLLECTED BY		COMPUTATIONS	ckd.	Date
D. RAGSDALE	Dam Tender	Gage Hts. copied	MLS	RAP
M. L. SJOSTEDT	Hydrographer	Storage applied	MLS	RAP
	Hydrographer	Inf. & Outf. comp.	MLS	RAP

REMARKS + = 0.05 CFS OR LESS

TABLE XV

YEARLY RESERVOIR OPERATION SUMMARY

1965–66 1966–67

DAM	YEAR	INFLOW			OUTFLOW	PEAK INFLOW				PEAK OUTFLOW				STORAGE		
		ANNUAL A.F.	MAX. DAY CFS	MIN. DAY CFS	ANNUAL A.F.	MO.	DAY	PERIOD	CFS	MO.	DAY	PERIOD	CFS	MAX. A.F.	MIN. A.F.	SEPT. 30 A.F.
PACOIMA	1965-66	15,553.	647.	0	15,214.	11	22	8:00 P.M. TO 9:00 P.M.	2,010.	11	23	3:30 P.M. TO 4:30 P.M.	564.	2,665.	222.	309.
	1966-67	23,605.	698.	0.4	23,600.	12	6	6:00 P.M. TO 7:00 P.M.	1,381.	7	6	8:00 A.M. TO 4:00 P.M.	197.	4,440.	96.	313.
BIG TUJUNGA	1965-66	30,772.	2,811.	0.6	29,779.	12	29	3:00 P.M. TO 3:20 P.M.	10,797.	11	23	1:00 A.M. TO 3:00 A.M.	2,680.	3,788.	404.	1,200.
	1966-67	30,158.	1,182.	1.6	30,338.	12	6	5:00 P.M. TO 6:00 P.M.	2,600.	12	6	4:30 P.M. TO 8:05 P.M.	1,550.	3,788.	327.	1,021.
DEVIL'S GATE	1965-66	15,667.	1,338.	0	13,199.	11	22	6:00 P.M. TO 7:00 P.M.	3,736.	11	22/23	11:15 P.M. TO 1:00 A.M.	2,108.	2,015.	0	1.9
	1966-67	16,391.	934.	0	6,057	12	6	5:00 P.M. TO 6:00 P.M.	2,130.	12	6	6:30 P.M. TO 7:30 P.M.	1,615.	2,451.	0.7	208.
EATON WASH	1965-66	5,300.	415.	0	4,167.	12	29	2:00 P.M. TO 2:30 P.M.	1,525.	12	29	3:30 P.M. TO 6:30 P.M.	510.	778.	0	0
	1966-67	3,856.	317.	0	1,907.	12	6	6:00 P.M. TO 7:00 P.M.	595.	12	6	6:09 P.M. TO 7:54 P.M.	605.	720.	0	0
SANTA ANITA	1965-66	13,102.	600.	0.4	12,933.	12	29	3:45 P.M. TO 4:00 P.M.	1,915.	12	29	7:45 P.M. TO 8:00 P.M.	1,223.	602.	0	219.
	1966-67	16,245.	645.	1.5	10,261.	12	6	5:00 P.M. TO 5:15 P.M.	1,515.	12	6	5:36 P.M. TO 6:30 P.M.	1,270.	598.	0	203.
SAWPIT	1965-66	2,224.	87.	0	2,218.	12	29	4:00 P.M. TO 5:00 P.M.	423.			AT VARIOUS TIMES	47.	180.	41.	41.
	1966-67	3,985.	157.	1.1	3,980.	12	6	5:00 P.M. TO 6:00 P.M.	307.	12	6	11:45 P.M. TO 12:30 P.M.	240.	128.	25.	28.
COGSWELL	1965-66	41,747.	2,641.	0.3	42,170.	12	29	2:00 P.M. TO 3:00 P.M.	9,219.	11	22	11:36 P.M. TO 12:00 P.M.	2,570.	7,842.	0	0
	1966-67	40,504.	1,856.	0.6	32,757.	12	6	5:00 P.M. TO 6:00 P.M.	4,650.	12	6	4:33 P.M. TO 5:03 P.M.	2,380.	10,014.	0	7,112.
SAN GABRIEL	1965-66	220,689.	9,028.	12.	217,503.	12	29	3:00 P.M. TO 4:00 P.M.	27,176.	11	23	2:00 A.M. TO 6:00 A.M.	9,135.	21,744.	7	4,919.
	1966-67	224,903.	6,698.	30.	224,536.	12	6	5:30 P.M. TO 6:00 P.M.	12,417.	12	6	7:42 P.M. TO 9:00 P.M.	5,090.	30,061.	2,183.	4,337.
BIG DALTON	1965-66	2,210.	113.	0	2,013.	11	22	4:00 P.M. TO 5:00 P.M.	489.	11	23	1:30 A.M. TO 4:00 A.M.	40.	566.	198.	258.
	1966-67	4,787.	292.	0.1	4,790.	12	6	4:30 P.M. TO 5:00 P.M.	685.	12	6	6:00 P.M. TO 9:30 P.M.	615.	690.	119.	144.
SAN DIMAS	1965-66	6,494.	305.	0.2	6,326.	12	29	4:30 P.M. TO 4:45 P.M.	1,015.	11	22/23	9:30 P.M. TO 9:00 A.M.	500.	740.	0	53.
	1966-67	12,352.	574.	0	11,598.	12	6	5:00 P.M. TO 5:20 P.M.	1,716.	12	6	6:00 P.M. TO 8:00 P.M.	1,190.	1,122.	0.2	714.
PUDDINGSTONE DIVERSION	1965-66	6,471.	320.	0	5,864.	11	22	10:45 P.M. TO 11:00 P.M.	864.	11	22	11:00 P.M. TO 11:15 P.M.	851.	94.	0	12.
	1966-67	13,656.	958.	0	12,140.	12	6	7:06 P.M. TO 8:06 P.M.	2,230.	12	6	7:06 P.M. TO 8:06 P.M.	2,230.	91.	0	0
PUDDINGSTONE	1965-66	10,456.	444.	0	3,065.	11	22	10:00 P.M. TO 12:00 MID.	1,591.	12	13	8:06 A.M. TO 6:00 P.M.	112.	8,736.	157.	6,434.
	1966-67	11,508.	1,090.	0	9,988.	12	6	6:00 P.M. TO 7:00 P.M.	2,240.	5	5/6	1:12 P.M. TO MID.	159.	10,628.	6,337.	6,446.
LIVE OAK	1965-66	243.	23.	0	241.	11	22	11:45 P.M. TO 12:00 MID.	116.	3	1	MEAN DAILY	6.1	96.	0	+
	1966-67	699.	112.	+	672.	12	6	4:30 P.M. TO 5:00 P.M.	360.	12	6	4:06 P.M. TO 4:21 P.M.	121.	183.	0	0.1
THOMPSON CREEK	1965-66	258.	34.	0	0	11	23	0:00 A.M. TO 0:30 A.M.	140.	-	-		0	114.	0	0
	1966-67	842.	200.	0	305.	12	6	7:00 P.M. TO 9:00 P.M.	408.	12	6	9:00 P.M. TO 10:18 P.M.	130.	413.	0	0
HAMILTON BOWL	1965-66	435.	35.	0	435.	12	29	3:12 P.M. TO 3:32 P.M.	249.	1	30	5:50 A.M. TO 10:12 A.M.	53.	22.	0	0
	1966-67	459.	48.	0	459.	1	22	9:00 P.M. TO 10:00 P.M.	470.	11	7	9:36 A.M. TO 9:44 A.M.	52.	50.	0	0.4

DEBRIS BASINS

DEBRIS BASINS

FOREWORD

The District operated and maintained 59 debris basins during the 1965-66 water year. The number of facilities was increased to 60 during 1966-67. The Los Angeles District, Corps of Engineers, Department of the Army, operated Haines Debris Basin.

Pertinent data relative to Haines Debris Basin and District debris basins are presented herein.

PURPOSE

Debris basins serve to retain detritus from their respective drainage areas and direct clear-water flow therefrom to appropriate storm drains or flood channels.

NEW FACILITIES

Paradise Debris Basin was removed from the list of District debris basins after the 1965-66 season; due to residential development, the debris potential of this watershed had decreased such that a desilting structure at this location was no longer needed, and the property occupied by the basin was converted to subdivision use. Kinneloa West Debris Basin was completed prior to the 1965-66 season, and Wildwood Debris Basin was completed prior to 1966-67.

RESPONSIBILITY

The compilation of debris basin records was under the immediate supervision of Mr. J. W. Jackson, Section Head, Special Assignment Section, Hydraulic Division. Field and office work was under the direction of Mr. M. F. Burke, Division Engineer, Hydraulic, until June 30, 1966, and Mr. J. H. Brown, Division Engineer, Hydraulic, subsequent to June 30, 1966.

The mechanical operation of outflow facilities and maintenance and construction of pertinent structures and access thereto were under the direction of Mr. H. H. Haile, Division Engineer, Operation and Maintenance.

Pertinent data relative to debris inflow into the District's debris basins are presented in the following tabulation:

TABLE XVI

DEBRIS BASINS

SUMMARY OF DATA

NAME	DATE OF ACCEPTANCE BY DISTRICT	UNCONTROLLED DRAINAGE AREA IN SQUARE MILES	MAX. DEBRIS CAPACITY CUBIC YARDS	CAPACITY AT BEGINNING OF 1966–67 SEASON	APPROXIMATE DEBRIS DEPOSITION CUBIC YARDS 1965–66	1966–67
1. ALTADENA GOLF COURSE	1911	0.20	12,500	11,900	N	N
2. AUBURN	DEC. 1954	0.19	45,100	37,000	5,220	2,800
3. BAILEY	DEC. 1954 (1)	0.60	158,100	149,200	N	600
4. BIG DALTON	JAN. 1960	2.62	616,900	581,100	23,875	94,200
5. BRADBURY	JAN. 1955	0.68	76,400	76,400	23,723	4,700
6. BRAND	NOV. 1935	1.09	208,200	188,100	20,123	10,900
7. CARTER	DEC. 1954	0.12	22,000	19,700	N	1,300
8. CHILDS	JAN. 1965	0.31	54,000	53,600	5,384	2,800
9. COOKS*	JAN. 1952	0.58*	47,500	39,500	6,412	N
10. DEER	NOV. 1954	0.59	66,400	65,400	19,883	8,800
11. DUNSMUIR*	MAR. 1935	0.84*	124,500	115,600	N	2,000
12. EAGLE*	OCT. 1936	0.61*	72,400	68,700	15,769	9,700
13. ELMWOOD	MAY 1965	0.31	66,300	53,700	5,831	3,200
14. EMERALD	DEC. 1964	0.16	14,500	14,500	N	300
15. ENGLEWILD	JUNE 1952	0.40	48,800	46,100	1,218	1,100
16. FAIR OAKS	DEC. 1935	0.21	28,500	27,500	5,934	1,500
17. FERN	DEC. 1935	0.30	33,000	33,000	10,666	4,800
18. GOULD	DEC. 1947	0.47	53,900	53,400	18,013	N
19. HAINES (3)	JUNE 1938	1.53	158,600	128,500	1,161	(11)
20. HALLS*	NOV. 1935	1.05*	93,500	78,400	5,536	6,900
21. HARROW	MAR. 1959	0.43	88,300	87,400	N	400
22. HAY	OCT. 1936	0.20	39,800	34,000	2,206	300
23. HILLCREST	JAN. 1964	0.35	71,700	69,500	2,209	900
24. KINNELOA	FEB. 1964	0.20	18,400	18,200	6,945	4,400
25. KINNELOA WEST	FEB. 1966	0.16	28,400	28,400	N	3,900
26. LANNAN	MAR. 1954	0.25	56,500	54,500	N	2,500
27. LAS FLORES	APR. 1936	0.45	61,600	60,000	17,307	1,300
28. LA TUNA	DEC. 1960 (4)	5.34	518,400	491,600	26,805	5,600
29. LIMEKILN	AUG. 1964	3.69	170,600	124,200	42,316	25,600
30. LINCOLN	JAN. 1936	0.50	42,000	29,300	6,153	N
31. LITTLE DALTON	JAN. 1960	3.31	733,500	672,700	47,780	71,000
32. MADDOCK	JAN. 1955	0.25	32,600	24,900	3,514	1,000
33. MAY NO. 1	AUG. 1953	0.70	67,100	51,900	7,446	64,400
34. MAY NO. 2	AUG. 1953	0.09	15,500	5,600	842	6,200
35. MC CLURE	DEC. 1953	0.62	93,300	76,200	3,311	2,900
36. MORGAN	FEB. 1954	0.60	48,300	48,300	N	200
37. NICHOLS	NOV. 1937	0.94	32,200	25,900	9,094	3,500
38. PICKENS*	NOV. 1935	1.84*	118,400	118,100	44,554	6,800
39. ROWLEY	JAN. 1954	0.58	43,300	34,500	3,881	4,200
40. RUBIO	APR. 1944	1.26	152,300	152,300	22,234	12,100
41. RUBY	DEC. 1955	0.28	32,200	28,900	N	600
42. SANTA ANITA	DEC. 1959	1.70	478,600	383,500	32,576 (5)	71,500 (5)
43. SAWPIT	JAN. 1955	2.84	740,800	684,700	35,776	16,200
44. SCHOLL	AUG. 1945 (6)	0.66	30,400	28,700	1,015	1,000
45. SCHOOLHOUSE	JUNE 1963	0.28	78,600	51,800	5,118	1,100
46. SHIELDS*	JAN. 1937	0.27*	47,200	47,200	9,320	6,000
47. SIERRA MADRE	FEB. 1928	2.39	151,800	143,200	1,736 (7)	N (7)
48. SIERRA MADRE VILLA	MAY 1958	1.46 (4)	490,900	422,700	51,356	13,200
49. SNOVER*	FEB. 1937	0.23*	37,900	14,100	1,444 (7)	1,200 (7)
50. SPINKS	FEB. 1959	0.44	64,600	58,200	1,936	4,100
51. STOUGH	DEC. 1950 (8)	1.65	147,900	132,100	8,340	2,000
52. SUNSET (LOWER)	JAN. 1955	0.65	221,500	190,900	14,726	1,200
53. SUNSET (UPPER)	NOV. 1929	0.44	17,700	17,700	8,863 (7)	1,100 (7)
54. TURNBULL	JAN. 1953	0.99	26,700	19,300	786	1,400
55. VERDUGO	MAR. 1935	9.97 (9)	179,900	178,200	36,188 (7)	26,800 (7)
56. WARD*	NOV. 1955	0.10*	14,400	12,100	681	200
57. WEST RAVINE	DEC. 1935	0.25	50,400	42,800	7,607	2,200
58. WILBUR	JAN. 1956 (10)	8.63	41,700	39,800	57,429	36,400
59. WILDWOOD	MAR. 1967	0.65	20,800	20,800	(2)	N
60. WILSON	JUNE 1963	2.58	363,000	291,100	29,020	16,900
61. ZACHAU	AUG. 1956	0.35	36,600	35,900	N	300

NOTES:

* SEE FOOTNOTE (9) BELOW

N NEGLIGIBLE

(1) BASIN WAS ORIGINALLY CONSTRUCTED IN 1945 AND ENLARGED IN DECEMBER 1954

(2) BASIN WAS NOT IN OPERATION DURING 1965-66

(3) OWNED AND OPERATED BY THE CORPS OF ENGINEERS, DEPARTMENT OF THE ARMY

(4) BASIN WAS ORIGINALLY CONSTRUCTED IN FEBRUARY 1956; RECONSTRUCTION OF THE BASIN WAS COMPLETED DECEMBER 1960

(5) TOTAL DEBRIS INFLOW, SOME OF WHICH WAS SLUICED FROM SANTA ANITA DAM

(6) BASIN WAS ORIGINALLY CONSTRUCTED IN 1945; REVISIONS AND ALTERATIONS COMPLETED IN 1952

(7) VOLUME OF DEBRIS DEPOSITED IN BASIN DOES NOT INCLUDE DEBRIS SLUICED THROUGH OPEN PORTS OR NOTCH

(8) BASIN WAS ORIGINALLY CONSTRUCTED IN 1941; FIRST RECONSTRUCTION WAS COMPLETED IN OCTOBER 1957; SECOND RECONSTRUCTION OF THE BASIN WAS COMPLETED DECEMBER OF 1960

(9) EXCLUDES 5.53 SQUARE MILES OF DRAINAGE AREA CONTROLLED IN DEBRIS BASINS DESIGNATED BY *

(10) BASIN WAS ORIGINALLY CONSTRUCTED IN 1942; RECONSTRUCTION WAS COMPLETED JANUARY 1956

(11) NO SURVEY AVAILABLE DUE TO HIGH WATER LEVEL IN THE BASIN

GROUND WATER
&
CONSERVATION

WATER CONSERVATION

FOREWORD

Information presented in this section includes amounts of local, imported, and reclaimed water conserved in spreading grounds and basins, reservoirs, and channels, and also information on the barrier projects which prevent seawater intrusion in the coastal area. Pertinent data are presented regarding the locations and descriptions of District conservation facilities, as well as facilities owned by others. Also included are groundwater maps delineating elevations recorded during the biennial report period and hydrographs of selected key wells.

The various types of water conserved--namely, local, imported, and reclaimed--are construed to have the following meaning in this section: Local water is that derived from runoff due to rainfall on the mountain and valley watersheds within or tributary to the District. Imported water is obtained from sources outside the District and not tributary to the District. Reclaimed water is the effluent produced by the water reclamation plant located in the Whittier Narrows Basin and operated by the Los Angeles County Sanitation Districts.

The biennial report period was one where both storm seasons had above-normal rainfall and were two of only five seasons with above-normal rainfall in the last 23 years. High rainfall amounts resulted in substantial runoff both years, and impressive amounts of local water were conserved. In fact, the 1966-67 water year resulted in the greatest conservation of local runoff of record.

SPREADING GROUNDS

The total gross acreage of spreading grounds owned and operated by the District during this biennial report period amounted to 2,117 acres. The District also assisted in the operation and maintenance of 1,182 acres of spreading grounds owned by others. An additional 229 acres of spreading grounds are controlled and operated by other agencies. The total gross acreage of spreading grounds in the County is 3,528 acres with a combined infiltration capacity of 2,209 cfs.

NEW FACILITIES

San Dimas Spreading Development – Upper

Development of finger levees in the natural bottom of San Dimas Wash was started during the 1965-66 water year. The improved area consists of approximately eight acres and is on the southeast side of the wash, starting at Puddingstone Diversion Dam and continuing downstream to Ramola Avenue.

San Gabriel River – Upper

During the 1965-66 water year, another reach of the San Gabriel River was developed to utilize the infiltration capacity available. The new reach of the river involved is from Santa Fe Dam downstream to the point of rising water, approximately Valley Boulevard. This development amounts to approximately 196 acres and consists of a series of temporary check levees.

San Jose Spreading Basin

Negotiations were held with the California State Division of Highways to arrange for the purchase of the land necessary for the development of the proposed San Jose Spreading Basin. Approximately 21 acres of land situated adjacent to the San Jose Wash near the intersection of Holt Avenue and Rosecrans Avenue near the City of Pomona are to be utilized.

IMPROVED FACILITIES

Lopez Spreading Grounds

Modification of the spreading grounds as necessitated by the construction of the Foothill Freeway was completed.

San Gabriel Canyon Spreading Grounds

The construction of the outlet canal system was completed.

San Gabriel Coastal Basin Spreading Grounds

Modification of the spreading grounds and construction of a new headworks were initiated in conjunction with the Corps of Engineers improvement of the San Gabriel River from Whittier Narrows Dam to the vicinity of Firestone Boulevard.

Thompson Creek Spreading Grounds

Modification work was completed as required in conjunction with the improvement of Thompson Creek Wash downstream from Thompson Creek Dam.

Walnut Spreading Basin

The development of this facility was completed and it was placed in operation.

Miscellaneous Spreading Grounds

Excavation continued in Buena Vista, Eaton, and Peck Road Spreading Basins.

IMPORTED WATER

During this biennial period, imported Colorado River water for spreading was obtained from The Metropolitan Water District. This water was purchased with funds provided by Zone I, the Central and West Basin Water Replenishment District, and the Upper San Gabriel Valley Municipal Water District.

Imported water for the Coastal Plain, purchased with Zone I funds and by the Central and West Basin Water Replenishment District, was spread in the District's facilities in the Rio Hondo and San Gabriel River systems south of Whittier Narrows Dam.

Imported water for the San Gabriel Valley Ground Water Basin, purchased by the Upper San Gabriel Valley Municipal Water District, was spread in the San Gabriel River north of Valley Boulevard.

A summary of imported water conserved is shown in Table XX, page 328.

RECLAIMED WATER

The County Sanitation Districts' Whittier Narrows Water Reclamation Plant, in operation since 1962, produced from 12 to 18 mgd of high quality activated sludge effluent during the 1965-66 and 1966-67 water years. The plant is rated at 12 mgd and was constructed to demonstrate the practicality of reclaiming water from sewage. Operations are basically the same as for previous years, with the exception of ABS fractionation. This phase of treatment has been deleted because the more readily degradable LAS-type detergent has almost completely replaced the ABS type. A foam deterrent is added to the effluent to reduce foaming that may occur while enroute to the spreading grounds.

The effluent is purchased by the Central and West Basin Water Replenishment District and transported to the Rio Hondo and San Gabriel River systems for groundwater replenishment. Reclaimed water comprised approximately 10 percent of the total water spread in the Montebello Forebay.

On June 1, 1966, the California Institute of Technology initiated a program to investigate the occurrence, concentration, and significance of species of fungi in the soil system saturated with Whittier Narrows Reclamation Plant effluent. In the interim period, June 1966 to March 1967, 136 samples of soil and water were collected and examined; mainly from the 50-x-70-foot Whittier Narrows Test Basin. This test basin has been flooded daily, five days each week. A report covering this program will be published by the California Institute of Technology following the three-year test period.

WATER QUALITY

Water samples from surface flows and water wells are obtained and analyzed in compliance with established programs to maintain a continuing record of natural surface waters and ground waters. During the period covered by this report, 2,650 complete and 1,400 partial analyses were made for this purpose.

Water from the wells located in the coastal areas is analyzed to determine the effect on ground water of the fresh water injected at seawater barrier facilities.

A program to monitor waters of the Los Angeles River and Dominguez Channel was initiated in July 1967. This is a segment of the program of evaluation of the quality of base flows carried by District facilities, which provides background information available to the State Regional Water Quality Control Board No. 4.

Samples from 53 representative wells in the Coastal Plain were collected annually and analyzed for chemical quality by the California Water Service Company, Long Beach Water Department, Lynwood Water Department, Southern California Water Company, Vernon Water Department, and this District as part of the cooperative deep well sampling program. The sampling program was established to determine the degree of intermixing or replacement of native ground water by imported Colorado River water and reclaimed water spread in the Montebello Forebay area. During the period from 1954 to 1967, the 1,133,469 acre-feet of Colorado River water and reclaimed water spread in the Montebello Forebay has influenced groundwater quality in an area of approximately 90 square miles.

BARRIER PROJECTS

West Coast Basin Barrier Project

The West Coast Basin Barrier Project, just inland of the Santa Monica Bay coastline, is preventing the intrusion of seawater into the underground water bearing strata by the injection of fresh water to form a pressure barrier against seawater intrusion. The project is now three-fourths completed. Since the project's inception in 1953 as a test program, the barrier has been expanded from one of affording protection to a 1-mile reach to one that protects a reach of 6.7 miles. When completed, protection will be afforded over a 9.5-mile reach.

Currently, about 57 cubic feet per second of imported Colorado River water is being injected along the barrier project.

During the water years 1965-66 and 1966-67, 44,388 and 43,060 acre-feet, respectively, were injected at this project. The water was purchased by the Central and West Basin Water Replenishment District.

Dominguez Gap Barrier Project

Design commenced for the Dominguez Gap Barrier Project during the report period, and initial construction of facilities occurred during 1967. The project is scheduled for operations to commence in 1970.

Alamitos Barrier Project

Operation of the partially complete Alamitos Barrier Project continued during the report period. This provides protection over the most critical reach in the Central Basin. At the present time more than one mile is protected, and additional facilities are being added to provide complete protection over a two-and-one-half-mile reach.

For the 1965-66 water year, the amount of Colorado River water injected was 3,715 acre-feet, of which 3,368 acre-feet was purchased by the Central and West Basin Water Replenishment District and 347 acre-feet was purchased by the Orange County Water District. In 1966-67, 3,880 acre-feet was injected, of which 3,395 acre-feet was purchased by the Central and West Basin Water Replenishment District and 485 acre-feet was purchased by the Orange County Water District.

The production wells which extract degraded water, lower the piezometric surface seaward of the injection facilities to reduce the required amount of injection water. During 1965-66, 2,403 acre-feet of saline water was extracted and during 1966-67, 2,148 acre-feet of saline water was extracted.

EXPLORATION AND OBSERVATION WELLS

During this biennial report period, approximately 272 wells were drilled for monitoring groundwater levels and obtaining geologic data for use in planning and operating various District water conservation projects. Most of these wells were drilled by the District; however, some were drilled by cooperating agencies and were preserved by the District for future use.

SEASONAL DATA AND MAPS

During this biennial period, approximately 72,000 groundwater measurements were obtained from approximately 4,000 wells.

Hydrographs for selected key wells are included in this report on pages 333 to 352.

For the first time since 1944, above-normal rainfall occurred during two successive years. As a result, a net rise in groundwater elevations occurred during the biennial report period in most areas of the County and the rate of lowering generally decreased in the others. Historic low groundwater elevations occurred in four groundwater basins: the Main San Fernando, Raymond, Chino, and the Lancaster Basins.

Differentials in water levels of the Coastal Plain are still appreciable and require segregation on the basis of shallow (upper Pleistocene) and deep (lower Pleistocene) aquifers. Current shallow groundwater maps specifically delineate contours for the principal producing shallow and/or merged aquifers. Deep-aquifer maps delineate separate contours for the principal deep and/or merged producing aquifers in both the Central and West Coast Basins. Recoveries of the deep aquifer pressure levels in the Central Basin in the vicinity of North Long Beach, Signal Hill, and Lakewood have reduced differentials between levels in the Silverado and basal San Pedro zones.

In addition to the maps prepared by the District, groundwater maps for Antelope Valley were prepared by the State Department of Water Resources, with which the District collaborates in the collection of data (Maps XXIV–XXVII). Spring maps for 1966 and 1967 in Antelope Valley are included with the previously standard fall period maps to cover the transition from fall to spring levels. Because of a change in cooperative arrangements with the California Department of Water Resources, future biennial reports will contain only spring maps for Antelope Valley.

GROUNDWATER BASINS

Groundwater basins in Los Angeles County are grouped under five local watershed areas; namely, San Fernando Valley, San Gabriel Valley, Coastal Plain, Santa Clara Valley, and Antelope Valley. Reference is made to Map No. V, page 331, for basin locations. For a more detailed discussion of various groundwater basins within the District, reference is made to previous reports on hydrologic data published for the years 1941-42, 1951-53, and 1957-59.

San Fernando Valley

Although approximately 88,000 acre-feet of local water was spread in the San Fernando Valley during this biennial report period, groundwater levels have continued to fall throughout portions of the San Fernando Valley to historic lows. Extensive pumping is carried on in the easterly portion of this basin. In the San Fernando Valley subareas, historic record low groundwater levels occurred only in the Sylmar Basin.

Groundwater maps are shown for the San Fernando Valley on pages 353 to 359.

San Gabriel Valley

Groundwater levels have risen throughout most of the San Gabriel Valley since the historic low levels noted during the fall of 1965. During the 1966-67 water year alone the spreading of local and imported water amounted to approximately 250,000 acre-feet.

Groundwater maps are shown for the San Gabriel Valley on pages 361 to 367.

Central Coastal Plain

Groundwater levels in the Montebello Forebay, as indicated by Key Well FC 1601P, were 10 feet higher in the fall of 1967 than in the fall of 1965. Levels in the pressure aquifers in the Long Beach area north of Signal Hill, as indicated by Key Wells FC 460K and 906D, were three and four feet higher, respectively, in the fall of 1967 than in the fall of 1965.

Water levels in the pressure aquifers remained about the same in the vicinity of Maywood, Vernon, Huntington Park, and Beverly Hills. In the vicinity of Santa Fe Springs, Artesia, and Bellflower, they ranged from 10 to 15 feet higher.

Water levels in the West Coastal Plain, under the effects of water from the injection recharge lines and continuation of reduction in pumping under court adjudication, rose approximately 10 feet in the westerly one-half. Elsewhere they remained nearly stable.

Groundwater maps for the Coastal Plain are shown on pages 369 to 383.

Santa Clara River Valley

Groundwater levels rose during the period of this report. Because of the small difference between spring and fall groundwater levels and the small amount of storage involved, only the fall groundwater contour maps were drawn for this area. These maps are shown on pages 385 and 387.

Antelope Valley

Groundwater levels have dropped steadily due to a continued overdraft of the valley.

Groundwater maps are shown for the Antelope Valley on pages 389 to 395.

RESPONSIBILITY

Until June 1966, field and office work was under the direction of Howard H. Haile, Division Engineer, Water Conservation Division, assisted by T. H. Stauffer, Supervising Civil Engineer. After June 1966, direction of the work was under T. H. Stauffer, Division Engineer, Water Conservation Division, assisted by C. Milne, Supervising Civil Engineer.

During this period, work was supervised by the following Section Heads: C. C. Evans (from June 1966), C. Milne (until June 1966), R. A. Ostrom, C. J. Reinhard, C. H. Thomas and E. J. Zielbauer.

TABLE XVII

RESERVOIR AND CHANNEL ABSORPTION

EXCLUSIVE OF SPREADING GROUNDS

STREAM	REACH OF STREAM WHERE ABSORPTION OCCURRED	TOTAL RELEASE TO REACH A.F.	ABSORPTION IN CHANNELS, RESERVOIRS AND DIVERSIONS A.F.	EXCESS OF RELEASE OVER ABSORPTION A.F.	YEAR
PACOIMA	DAM TO LINED CHANNEL	15,210.	1,180. [1]	14,030.	1965-66
		23,600.	2,190. [1]	21,410.	1966-67
PACOIMA	PACOIMA SPREADING GROUNDS TO PROJECT 85	54.	54.	0	1965-66
		164.	164.	0	1966-67
TUJUNGA	MOUTH OF CANYON TO LINED CHANNEL	50,010.	11,120. [1] [3]	38,890.	1965-66
		49,680.	10,570. [1] [3]	39,110.	1966-67
ARROYO SECO	DEVIL'S GATE RESERVOIR		2,320. [1]		1965-66
			10,130. [1]		1966-67
EATON WASH	EATON WASH DAM		1,040. [1]		1965-66
			1,940. [1]		1966-67
SANTA ANITA	DAM TO LINED CHANNEL	12,930.	1,010. [1]	11,920.	1965-66
		16,260.	2,490. [1]	13,770.	1966-67
RIO HONDO	SANTA FE DAM TO LOWER AZUSA ROAD (MAIN BASIN)	7,540.	2,120.	5,420.	1965-66
		15,470.	5,070.	10,400.	1966-67
RIO HONDO	MISSION BRIDGE TO LINED CHANNEL (COASTAL PLAIN)	95,750. [2]	7,720. [4]	88,030.	1965-66
		52,250. [2]	9,660. [4]	42,590.	1966-67
SAN GABRIEL	MOUTH OF CANYON TO FOOTHILL BOULEVARD (CANYON BASIN)	200,090.	23,790.	176,300.	1965-66
		208,400.	28,280.	180,120.	1966-67
SAN GABRIEL	FOOTHILL BOULEVARD TO SANTA FE DAM (MAIN BASIN)	174,120.	46,890. [1]	127,250.	1965-66
		180,570.	46,290. [1]	134,280.	1966-67
BIG AND LITTLE DALTON	LOSSES IN DEBRIS BASINS	4,310.	199. [1]	4,110.	1965-66
		9,550.	617. [1]	8,930.	1966-67
SAN DIMAS	SAN DIMAS DAM TO LINED CHANNEL	7,430.	2,480. [1]	4,950.	1965-66
		14,740.	3,020. [1]	11,720.	1966-67
WALNUT	PUDDINGSTONE DAM TO BEGINNING OF LINED CHANNEL	3,070.	747.	2,320.	1965-66
		9,990.	1,330.	8,660.	1966-67
THOMPSON	DAM TO MOUNTAIN AVENUE	0	0	0	1965-66
		306.	99.	207.	1966-67
TOTALS			100,650.		1965-66
			121,850.		1966-67

NOTES: [1] INCLUDES PERCOLATION AND EVAPORATION LOSSES IN RESERVOIRS.
[2] INCLUDES RISING WATER IN VICINITY OF WHITTIER NARROWS.
[3] INCLUDES WATER DIVERTED FOR USE.
[4] PART OF PERCOLATION IN THE SAN GABRIEL RIVER AND RIO HONDO ALSO APPEARS IN TABLE XIX

TABLE XVIII

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
WATER CONSERVATION DIVISION
SUMMARY OF DATA ON SPREADING FACILITIES
OWNED AND OPERATED BY THE DISTRICT
SEPTEMBER 1967

GROUNDS	TYPE	SEASON FIRST USED	AREA IN ACRES		CAPACITIES				LOCATION	SOURCE OF WATER	REMARKS
			GROSS	WETTED	CHANNEL** CFS	INTAKE CFS	STORAGE A.F.	PERC.* CFS			
LOPEZ	SHALLOW BASINS	1956-57	18	13	–	25	25	7	SOUTHEASTERLY SIDE OF PACOIMA WASH, NORTHEASTERLY OF FOOTHILL BOULEVARD.	CONTROLLED FLOW FROM PACOIMA DAM AND LOPEZ FLOOD CONTROL BASIN.	THE FLOW IS DIVERTED FROM LOPEZ FLOOD CONTROL BASIN VIA CANAL TO THE SPREADING GROUNDS.
PACOIMA	SHALLOW BASINS	1932-33	175	122	17,000	400	380	110	BOTH SIDES OF OLD PACOIMA WASH CHANNEL FROM ARLETA STREET SOUTHWESTERLY TO WOODMAN AVENUE.	CONTROLLED FLOW FROM PACOIMA DAM. PARTIALLY CONTROLLED FLOW FROM LOPEZ FLOOD CONTROL BASIN, UNCONTROLLED FROM EAST CANYON AND PACOIMA WASH.	
HANSEN	SHALLOW BASINS	1944-45	156	110	22,000	450	230	185	NORTHWESTERLY SIDE OF TUJUNGA WASH FROM ABOVE GLENOAKS BOULEVARD SOUTHWESTERLY TO SAN FERNANDO ROAD.	CONTROLLED FLOW FROM HANSEN DAM AND BIG TUJUNGA DAM.	GENERALLY WATER IS AVAILABLE FOR SPREADING ONLY DURING YEARS OF NORMAL OR ABOVE NORMAL RAINFALL.
BRANFORD	DEEP BASIN	1956-57	12	7	1,540	1,540	135	15	SOUTHWESTERLY OF ARLETA STREET ABOVE CONFLUENCE OF TUJUNGA CHANNEL AND PACOIMA DIVERSION CHANNEL.	UNCONTROLLED FLOWS FROM BRANFORD STREET DRAIN.	BASIN DEVELOPMENT 85% COMPLETE. OUTLET CAPACITY 1540 CFS TO PACOIMA DIVERSION CHANNEL.
ARROYO SECO	SHALLOW BASINS	1948-49	24	13	–	100	30	15	EASTERLY SIDE OF ARROYO SECO, LOWER END 0.5 MILE ABOVE DEVIL'S GATE DAM.	UNCONTROLLED FLOW FROM ARROYO SECO AND THE ALTADENA STORM DRAIN.	SPREADING GROUNDS ARE HELD UNDER EASEMENT FROM THE CITY OF PASADENA.
EATON SPREADING GROUNDS	DEEP AND SHALLOW BASINS	1947-48	29	23	6,600	100	420	20	EASTERLY SIDE OF EATON WASH BELOW EATON DAM TO FOOTHILL BOULEVARD.	CONTROLLED FLOW FROM EATON WASH DAM AND SIERRA MADRE VILLA CHANNEL.	THREE DEEP BASINS COMPRISE 15 ACRES. THE SHALLOW STRIP BASINS TOTAL 14 ACRES.
SANTA ANITA	SHALLOW BASINS	1944-45	20	8	–	20	25	7	WESTERLY SIDE OF SANTA ANITA WASH 1.25 MILES ABOVE FOOTHILL BOULEVARD.	CONTROLLED FLOW FROM SANTA ANITA DAM AND SANTA ANITA DEBRIS DAM.	THE HEADWORKS LOCATED UPSTREAM OF THE DEBRIS DAM DIVERTS WATER TO SANTA ANITA SPREADING GROUNDS AND CITY OF SIERRA MADRE SPREADING GROUNDS.
SAWPIT	SHALLOW BASINS	1946-47	12	4	–	30	13	12	WESTERLY SIDE OF SAWPIT WASH BELOW MOUTH OF CANYON AT HEAD OF NORUMBEGA STREET, MONROVIA.	CONTROLLED FLOWS FROM SAWPIT DAM AND SAWPIT DEBRIS DAM.	
LITTLE DALTON	SHALLOW BASINS, DITCHES, AND CHECKS	1931-32	16	8	–	20	4	10	WESTERLY OF GLENDORA MT. ROAD, FROM LITTLE DALTON DEBRIS DAM SOUTH TO EAST PALM DRIVE.	CONTROLLED FLOW FROM LITTLE DALTON DEBRIS DAM.	
BIG DALTON	SHALLOW BASINS, DITCHES, AND CHECKS	1930-31	24	13	–	45	25	15	WESTERLY SIDE OF BIG DALTON WASH. INTAKE ONE HALF MILE ABOVE SIERRA MADRE AVENUE.	CONTROLLED FLOWS FROM BIG DALTON DAM AND BIG DALTON DEBRIS DAM.	
LIVE OAK	SHALLOW BASINS	1961-62	5	1	–	15	2	3	BOTH SIDES OF LIVE OAK WASH, NORTH OF BASE LINE ROAD (PROJECTED).	CONTROLLED FLOW FROM LIVE OAK DAM AND LIVE OAK DEBRIS DAM.	WEST SIDE OF GROUNDS NOW COMPLETED.
LAGUNA SPREADING GROUNDS	SHALLOW BASINS	1962-63	6	3	–	–	5	1	EAST SIDE LONG BEACH FREEWAY, ONE HALF MILE NORTH OF BROOKLYN AVENUE.	LOCAL RUNOFF FROM ALHAMBRA AND EL SERENO VIA DORCHESTER DRAIN.	THE PIT IN WHICH BASINS ARE LOCATED WAS DESIGNED AS A RETENTION BASIN FOR THE DORCHESTER STORM DRAIN.
EATON SPREADING BASIN	DEEP BASIN	1956-57	16	–	9,600	400	220	10	EAST SIDE OF EATON CHANNEL NORTH OF DUARTE ROAD, 0.6 MILE SOUTH OF HUNTINGTON DRIVE.	CONTROLLED FLOW FROM EATON WASH DAM AND UNCONTROLLED FLOWS BETWEEN DAM AND SPREADING BASIN.	BASIN UNDER DEVELOPMENT, THEREFORE, STORAGE AND PERCOLATING CAPACITY SUBJECT TO CHANGE.
PECK ROAD	DEEP BASIN	1959-60	157	85	30,100	30,100	4,000 ±	65	CONFLUENCE OF SAWPIT AND SANTA ANITA WASHES.	ALL FLOWS IN SAWPIT AND SANTA ANITA WASHES.	ULTIMATE DEVELOPMENT WILL CONSIST OF ONE BASIN WITH A CAPACITY OF 6,700 ACRE FEET.
BUENA VISTA	DEEP BASIN	1954-55	10	6	2,900	2,900	194	30	1.0± MILE EASTERLY OF SAWPIT WASH. 0.5± MILE NORTHERLY OF ARROW HIGHWAY, BETWEEN MERIDIAN STREET AND BUENA VISTA CHANNEL.	CONTROLLED FLOW FROM SANTA FE DAM AND UNCONTROLLED FLOW FROM BUENA VISTA CHANNEL.	NO OUTFLOW EXPECTED EXCEPT CAPITAL STORM, BUT A SMALL OUTLET STRUCTURE OF 150 CFS PROVIDED. INLET CAPACITY OF SANTA FE DIVERSION 120 CFS.
SANTA FE	SHALLOW BASINS	1953-54	193	133	–	500	200	220	WITHIN SANTA FE DAM RESERVOIR AREA, NORTH OF SPILLWAY.	CONTROLLED FLOWS FROM SAN GABRIEL CANYON AND UNCONTROLLED FLOWS FROM BRADBURY CHANNEL AND SAN GABRIEL RIVER BELOW MORRIS RESERVOIR.	RIGHT OF WAY, HELD UNDER LICENSE FROM THE FEDERAL GOVERNMENT INCLUDES 20± ACRES IN SAN GABRIEL RIVER BED FOR EARTH DIVERSION LEVEE. AN AGREEMENT IS PENDING WITH THE CORPS OF ENGINEERS REGARDING THE DISTRICTS OPERATIONAL USE OF A 5,557 ACRE-FOOT POOL AT SANTA FE DAM FOR RETENTION OF CANYON AND STORM WATERS.

TABLE XVIII (Continued)
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
WATER CONSERVATION DIVISION
SUMMARY OF DATA ON SPREADING FACILITIES
OWNED AND OPERATED BY THE DISTRICT
SEPTEMBER 1967

GROUNDS	TYPE	SEASON FIRST USED	AREA IN ACRES		CAPACITIES				LOCATION	SOURCE OF WATER	REMARKS
			GROSS	WETTED	CHANNEL** CFS	INTAKE CFS	STORAGE A.F.	PERC.* CFS			
IRWINDALE	DEEP BASIN	1958–59	17	14	20,000	450	495	40	NORTHEASTERLY OF INTERSECTION OF BIG DALTON CHANNEL AND IRWINDALE AVENUE; CONTINUES 1,300 FEET EAST OF IRWINDALE AVENUE.	BIG DALTON CHANNEL CONTROLLED FLOWS FROM BIG AND LITTLE DALTON DEBRIS DAMS AND PUDDINGSTONE DIVERSION DAM: UNCONTROLLED FLOWS.	
CITRUS	SHALLOW BASIN	1960–61	19	15	–	25	20	28	SOUTH SIDE OF BIG DALTON WASH BETWEEN CITRUS AND CERRITOS AVENUES.	CONTROLLED RELEASES FROM AZUSA IRRIGATION COMPANY PIPELINE.	SPREADING GROUNDS ARE UTILIZED TO CONSERVE EXCESS SURFACE SAN GABRIEL CANYON WATER RELEASES TO THE AZUSA IRRIGATION COMPANY.
BEN LOMOND	SHALLOW BASIN	1958–59	24	17	–	25	25	34	BOTH NORTH AND SOUTH SIDES OF SAN DIMAS WASH CHANNEL AT SOUTHWESTERLY CORNER OF INTERSECTION OF ARROW HIGHWAY AND BEN LOMOND AVENUE.	CONTROLLED RELEASES FROM COVINA IRRIGATING COMPANY PIPELINE.	SPREADING GROUNDS UTILIZED TO CONSERVE EXCESS SURFACE SAN GABRIEL CANYON WATER RELEASES TO THE COVINA IRRIGATING COMPANY PIPELINE.
WALNUT CREEK SPREADING BASIN	DEEP BASIN	1962–63	16	8	8,000	150	166	7	WEST SIDE OF WALNUT WASH CHANNEL, NORTH OF SAN BERNARDINO FREEWAY.	CONTROLLED FLOW FROM PUDDINGSTONE DAM AND UNCONTROLLED FLOW FROM WALNUT WASH CHANNEL EXCESS WATER FROM COVINA IRRIGATING COMPANY.	
SAN DIMAS SPREADING DEVELOPMENT UPPER	FINGER LEVEES	1965–66	8	5	–	–	3	12	SOUTHEAST SIDE OF SAN DIMAS WASH BETWEEN PUDDINGSTONE DIVERSION AND RAMOLA AVENUE	CONTROLLED RELEASES FROM PUDDINGSTONE DIVERSION DAM.	
SAN DIMAS SPREADING DEVELOPMENT LOWER	NARROW CANAL AND DEEP BASIN	1964–65	49	–	–	25	65	16	SOUTHEAST SIDE OF SAN DIMAS CHANNEL FROM FOOTHILL BOULEVARD VIA CANAL TO FORBES BASIN AND INCLUDES FORBES BASIN.	CONTROLLED RELEASES FROM PUDDINGSTONE DIVERSION DAM.	
SAN GABRIEL COASTAL	SHALLOW BASIN	1938–39	132	101	–	200	400	80	WESTERLY SIDE OF SAN GABRIEL RIVER, SOUTHERLY FROM WHITTIER BOULEVARD TO WASHINGTON BOULEVARD.	CONTROLLED FLOW FROM DAMS IN SAN GABRIEL CANYON AND SANTA FE DAM, AND UNCONTROLLED VALLEY RUNOFF BELOW SANTA FE DAM VIA SAN GABRIEL RIVER; ALSO IMPORTED AND RECLAIMED WATER.	A CONSTRUCTION CONTRACT WAS AWARDED IN MAY 1967 FOR IMPROVEMENTS IN THE SAN GABRIEL RIVER FROM WHITTIER NARROWS DAM TO FLORENCE AVENUE AND A NEW DIVERSION TO SAN GABRIEL GROUNDS.
SAN GABRIEL RIVER UPPER	TEMPORARY CHECK LEVEES	1965–66	196±	196±	–	–	–	180	SAN GABRIEL RIVER FROM SANTA FE DAM TO RISING WATER.	CONTROLLED FLOW FROM DAMS IN SAN GABRIEL CANYON AND SANTA FE DAM AND UNCONTROLLED VALLEY RUNOFF BELOW SANTA FE DAM; ALSO IMPORTED WATER.	CHECK LEVEES DEVELOPED IN RIVER TO SPREAD WATER.
SAN GABRIEL RIVER LOWER	TEMPORARY CHECK LEVEES	1954–55	133	133	–	–	–	125	SAN GABRIEL RIVER FROM WHITTIER NARROWS DAM TO FLORENCE AVENUE.	SAME AS UPPER PORTION; ALSO RECLAIMED WATER.	SAME AS UPPER PORTION. SEE SAN GABRIEL COASTAL REMARKS
RIO HONDO COASTAL	SHALLOW BASIN	1937–38	570	455	40,000	900	1,875	485	EASTERLY SIDE OF RIO HONDO SOUTHERLY FROM U.P.R.R. (SOUTH OF WHITTIER BOULEVARD) TO SLAUSON AVENUE; WEST SIDE OF RIO HONDO CHANNEL FROM 0.2± MILE ABOVE WHITTIER BOULEVARD SOUTH TO FOSTER BRIDGE BOULEVARD.	CONTROLLED RELEASES FROM SAN GABRIEL CANYON DAMS AND SANTA FE DAM, AND CONTROLLED RELEASES OUT OF WHITTIER NARROWS DAM FROM VALLEY RUNOFF VIA RIO HONDO; ALSO IMPORTED AND RECLAIMED WATER.	IN COOPERATION WITH THE CORPS OF ENGINEERS, THE THE DISTRICT OPERATES 1000 ACRE-FOOT POOL AT WHITTIER NARROWS DAM FOR RETENTION OF STORM WATERS
DOMINGUEZ GAP	DEEP BASIN	1957–58	54	26	–	20	237	6	CONTINUES 1.0 MILE SOUTH FROM DEL AMO BOULEVARD, AND BORDERS THE EASTERN AND WESTERN SIDES OF THE LOS ANGELES RIVER.	CONTROLLED FLOW FROM LOS ANGELES RIVER LOW FLOW CHANNEL AND UNCONTROLLED FLOWS FROM STORM DRAINS.	EAST SIDE BASIN USED FOR FLOOD REGULATION WITH SOME CONSERVATION STORAGE. INTAKE OF 20CFS IS THE FIGURE FOR LOW FLOW DIVERSION FROM THE LOS ANGELES RIVER. WEST SIDE BASIN IS FED BY A 42-INCH CONCRETE PIPE FROM THE EAST SIDE BASIN.
WALTERIA SPREADING BASIN	DEEP BASIN	1962–63	26	28	–	–	85	6	WEST SIDE OF HAWTHORNE AVENUE AT 236TH STREET.	LOCAL STORM DRAINS.	BASIN USED FOR FLOOD REGULATIONS WITH SOME CONSERVATION STORAGE.
TOTALS			2,117	1,542			9,279	1,744			

* THE CAPACITIES LISTED ARE BASED ON INFILTRATION RATES WHICH MAY BE EXPECTED TO PERSIST FOR AT LEAST FIVE DAYS BUT ARE NOT VALID FOR SUSTAINED SPREADING OPERATIONS.

** DESIGN CAPACITY OF MAIN CONCRETE CHANNEL.

TABLE XIX
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
WATER CONSERVATION DIVISION
SUMMARY OF WATER SPREAD AT GROUNDS
OWNED AND OPERATED BY THE DISTRICT
SEPTEMBER 1967

RECORD OF LOCAL WATER SPREAD
ACRE FEET

	SAN FERNANDO VALLEY				SAN GABRIEL VALLEY - FOOTHILLS								
SEASON	LOPEZ	PACOIMA	HANSEN	BRANFORD	ARROYO SECO	EATON S.G.	SANTA ANITA	SAWPIT	LITTLE DALTON	BIG DALTON	LIVE OAK	SUBTOTAL	SEASON
1930-31										10		10	1930-31
32									160	394		554	32
33		26							0	0		26	33
34		230							0	100		330	34
35		1,200							0	131		1,331	35
36		2,000							0	0		2,000	36
37		4,680							275	866		5,821	37
38		3,844							287	397		4,528	38
39		363							12	49		424	39
40		907							0	0		907	40
41		9,775							1,166	1,528		12,469	41
42		37							0	0		37	42
43		3,744							1,084	1,191		6,019	43
44		7,223							469	543		8,235	44
45		1,467	7,651				337		290	64		9,809	45
46		514	2,268				0		73	47		2,902	46
47		3,763	8,725				141	89	89	174		12,981	47
48		0	0			1	0	0	0	0		1	48
49		0	0		108	0	0	8	0	88		204	49
50		245	0		283	61	0	0	28	66		683	50
51		0	0		19	0	0	19	0	0		38	51
52		6,121	16,780		986	1,196	448	517	563	856		27,467	52
53		1,651	1,271		216	0	58	56	9	3		3,264	53
54		1,891	1,014		455	190	265	0	161	370		4,346	54
55		205	0		197	0	145	0	0	0		547	55
56	0	566	2	0	301	181	161	180	30	180		1,601	56
57	28	475	0	38	397	0	2	38	11	16		1,005	57
58	1,030	10,922	18,407	20	2,088	861	1,576	978	658	2,380		38,920	58
59	0	352	1,023	+	352	130	185	199	22	145		2,408	59
60	0	379	0	6±	0	0	810	38	0	0		1,233	60
61	0	78	0	183	0	0	304	29	0	27	0	621	61
62	673	5,635	12,570	402	1,103	1,021	664	547	394	1,212	38	24,259	62
63	52	643	0	415	249	7	449	126	43	77	+	2,061	63
64	212	1,206	0	376	317	24	327	135	18	165	0	2,780	64
65	0	1,199	0	563	744	324	575	161	100	193	0	3,859	65
66	1,020	11,701	19,806	391	1,036	2,000	1,641	1,367	987	2,063	89	42,101	66
67	1,472	22,800	31,383	623	1,828	1,450	1,563	2,458	1,846	3,766	330	69,519	67
TOTAL	4,487	105,842	120,900	3,017	10,679	7,446	9,651	6,945	8,775	17,101	457	295,300	TOTAL

TABLE XIX (Continued)

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
WATER CONSERVATION DIVISION
SUMMARY OF WATER SPREAD AT GROUNDS
OWNED AND OPERATED BY THE DISTRICT
SEPTEMBER 1967

RECORD OF LOCAL WATER SPREAD
ACRE-FEET

	MAIN SAN GABRIEL VALLEY											COASTAL PLAIN						
SEASON	EATON S.B.	PECK ROAD S.B.	BUENA VISTA S.B.	SANTA FE S.G.	IRWINDALE S.B.	CITRUS S.G.	BEN LOMOND S.G.	WALNUT S.B.	SAN DIMAS SYSTEM (B) UPPER	SAN DIMAS SYSTEM (B) LOWER	SAN GABRIEL SYSTEM UPPER (C)	SAN GABRIEL SYSTEM LOWER (D)	RIO HONDO S.G.	LAGUNA S.B.	WALTERIA S.B.	DOMINGUEZ S.G.	TOTAL	SEASON
1930-31																	10	1930-31
32																	554	32
33																	26	33
34																	330	34
35																	1,331	35
36																	2,000	36
37																	5,821	37
38													3,660				8,188	38
39												2,603	0				3,027	39
40												0	1,702				2,609	40
41												4,684	9,830				26,983	41
42												0	2,170				2,207	42
43												0	0				6,019	43
44												0	0				8,235	44
45												0	0				9,809	45
46												0	9,548				12,450	46
47												384	4,842				18,207	47
48												0	3,760				3,761	48
49												0	0				204	49
50												0	0				683	50
51												0	0				38	51
52												5,412	400				33,279	52
53												4,023	3,368				10,655	53
54				3,500								4,859	4,621				17,326	54
55			10	0								9,518	0				10,075	55
56	0		227	0								5,869	1,924				9,621	56
57	260		817	0								7,789	7,486				17,357	57
58	1,236		2,730	12,752								46,474	30,407			107	132,626	58
59	441		1,087	181	242 (A)		1,431					16,009	5,464			87	27,350	59
60	501	986	1,234	59	934 (A)		1,055					7,669	7,266			80	21,017	60
61	165	478	700	30	256	1,133	732					4,874	2,960			360	12,309	61
62	902	8,876	869	11,818	1,817	2,194	2,857	292	50			19,932	17,120	0		2,414	93,400	62
63	532	1,895	273	121	593	1,292	2,428	367	286			5,405	4,464	+	289	1,406	21,412	63
64	869	1,841	195	120	1,126	906	1,008	502	62	5		3,979	5,531	+	135	544	19,603	64
65	1,007	2,490	945	6,287	2,121	1,287	1,435	0	3	331		4,481	7,975	+	244	1,248	33,713	65
66	783	13,018	854	23,502	3,317	4,010	3,799	1,412	2,413	0	45,730	14,297	24,325	+	537	803	180,901	66
67	1,046	17,052	2,192	73,910	6,792	1,064	6,444	2,147	2,099	1,199	51,160	22,284	28,854	+	436	373	286,571	67
TOTALS	7,742	46,636	12,133	132,280	17,198	11,886	21,189	4,720	4,913	1,535	96,890	190,545	187,677	+	1,641	7,422	1,039,707	TOTALS

(A) INCLUDES METROPOLITAN WATER DISTRICT WATER PURCHASED UNDER CONTRACT WITH SAN GABRIEL VALLEY LABOR ASSOCIATION.

(B) SAN DIMAS SYSTEM: LOWER DEVELOPMENT TO INCLUDE SAN DIMAS SPREADING STRIP AND FORBES SPREADING BASIN. UPPER DEVELOPMENT TO INCLUDE SPREADING FACILITIES ABOVE FOOTHILL BOULEVARD.

(C) SAN GABRIEL RIVER FROM SANTA FE DAM TO RISING WATER. HOOK LEVEES DEVELOPED IN RIVER, 1965.

(D) SAN GABRIEL RIVER FROM WHITTIER NARROWS DAM TO FLORENCE AVENUE; (HOOK LEVEES DEVELOPED IN RIVER, 1954) AND THE SAN GABRIEL COASTAL SPREADING GROUNDS.

TABLE XX

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
WATER CONSERVATION DIVISION
SUMMARY OF IMPORTED AND RECLAIMED WATER CONSERVED
SEPTEMBER 1967

DISTRIBUTION OF PURCHASED WATER (ACRE-FEET)

SEASON	IMPORTED				RECLAIMED			TOTAL[a]	FINANCED BY [a]			SEASON
	SAN GABRIEL SYSTEM		RIO HONDO SYSTEM (c)	SUBTOTAL	SAN GABRIEL SYSTEM LOWER	RIO HONDO SYSTEM (c)	SUBTOTAL		ZONE I	C & WBWRD [b]	USGVMWD	
	UPPER	LOWER										
1953-54	15,610	7,760	7,230	30,600				30,600	30,032			1953-54
1954-55	8,750	4,770	9,730	23,250				23,250	24,764			1954-55
1955-56	18,820	16,920	14,990	50,730				50,730	54,539			1955-56
1956-57	15,220	18,120	20,400	53,740				53,740	50,030			1956-57
1957-58	13,560	26,640	64,910	105,110				105,110	105,112			1957-58
1958-59	5,990	24,340	24,070	54,400				54,400	54,420			1958-59
1959-60	10,960	32,230	37,450	80,640				80,640	80,926			1959-60
1960-61	25,740	51,090	70,170	147,000				147,000	80,807	66,374		1960-61
1961-62	28,430	77,180	102,780	208,390	0	1,180	1,180	209,570	39,492	169,814		1961-62
1962-63	11,960	38,800	29,420	80,180	0	12,400	12,400	92,580	4,780	88,252		1962-63
1963-64	18,820	40,150	45,920	104,890	4,150	9,110	13,260	118,150	0	118,157		1963-64
1964-65	42,180	70,080	66,510	178,770	4,870	9,680	14,550	193,320	75,456	99,196	12,400	1964-65
1965-66	33,570	38,630	62,740	134,940	3,130	11,930	15,060	150,000	67,813	68,903	19,100	1965-66
1966-67	46,890	20,810	46,320	114,020	2,110	14,130	16,240	130,260	74,060	26,404	29,871	1966-67
TOTALS	296,500	467,520	602,640	1,366,660	14,260	58,430	72,690	1,439,350	742,231	637,100	61,371	TOTALS

(a) DIFFERENCES BETWEEN WATER DISTRIBUTED AND WATER FINANCED DUE TO THE FOLLOWING:

1. WATER TEMPORARILY HELD IN STORAGE AT PUDDINGSTONE RESERVOIR FROM ONE WATER YEAR TO THE NEXT.
2. LOSSES IN PUDDINGSTONE RESERVOIR.
3. DISTRICT RECORDS ARE BASED ON 12 MIDNIGHT READINGS, WHEREAS AMOUNTS SHOWN UNDER FINANCING COLUMN ARE BASED ON METER READINGS TAKEN DURING NORMAL WORKING HOURS.

(b) ALL RECLAIMED WATER PURCHASED BY C & WBWRD.

(c) RIO HONDO SPREADING GROUNDS AND WHITTIER NARROWS RESERVOIR.

TABLE XXI

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

WATER CONSERVATION DIVISION

SUMMARY OF DATA ON SPREADING GROUNDS

NOT OWNED BY THE DISTRICT

SEPTEMBER 1967

GROUNDS	TYPE	SEASON FIRST USED	AREA IN ACRES		CAPACITIES				LOCATION	SOURCE OF WATER	REMARKS
			GROSS	WETTED	CHANNEL** CFS	INTAKE CFS	STORAGE A.F.	PERC.* CFS			
GROUNDS IN WHICH DISTRICT DOES CONSTRUCTION, MAINTENANCE AND SOME OPERATIONS:											
SIERRA MADRE	SHALLOW BASINS	ABOUT 1933	22	9	-	25	47	18	CITY OF SIERRA MADRE, SOUTH SIDE OF GRANDVIEW AVENUE, ONE HALF MILE WEST OF SANTA ANITA AVENUE.	LITTLE SANTA ANITA CREEK AND STREET RUNOFF ONLY PRIOR TO 1951-52. STARTING IN 1951-52 ALSO CONTROLLED FLOWS FROM SANTA ANITA DAM.	NO RECORDS OF WATER SPREAD PRIOR TO 1951-52. GROUNDS REBUILT IN 1951. ULTIMATE CAPACITY ESTIMATED 25 CFS. THREE BASINS ADDED IN SUMMER OF 1959.
SAN GABRIEL CANYON EAST SIDE	DITCHES AND CHECKS	ABOUT 1917	500	-	-	-	-	100	EASTERLY SIDE OF SAN GABRIEL RIVER, BELOW MOUTH OF CANYON, NORTH OF THE CITY OF AZUSA.	SAN GABRIEL RIVER, CONTROLLED RELEASES FROM COGSWELL DAM, SAN GABRIEL DAM AND MORRIS DAM.	DISTRICT DELIVERS WATER, DOES HYDROGRAPHIC WORK AND SOME CONSTRUCTION, SOME WATER ALSO DIVERTED THROUGH AZUSA AND COVINA CANALS FOR PERCOLATION IN MAIN BASIN, INCLUDING CHANNEL PERCOLATION, CITRUS AND BEN LOMOND SPREADING GROUNDS, AND IRWINDALE SPREADING BASIN. NO RECORDS KEPT BEFORE 1919-20.
WEST SIDE (INCLUDING FISH CREEK SPREADING GROUNDS)	SHALLOW BASINS	ABOUT 1917	6±	4	-	-	-	7	WESTERLY SIDE OF SAN GABRIEL RIVER BELOW MOUTH OF FISH CANYON AND NORTH OF THE CITY OF AZUSA.	SAN GABRIEL RIVER, CONTROLLED RELEASES FROM COGSWELL DAM, SAN GABRIEL DAM, AND MORRIS DAM, VIA DUARTE DITCH.	DISTRICT DELIVERS WATER, DOES HYDROGRAPHIC WORK AND SOME CONSTRUCTION. SOME WATER ALSO PERCOLATES IN SAN GABRIEL RIVER IN VICINITY OF SPREADING GROUNDS AND IN BRUSH LAND WHERE IRRIGATION WASTE LINES DISCHARGE. NO SEPARATE RECORDS KEPT PRIOR TO 1926-27.
THOMPSON CREEK	DITCHES CHECKS AND DEEP BASIN	ABOUT 1928	56	40	-	70	-	40	SOUTHERLY FROM, AND ADJACENT TO THOMPSON CREEK DAM, EAST SIDE OF CREEK.	COBAL, WILLIAMS, PALMER AND PADUA CREEKS. ALSO THOMPSON CREEK, WHEN RESERVOIR ABOVE ELEV. 1625.	HELD UNDER EASEMENT BY THE DISTRICT, OPERATED BY POMONA VALLEY PROTECTIVE ASSOCIATION IN ADDITION TO THE 56.4 ACRES SOME AREA WITHIN THOMPSON CREEK RESERVOIR IS USED TO SPREAD STORM FLOWS. WATER SPREAD IN AREA SINCE ABOUT 1918.
SAN ANTONIO	DITCHES CHECKS AND SHALLOW BASINS	1921-22	598	300	8,000	300	-	300	BOTH SIDES OF SAN ANTONIO CREEK, FROM TWO AND ONE HALF MILES ABOVE BASE LINE SOUTHWESTERLY TO BASE LINE.	CONTROLLED RELEASES FROM THE SAN ANTONIO FLOOD CONTROL DAM.	HELD UNDER EASEMENT BY THE DISTRICT, OPERATED BY POMONA VALLEY PROTECTIVE ASSOCIATION. WEST SIDE OF CHANNEL 500 ACRES, EAST SIDE OF CHANNEL 98 ACRES. IN ADDITION THERE ARE 207 ACRES EAST OF CHANNEL IN SAN BERNARDINO COUNTY, WATER SPREAD IN VICINITY ON AND OFF AS EARLY AS ABOUT 1896.
TOTALS			1182	-	-	-	-	465			
GROUNDS CONTROLLED BY OTHERS. THE DISTRICT COOPERATING:											
CITY OF POMONA	DITCHES CHECKS AND DEEP BASINS	(SEE REMARKS)	10	8	-	-	-	-	NORTH OF CLAREMONT, ONE HALF MILE NORTH OF FOOTHILL BOULEVARD AND 1/8 MILE WEST OF MILLS AVENUE.	SAN ANTONIO CREEK WATER DELIVERED THROUGH LOOP MERSERVE CANYON WATER CO'S. PIPE LINE. ALSO SOME LOCAL RUNOFF.	WATER SPREAD IN VICINITY ON AND OFF SINCE ABOUT 1897. GROUND ACQUIRED BY CITY OF POMONA, OCTOBER 1926. NO RECORD OF WATER SPREAD PRIOR TO 1949-50. DEEP BASIN COMPLETED IN 1957.
L. A. CITY DEPT. OF WATER & POWER TUJUNGA	SHALLOW BASINS	1931-32	186	124	-	-	-	-	SAN FERNANDO VALLEY, EAST SIDE OF TUJUNGA WASH AT ROSCOE BOULEVARD.	LOS ANGELES CITY'S OWENS VALLEY AQUEDUCT.	PRIOR TO 1938 FLOOD, USED 80 ACRES NET. TUJUNGA CHANNEL ON WESTERLY SIDE OF GROUNDS PAVED IN 1950. DIVERSION OF TUJUNGA FLOWS TO GROUNDS ARE PRESENTLY BEING DEVELOPED AND EXPANDED.
HEADWORKS	SHALLOW	1938-39	33	28	57,000	-	-	-	SAN FERNANDO VALLEY, SOUTH OF LOS ANGELES RIVER, ABOVE MARIPOSA STREET.	LOS ANGELES RIVER, PARTIALLY CONTROLLED BY VARIOUS DAMS. RELEASE OF OWENS VALLEY WATER FROM CHATSWORTH RESERVOIR. GROUND WATER FROM WELLS IN THE WEST END OF SAN FERNANDO VALLEY.	CRYSTAL SPRINGS INFILTRATION AREA, NOT REGULAR SPREADING GROUNDS. WATER PUMPED OUT FROM COLLECTING GALLERIES UNDER AREA. IN OCTOBER 1958 A 130-FOOT COLLAPSIBLE RUBBER DAM WAS INSTALLED ACROSS LOS ANGELES RIVER.
TOTALS			229	-	-	-	-	-			

*THE CAPACITIES LISTED ARE BASED ON INFILTRATION RATES WHICH MAY BE EXPECTED TO PERSIST FOR AT LEAST FIVE DAYS BUT ARE NOT VALID FOR SUSTAINED SPREADING OPERATIONS.

**DESIGN CAPACITY OF MAIN CONCRETE CHANNEL.

TABLE XXII

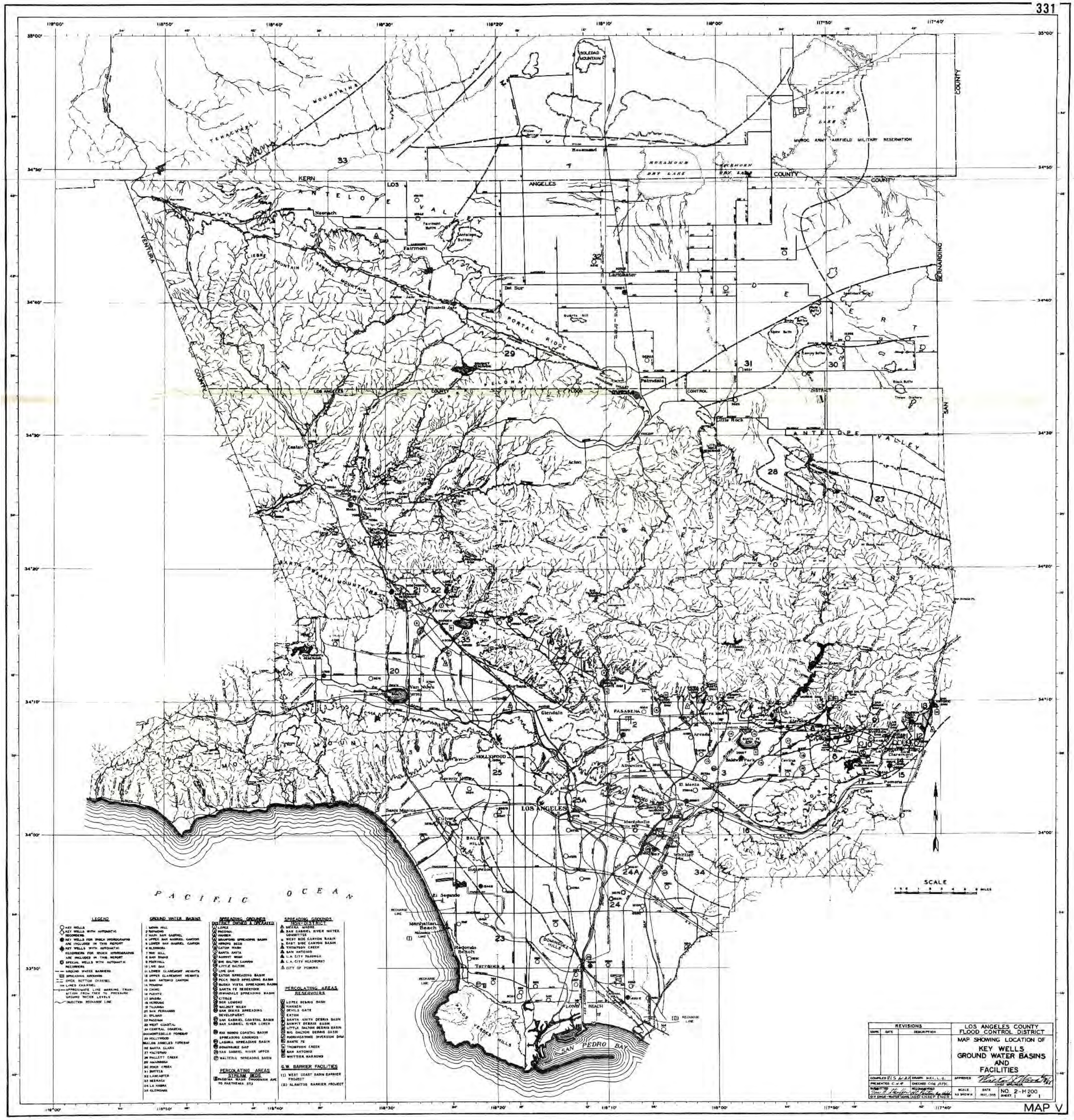
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
WATER CONSERVATION DIVISION
SUMMARY OF WATER SPREAD IN GROUNDS
NOT OWNED BY THE DISTRICT
SEPTEMBER 1967

RECORD OF WATER SPREAD
ACRE FEET

SEASON	GROUNDS IN WHICH DISTRICT DOES CONSTRUCTION MAINTENANCE AND SOME OPERATIONS						GROUNDS CONTROLLED BY OTHERS THE DISTRICT COOPERATING			TOTAL	SEASON
	CITY OF SIERRA MADRE		SAN GABRIEL SPREADING CORPORATION					L. A. CITY DEPT. OF WATER & POWER			
	SANTA ANITA WATER	LOCAL WATER	CANYON BASIN	MAIN BASIN	THOMPSON CREEK (B)	SAN ANTONIO (B)	CITY OF POMONA	TUJUNGA	HEADWORKS		
1919–20			7,974							7,974	1919–20
21			10,082							10,082	21
22			6,132			(C)				6,132	22
23			12,408			(C)				12,408	23
24			5,069			(C)				5,069	24
25			2,878			(C)				2,878	25
26			8,443			(C)				8,443	26
27			18,560	2,707		8,090	(C)			29,357	27
28			17,537	3,270	(C)	(C)	(C)			20,807	28
29			15,615	3,501	(C)	(C)	(C)			19,116	29
30			16,607	5,898	(C)	(C)	(C)			22,505	30
31			8,360	5,827	(C)	201	(C)			14,388	31
32			25,328	12,106	(C)	7,601	(C)	20,338		65,573	32
33			13,386	6,620	(C)	111	(C)	26,873		46,990	33
34		(C)	12,401	4,506	(C)	630	(C)	20,795		38,332	34
35		(C)	34,315	17,692	(C)	6,834	(C)	24,775		83,616	35
36		(C)	17,997	6,975	(C)	1,652	(C)	19,310		45,934	36
37		(C)	33,814	20,297	(C)	22,552	(C)	8,736		85,399	37
38		(C)	31,627	13,134	(C)	15,000	(C)	5,732		65,493	38
39		(C)	17,815	6,194	(C)	1,433	(C)	12,258	(D)	37,700	39
40		(C)	19,304	8,544	0	2,670	(C)	3,024	(D)	33,542	40
41		(C)	45,618	13,298	563	28,093	(C)	3,446	(D)	91,018	41
42		(C)	21,392	8,241	0	83	(C)	11,290	(D)	41,006	42
43		(C)	24,502	7,702	505	26,000	(C)	12,134	(D)	70,843	43
44		(C)	31,130	9,820	37	10,270	(C)	3,192	(D)	54,449	44
45		(C)	34,681	14,467	18	4,957	(C)	0	17,518	71,641	45
46		(C)	23,351	12,745	5	3,271	(C)	0	21,141	60,513	46
47		(C)	23,716	8,936	0	5,801	(C)	1,686	18,738	58,877	47
48		(C)	4,796	2,218	0	6	(C)	0	19,016	26,036	48
49		(C)	2,874	1,343	0	0	(C)	0	6,451	10,668	49
50		(C)	9,125	2,590	0	55	450‡	762	7,691	20,673	50
51		(C)	1,378	622	0	3	0	2,355	4,917	9,275	51
52	1,547	384	27,847	8,361	163	10,467	952	7,269	1,524	58,514	52
53	257	5	15,765	5,705	0	1,011	357	0	7,424	30,524	53
54	470	113	18,021	4,960	0	3,150	916	0	6,648	34,278	54
55	288	50	20,328	6,096	0	0	838	0	10,867	38,467	55
56	349	80	19,135	8,406	0	927	660	0	6,553	36,110	56
57	295	36	16,225	6,199	0	0	1,341	0	4,784	28,880	57
58	3,897	313	47,419	7,616	164	12,881	3,026	0	6,278	81,594	58
59	343	14	24,558	6,176(A)	0	0	2,820	0	9,045	42,956	59
60	43	2	6,111	(E)	0	0	963	0	8,040	15,159	60
61	41	2	2,534		0	0	12	0	6,121	8,710	61
62	1,313	219	34,008		27	2,525	234	6,894	10,642	55,862	62
63	874	21	25,345		0	0	73	0	10,279	36,592	63
64	427	54	12,785		0	0	70	0	11,312	24,648	64
65	905	99	17,463*		0	+	71	0	12,881	31,419	65
66	4,075	386	(F)		0	13,056	508	4,448	11,783	34,256	66
67	4,236	767	(F)		45	10,727	856	1,754	8,870	27,255	67
TOTALS	19,360	2,545	845,759	252,772	1,527	200,257	14,147	197,071	228,523	1,761,961	TOTALS

(A) BEGINNING IN 1958-59 THIS EXCLUDES CANYON WATER SPREAD AT BEN LOMOND.
(B) OPERATED BY POMONA VALLEY PROTECTIVE ASSOCIATION.
(C) WATER SPREAD, NO RECORDS KEPT.
(D) DAILY MEASUREMENTS MADE. TOTAL VOLUME NOT COMPUTED.
(E) EAST SIDE WATER COMMITTEE DISCONTINUED KEEPING RECORDS AS OF 1959-60 SEASON.
(F) WATER SPREAD; RECORDS NOT AVAILABLE.

* SAN GABRIEL SPREADING CORPORATION DISSOLVED IN THE SPRING OF 1965.

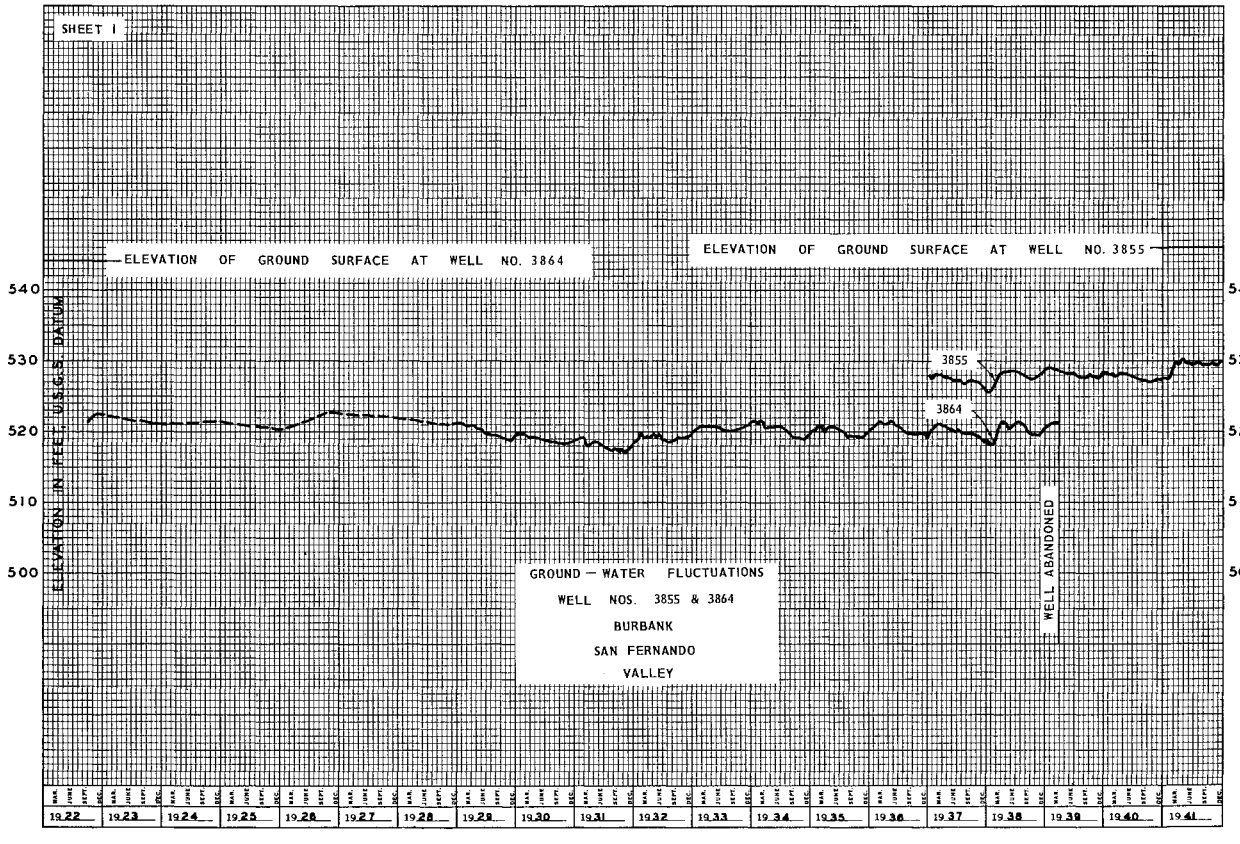


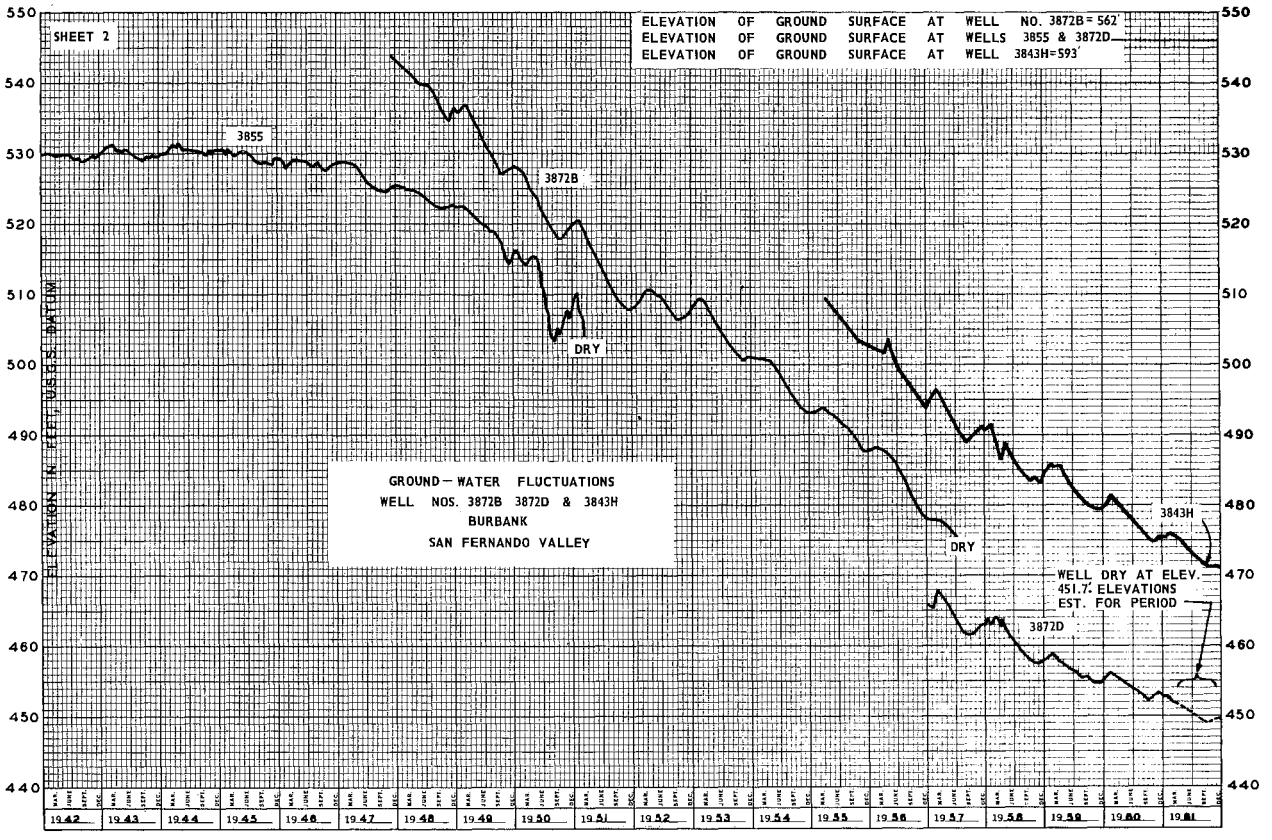
LEGEND
GROUND WATER BASINS
SPREADING GROUNDS
SPREADING GROUNDS
PERCOLATING AREAS
PERCOLATING AREAS
RESERVOIRS
G.W. BARRIER FACILITIES
PACIFIC OCEAN
SAN PEDRO BAY
LOS ANGELES
ANTELOPE VALLEY
MUROC ARMY AIRFIELD MILITARY RESERVATION
SCALE
REVISIONS
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
MAP SHOWING LOCATION OF
KEY WELLS
GROUND WATER BASINS
AND
FACILITIES
NO. 2-H 200
MAP V

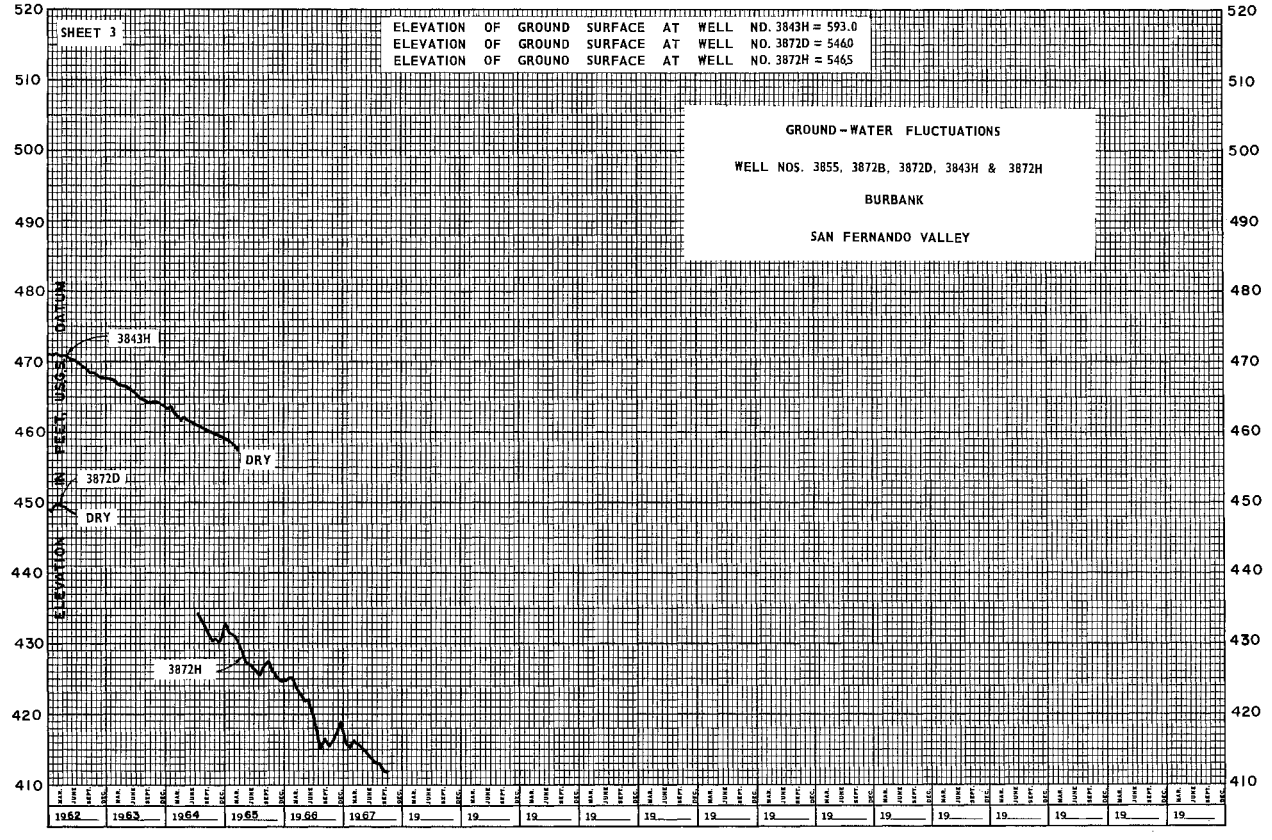
WELL HYDROGRAPHS INCLUDED IN THIS REPORT

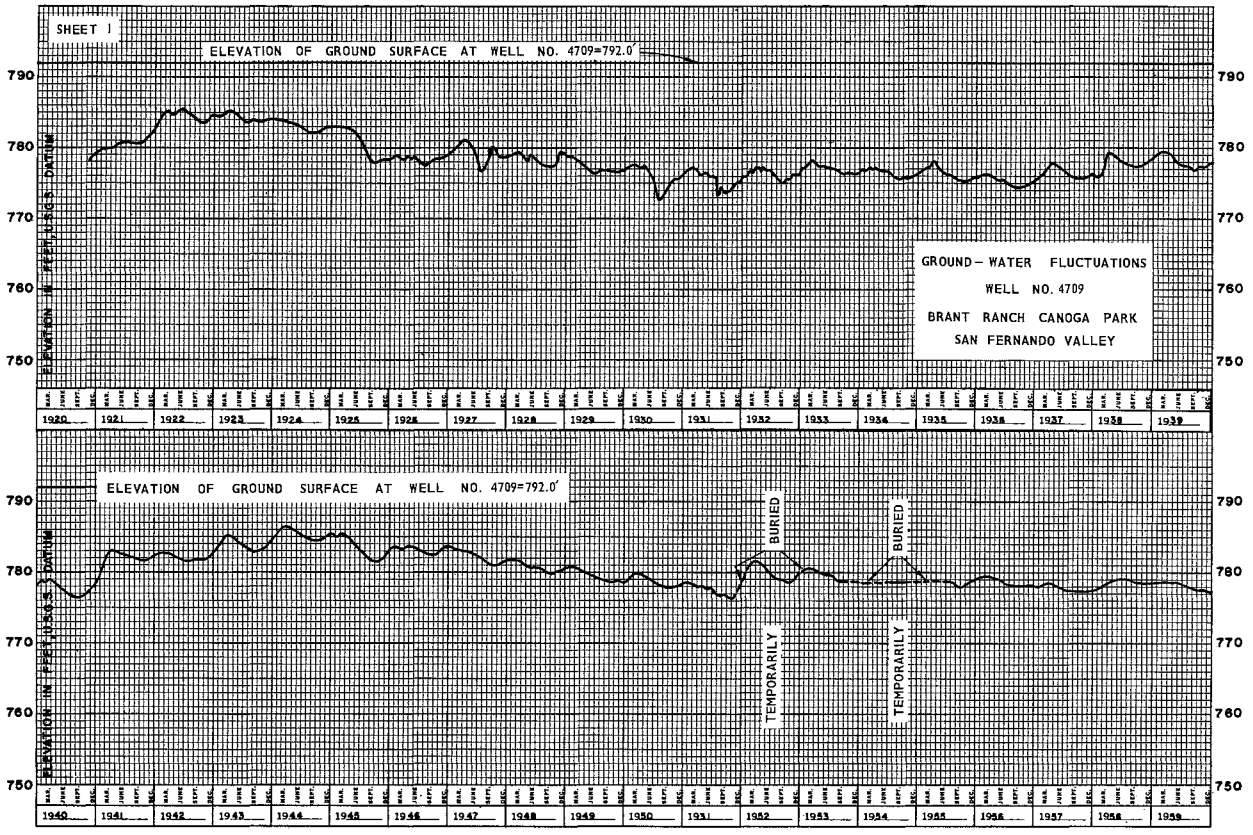
WELL NO.*	GROUND-WATER BASIN	APPROXIMATE LOCATION	PAGE NO.
3872 H	MAIN SAN FERNANDO BASIN	CLARK AVENUE AND GRIFFITH PARK DRIVE, BURBANK	333
4709	MAIN SAN FERNANDO BASIN	SHERMAN WAY AND DEERING AVENUE, CANOGA PARK	335
4057 H	RAYMOND BASIN	LOS ROBLES AND GLENARM STREETS, PASADENA	336
2955 X	MAIN SAN GABRIEL	TYLER AVENUE AND CENTRAL AVENUE, SOUTH EL MONTE	337
3030 F	MAIN SAN GABRIEL	600 FEET NORTHWEST OF THE INTERSECTION OF LOS ANGELES STREET AND MAINE AVENUE, BALDWIN PARK	339
4285 A	UPPER SAN GABRIEL CANYON	2,000 FEET NORTHWEST OF THE INTERSECTION OF SIERRA MADRE AVENUE AND AZUSA AVENUE, AZUSA	341
4506 A	UPPER CLAREMONT HEIGHTS	1,500 FEET NORTHEAST OF THE INTERSECTION OF POMELLO DRIVE AND PADUA AVENUE, CLAREMONT	342
3251 E	POMONA BASIN	2,200 FEET NORTH OF THE INTERSECTION OF SAN BERNARDINO FREEWAY AND TOWNE AVENUE, POMONA	343
1601 T	CENTRAL BASIN	1,000 FEET SOUTH OF THE INTERSECTION OF WASHINGTON BOULEVARD AND ROSEMEAD BOULEVARD, MONTEBELLO	345
906 D	CENTRAL BASIN	1,300 FEET NORTHWEST OF THE INTERSECTION OF LONG BEACH BOULEVARD AND SAN ANTONIO DRIVE, LONG BEACH	346
460 K	CENTRAL BASIN	2,600 FEET NORTHEAST OF THE INTERSECTION OF LAKEWOOD BOULEVARD AND PACIFIC COAST HIGHWAY, LONG BEACH	348
1346 D	WEST BASIN	1,900 FEET WEST OF THE INTERSECTION OF IMPERIAL HIGHWAY AND HAWTHORNE BOULEVARD, HAWTHORNE	349
7048 A	SANTA CLARA RIVER VALLEY	SOUTHEAST OF THE INTERSECTION OF NEWHALL AVENUE AND HENRY MAYO DRIVE, SAUGUS	350
9962 C	LANCASTER	1,500 FEET NORTHWEST OF THE INTERSECTION OF SIERRA HIGHWAY AND AVENUE K, LANCASTER	351

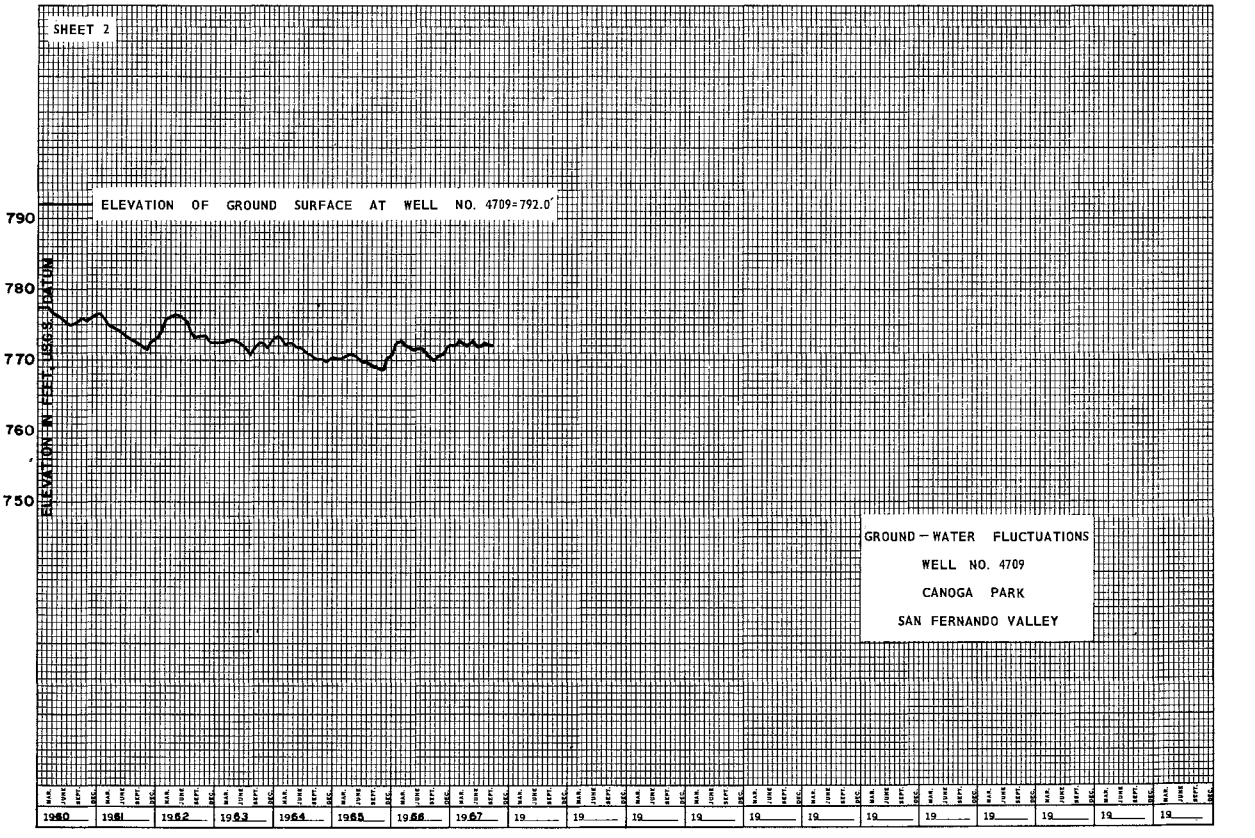
* WELL LISTED IS THAT WELL CURRENTLY BEING MEASURED AT THE LOCATION DESCRIBED.

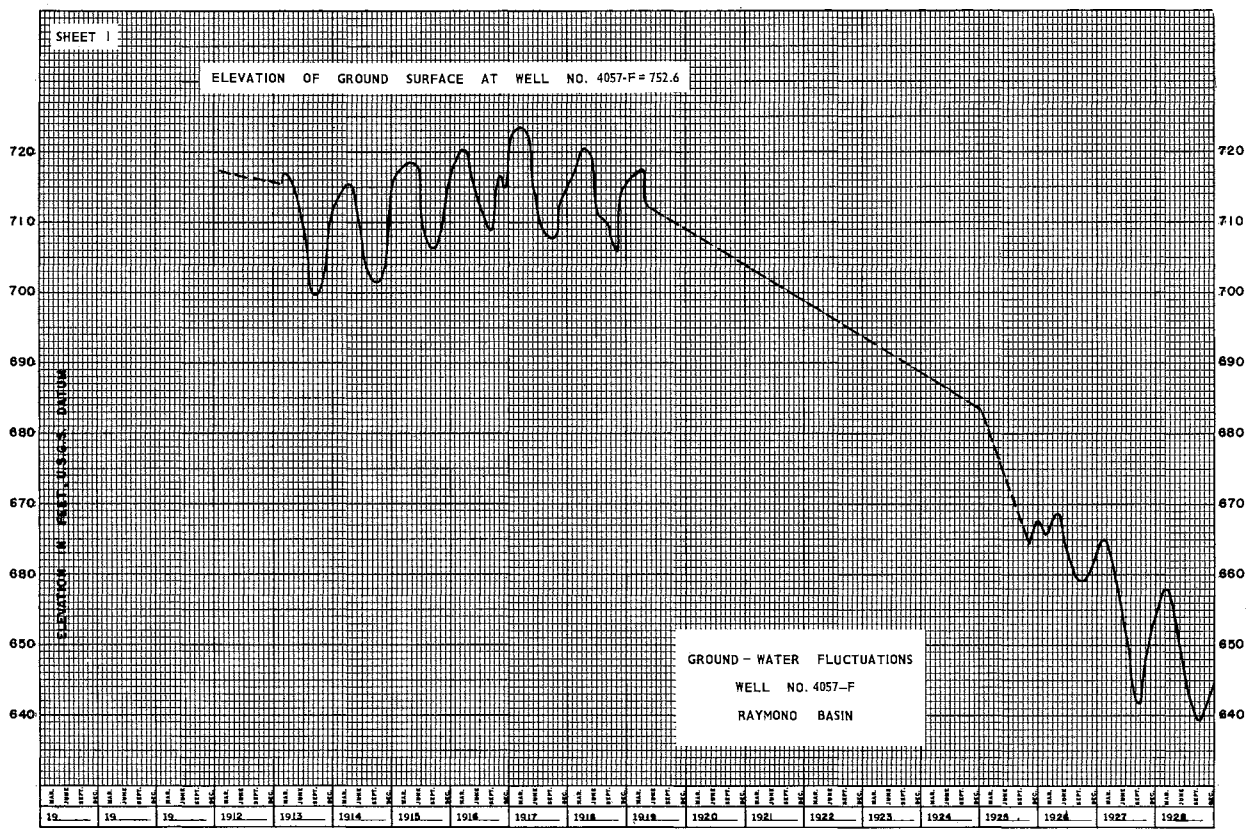


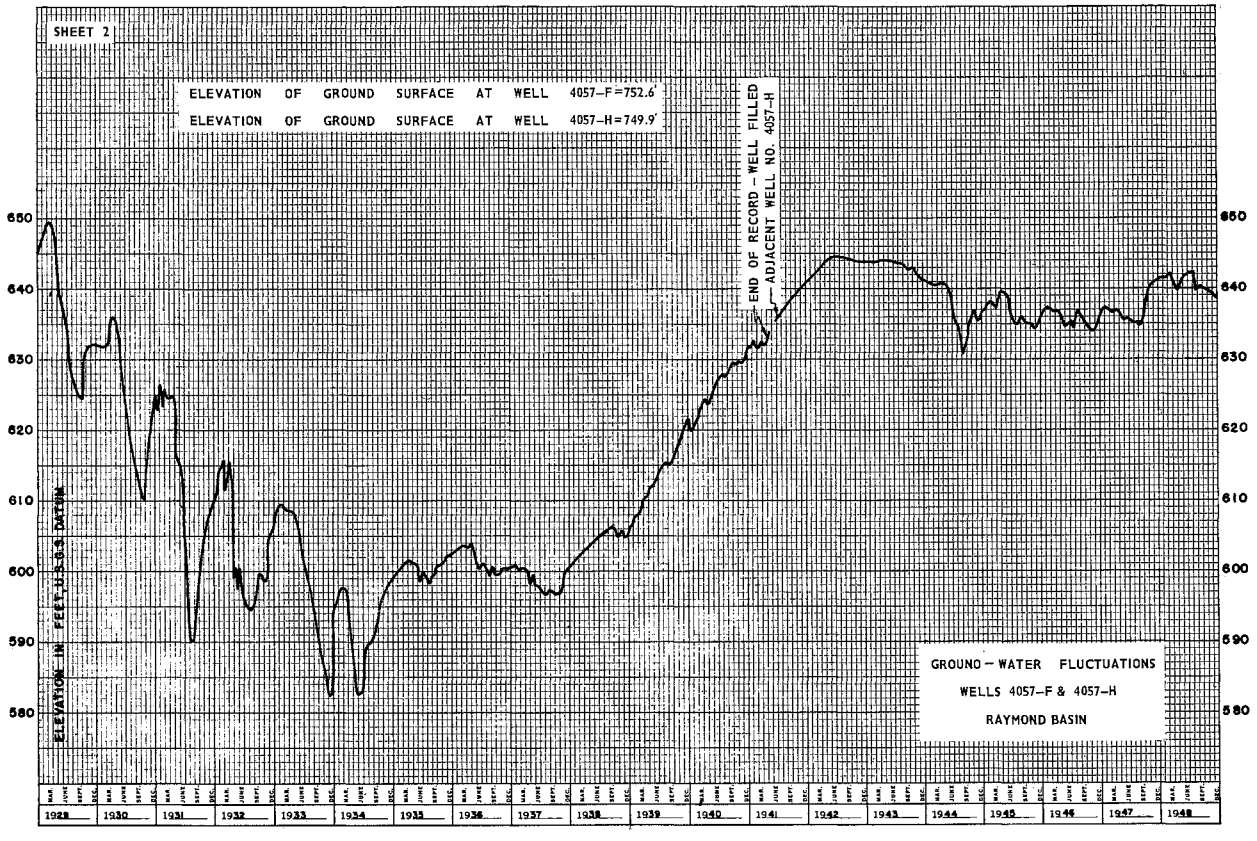

SHEET 2
ELEVATION OF GROUND SURFACE AT WELL NO. 3872B = 562'
ELEVATION OF GROUND SURFACE AT WELLS 3855 & 3872D
ELEVATION OF GROUND SURFACE AT WELL 3843H=593'
3855
3872B
DRY
DRY
3843H
WELL DRY AT ELEV. 451.7. ELEVATIONS EST. FOR PERIOD
3872D
GROUND-WATER FLUCTUATIONS
WELL NOS. 3872B 3872D & 3843H
BURBANK
SAN FERNANDO VALLEY
ELEVATION IN FEET, USGS DATUM
550
540
530
520
510
500
490
480
470
460
450
440
1942
1943
1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961

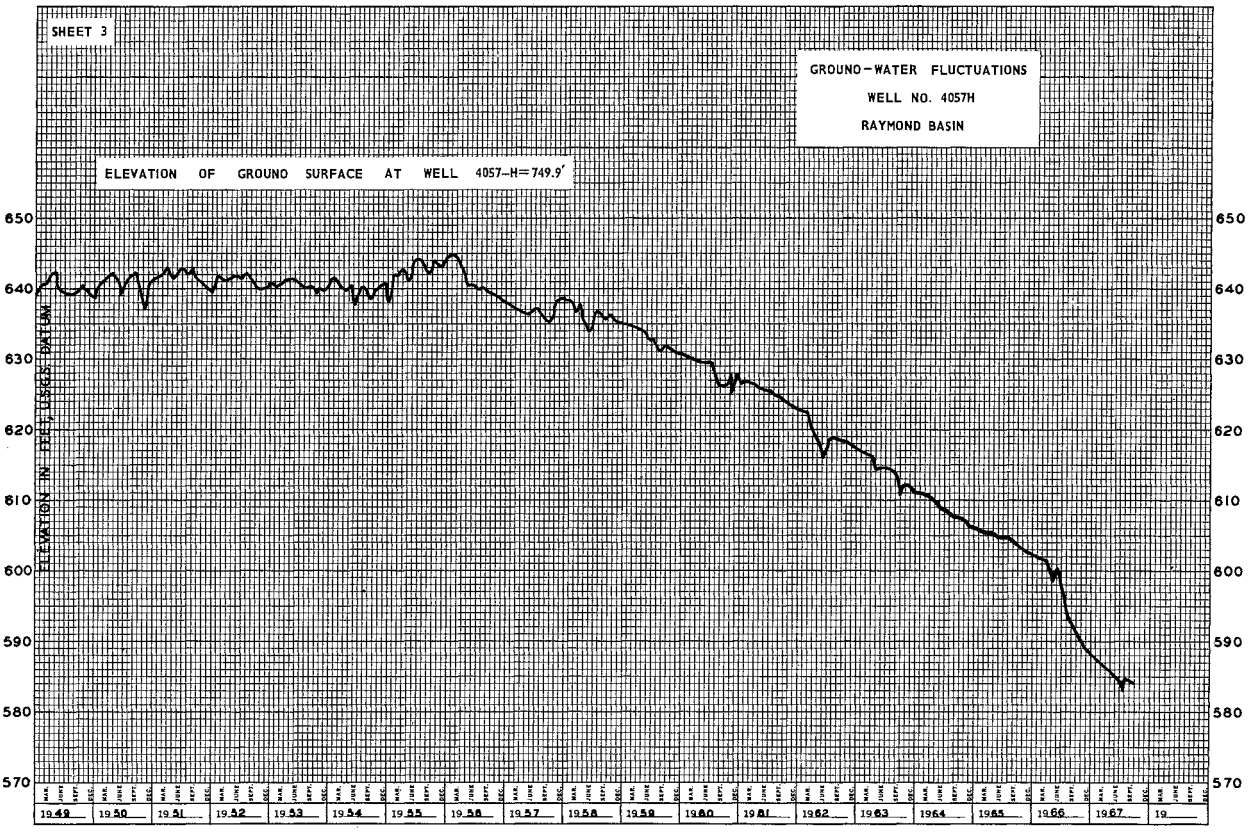

SHEET 3
ELEVATION OF GROUND SURFACE AT WELL NO. 3843H = 593.0
ELEVATION OF GROUND SURFACE AT WELL NO. 3872D = 5460
ELEVATION OF GROUND SURFACE AT WELL NO. 3872H = 5465
GROUND-WATER FLUCTUATIONS
WELL NOS. 3855, 3872B, 3872D, 3843H & 3872H
BURBANK
SAN FERNANDO VALLEY
3843H
DRY
3872D
DRY
3872H
ELEVATION IN FEET, USGS DATUM
520
510
500
490
480
470
460
450
440
430
420
410
1962
1963
1964
1965
1966
1967

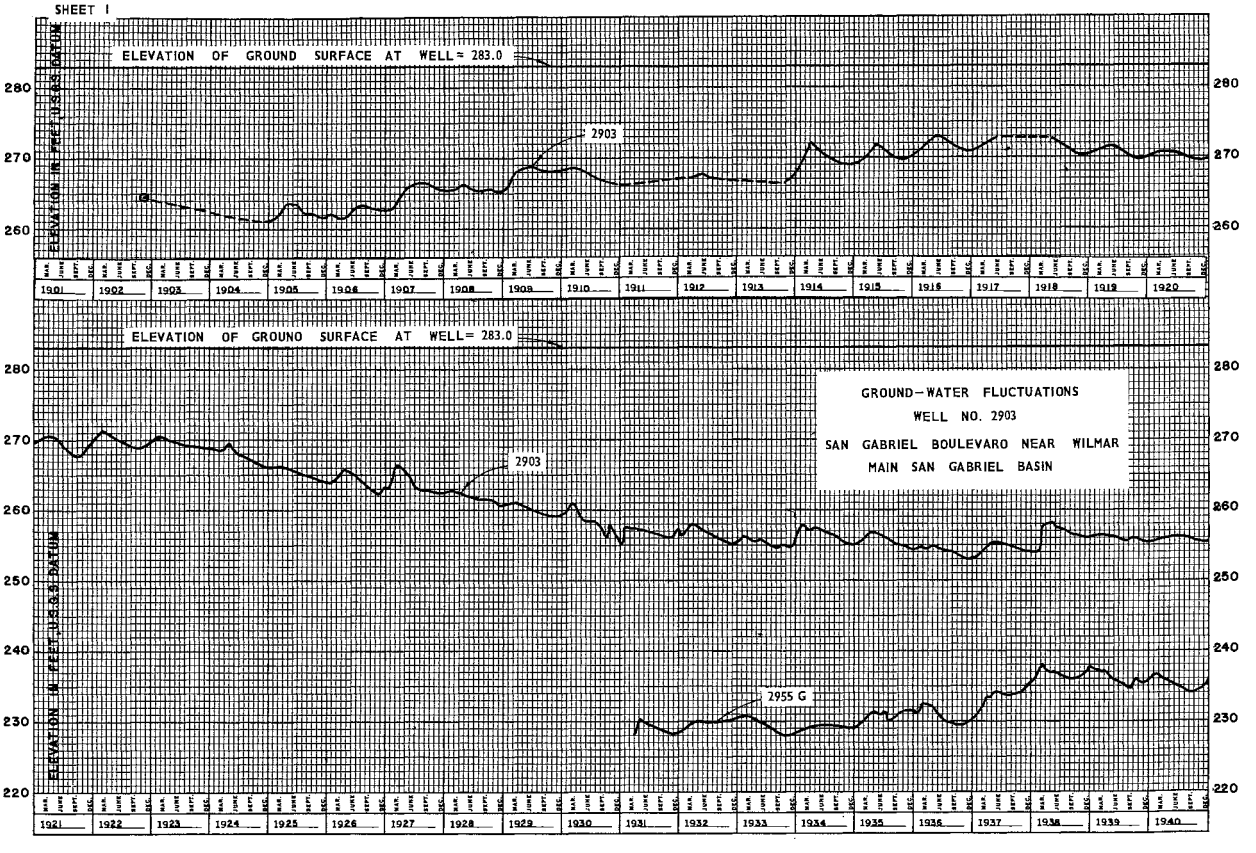

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL NO. 4709=792.0'
ELEVATION IN FEET, U.S.G.S. DATUM
790
780
770
760
750
GROUND – WATER FLUCTUATIONS
WELL NO. 4709
BRANT RANCH CANOGA PARK
SAN FERNANDO VALLEY
1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939
ELEVATION OF GROUND SURFACE AT WELL NO. 4709=792.0'
TEMPORARILY BURIED
TEMPORARILY BURIED
1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959

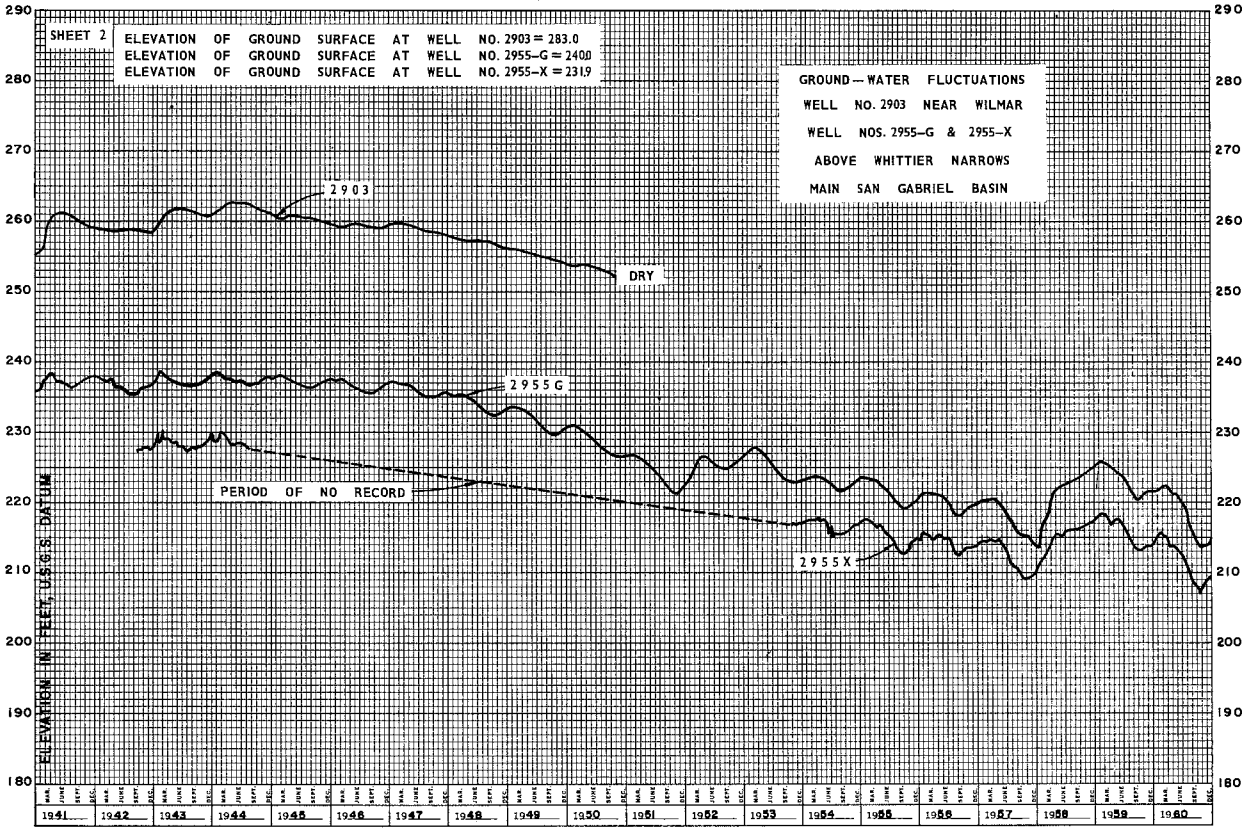

SHEET 2
ELEVATION OF GROUND SURFACE AT WELL NO. 4709=792.0'
ELEVATION IN FEET, U.S.G.S. DATUM
790
780
770
760
750
GROUND – WATER FLUCTUATIONS
WELL NO. 4709
CANOGA PARK
SAN FERNANDO VALLEY
1960 1961 1962 1963 1964 1965 1966 1967 19 19 19 19 19 19 19 19 19 19 19 19

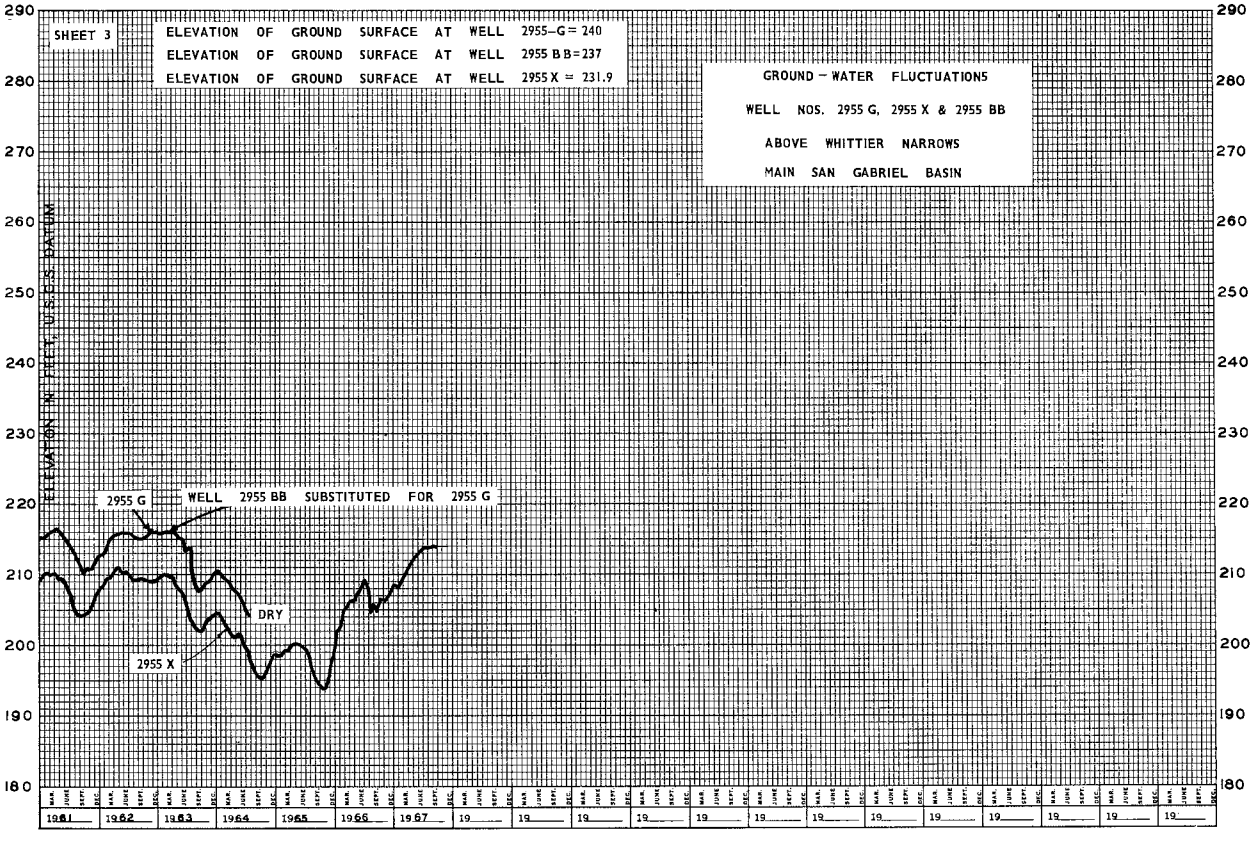

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL NO. 4057-F = 752.6
ELEVATION IN FEET, U.S.C.&G.S. DATUM
720
710
700
690
680
670
660
650
640
GROUND - WATER FLUCTUATIONS
WELL NO. 4057-F
RAYMOND BASIN
1912
1913
1914
1915
1916
1917
1918
1919
1920
1921
1922
1923
1924
1925
1926
1927
1928

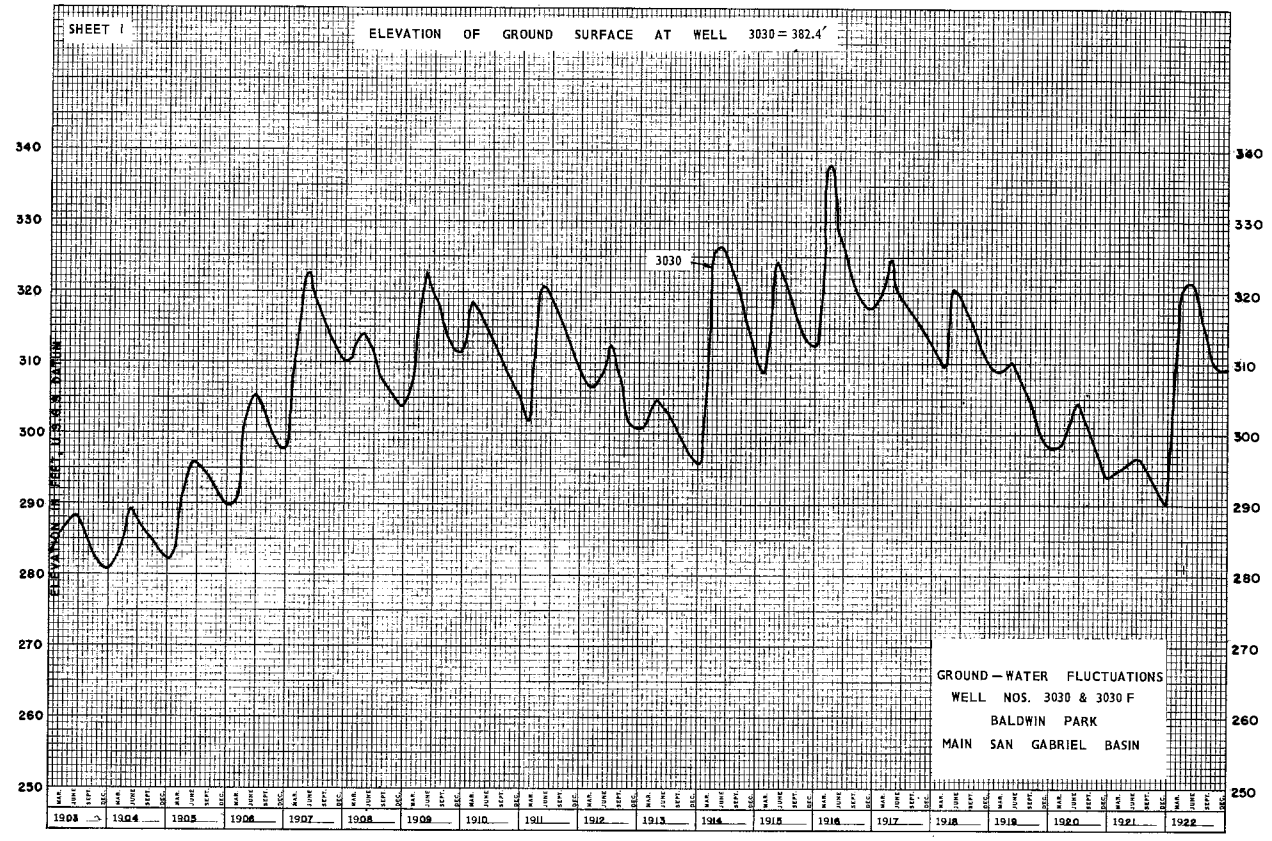

SHEET 2
ELEVATION OF GROUND SURFACE AT WELL 4057-F=752.6'
ELEVATION OF GROUND SURFACE AT WELL 4057-H=749.9'
END OF RECORD - WELL FILLED
ADJACENT WELL NO. 4057-H
ELEVATION IN FEET, U.S.C.&G.S. DATUM
650
640
630
620
610
600
590
580
GROUND - WATER FLUCTUATIONS
WELLS 4057-F & 4057-H
RAYMOND BASIN
1929
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948

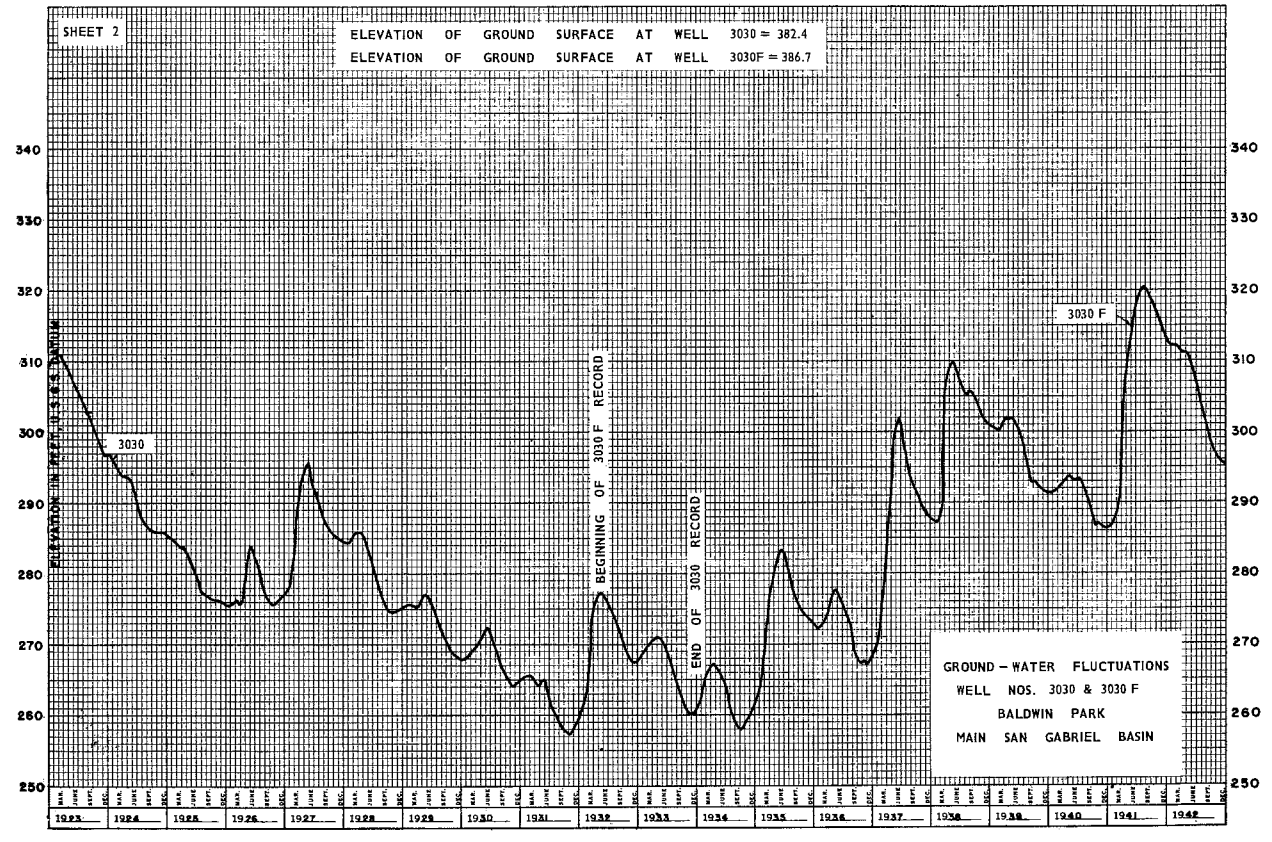

SHEET 3
GROUND-WATER FLUCTUATIONS
WELL NO. 4057H
RAYMOND BASIN
ELEVATION OF GROUND SURFACE AT WELL 4057-H=749.9'
ELEVATION IN FEET, U.S.G.S. DATUM
650
640
630
620
610
600
590
580
570
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967

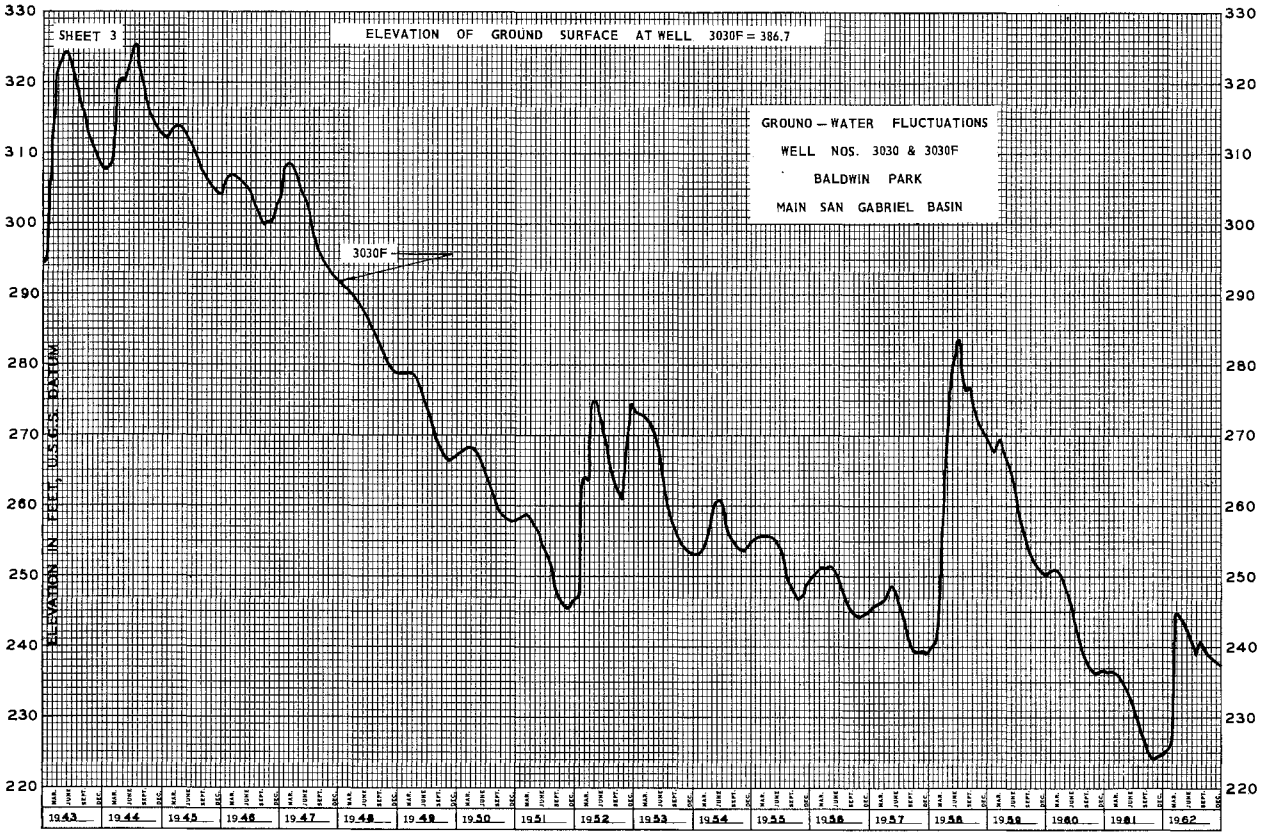

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL= 283.0
2903
ELEVATION IN FEET, U.S.G.S. DATUM
280
270
260
1901
1902
1903
1904
1905
1906
1907
1908
1909
1910
1911
1912
1913
1914
1915
1916
1917
1918
1919
1920
ELEVATION OF GROUND SURFACE AT WELL= 283.0
GROUND-WATER FLUCTUATIONS
WELL NO. 2903
SAN GABRIEL BOULEVARD NEAR WILMAR
MAIN SAN GABRIEL BASIN
2903
2955 G
ELEVATION IN FEET, U.S.G.S. DATUM
280
270
260
250
240
230
220
1921
1922
1923
1924
1925
1926
1927
1928
1929
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940

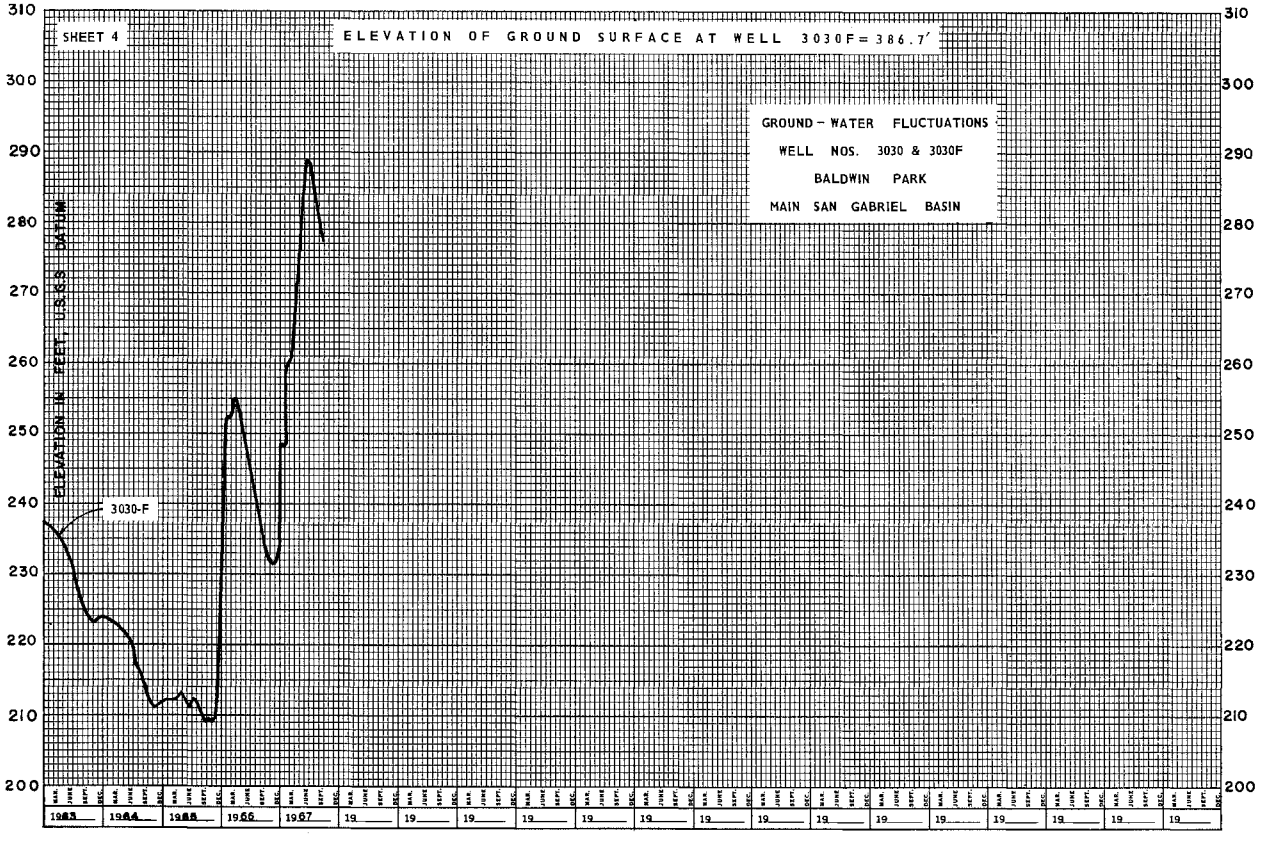

SHEET 2
ELEVATION OF GROUND SURFACE AT WELL NO. 2903 = 283.0
ELEVATION OF GROUND SURFACE AT WELL NO. 2955-G = 240.0
ELEVATION OF GROUND SURFACE AT WELL NO. 2955-X = 231.9
GROUND-WATER FLUCTUATIONS
WELL NO. 2903 NEAR WILMAR
WELL NOS. 2955-G & 2955-X
ABOVE WHITTIER NARROWS
MAIN SAN GABRIEL BASIN
2903
DRY
2955 G
PERIOD OF NO RECORD
2955 X
ELEVATION IN FEET, U.S.G.S. DATUM
290
280
270
260
250
240
230
220
210
200
190
180
1941
1942
1943
1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960

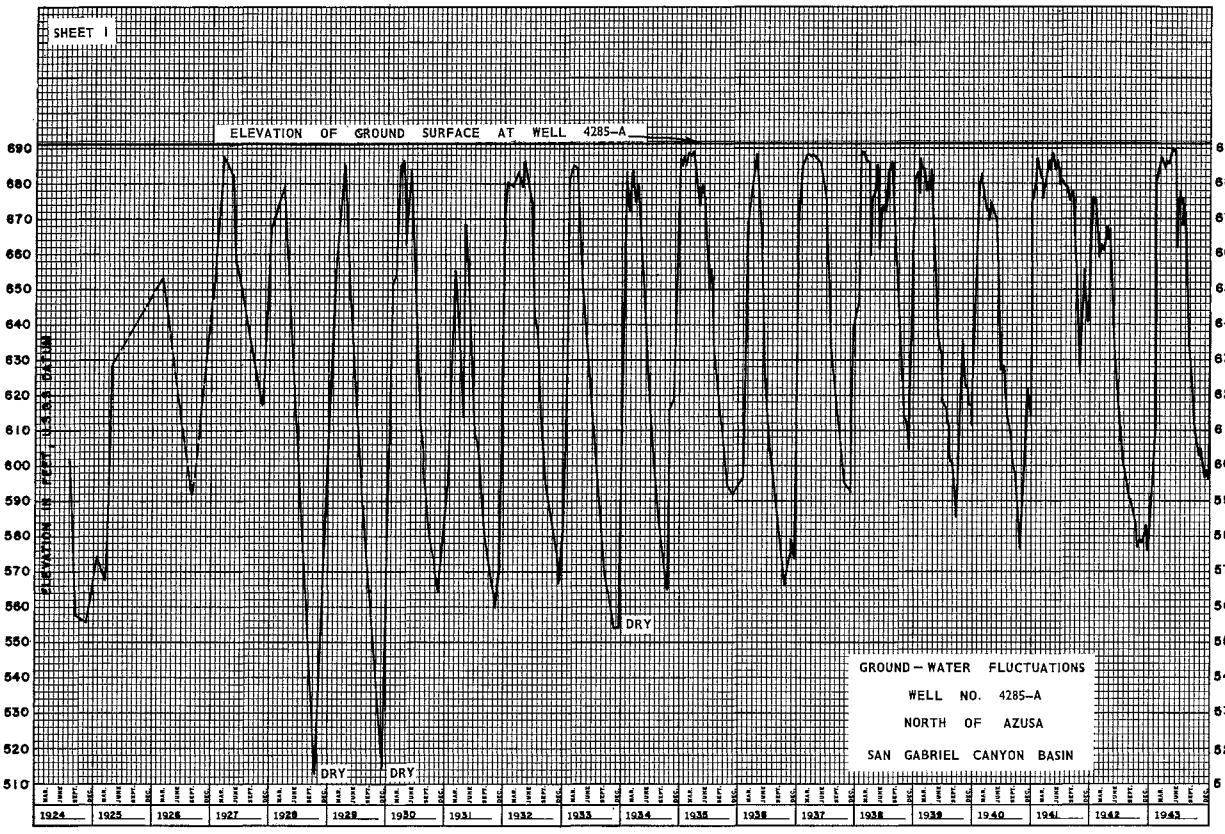

SHEET 3
ELEVATION OF GROUND SURFACE AT WELL 2955-G = 240
ELEVATION OF GROUND SURFACE AT WELL 2955 BB = 237
ELEVATION OF GROUND SURFACE AT WELL 2955 X = 231.9
GROUND-WATER FLUCTUATIONS
WELL NOS. 2955 G, 2955 X & 2955 BB
ABOVE WHITTIER NARROWS
MAIN SAN GABRIEL BASIN
2955 G
WELL 2955 BB SUBSTITUTED FOR 2955 G
DRY
2955 X
ELEVATION IN FEET, U.S.G.S. DATUM
290
280
270
260
250
240
230
220
210
200
190
180
1961
1962
1963
1964
1965
1966
1967

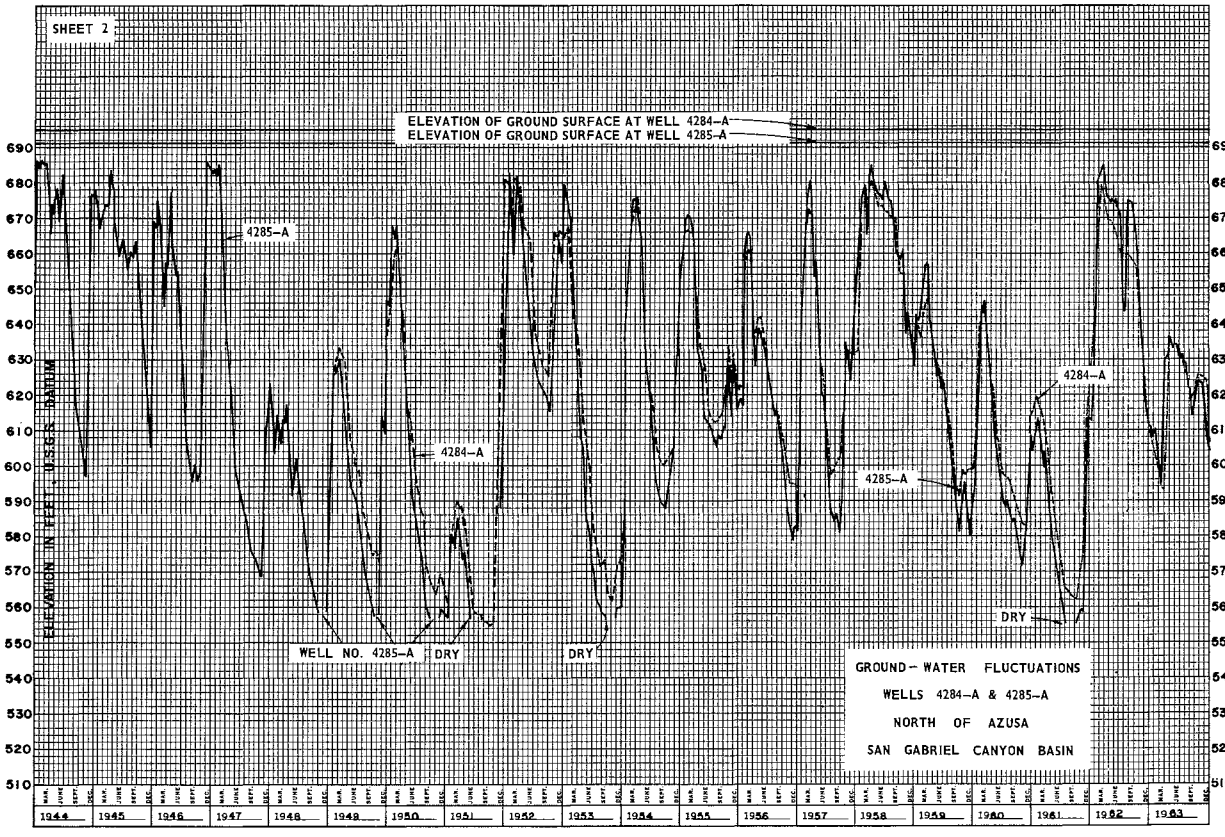

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL 3030 = 382.4'
3030
ELEVATION IN FEET, U.S.C.& G.S. DATUM
GROUND-WATER FLUCTUATIONS
WELL NOS. 3030 & 3030 F
BALDWIN PARK
MAIN SAN GABRIEL BASIN
340
330
320
310
300
290
280
270
260
250
1903
1904
1905
1906
1907
1908
1909
1910
1911
1912
1913
1914
1915
1916
1917
1918
1919
1920
1921
1922

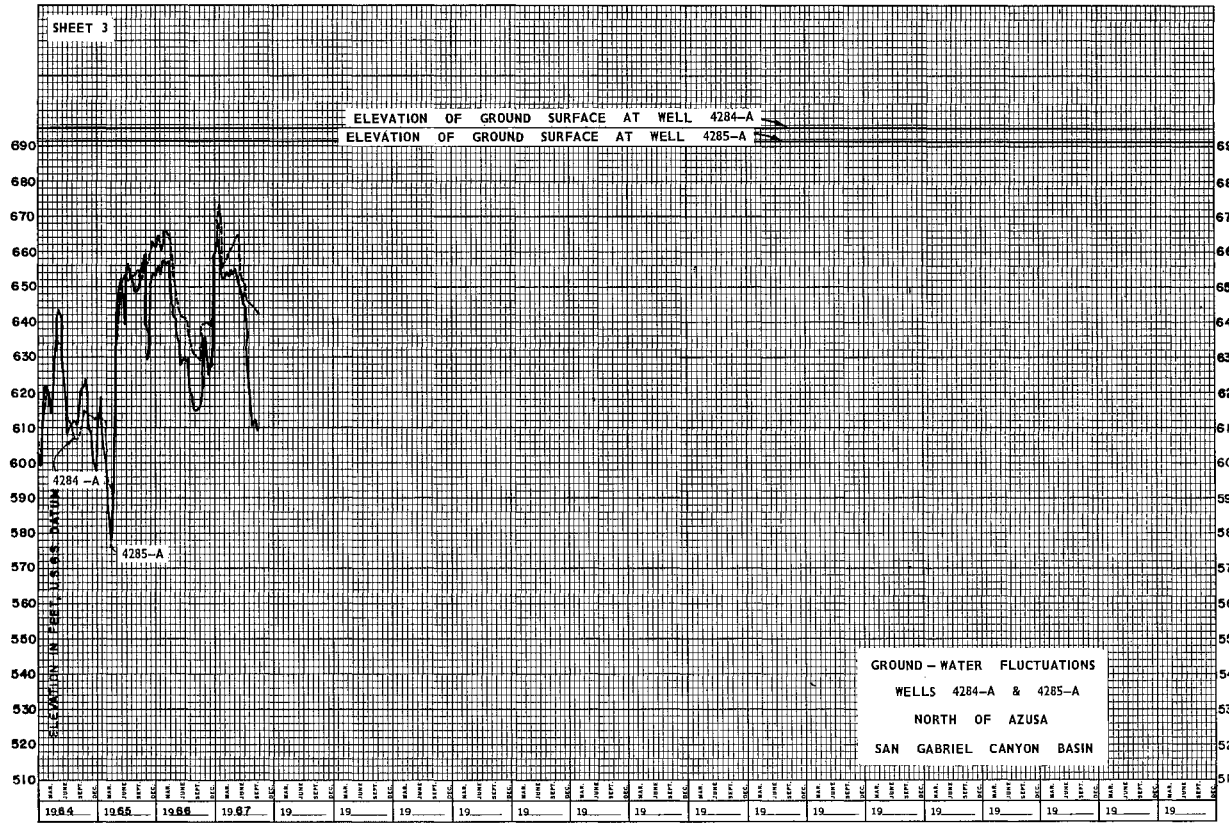

SHEET 2
ELEVATION OF GROUND SURFACE AT WELL 3030 = 382.4
ELEVATION OF GROUND SURFACE AT WELL 3030F = 386.7
3030
3030 F
BEGINNING OF 3030 F RECORD
END OF 3030 RECORD
ELEVATION IN FEET, U.S.C.& G.S. DATUM
GROUND-WATER FLUCTUATIONS
WELL NOS. 3030 & 3030 F
BALDWIN PARK
MAIN SAN GABRIEL BASIN
340
330
320
310
300
290
280
270
260
250
1923
1924
1925
1926
1927
1928
1929
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940
1941
1942

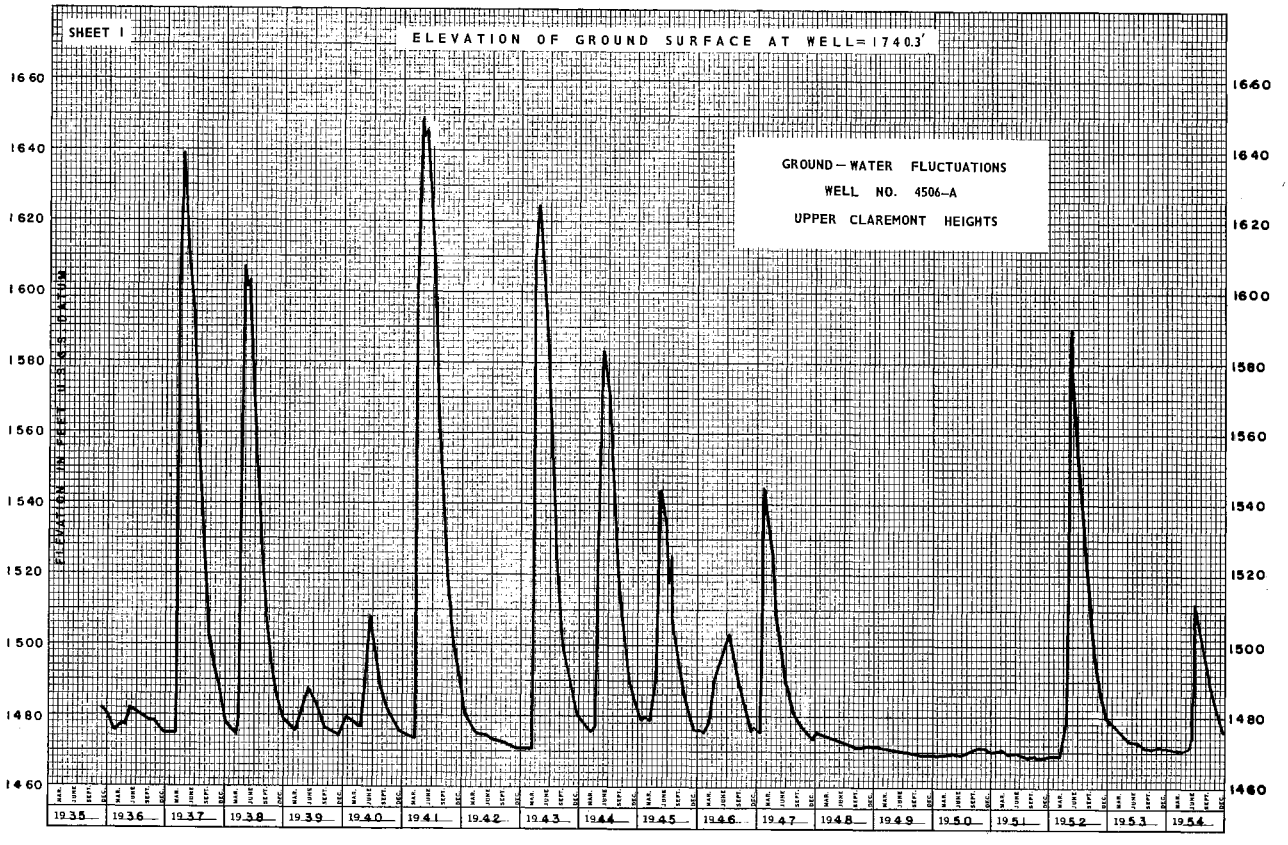

SHEET 3
ELEVATION OF GROUND SURFACE AT WELL 3030F = 386.7
GROUND-WATER FLUCTUATIONS
WELL NOS. 3030 & 3030F
BALDWIN PARK
MAIN SAN GABRIEL BASIN
3030F
ELEVATION IN FEET, U.S.G.S. DATUM
330
320
310
300
290
280
270
260
250
240
230
220
1943
1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962

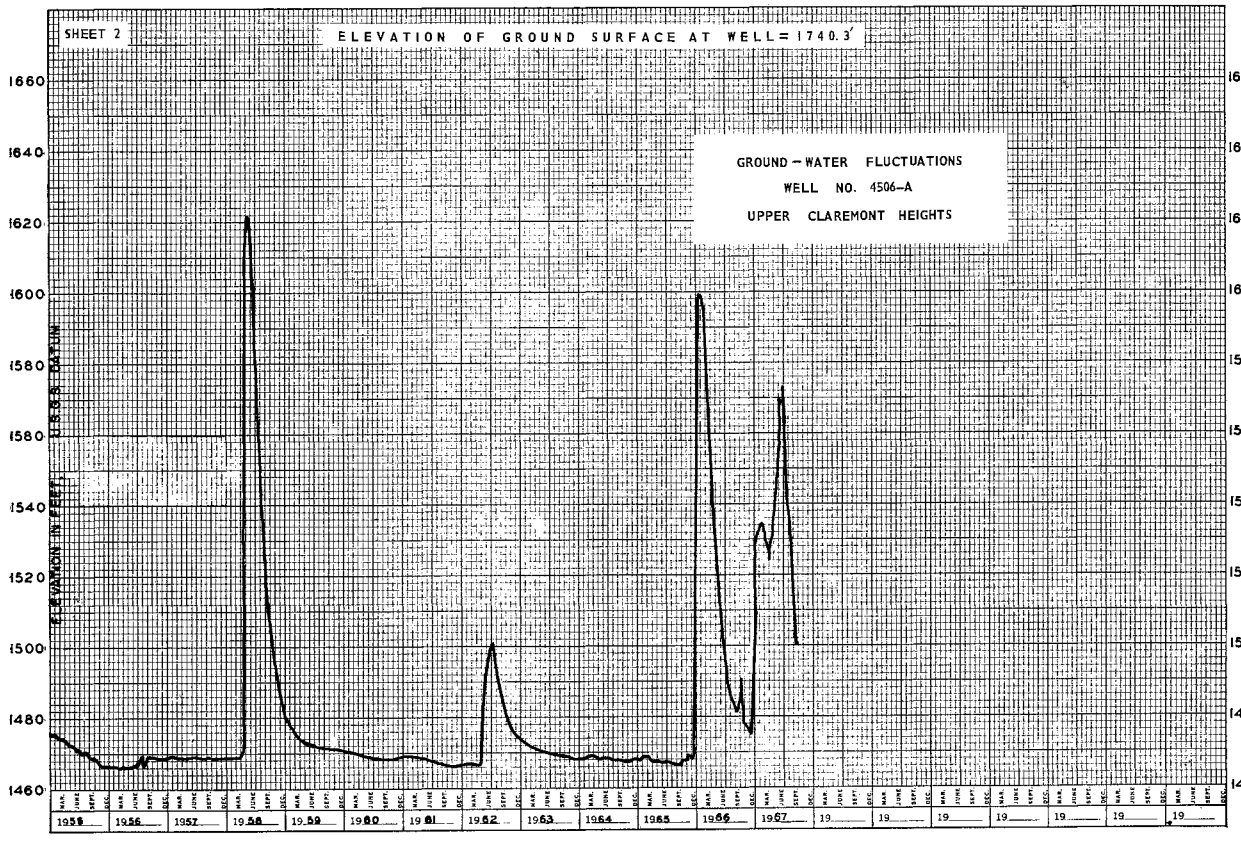

SHEET 4
ELEVATION OF GROUND SURFACE AT WELL 3030F = 386.7'
GROUND-WATER FLUCTUATIONS
WELL NOS. 3030 & 3030F
BALDWIN PARK
MAIN SAN GABRIEL BASIN
3030-F
ELEVATION IN FEET, U.S.G.S. DATUM
310
300
290
280
270
260
250
240
230
220
210
200
1963
1964
1965
1966
1967

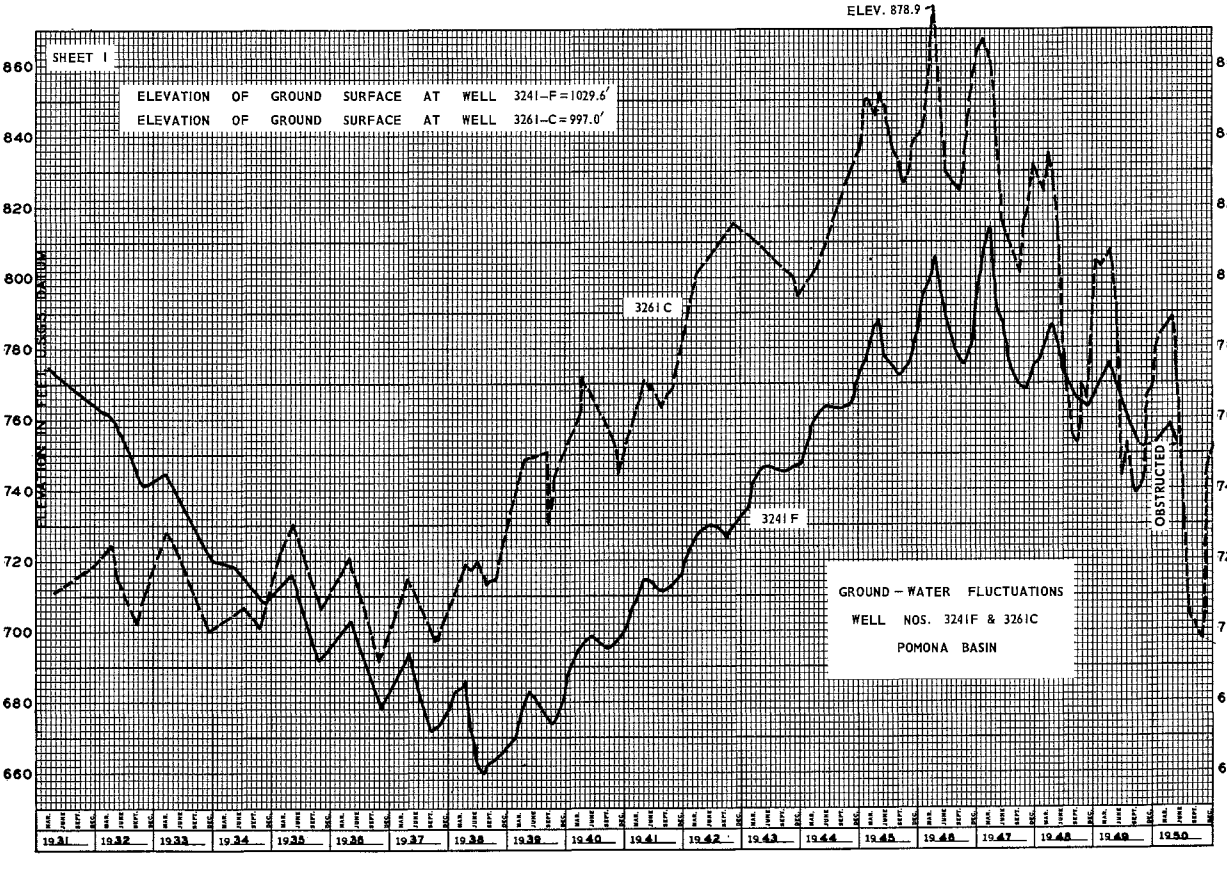

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL 4285-A
ELEVATION IN FEET, U.S.G.S. DATUM
DRY
DRY
DRY
GROUND-WATER FLUCTUATIONS
WELL NO. 4285-A
NORTH OF AZUSA
SAN GABRIEL CANYON BASIN
1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943

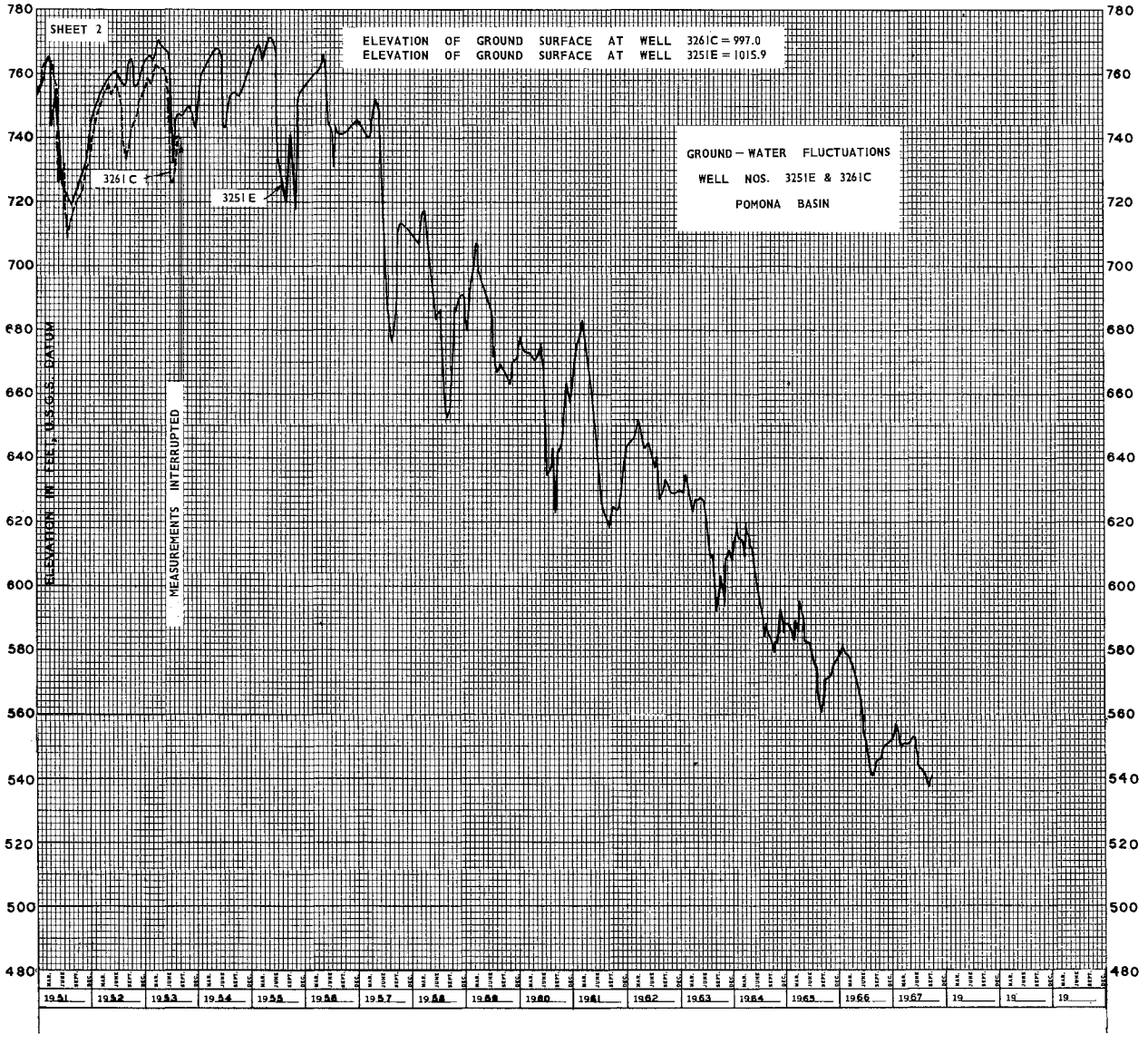

SHEET 2
ELEVATION OF GROUND SURFACE AT WELL 4284-A
ELEVATION OF GROUND SURFACE AT WELL 4285-A
ELEVATION IN FEET, U.S.G.S. DATUM
4285-A
4284-A
4284-A
4285-A
WELL NO. 4285-A
DRY
DRY
DRY
GROUND-WATER FLUCTUATIONS
WELLS 4284-A & 4285-A
NORTH OF AZUSA
SAN GABRIEL CANYON BASIN
1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963

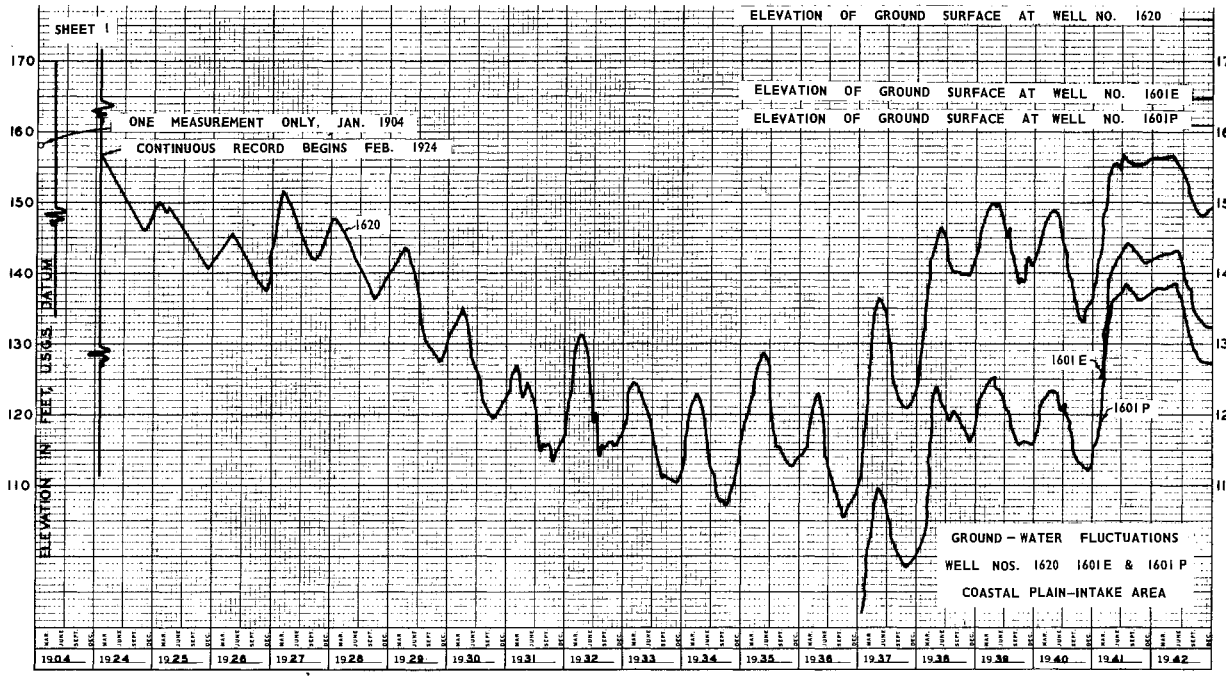

SHEET 3
ELEVATION OF GROUND SURFACE AT WELL 4284-A
ELEVATION OF GROUND SURFACE AT WELL 4285-A
690
680
670
660
650
640
630
620
610
600
590
580
570
560
550
540
530
520
510
ELEVATION IN FEET U.S.G.S. DATUM
4284 -A
4285-A
GROUND - WATER FLUCTUATIONS
WELLS 4284-A & 4285-A
NORTH OF AZUSA
SAN GABRIEL CANYON BASIN
1964
1965
1966
1967

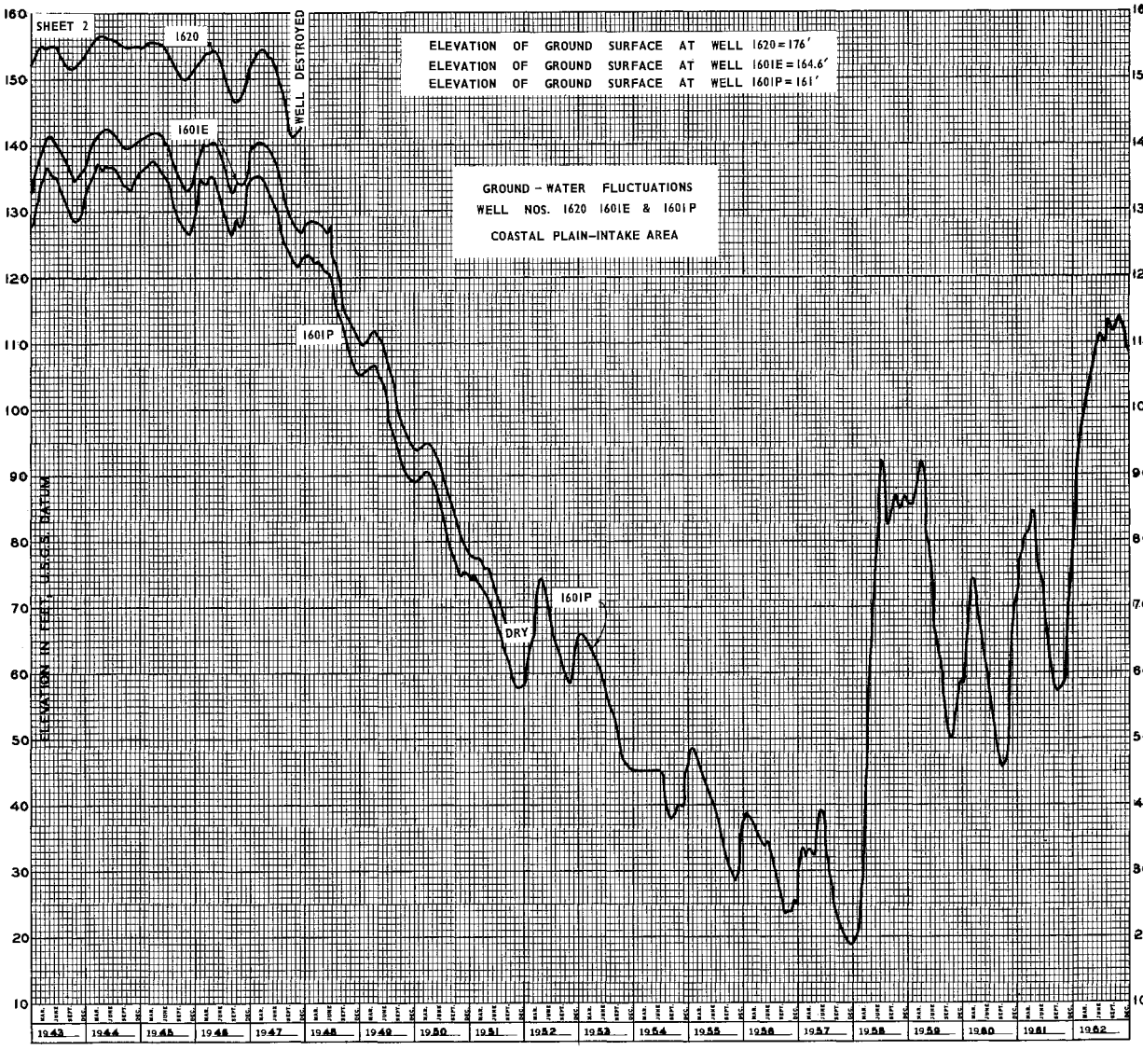

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL = 1740.3'
1660
1640
1620
1600
1580
1560
1540
1520
1500
1480
1460
ELEVATION IN FEET U.S.G.S. DATUM
GROUND - WATER FLUCTUATIONS
WELL NO. 4506-A
UPPER CLAREMONT HEIGHTS
1935
1936
1937
1938
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954

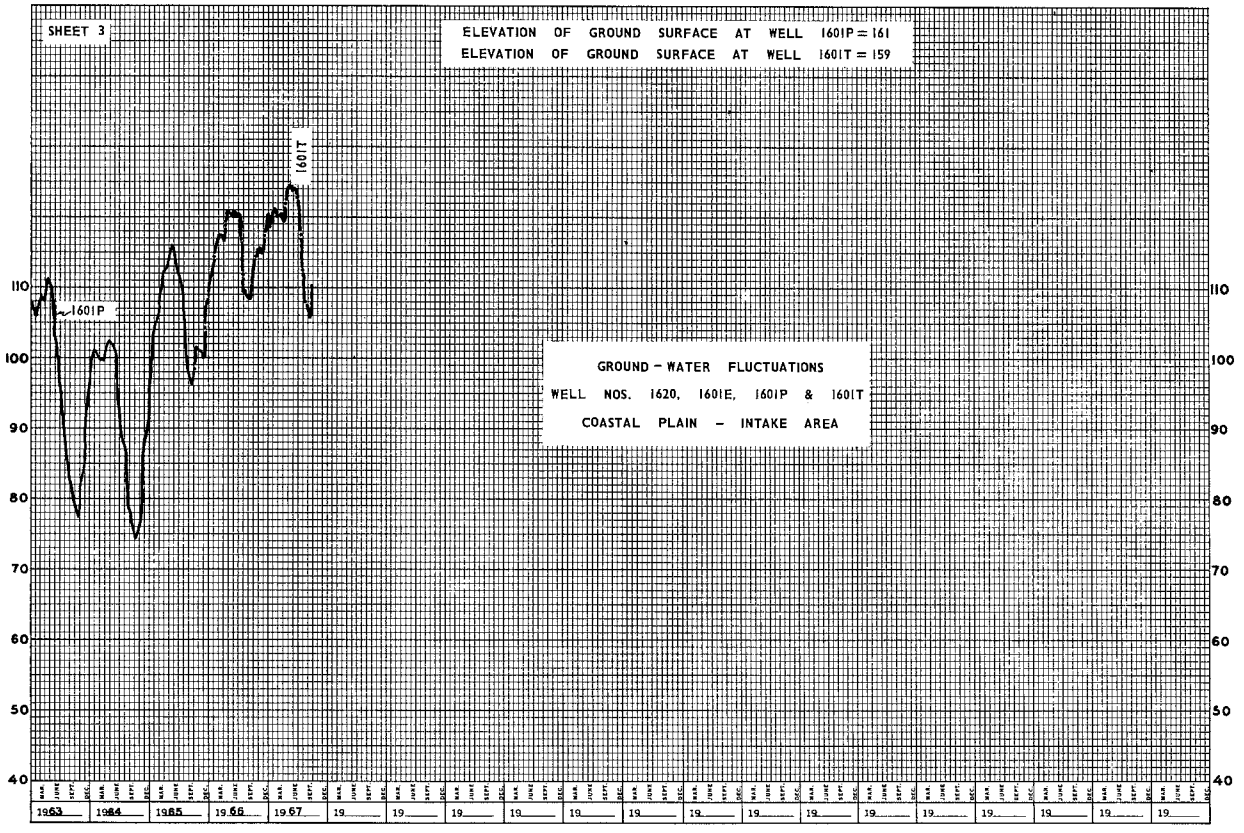

SHEET 2
ELEVATION OF GROUND SURFACE AT WELL = 1740.3'
GROUND – WATER FLUCTUATIONS
WELL NO. 4506–A
UPPER CLAREMONT HEIGHTS
ELEVATION IN FEET, U.S.C.&G.S. DATUM
1660
1640
1620
1600
1580
1560
1540
1520
1500
1480
1460
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967

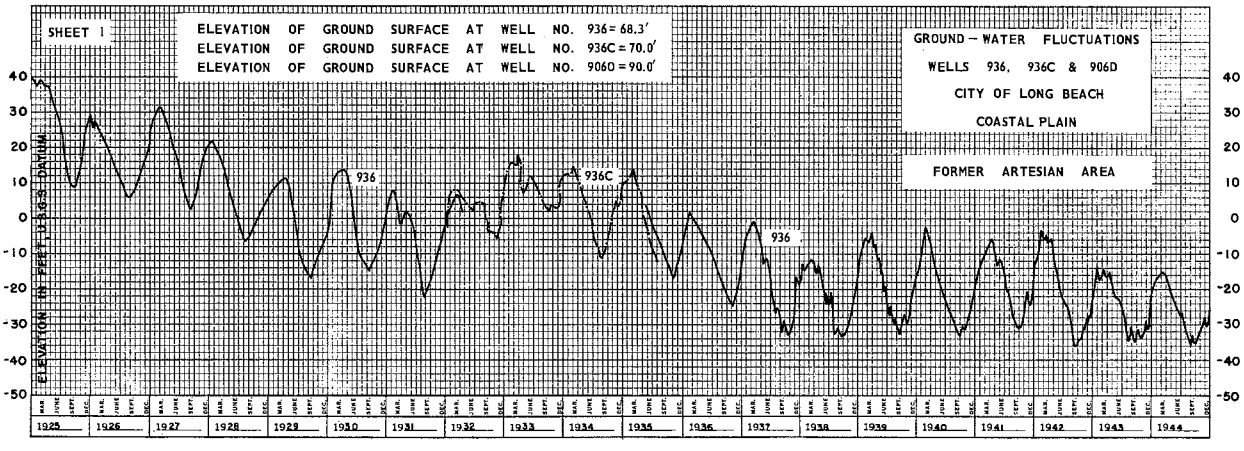

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL 3241–F = 1029.6'
ELEVATION OF GROUND SURFACE AT WELL 3261–C = 997.0'
ELEV. 878.9
3261 C
3241 F
OBSTRUCTED
GROUND – WATER FLUCTUATIONS
WELL NOS. 3241F & 3261C
POMONA BASIN
ELEVATION IN FEET, U.S.C.&G.S. DATUM
860
840
820
800
780
760
740
720
700
680
660
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948
1949
1950

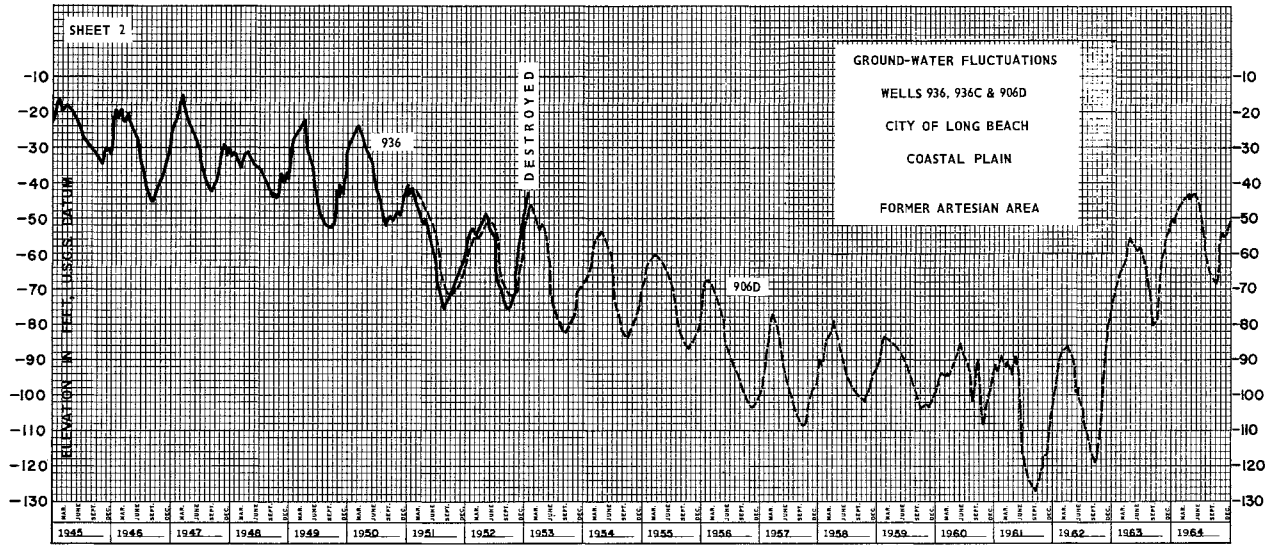

SHEET 2
ELEVATION OF GROUND SURFACE AT WELL 3261C = 997.0
ELEVATION OF GROUND SURFACE AT WELL 3251E = 1015.9
GROUND – WATER FLUCTUATIONS
WELL NOS. 3251E & 3261C
POMONA BASIN
3261C
3251E
MEASUREMENTS INTERRUPTED
ELEVATION IN FEET, U.S.G.S. DATUM
780
760
740
720
700
680
660
640
620
600
580
560
540
520
500
480
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967

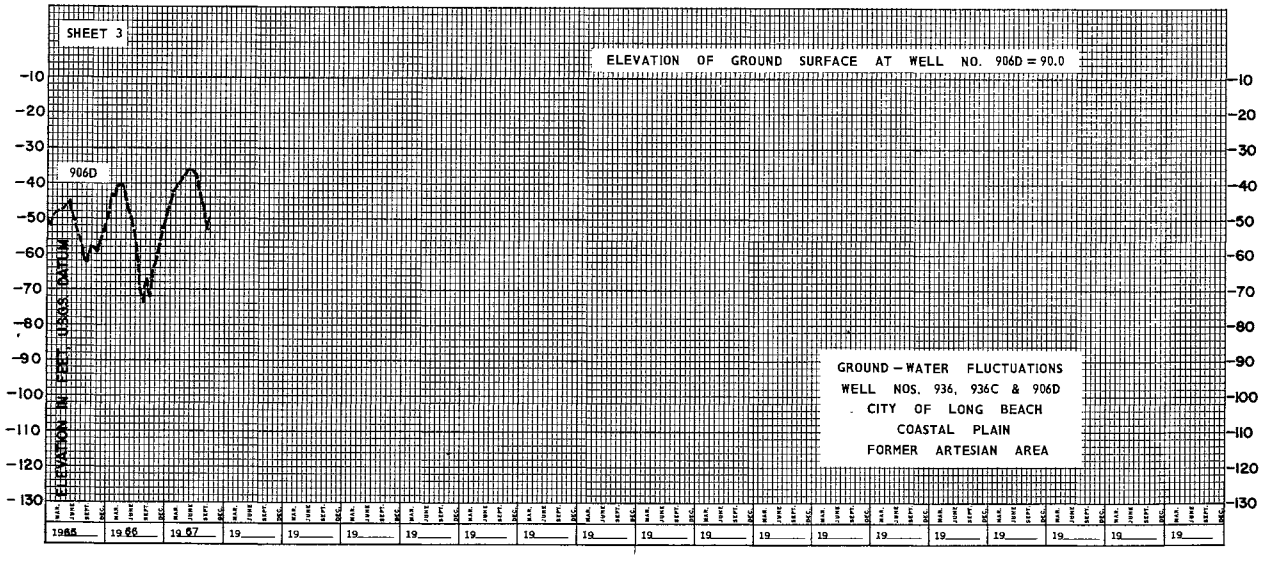

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL NO. 1620
ELEVATION OF GROUND SURFACE AT WELL NO. 1601E
ELEVATION OF GROUND SURFACE AT WELL NO. 1601P
ONE MEASUREMENT ONLY, JAN. 1904
CONTINUOUS RECORD BEGINS FEB. 1924
1620
1601E
1601P
ELEVATION IN FEET, U.S.G.S. DATUM
GROUND - WATER FLUCTUATIONS
WELL NOS. 1620 1601E & 1601P
COASTAL PLAIN-INTAKE AREA
1904 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942

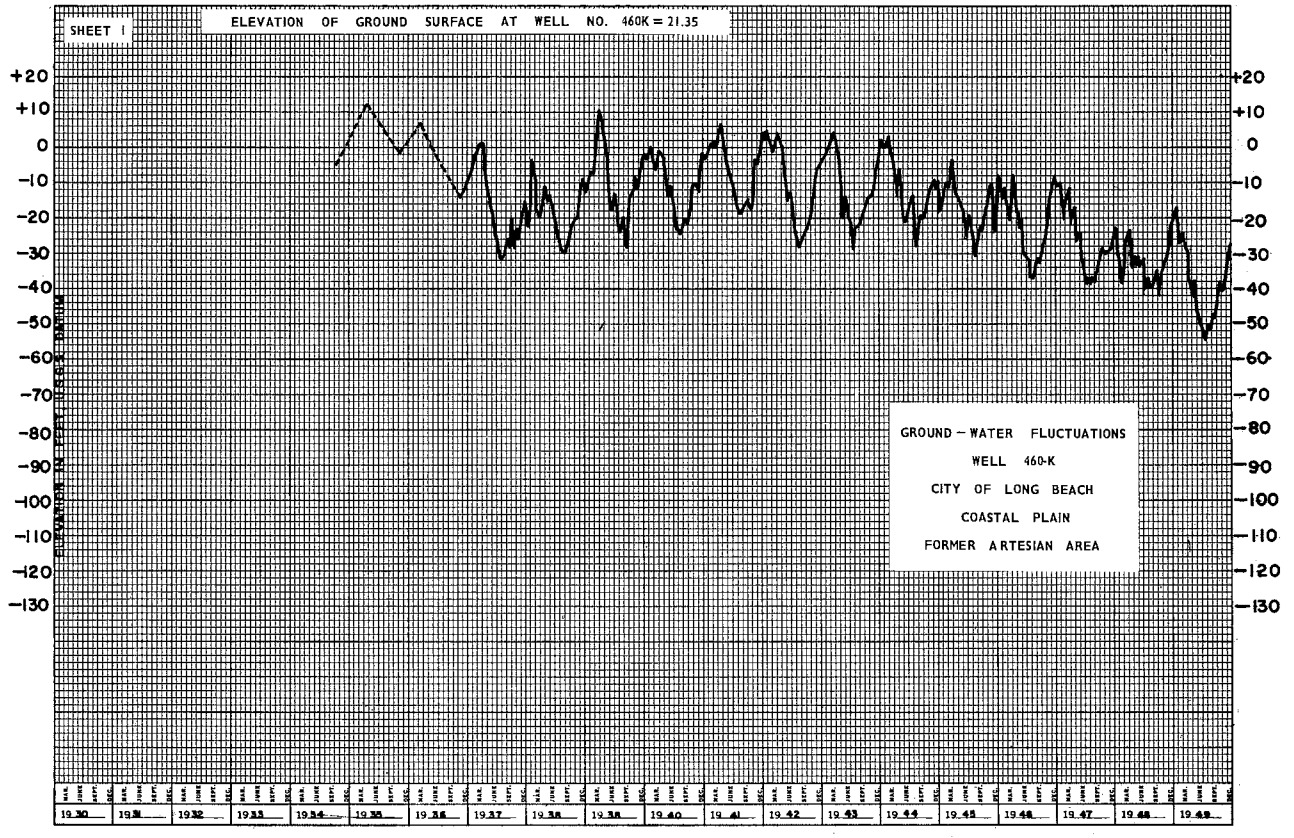

SHEET 2
1620
1601E
1601P
WELL DESTROYED
ELEVATION OF GROUND SURFACE AT WELL 1620 = 176'
ELEVATION OF GROUND SURFACE AT WELL 1601E = 164.6'
ELEVATION OF GROUND SURFACE AT WELL 1601P = 161'
GROUND - WATER FLUCTUATIONS
WELL NOS. 1620 1601E & 1601P
COASTAL PLAIN-INTAKE AREA
DRY
ELEVATION IN FEET, U.S.G.S. DATUM
1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962

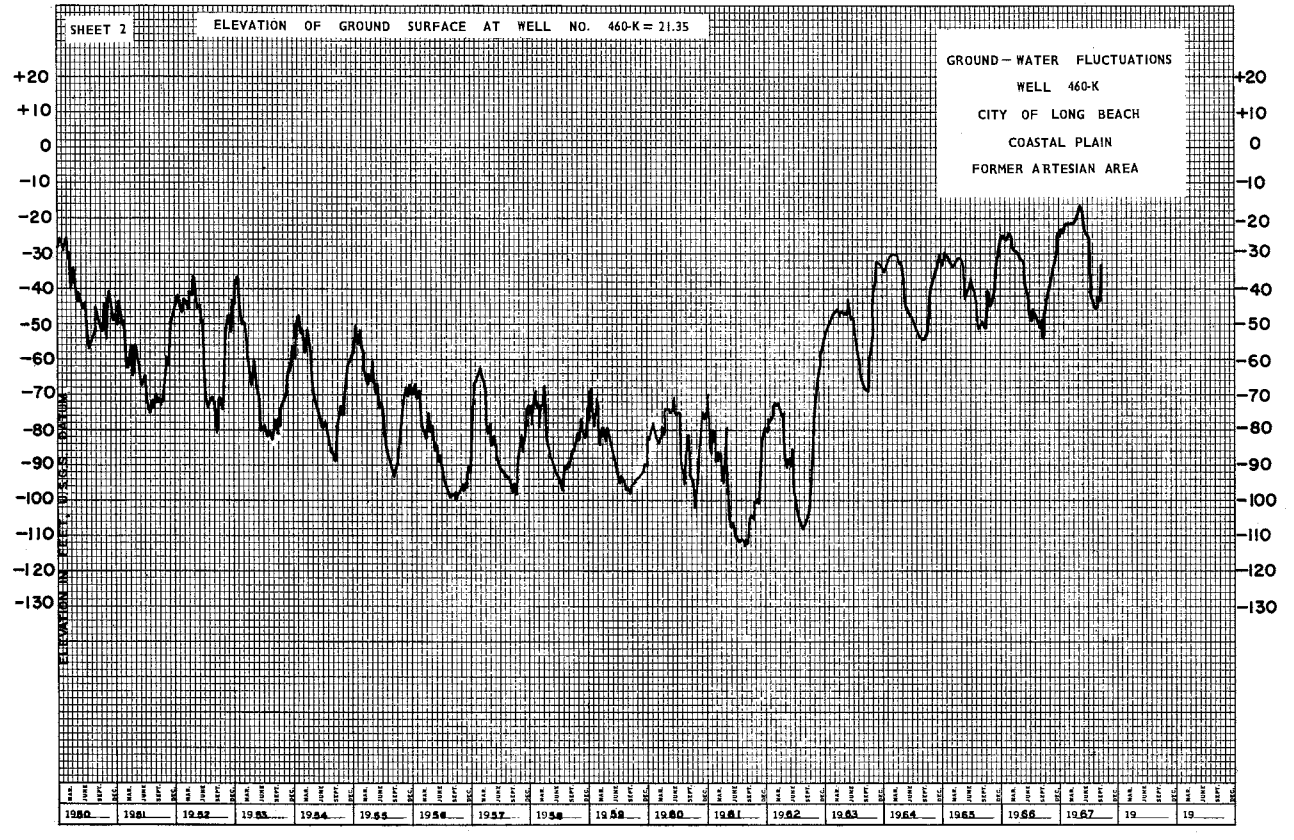

SHEET 3
ELEVATION OF GROUND SURFACE AT WELL 1601P = 161
ELEVATION OF GROUND SURFACE AT WELL 1601T = 159
1601T
1601P
GROUND - WATER FLUCTUATIONS
WELL NOS. 1620, 1601E, 1601P & 1601T
COASTAL PLAIN - INTAKE AREA
110
100
90
80
70
60
50
40
1963
1964
1965
1966
1967

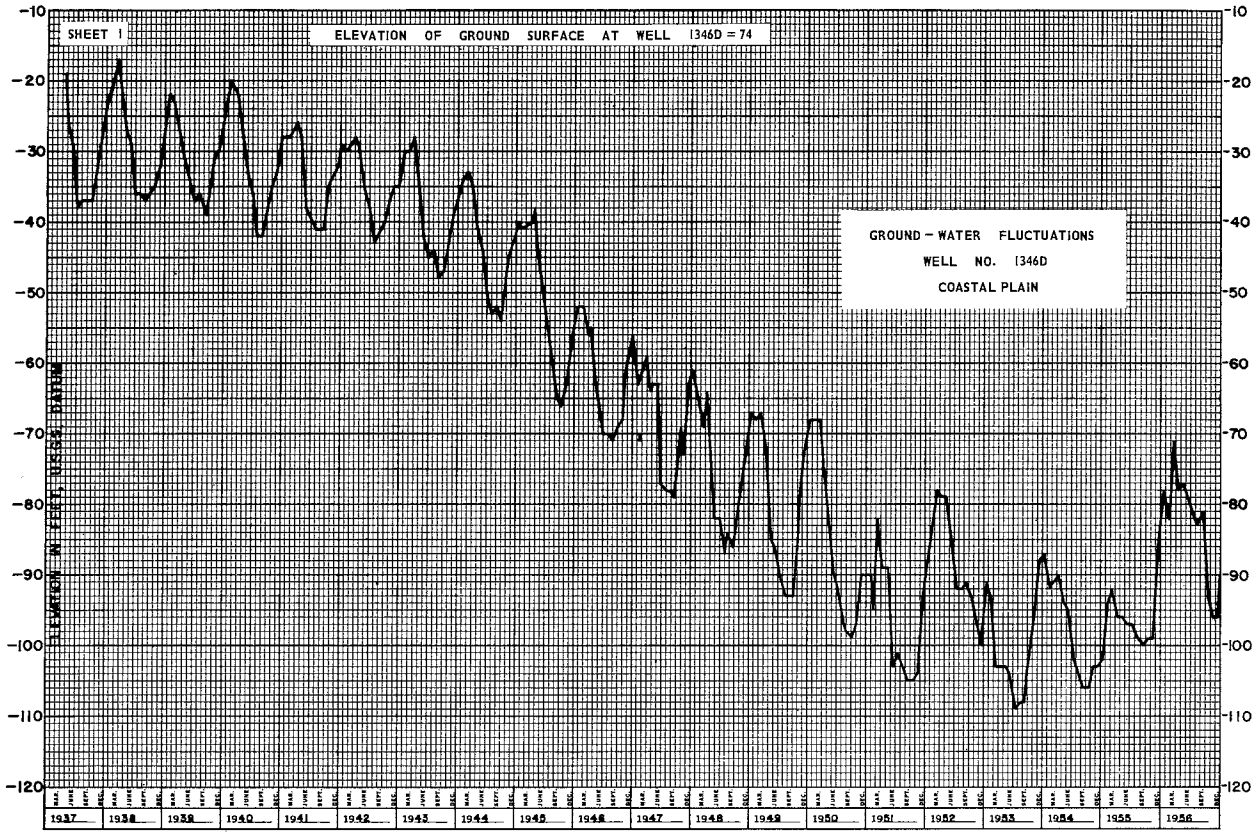

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL NO. 936 = 68.3'
ELEVATION OF GROUND SURFACE AT WELL NO. 936C = 70.0'
ELEVATION OF GROUND SURFACE AT WELL NO. 906D = 90.0'
GROUND - WATER FLUCTUATIONS
WELLS 936, 936C & 906D
CITY OF LONG BEACH
COASTAL PLAIN
FORMER ARTESIAN AREA
ELEVATION IN FEET, USGS DATUM
936
936C
936
40
30
20
10
0
-10
-20
-30
-40
-50
1925
1926
1927
1928
1929
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940
1941
1942
1943
1944

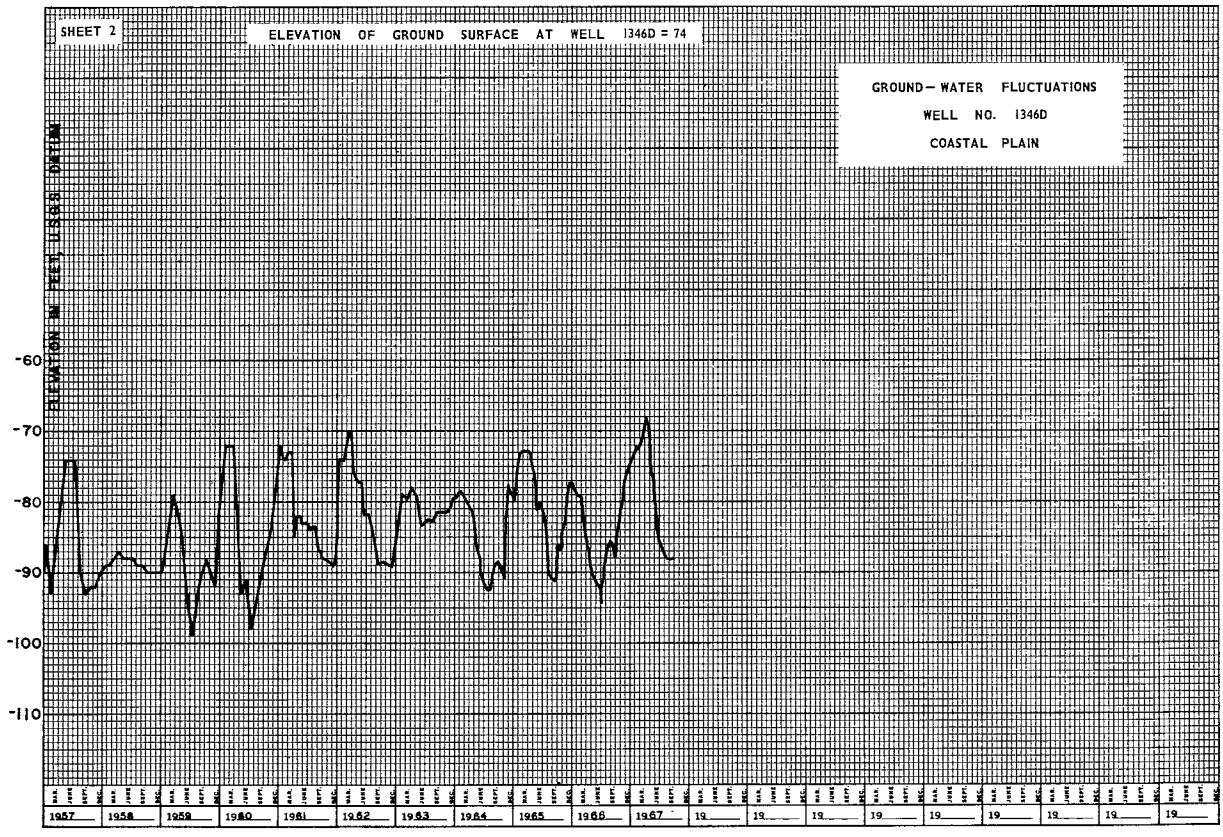

SHEET 2
GROUND-WATER FLUCTUATIONS
WELLS 936, 936C & 906D
CITY OF LONG BEACH
COASTAL PLAIN
FORMER ARTESIAN AREA
936
DESTROYED
906D
ELEVATION IN FEET, USGS DATUM
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-130
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964

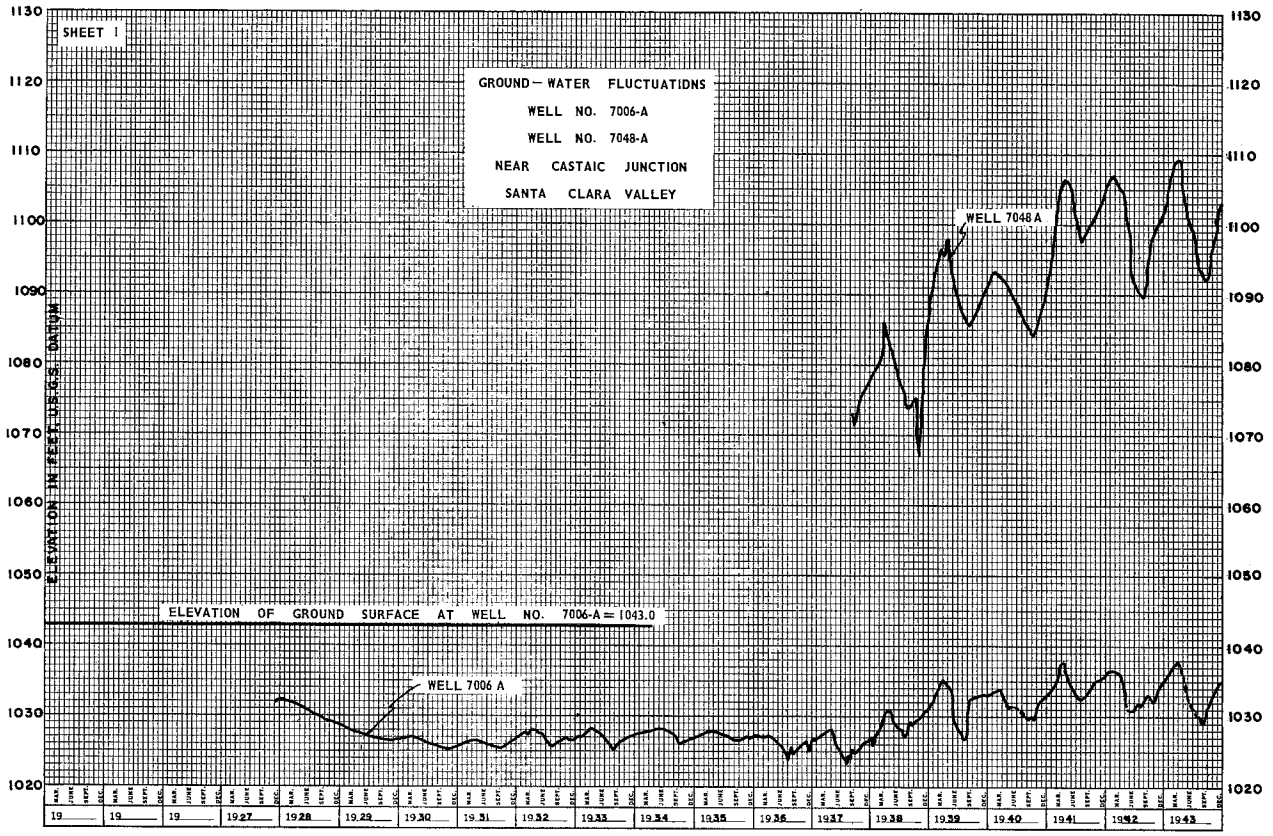

SHEET 3
ELEVATION OF GROUND SURFACE AT WELL NO. 906D = 90.0
906D
GROUND-WATER FLUCTUATIONS
WELL NOS. 936, 936C & 906D
CITY OF LONG BEACH
COASTAL PLAIN
FORMER ARTESIAN AREA
ELEVATION IN FEET, USGS DATUM
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-130
1965
1966
1967

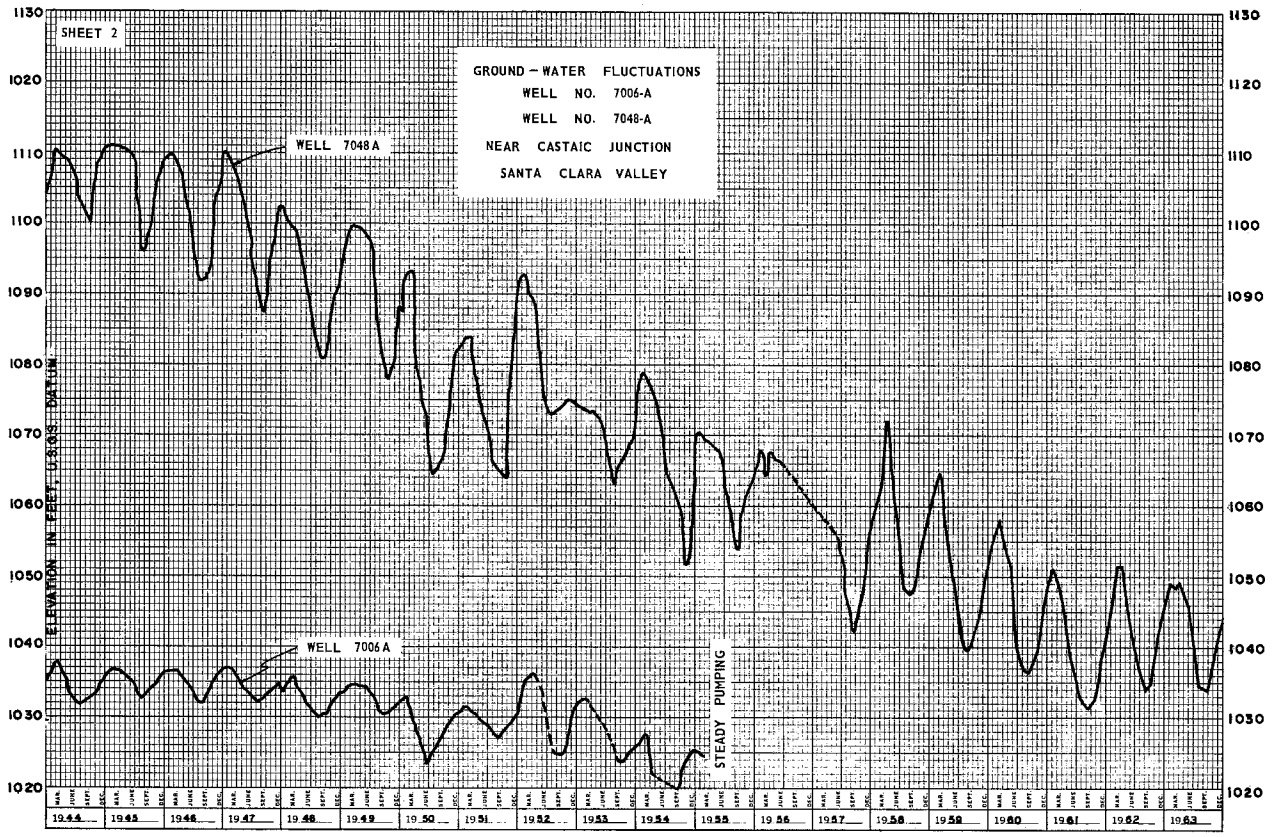

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL NO. 460K = 21.35
GROUND – WATER FLUCTUATIONS
WELL 460-K
CITY OF LONG BEACH
COASTAL PLAIN
FORMER ARTESIAN AREA
ELEVATION IN FEET, U.S.C.G.S. DATUM
+20
+10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-130
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948
1949

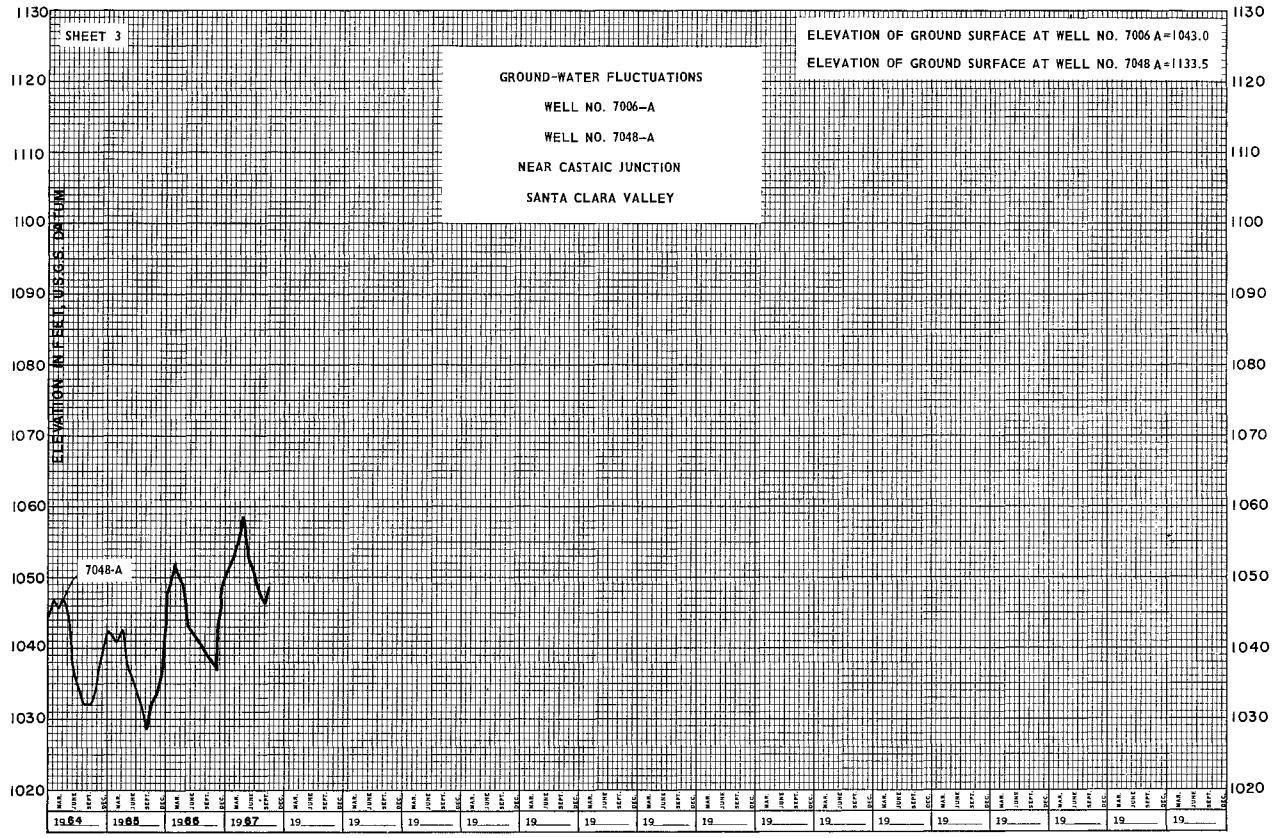

SHEET 2
ELEVATION OF GROUND SURFACE AT WELL NO. 460-K = 21.35
GROUND – WATER FLUCTUATIONS
WELL 460-K
CITY OF LONG BEACH
COASTAL PLAIN
FORMER ARTESIAN AREA
ELEVATION IN FEET, U.S.C.G.S. DATUM
+20
+10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-130
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
19
19

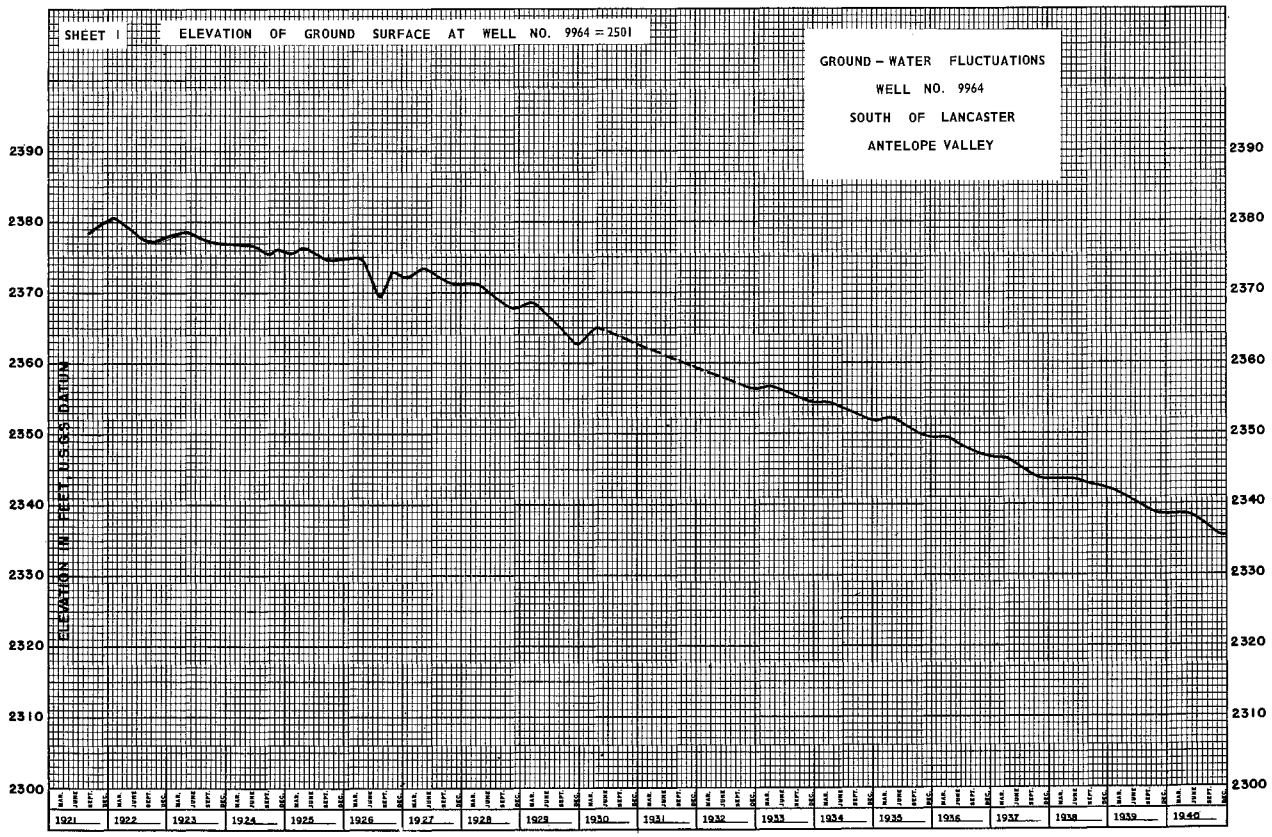

SHEET 1
ELEVATION OF GROUND SURFACE AT WELL 1346D = 74
GROUND - WATER FLUCTUATIONS
WELL NO. 1346D
COASTAL PLAIN
ELEVATION IN FEET, USGS DATUM
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
1937
1938
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956

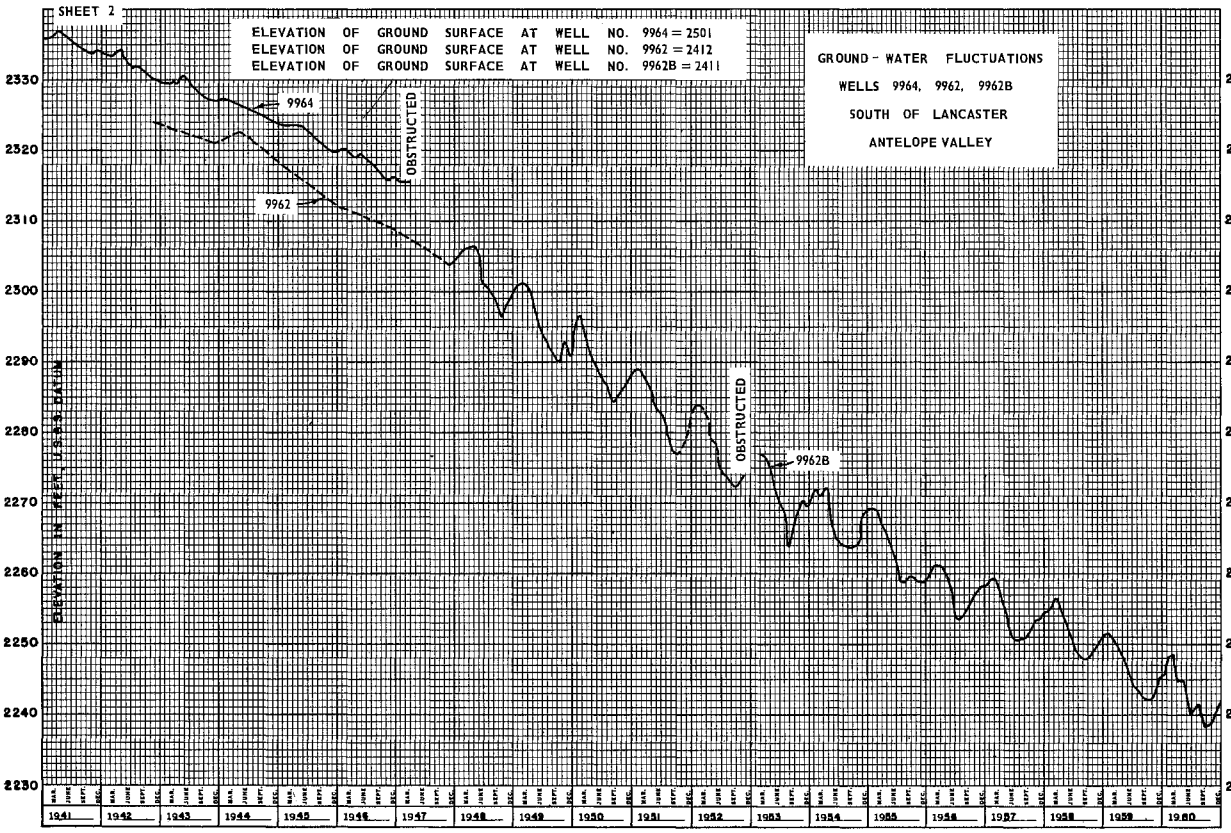

SHEET 2
ELEVATION OF GROUND SURFACE AT WELL 1346D = 74
GROUND - WATER FLUCTUATIONS
WELL NO. 1346D
COASTAL PLAIN
ELEVATION IN FEET, USGS DATUM
-60
-70
-80
-90
-100
-110
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
19
19
19
19
19
19
19
19
19

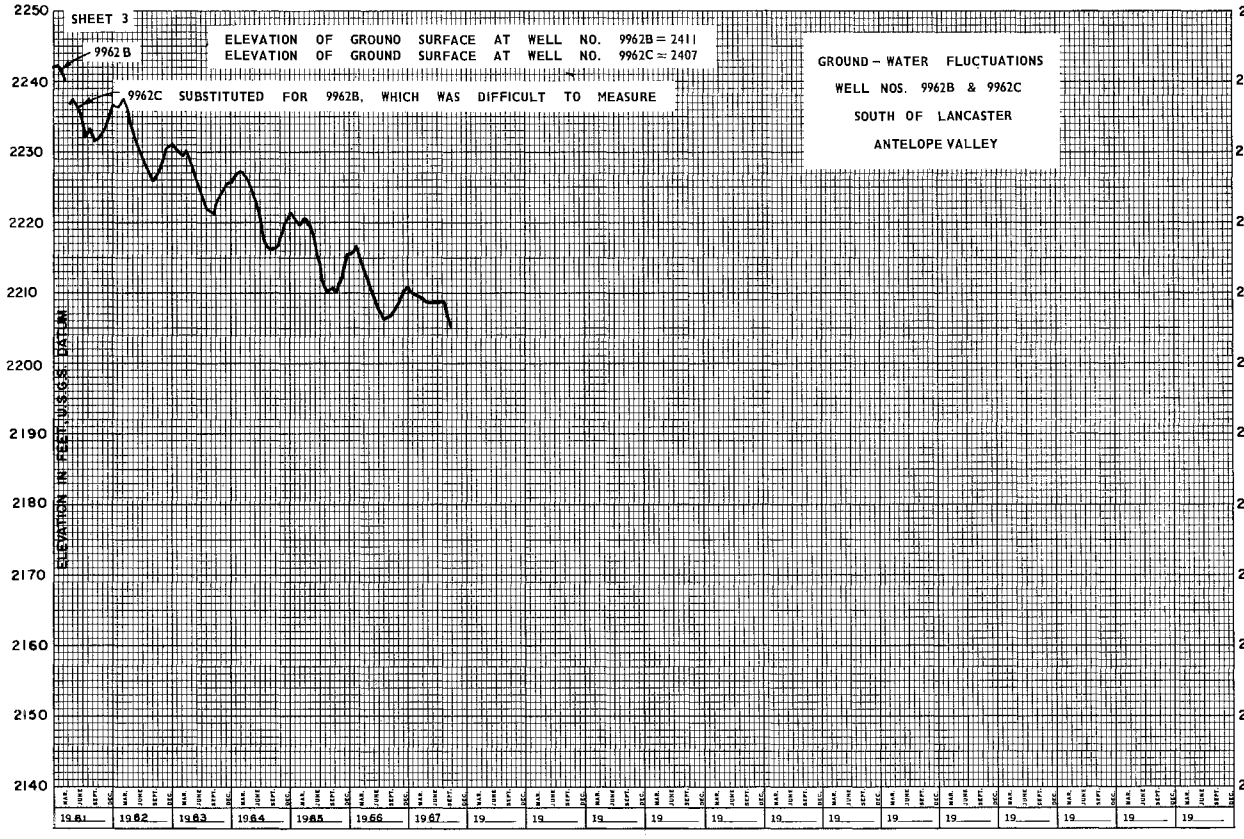

SHEET 1
GROUND – WATER FLUCTUATIONS
WELL NO. 7006-A
WELL NO. 7048-A
NEAR CASTAIC JUNCTION
SANTA CLARA VALLEY
WELL 7048 A
ELEVATION OF GROUND SURFACE AT WELL NO. 7006-A = 1043.0
WELL 7006 A
ELEVATION IN FEET, U.S.G.S. DATUM
1130
1120
1110
1100
1090
1080
1070
1060
1050
1040
1030
1020
MAR. JUNE SEPT. DEC.
19 19 19 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943

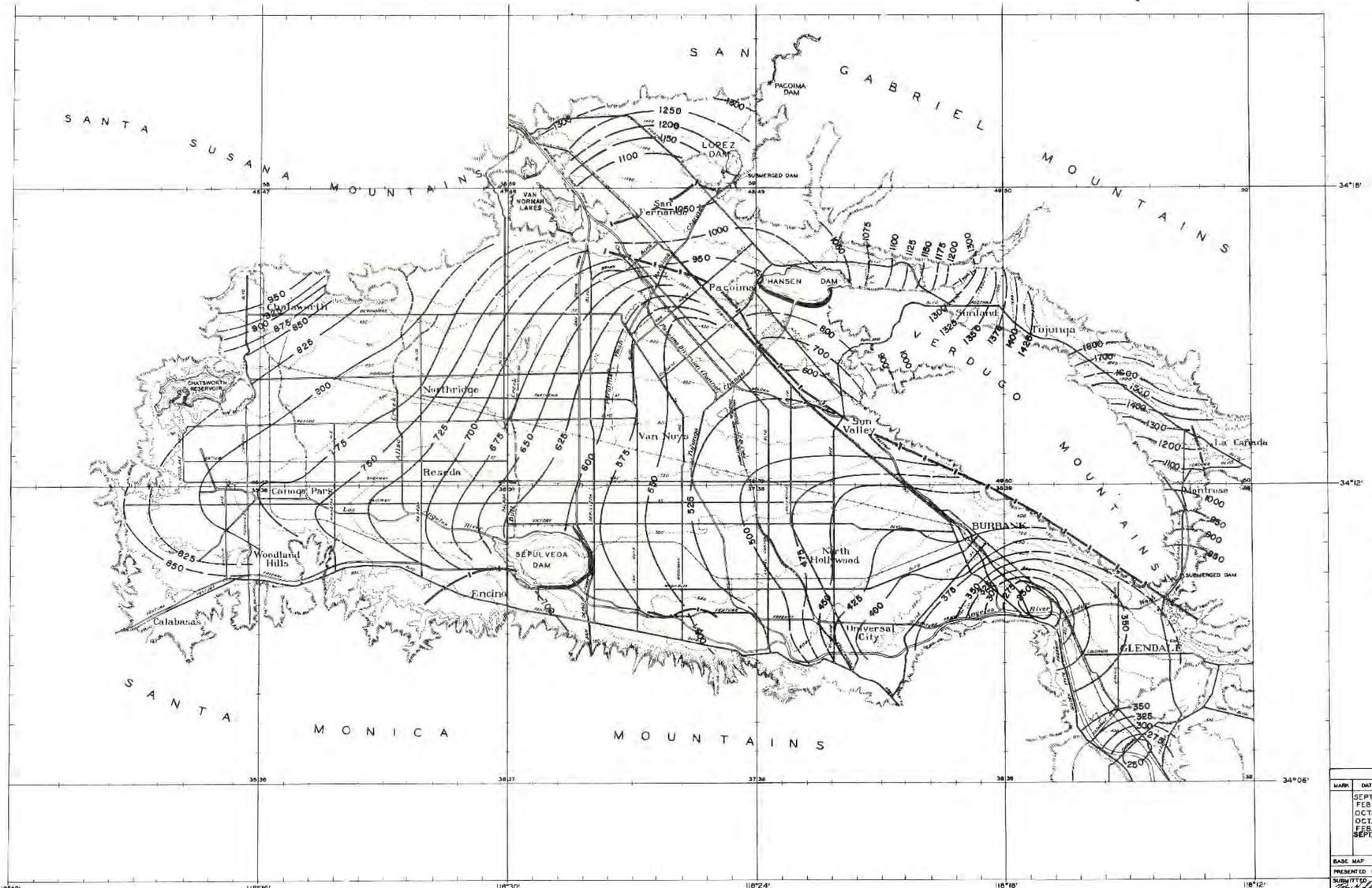

SHEET 2
GROUND – WATER FLUCTUATIONS
WELL NO. 7006-A
WELL NO. 7048-A
NEAR CASTAIC JUNCTION
SANTA CLARA VALLEY
WELL 7048 A
WELL 7006 A
STEADY PUMPING
ELEVATION IN FEET, U.S.G.S. DATUM
1130
1120
1110
1100
1090
1080
1070
1060
1050
1040
1030
1020
MAR. JUNE SEPT. DEC.
1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963


SHEET 3
GROUND-WATER FLUCTUATIONS
WELL NO. 7006-A
WELL NO. 7048-A
NEAR CASTAIC JUNCTION
SANTA CLARA VALLEY
ELEVATION OF GROUND SURFACE AT WELL NO. 7006 A = 1043.0
ELEVATION OF GROUND SURFACE AT WELL NO. 7048 A = 1133.5
ELEVATION IN FEET, U.S.G.S. DATUM
7048-A
1130
1120
1110
1100
1090
1080
1070
1060
1050
1040
1030
1020
1984
1985
1986
1987


SHEET 1
ELEVATION OF GROUND SURFACE AT WELL NO. 9964 = 2501
GROUND - WATER FLUCTUATIONS
WELL NO. 9964
SOUTH OF LANCASTER
ANTELOPE VALLEY
ELEVATION IN FEET, U.S.G.S. DATUM
2390
2380
2370
2360
2350
2340
2330
2320
2310
2300
1921
1922
1923
1924
1925
1926
1927
1928
1929
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940


SHEET 2
ELEVATION OF GROUND SURFACE AT WELL NO. 9964 = 2501
ELEVATION OF GROUND SURFACE AT WELL NO. 9962 = 2412
ELEVATION OF GROUND SURFACE AT WELL NO. 9962B = 2411
GROUND - WATER FLUCTUATIONS
WELLS 9964, 9962, 9962B
SOUTH OF LANCASTER
ANTELOPE VALLEY
9964
9962
9962B
OBSTRUCTED
OBSTRUCTED
ELEVATION IN FEET, U.S.G.S. DATUM
2330
2320
2310
2300
2290
2280
2270
2260
2250
2240
2230
1941
1942
1943
1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960

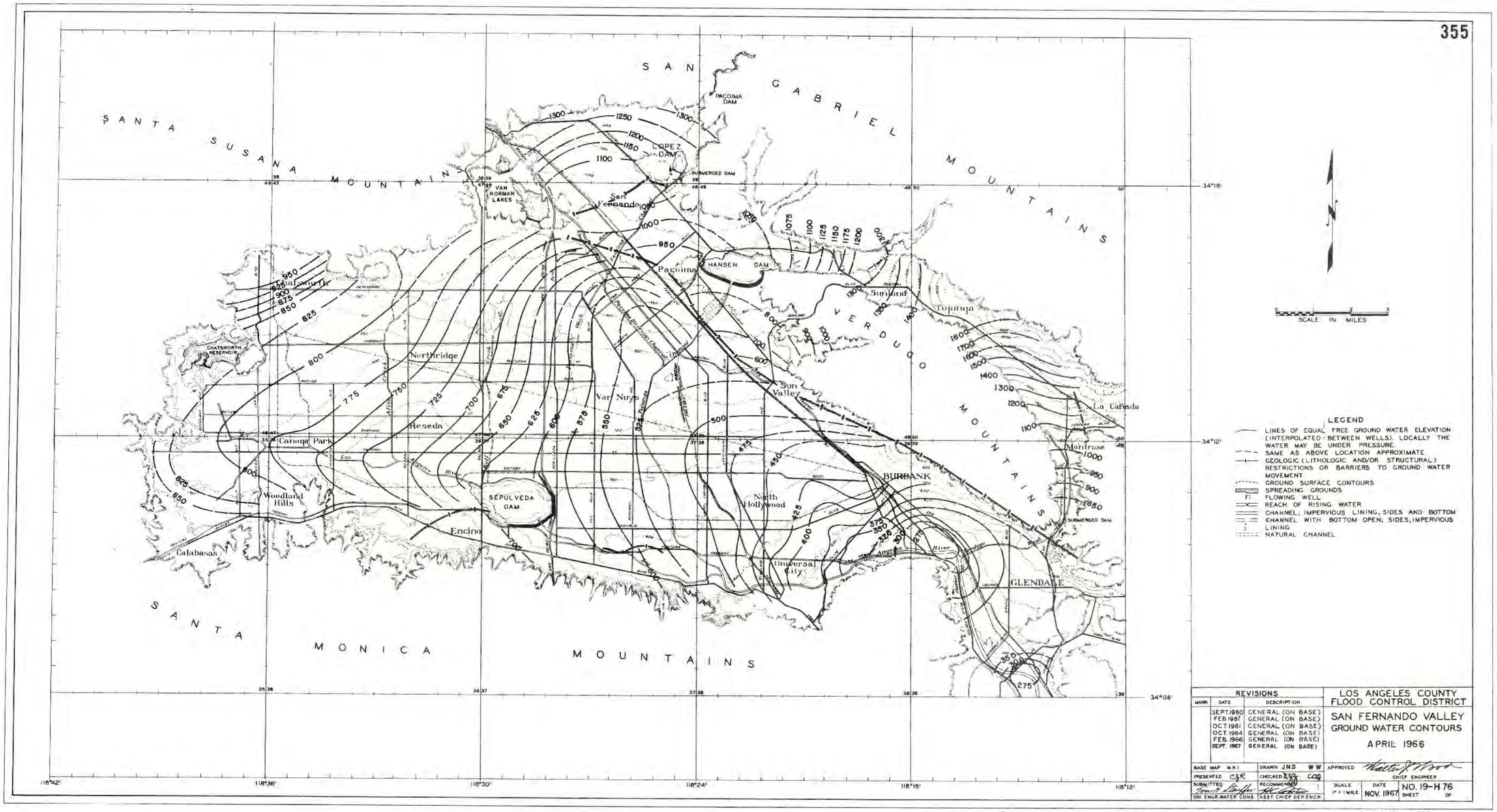

SHEET 3
ELEVATION OF GROUNO SURFACE AT WELL NO. 9962B = 2411
ELEVATION OF GROUND SURFACE AT WELL NO. 9962C ≈ 2407
9962B
9962C SUBSTITUTED FOR 9962B, WHICH WAS DIFFICULT TO MEASURE
GROUND - WATER FLUCTUATIONS
WELL NOS. 9962B & 9962C
SOUTH OF LANCASTER
ANTELOPE VALLEY
ELEVATION IN FEET, U.S.G.S. DATUM
2250
2240
2230
2220
2210
2200
2190
2180
2170
2160
2150
2140
1961
1962
1963
1964
1965
1966
1967



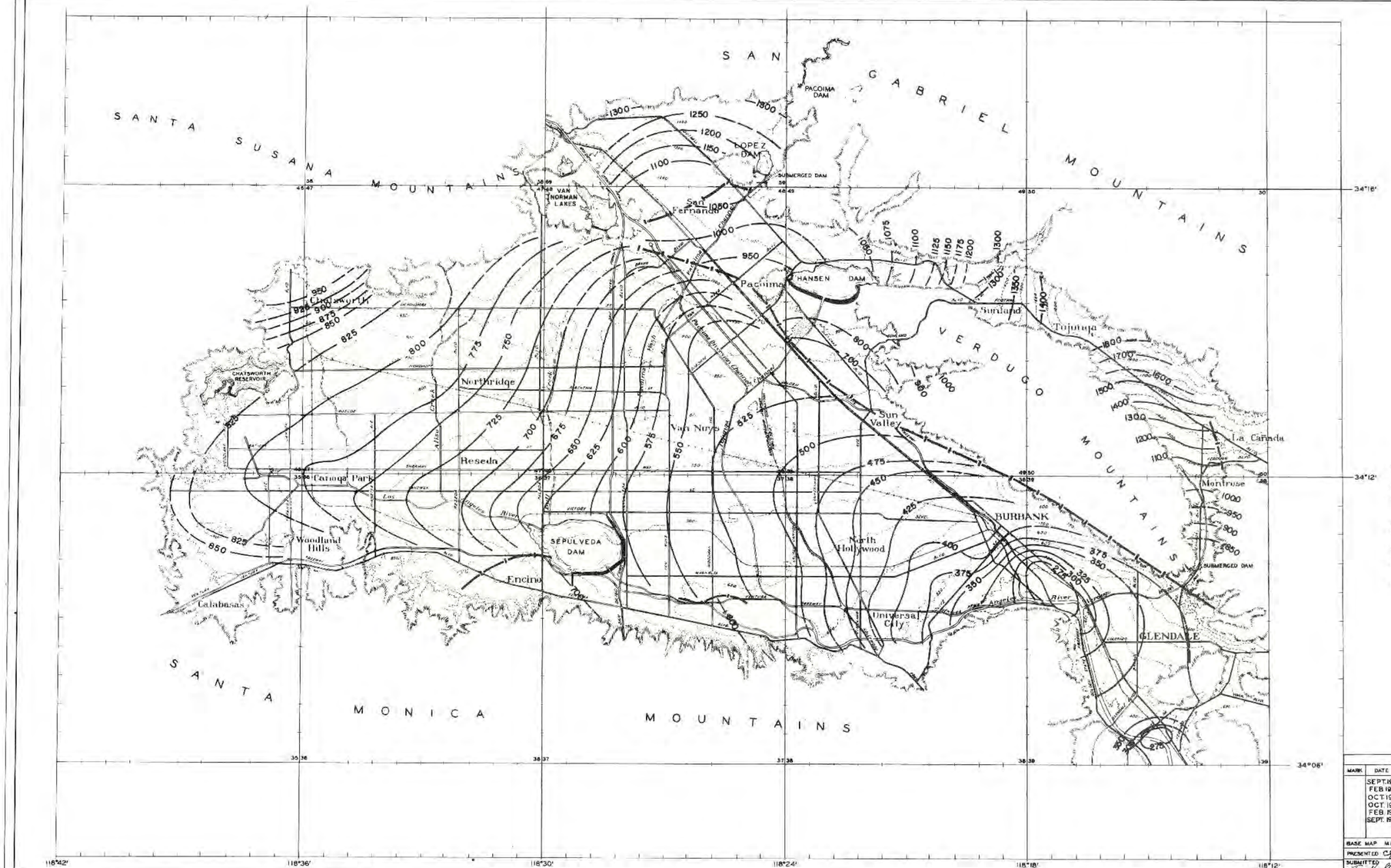
REVISIONS			LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
MARK	DATE	DESCRIPTION	
	SEPT. 1960	GENERAL (ON BASE)	SAN FERNANDO VALLEY GROUND WATER CONTOURS
	FEB. 1961	GENERAL (ON BASE)	
	OCT. 1961	GENERAL (ON BASE)	NOVEMBER 1965
	OCT. 1964	GENERAL (ON BASE)	
	FEB. 1966	GENERAL (ON BASE)	
	SEPT. 1967	GENERAL (ON BASE)	

BASE MAP M.K.| DRAWN JNS WW | APPROVED _____ ENGINEER
PRESENTED C.J.R. | CHECKED E.B.C. C.C.G.
SUBMITTED _____ DIV. ENGR. WATER CONS. | RECOMMENDED _____ ASST. CHIEF DEP. ENGR.
SCALE 1" = 1 MILE | DATE NOV. 1967 | NO. 19-H75 SHEET OF

MAP VI


SAN GABRIEL MOUNTAINS
SANTA SUSANA MOUNTAINS
SANTA MONICA MOUNTAINS
VERDUGO MOUNTAINS
PACOIMA DAM
LOPEZ DAM
SUBMERGED DAM
VAN NORMAN LAKES
San Fernando
Pacoima
HANSEN DAM
Sunland
Tujunga
La Cañada
Montrose
Chatsworth
CHATSWORTH RESERVOIR
Northridge
Reseda
Canoga Park
Woodland Hills
Calabasas
Encino
SEPULVEDA DAM
Van Nuys
Sun Valley
North Hollywood
Universal City
BURBANK
GLENDALE
SCALE IN MILES
LEGEND
LINES OF EQUAL FREE GROUND WATER ELEVATION (INTERPOLATED BETWEEN WELLS). LOCALLY THE WATER MAY BE UNDER PRESSURE.
SAME AS ABOVE LOCATION APPROXIMATE
GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND WATER MOVEMENT
GROUND SURFACE CONTOURS
SPREADING GROUNDS
FLOWING WELL
REACH OF RISING WATER
CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
NATURAL CHANNEL
REVISIONS
MARK DATE DESCRIPTION
SEPT. 1960 GENERAL (ON BASE)
FEB 1961 GENERAL (ON BASE)
OCT. 1961 GENERAL (ON BASE)
OCT. 1964 GENERAL (ON BASE)
FEB. 1966 GENERAL (ON BASE)
SEPT. 1967 GENERAL (ON BASE)
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
SAN FERNANDO VALLEY GROUND WATER CONTOURS
APRIL 1966
BASE MAP M.K.I.
DRAWN JNS WW
PRESENTED CJR
CHECKED EJG COG
SUBMITTED
RECOMMENDED
DIV. ENGR. WATER CONS.
ASST. CHIEF DEP. ENGR.
APPROVED
CHIEF ENGINEER
SCALE 1" = 1 MILE
DATE NOV. 1967
NO. 19-H 76
SHEET OF

MAP VII



SCALE IN MILES

LEGEND

- LINES OF EQUAL FREE GROUND WATER ELEVATION (INTERPOLATED BETWEEN WELLS). LOCALLY THE WATER MAY BE UNDER PRESSURE.
- SAME AS ABOVE LOCATION APPROXIMATE.
- GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND WATER MOVEMENT.
- GROUND SURFACE CONTOURS
- SPREADING GROUNDS
- FLOWING WELL
- REACH OF RISING WATER
- CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
- CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
- NATURAL CHANNEL

REVISIONS		
MARK	DATE	DESCRIPTION
	SEPT. 1960	GENERAL (ON BASE)
	FEB. 1961	GENERAL (ON BASE)
	OCT. 1961	GENERAL (ON BASE)
	OCT. 1964	GENERAL (ON BASE)
	FEB. 1966	GENERAL (ON BASE)
	SEPT. 1967	GENERAL (ON BASE)

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

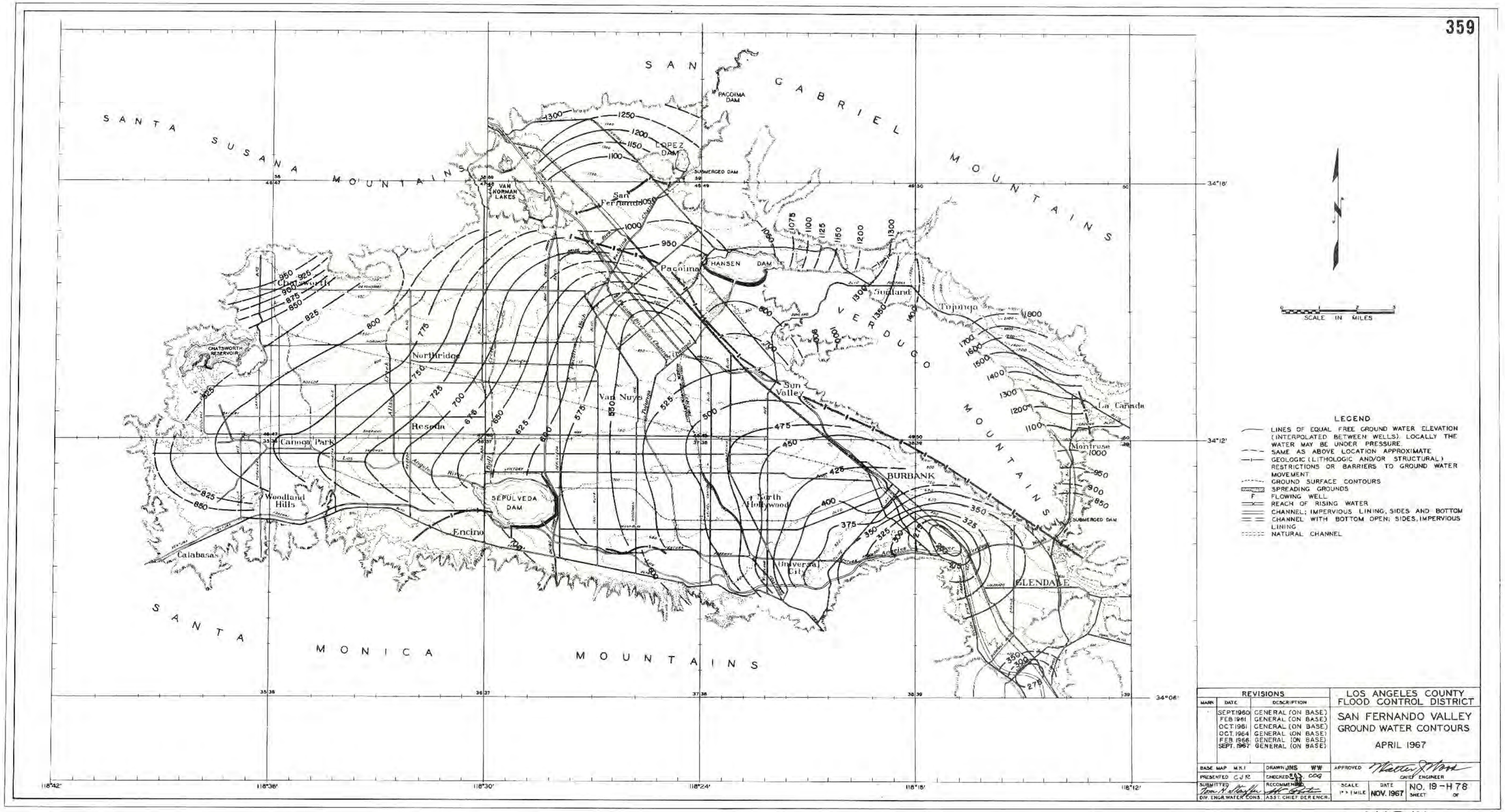
SAN FERNANDO VALLEY GROUND WATER CONTOURS NOVEMBER 1966

BASE MAP M.K.I. | DRAWN JNS WW | CHECKED EJS CCG | PRESENTED C&R | SUBMITTED | RECOMMENDED | DIV. ENGR. WATER CONS | ASST. CHIEF DEP. ENGR.

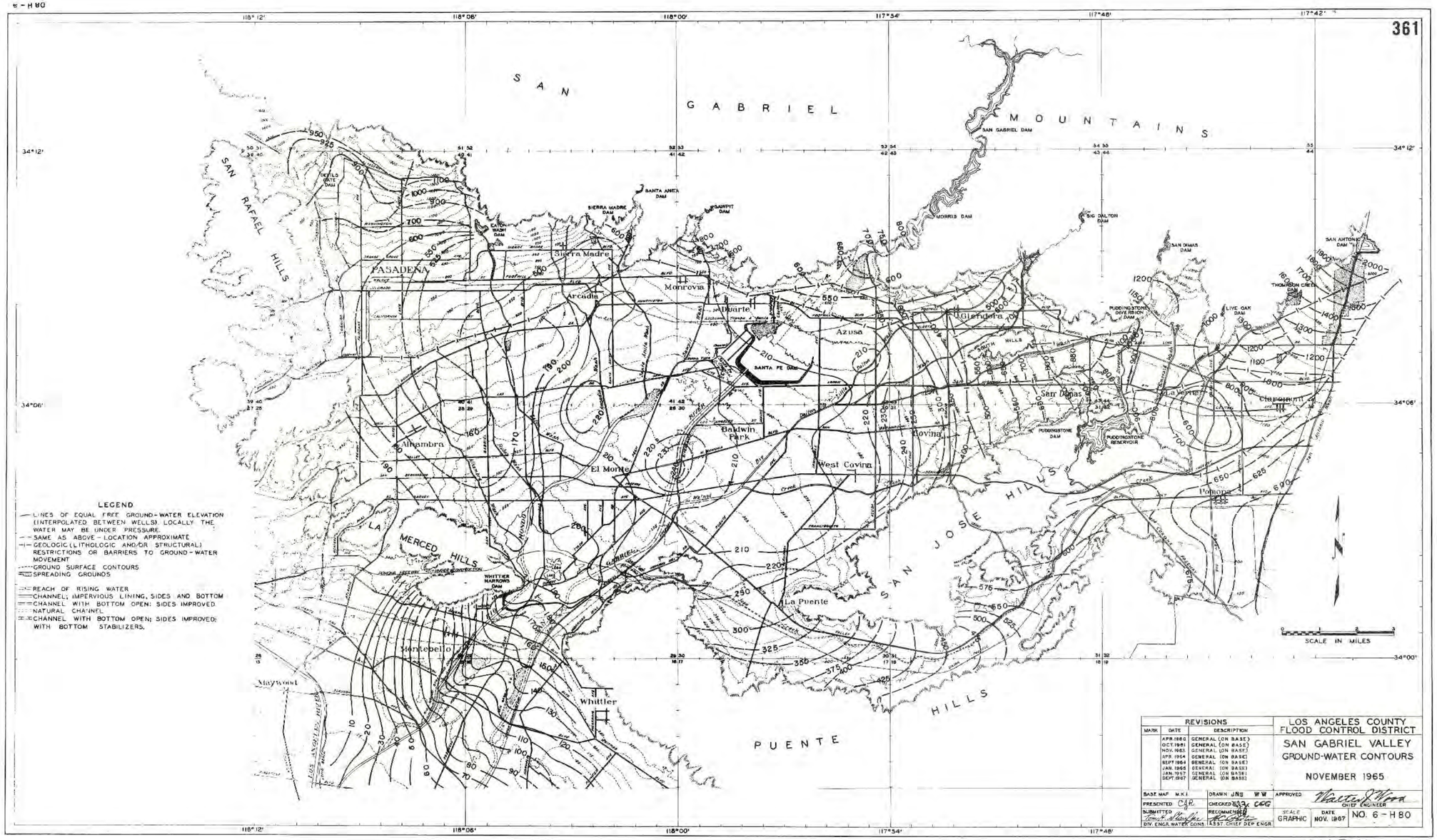
APPROVED Walter E. Wood, CHIEF ENGINEER

SCALE 1" = 1 MILE | DATE NOV. 1967 | NO. 19-H77 | SHEET OF

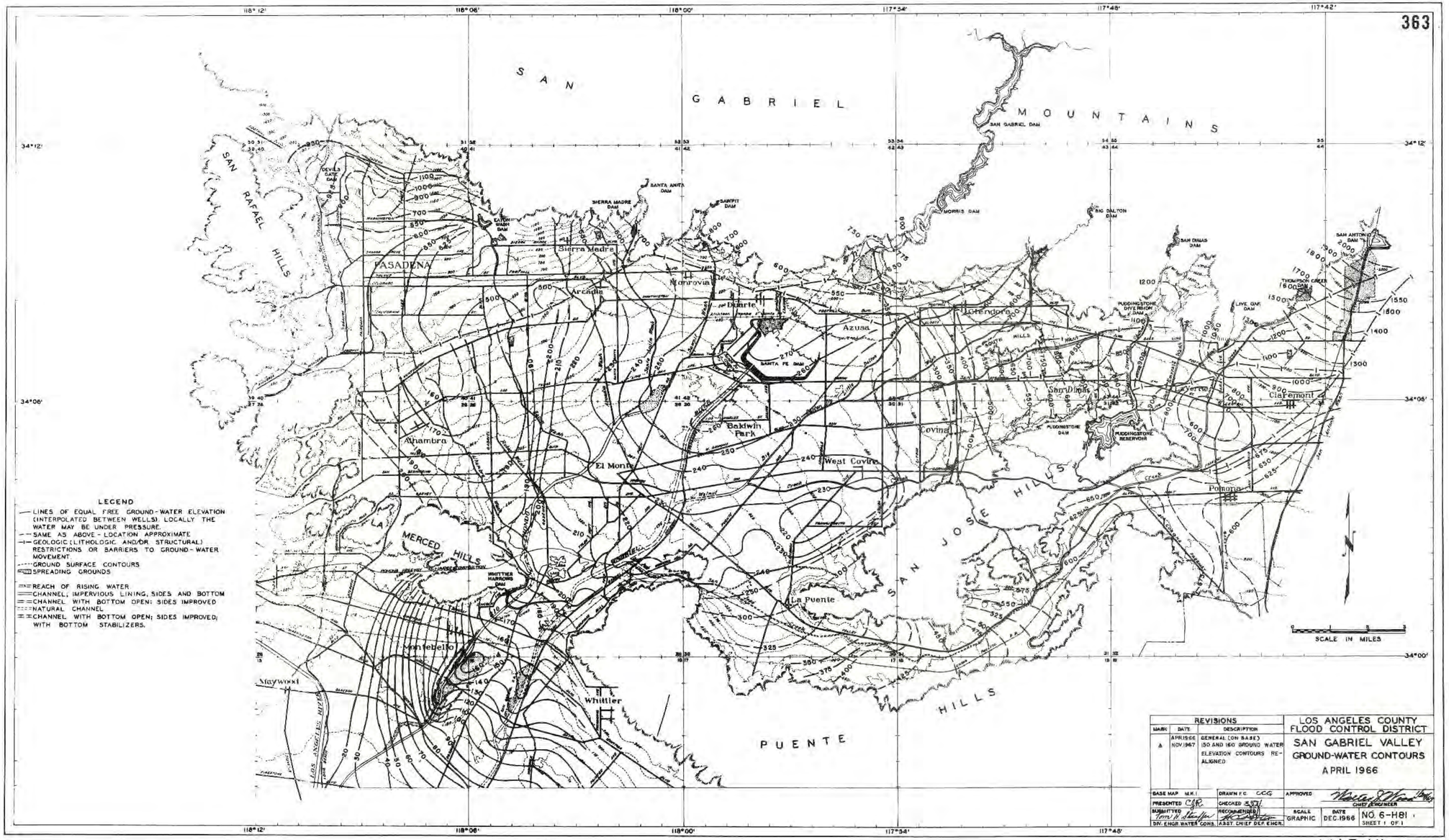
MAP VIII


SAN GABRIEL MOUNTAINS
SANTA SUSANA MOUNTAINS
SANTA MONICA MOUNTAINS
VERDUGO MOUNTAINS
PACOIMA DAM
LOPEZ DAM
SUBMERGED DAM
VAN NORMAN LAKES
San Fernando
Pacoima
HANSEN DAM
Sunland
Tujunga
La Cañada
Montrose
Chatsworth
CHATSWORTH RESERVOIR
Northridge
Van Nuys
Sun Valley
Reseda
Canoga Park
Woodland Hills
Calabasas
SEPULVEDA DAM
Encino
North Hollywood
BURBANK
Universal City
GLENDALE
SCALE IN MILES
LEGEND
LINES OF EQUAL FREE GROUND WATER ELEVATION (INTERPOLATED BETWEEN WELLS). LOCALLY THE WATER MAY BE UNDER PRESSURE.
SAME AS ABOVE LOCATION APPROXIMATE
GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND WATER MOVEMENT
GROUND SURFACE CONTOURS
SPREADING GROUNDS
FLOWING WELL
REACH OF RISING WATER
CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
NATURAL CHANNEL
REVISIONS
MARK DATE DESCRIPTION
SEPT. 1960 GENERAL (ON BASE)
FEB. 1961 GENERAL (ON BASE)
OCT. 1961 GENERAL (ON BASE)
OCT. 1964 GENERAL (ON BASE)
FEB. 1966 GENERAL (ON BASE)
SEPT. 1967 GENERAL (ON BASE)
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
SAN FERNANDO VALLEY GROUND WATER CONTOURS
APRIL 1967
BASE MAP M.K.I.
DRAWN JNS WW
PRESENTED C.J.R.
CHECKED
APPROVED
CHIEF ENGINEER
SUBMITTED
DIV. ENGR. WATER CONS.
RECOMMENDED
ASST. CHIEF DEP. ENGR.
SCALE 1" = 1 MILE
DATE NOV. 1967
NO. 19-H 78
SHEET OF

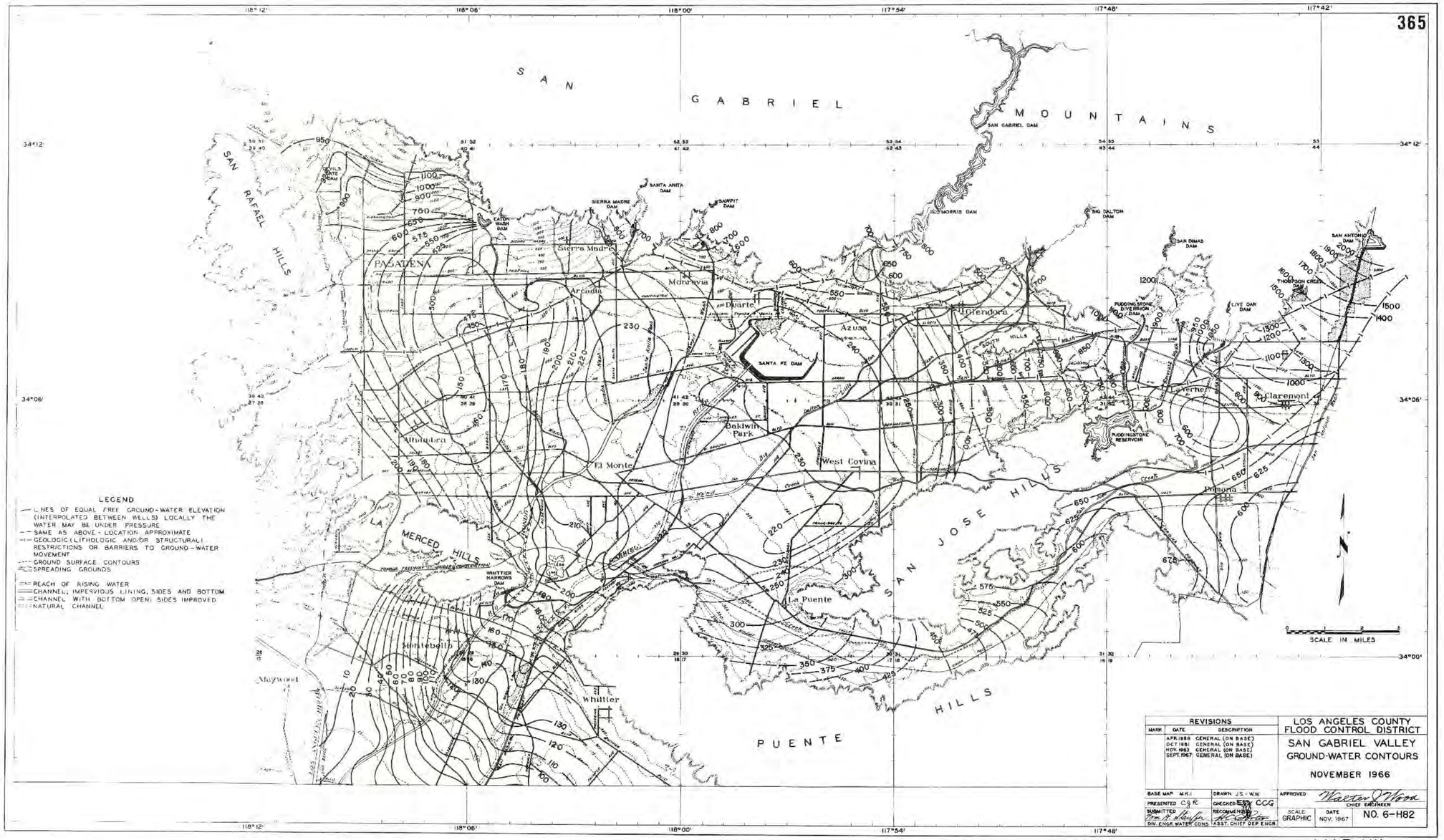
MAP IX


361
SAN GABRIEL MOUNTAINS
SAN RAFAEL HILLS
LA MERCED HILLS
SAN JOSE HILLS
PUENTE HILLS
PASADENA
Sierra Madre
Arcadia
Monrovia
Duarte
Azusa
Glendora
San Dimas
La Verne
Claremont
Pomona
Covina
West Covina
Baldwin Park
El Monte
Alhambra
La Puente
Montebello
Maywood
Whittier
SANTA FE DAM
SAN GABRIEL DAM
MORRIS DAM
SIG DALTON DAM
SAN DIMAS DAM
LIVE OAK DAM
SAN ANTONIO DAM
THOMPSON CREEK DAM
PUDDINGSTONE DIVERSION DAM
PUDDINGSTONE DAM
PUDDINGSTONE RESERVOIR
SANTA ANITA DAM
SIERRA MADRE DAM
EATON WASH DAM
WHITTIER NARROWS DAM
LOS ANGELES RIVER
SCALE IN MILES
LEGEND
LINES OF EQUAL FREE GROUND-WATER ELEVATION (INTERPOLATED BETWEEN WELLS). LOCALLY THE WATER MAY BE UNDER PRESSURE.
SAME AS ABOVE - LOCATION APPROXIMATE
GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
GROUND SURFACE CONTOURS
SPREADING GROUNDS
REACH OF RISING WATER
CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
CHANNEL WITH BOTTOM OPEN; SIDES IMPROVED
NATURAL CHANNEL
CHANNEL WITH BOTTOM OPEN; SIDES IMPROVED; WITH BOTTOM STABILIZERS.
REVISIONS
MARK DATE DESCRIPTION
APR. 1960 GENERAL (ON BASE)
OCT. 1961 GENERAL (ON BASE)
NOV. 1963 GENERAL (ON BASE)
APR. 1964 GENERAL (ON BASE)
SEPT. 1964 GENERAL (ON BASE)
JAN. 1965 GENERAL (ON BASE)
JAN. 1967 GENERAL (ON BASE)
SEPT. 1967 GENERAL (ON BASE)
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
SAN GABRIEL VALLEY
GROUND-WATER CONTOURS
NOVEMBER 1965
BASE MAP M.K.I.
DRAWN JNS WW
APPROVED Walter J. Wood
CHIEF ENGINEER
PRESENTED CJR
CHECKED
SUBMITTED
RECOMMENDED
DIV. ENGR. WATER CONS.
ASST. CHIEF DEP. ENGR.
SCALE GRAPHIC
DATE NOV. 1967
NO. 6 - H 80

MAP X


363
SAN GABRIEL MOUNTAINS
SAN RAFAEL HILLS
LA MERCED HILLS
SAN JOSE HILLS
PUENTE HILLS
PASADENA
Sierra Madre
Arcadia
Monrovia
Duarte
Azusa
Glendora
San Dimas
La Verne
Claremont
Pomona
Covina
West Covina
Baldwin Park
El Monte
Alhambra
La Puente
Montebello
Maywood
Whittier
SAN GABRIEL DAM
MORRIS DAM
SAN DIMAS DAM
SAN ANTONIO DAM
THOMPSON CREEK DAM
LIVE OAK DAM
PUDDINGSTONE DIVERSION DAM
PUDDINGSTONE DAM
PUDDINGSTONE RESERVOIR
SANTA FE DAM
SANTA ANITA DAM
SAWPIT DAM
SIERRA MADRE DAM
EATON WASH DAM
DEVILS GATE DAM
WHITTIER NARROWS DAM
LOS ANGELES RIVER
SCALE IN MILES
LEGEND
LINES OF EQUAL FREE GROUND-WATER ELEVATION (INTERPOLATED BETWEEN WELLS). LOCALLY THE WATER MAY BE UNDER PRESSURE.
SAME AS ABOVE - LOCATION APPROXIMATE
GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
GROUND SURFACE CONTOURS
SPREADING GROUNDS
REACH OF RISING WATER
CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
CHANNEL WITH BOTTOM OPEN; SIDES IMPROVED
NATURAL CHANNEL
CHANNEL WITH BOTTOM OPEN; SIDES IMPROVED; WITH BOTTOM STABILIZERS.
REVISIONS
MARK | DATE | DESCRIPTION
A | APR 1966 NOV 1967 | GENERAL (ON BASE) 150 AND 160 GROUND WATER ELEVATION CONTOURS RE-ALIGNED
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
SAN GABRIEL VALLEY
GROUND-WATER CONTOURS
APRIL 1966
BASE MAP M.K.I.
DRAWN F.C. CCG
APPROVED
PRESENTED CJR
CHECKED
SUBMITTED
RECOMMENDED
DIV. ENGR. WATER CONS.
ASST. CHIEF DEP. ENGR.
CHIEF ENGINEER
SCALE GRAPHIC
DATE DEC. 1966
NO. 6-H81
SHEET 1 OF 1

MAP XI 18H-a



LEGEND

- LINES OF EQUAL FREE GROUND-WATER ELEVATION (INTERPOLATED BETWEEN WELLS) LOCALLY THE WATER MAY BE UNDER PRESSURE
- SAME AS ABOVE - LOCATION APPROXIMATE
- GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
- GROUND SURFACE CONTOURS
- SPREADING GROUNDS
- REACH OF RISING WATER
- CHANNEL, IMPERVIOUS LINING, SIDES AND BOTTOM
- CHANNEL WITH BOTTOM OPEN, SIDES IMPROVED
- NATURAL CHANNEL

REVISIONS		
MARK	DATE	DESCRIPTION
	APR. 1958	GENERAL (ON BASE)
	OCT. 1961	GENERAL (ON BASE)
	NOV. 1963	GENERAL (ON BASE)
	SEPT. 1967	GENERAL (ON BASE)

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

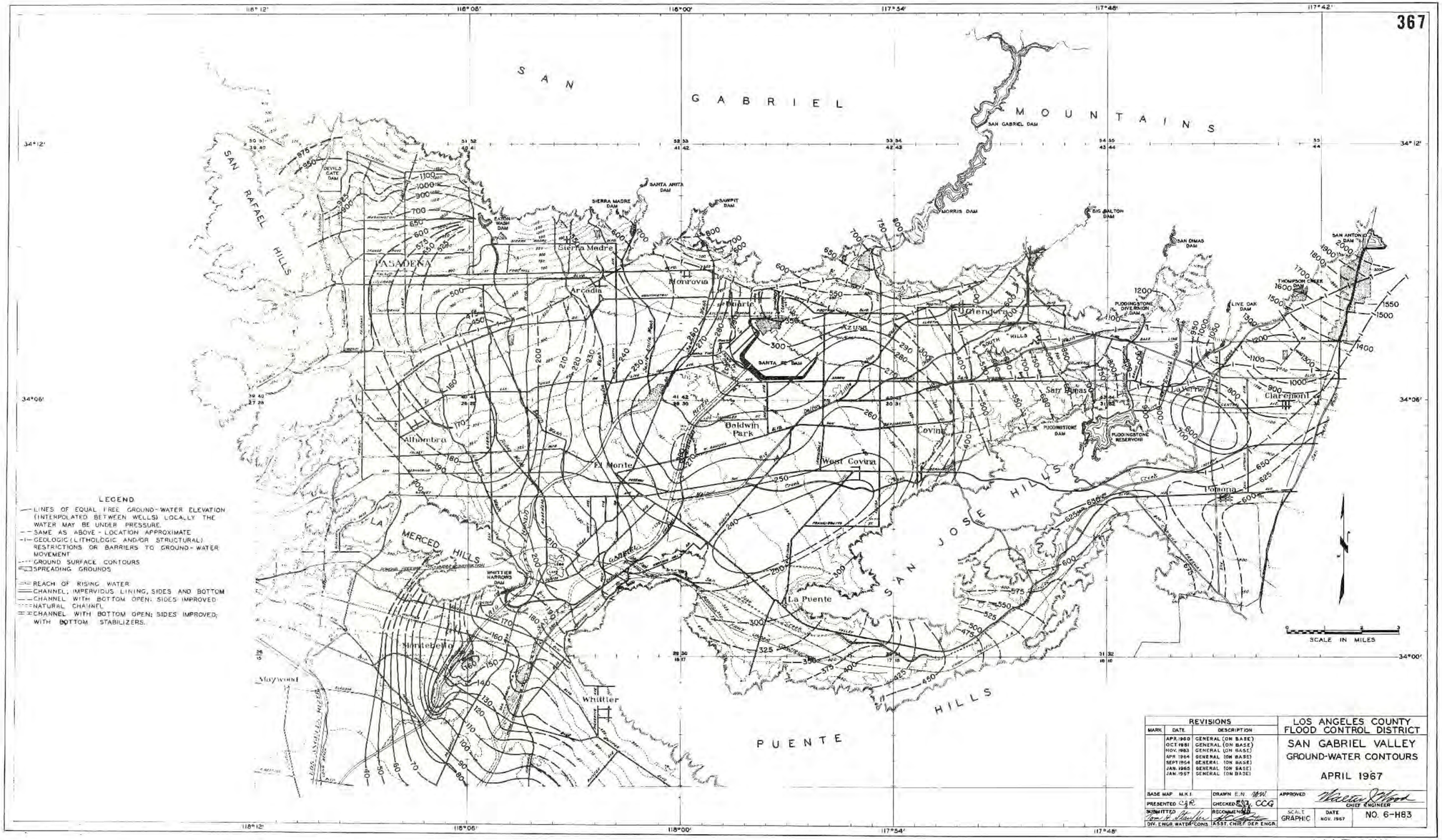
SAN GABRIEL VALLEY GROUND-WATER CONTOURS

NOVEMBER 1966

BASE MAP M.K.I.	DRAWN J.S. - W.W.	APPROVED Walter J. Wood CHIEF ENGINEER	
PRESENTED C.G.R.	CHECKED E.S.V. CCG		
SUBMITTED DIV. ENGR. WATER CONS.	RECOMMENDED ASST. CHIEF DEP. ENGR.	SCALE GRAPHIC	DATE NOV. 1967

NO. 6-H82

MAP XII



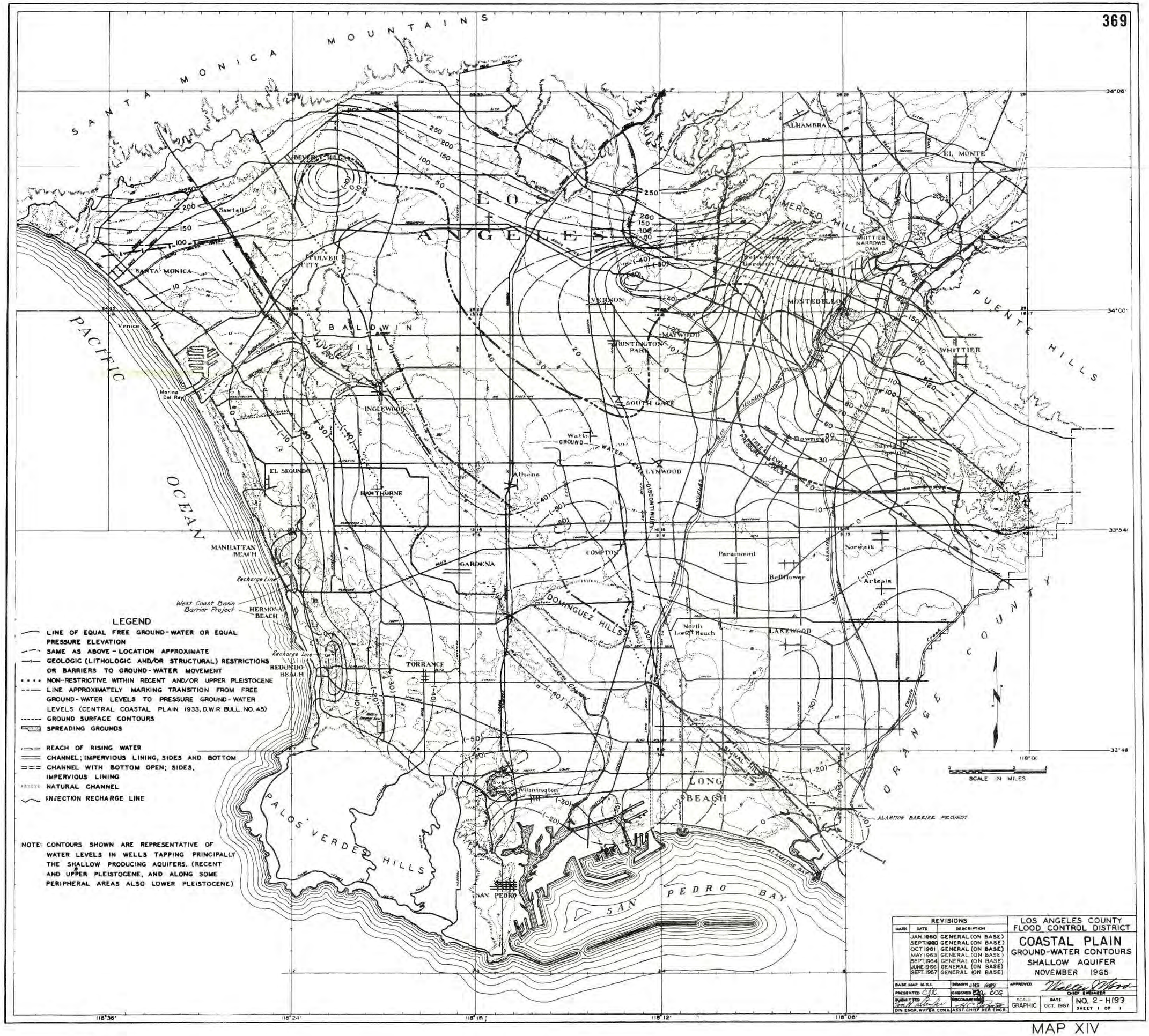
LEGEND

- LINES OF EQUAL FREE GROUND-WATER ELEVATION (INTERPOLATED BETWEEN WELLS) LOCALLY THE WATER MAY BE UNDER PRESSURE.
- SAME AS ABOVE - LOCATION APPROXIMATE.
- GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT.
- GROUND SURFACE CONTOURS.
- SPREADING GROUNDS.
- REACH OF RISING WATER.
- CHANNEL, IMPERVIOUS LINING, SIDES AND BOTTOM.
- CHANNEL WITH BOTTOM OPEN; SIDES IMPROVED.
- NATURAL CHANNEL.
- CHANNEL WITH BOTTOM OPEN; SIDES IMPROVED; WITH BOTTOM STABILIZERS.

REVISIONS			LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
MARK	DATE	DESCRIPTION	
	APR. 1960	GENERAL (ON BASE)	SAN GABRIEL VALLEY GROUND-WATER CONTOURS APRIL 1967
	OCT. 1961	GENERAL (ON BASE)	
	NOV. 1963	GENERAL (ON BASE)	
	APR. 1964	GENERAL (ON BASE)	
	SEPT. 1964	GENERAL (ON BASE)	
	JAN. 1965	GENERAL (ON BASE)	
	JAN. 1967	GENERAL (ON BASE)	

BASE MAP: H.K.I. | DRAWN: E.N. | APPROVED: Walter J. Wood, CHIEF ENGINEER
PRESENTED: C.A.R. | CHECKED: C.C.G.
SUBMITTED: Thos. H. Mueller, DIV. ENGR. WATER CONS. | RECOMMENDED: ASST. CHIEF DEP. ENGR.
SCALE: GRAPHIC | DATE: NOV. 1967 | NO. 6-H83

MAP XIII



LEGEND

- LINE OF EQUAL FREE GROUND-WATER OR EQUAL PRESSURE ELEVATION
- SAME AS ABOVE - LOCATION APPROXIMATE
- GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
- NON-RESTRICTIVE WITHIN RECENT AND/OR UPPER PLEISTOCENE
- LINE APPROXIMATELY MARKING TRANSITION FROM FREE GROUND-WATER LEVELS TO PRESSURE GROUND-WATER LEVELS (CENTRAL COASTAL PLAIN 1933, D.W.R. BULL. NO. 45)
- GROUND SURFACE CONTOURS
- SPREADING GROUNDS
- REACH OF RISING WATER
- CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
- CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
- NATURAL CHANNEL
- INJECTION RECHARGE LINE

NOTE: CONTOURS SHOWN ARE REPRESENTATIVE OF WATER LEVELS IN WELLS TAPPING PRINCIPALLY THE SHALLOW PRODUCING AQUIFERS. (RECENT AND UPPER PLEISTOCENE, AND ALONG SOME PERIPHERAL AREAS ALSO LOWER PLEISTOCENE)

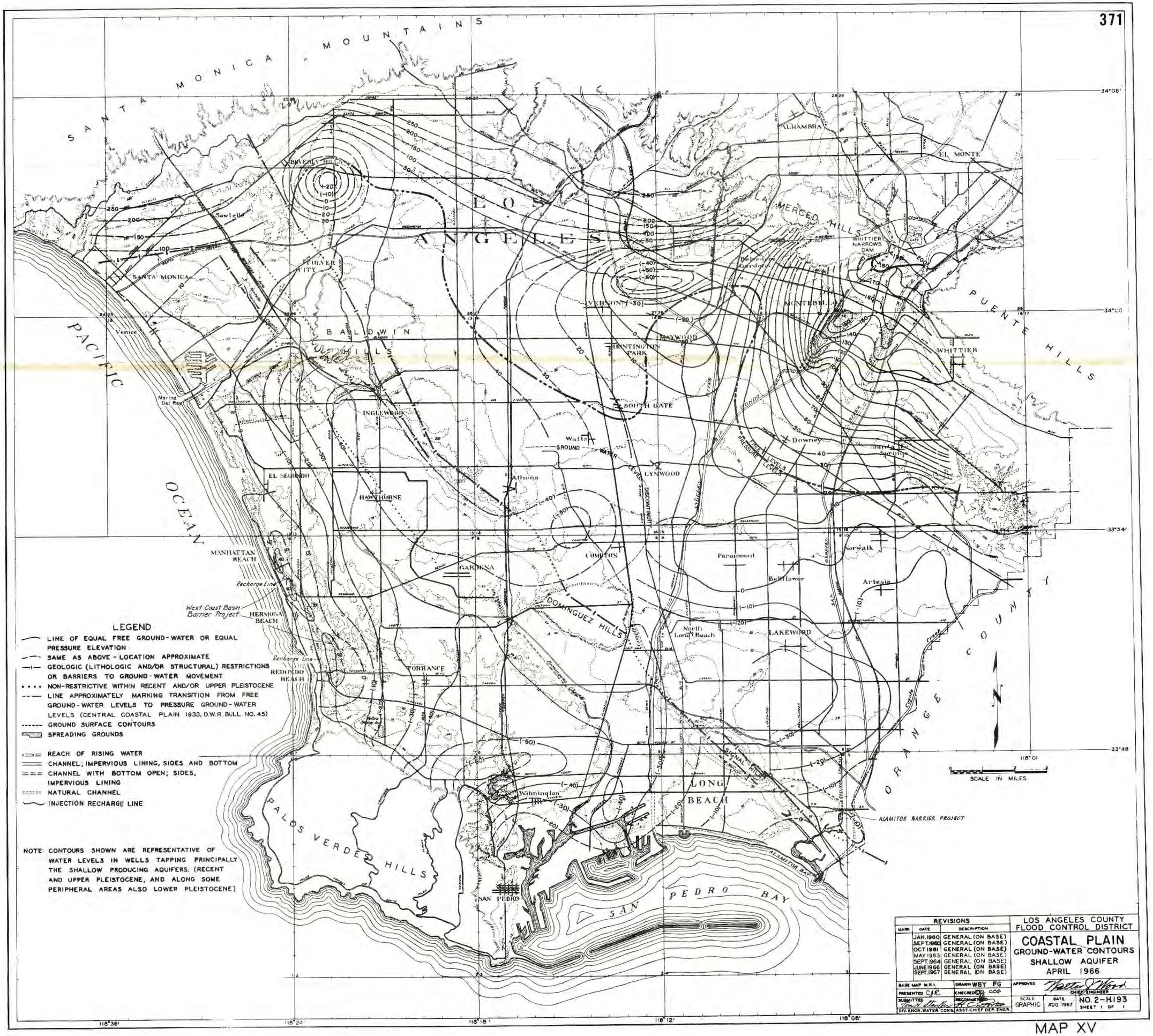
REVISIONS		
MARK	DATE	DESCRIPTION
	JAN. 1960	GENERAL (ON BASE)
	SEPT. 1960	GENERAL (ON BASE)
	OCT. 1961	GENERAL (ON BASE)
	MAY 1963	GENERAL (ON BASE)
	SEPT. 1964	GENERAL (ON BASE)
	JUNE 1966	GENERAL (ON BASE)
	SEPT. 1967	GENERAL (ON BASE)

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

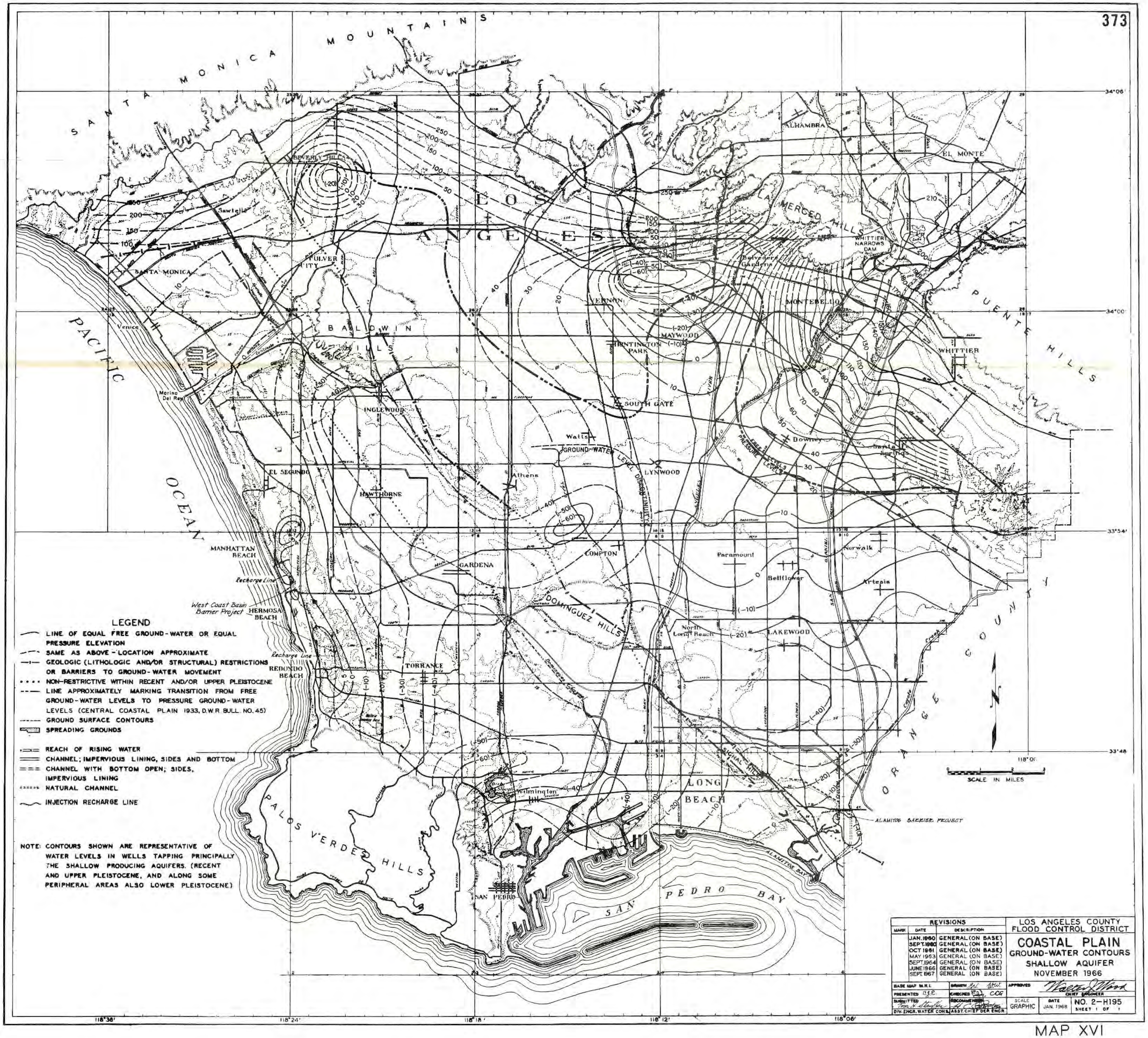
COASTAL PLAIN GROUND-WATER CONTOURS SHALLOW AQUIFER NOVEMBER 1965

BASE MAP M.R.L. — DRAWN JNS — APPROVED — CHIEF ENGINEER
PRESENTED — CHECKED — SUBMITTED — RECOMMENDED
DIV. ENGR. WATER CON. — ASST. CHIEF DEP. ENGR.
SCALE GRAPHIC — DATE OCT. 1967 — NO. 2-H193 SHEET 1 OF 1

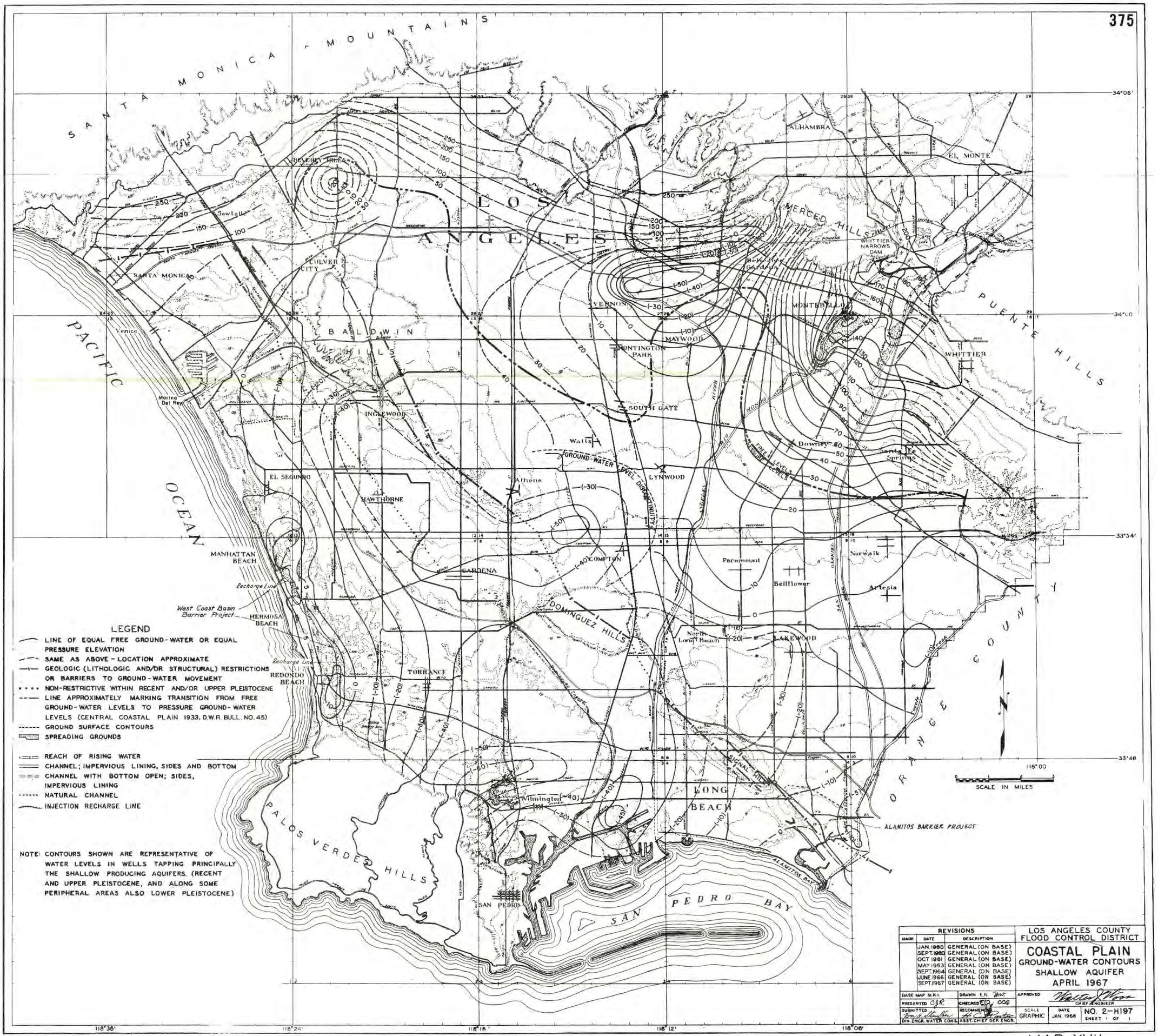
MAP XIV


SANTA MONICA MOUNTAINS
LOS ANGELES
PACIFIC OCEAN
BALDWIN HILLS
LA MERCED HILLS
PUENTE HILLS
DOMINGUEZ HILLS
PALOS VERDES HILLS
SAN PEDRO BAY
ORANGE COUNTY
BEVERLY HILLS
Sawtelle
SANTA MONICA
Venice
Marina Del Rey
CULVER CITY
INGLEWOOD
EL SEGUNDO
HAWTHORNE
MANHATTAN BEACH
HERMOSA BEACH
REDONDO BEACH
TORRANCE
GARDENA
COMPTON
Athens
Watts
LYNWOOD
SOUTH GATE
HUNTINGTON PARK
MAYWOOD
VERNON
MONTEBELLO
Belvedere Gardens
WHITTIER NARROWS DAM
WHITTIER
EL MONTE
ALHAMBRA
Downey
Santa Fe Springs
Norwalk
Artesia
Bellflower
Paramount
LAKEWOOD
North Long Beach
LONG BEACH
Wilmington
SAN PEDRO
Recharge Line
West Coast Basin Barrier Project
ALAMITOS BARRIER PROJECT
ALAMITOS BAY
SIGNAL HILL
Dominguez Channel
Coyote Creek
GROUND WATER LEVEL DISCONTINUITY
FREE LEVELS
PRESSURE LEVELS
34°06'
34°00'
33°54'
33°48'
118°36'
118°24'
118°18'
118°12'
118°06'
SCALE IN MILES
LEGEND
LINE OF EQUAL FREE GROUND-WATER OR EQUAL PRESSURE ELEVATION
SAME AS ABOVE - LOCATION APPROXIMATE
GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
NON-RESTRICTIVE WITHIN RECENT AND/OR UPPER PLEISTOCENE
LINE APPROXIMATELY MARKING TRANSITION FROM FREE GROUND-WATER LEVELS TO PRESSURE GROUND-WATER LEVELS (CENTRAL COASTAL PLAIN 1933, D.W.R. BULL. NO. 45)
GROUND SURFACE CONTOURS
SPREADING GROUNDS
REACH OF RISING WATER
CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
NATURAL CHANNEL
INJECTION RECHARGE LINE
NOTE: CONTOURS SHOWN ARE REPRESENTATIVE OF WATER LEVELS IN WELLS TAPPING PRINCIPALLY THE SHALLOW PRODUCING AQUIFERS. (RECENT AND UPPER PLEISTOCENE, AND ALONG SOME PERIPHERAL AREAS ALSO LOWER PLEISTOCENE)
REVISIONS
MARK | DATE | DESCRIPTION
JAN. 1960 GENERAL (ON BASE)
SEPT. 1960 GENERAL (ON BASE)
OCT. 1961 GENERAL (ON BASE)
MAY 1963 GENERAL (ON BASE)
SEPT. 1964 GENERAL (ON BASE)
JUNE 1966 GENERAL (ON BASE)
SEPT. 1967 GENERAL (ON BASE)
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
COASTAL PLAIN
GROUND-WATER CONTOURS
SHALLOW AQUIFER
APRIL 1966
BASE MAP M.K.I.
DRAWN WBY FG
APPROVED
CHIEF ENGINEER
PRESENTED
CHECKED
SUBMITTED
RECOMMENDED
DIV. ENGR. WATER CONS.
ASST. CHIEF DEP. ENGR.
SCALE GRAPHIC
DATE AUG. 1967
NO. 2-H193
SHEET 1 OF 1

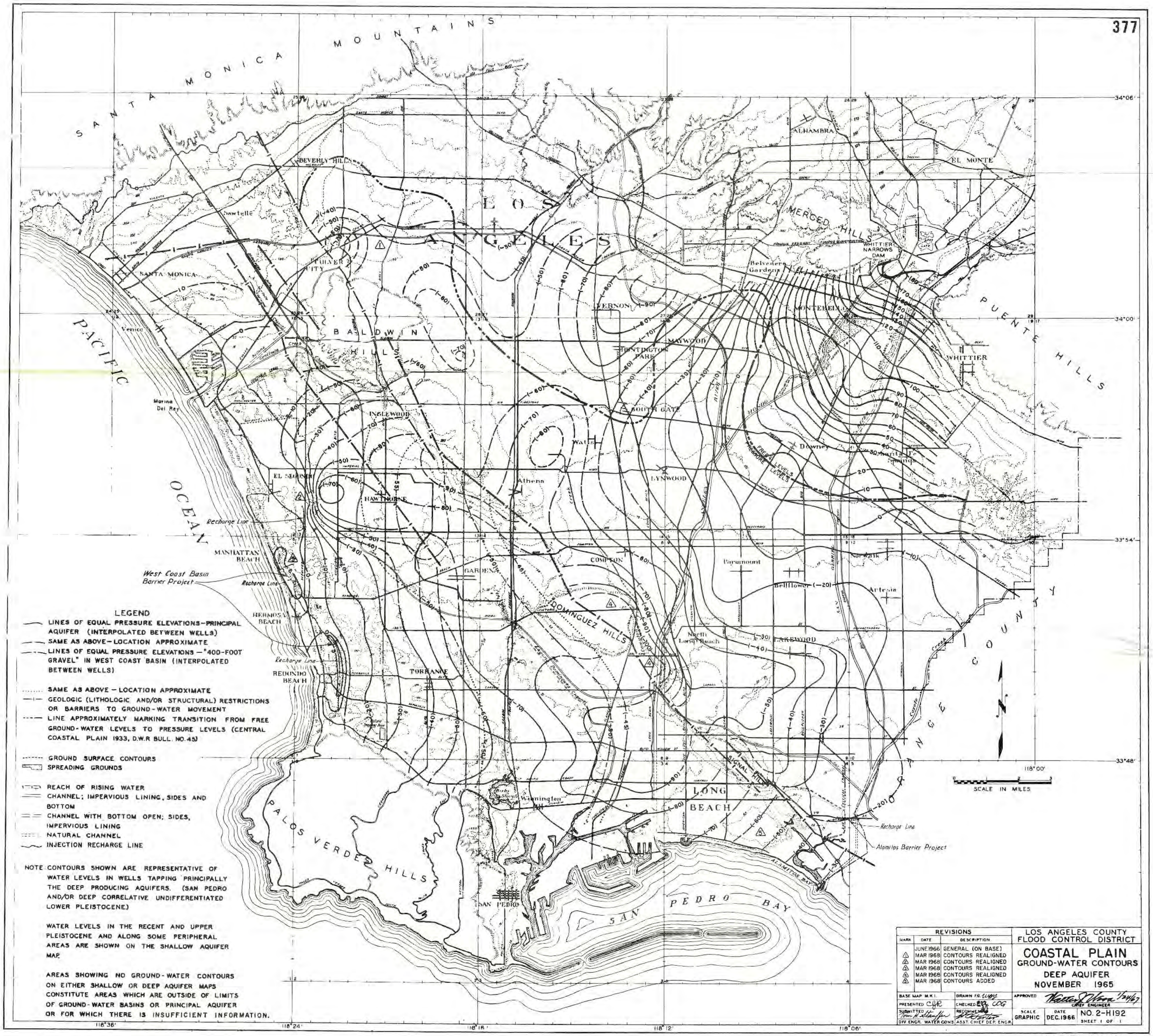
MAP XV


SANTA MONICA MOUNTAINS
LOS ANGELES
PACIFIC OCEAN
BALDWIN HILLS
LA MERCED HILLS
PUENTE HILLS
DOMINGUEZ HILLS
PALOS VERDES HILLS
SAN PEDRO BAY
ORANGE COUNTY
ALAMITOS BARRIER PROJECT
ALAMITOS BAY
SCALE IN MILES
LEGEND
LINE OF EQUAL FREE GROUND-WATER OR EQUAL PRESSURE ELEVATION
SAME AS ABOVE - LOCATION APPROXIMATE
GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
NON-RESTRICTIVE WITHIN RECENT AND/OR UPPER PLEISTOCENE
LINE APPROXIMATELY MARKING TRANSITION FROM FREE GROUND-WATER LEVELS TO PRESSURE GROUND-WATER LEVELS (CENTRAL COASTAL PLAIN 1933, D.W.R. BULL. NO. 45)
GROUND SURFACE CONTOURS
SPREADING GROUNDS
REACH OF RISING WATER
CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
NATURAL CHANNEL
INJECTION RECHARGE LINE
NOTE: CONTOURS SHOWN ARE REPRESENTATIVE OF WATER LEVELS IN WELLS TAPPING PRINCIPALLY THE SHALLOW PRODUCING AQUIFERS. (RECENT AND UPPER PLEISTOCENE, AND ALONG SOME PERIPHERAL AREAS ALSO LOWER PLEISTOCENE)
REVISIONS
MARK DATE DESCRIPTION
JAN. 1960 GENERAL (ON BASE)
SEPT. 1960 GENERAL (ON BASE)
OCT 1961 GENERAL (ON BASE)
MAY 1963 GENERAL (ON BASE)
SEPT. 1964 GENERAL (ON BASE)
JUNE 1966 GENERAL (ON BASE)
SEPT. 1967 GENERAL (ON BASE)
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
COASTAL PLAIN
GROUND-WATER CONTOURS
SHALLOW AQUIFER
NOVEMBER 1966
BASE MAP M.R.L.
DRAWN
APPROVED
PRESENTED
CHECKED
CHIEF ENGINEER
SUBMITTED
RECOMMENDED
DIV. ENGR. WATER CONS.
ASST. CHIEF DEP. ENGR.
SCALE GRAPHIC
DATE JAN. 1968
NO. 2-H195
SHEET 1 OF 1

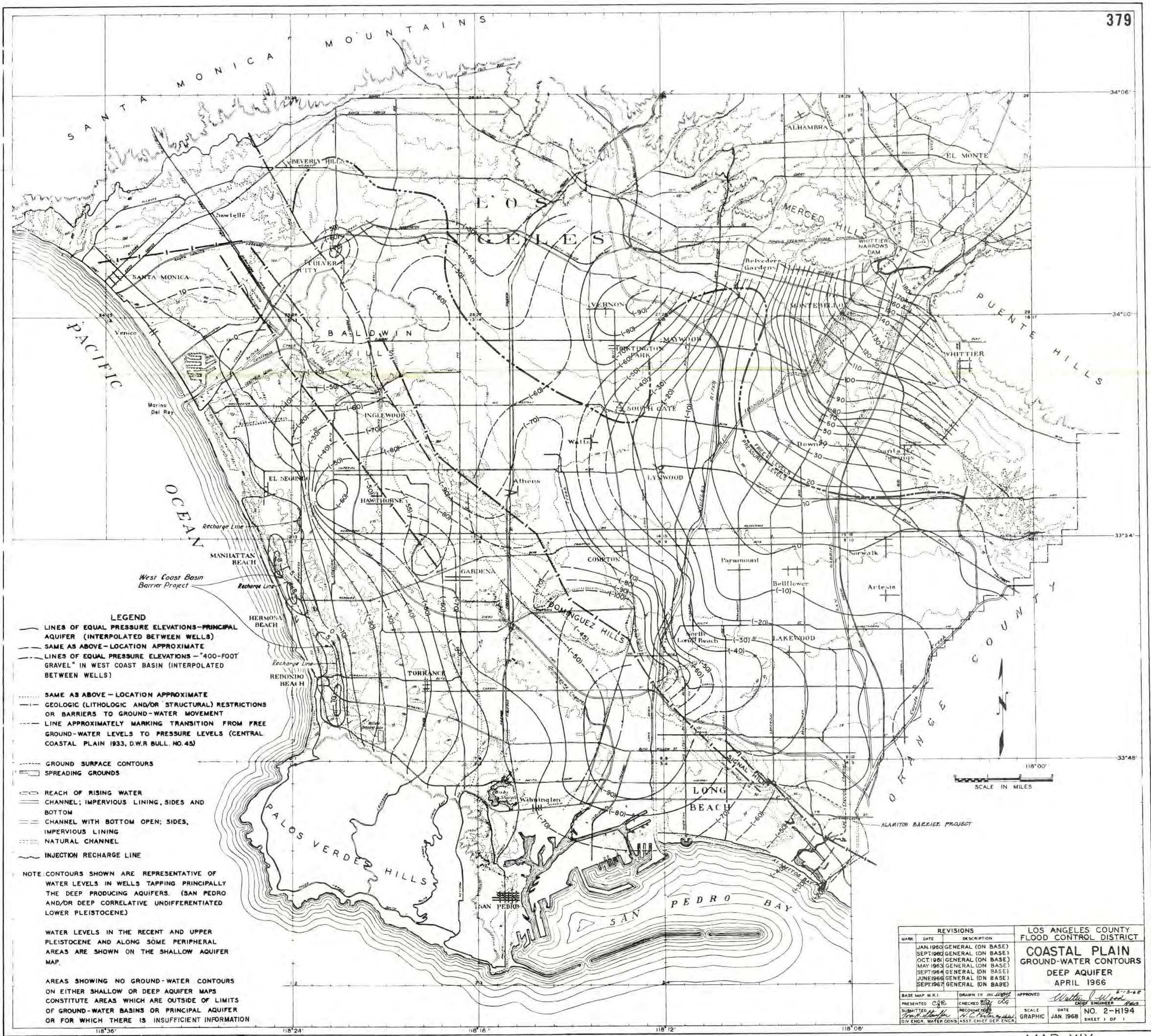
MAP XVI


SANTA MONICA MOUNTAINS
LOS ANGELES
PACIFIC OCEAN
BALDWIN HILLS
LA MERCED HILLS
PUENTE HILLS
DOMINGUEZ HILLS
PALOS VERDES HILLS
SAN PEDRO BAY
ORANGE COUNTY
LONG BEACH
SANTA MONICA
CULVER CITY
BEVERLY HILLS
Sawtelle
Venice
Marina Del Rey
INGLEWOOD
EL SEGUNDO
HAWTHORNE
MANHATTAN BEACH
Recharge Line
West Coast Basin Barrier Project
HERMOSA BEACH
REDONDO BEACH
TORRANCE
GARDENA
COMPTON
Athens
Watts
GROUND-WATER LEVEL DISCONTINUITY
LYNWOOD
SOUTH GATE
HUNTINGTON PARK
MAYWOOD
VERNON
MONTEBELLO
WHITTIER
WHITTIER NARROWS DAM
EL MONTE
ALHAMBRA
Downey
Santa Fe Springs
Paramount
Bellflower
Norwalk
Artesia
North Long Beach
LAKEWOOD
Wilmington
SAN PEDRO
SIGNAL HILL
ALAMITOS BARRIER PROJECT
ALAMITOS BAY
SCALE IN MILES
34°06'
34°00'
33°54'
33°48'
118°00'
118°36'
118°24'
118°18'
118°12'
118°06'
LEGEND
LINE OF EQUAL FREE GROUND-WATER OR EQUAL PRESSURE ELEVATION
SAME AS ABOVE - LOCATION APPROXIMATE
GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
NON-RESTRICTIVE WITHIN RECENT AND/OR UPPER PLEISTOCENE
LINE APPROXIMATELY MARKING TRANSITION FROM FREE GROUND-WATER LEVELS TO PRESSURE GROUND-WATER LEVELS (CENTRAL COASTAL PLAIN 1933, D.W.R. BULL. NO. 45)
GROUND SURFACE CONTOURS
SPREADING GROUNDS
REACH OF RISING WATER
CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
NATURAL CHANNEL
INJECTION RECHARGE LINE
NOTE: CONTOURS SHOWN ARE REPRESENTATIVE OF WATER LEVELS IN WELLS TAPPING PRINCIPALLY THE SHALLOW PRODUCING AQUIFERS. (RECENT AND UPPER PLEISTOCENE, AND ALONG SOME PERIPHERAL AREAS ALSO LOWER PLEISTOCENE)
REVISIONS
MARK | DATE | DESCRIPTION
JAN. 1960 GENERAL (ON BASE)
SEPT. 1960 GENERAL (ON BASE)
OCT 1961 GENERAL (ON BASE)
MAY 1963 GENERAL (ON BASE)
SEPT. 1964 GENERAL (ON BASE)
JUNE 1966 GENERAL (ON BASE)
SEPT. 1967 GENERAL (ON BASE)
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
COASTAL PLAIN
GROUND-WATER CONTOURS
SHALLOW AQUIFER
APRIL 1967
BASE MAP M.R.I.
DRAWN E.N.
APPROVED
PRESENTED
CHECKED
CHIEF ENGINEER
SUBMITTED
RECOMMENDED
DIV. ENGR. WATER CONS.
ASST. CHIEF DEP. ENGR.
SCALE GRAPHIC
DATE JAN. 1968
NO. 2-H197
SHEET 1 OF 1

MAP XVII


SANTA MONICA MOUNTAINS
LOS ANGELES
PACIFIC OCEAN
BALDWIN HILLS
LA MERCED HILLS
PUENTE HILLS
DOMINGUEZ HILLS
PALOS VERDES HILLS
SAN PEDRO BAY
ORANGE COUNTY
BEVERLY HILLS
Sawtelle
SANTA MONICA
Venice
Marina Del Rey
CULVER CITY
INGLEWOOD
EL SEGUNDO
HAWTHORNE
MANHATTAN BEACH
HERMOSA BEACH
REDONDO BEACH
TORRANCE
GARDENA
COMPTON
Athens
Watts
VERNON
HUNTINGTON PARK
MAYWOOD
SOUTH GATE
LYNWOOD
Paramount
Bellflower
Artesia
Norwalk
North Long Beach
LAKEWOOD
Downey
Santa Fe Springs
MONTEBELLO
Belvedere Gardens
WHITTIER NARROWS DAM
WHITTIER
EL MONTE
ALHAMBRA
Wilmington
SAN PEDRO
LONG BEACH
Recharge Line
West Coast Basin Barrier Project
Alamitos Barrier Project
SCALE IN MILES
34°06'
34°00'
33°54'
33°48'
118°36'
118°24'
118°18'
118°12'
118°06'
118°00'
LEGEND
LINES OF EQUAL PRESSURE ELEVATIONS—PRINCIPAL AQUIFER (INTERPOLATED BETWEEN WELLS)
SAME AS ABOVE—LOCATION APPROXIMATE
LINES OF EQUAL PRESSURE ELEVATIONS—"400-FOOT GRAVEL" IN WEST COAST BASIN (INTERPOLATED BETWEEN WELLS)
SAME AS ABOVE—LOCATION APPROXIMATE
GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
LINE APPROXIMATELY MARKING TRANSITION FROM FREE GROUND-WATER LEVELS TO PRESSURE LEVELS (CENTRAL COASTAL PLAIN 1933, D.W.R BULL. NO. 45)
GROUND SURFACE CONTOURS
SPREADING GROUNDS
REACH OF RISING WATER
CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
NATURAL CHANNEL
INJECTION RECHARGE LINE
NOTE: CONTOURS SHOWN ARE REPRESENTATIVE OF WATER LEVELS IN WELLS TAPPING PRINCIPALLY THE DEEP PRODUCING AQUIFERS. (SAN PEDRO AND/OR DEEP CORRELATIVE UNDIFFERENTIATED LOWER PLEISTOCENE)
WATER LEVELS IN THE RECENT AND UPPER PLEISTOCENE AND ALONG SOME PERIPHERAL AREAS ARE SHOWN ON THE SHALLOW AQUIFER MAP.
AREAS SHOWING NO GROUND-WATER CONTOURS ON EITHER SHALLOW OR DEEP AQUIFER MAPS CONSTITUTE AREAS WHICH ARE OUTSIDE OF LIMITS OF GROUND-WATER BASINS OR PRINCIPAL AQUIFER OR FOR WHICH THERE IS INSUFFICIENT INFORMATION.
REVISIONS
MARK | DATE | DESCRIPTION
JUNE 1966 GENERAL (ON BASE)
1 MAR 1968 CONTOURS REALIGNED
2 MAR 1968 CONTOURS REALIGNED
3 MAR 1968 CONTOURS REALIGNED
4 MAR 1968 CONTOURS REALIGNED
5 MAR 1968 CONTOURS ADDED
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
COASTAL PLAIN
GROUND-WATER CONTOURS
DEEP AQUIFER
NOVEMBER 1965
BASE MAP M.K.I.
DRAWN F.G. WAY
PRESENTED CJR
CHECKED EDG CCG
SUBMITTED Tom H. Stauffer
DIV. ENGR. WATER CONS.
RECOMMENDED
ASST. CHIEF DEP. ENGR.
APPROVED Walter J. Wood 1/24/67
CHIEF ENGINEER
SCALE GRAPHIC
DATE DEC. 1966
NO. 2-H192
SHEET 1 OF 1

MAP XVIII



LEGEND

- LINES OF EQUAL PRESSURE ELEVATIONS—PRINCIPAL AQUIFER (INTERPOLATED BETWEEN WELLS)
- SAME AS ABOVE—LOCATION APPROXIMATE
- LINES OF EQUAL PRESSURE ELEVATIONS—"400-FOOT GRAVEL" IN WEST COAST BASIN (INTERPOLATED BETWEEN WELLS)
- SAME AS ABOVE—LOCATION APPROXIMATE
- GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
- LINE APPROXIMATELY MARKING TRANSITION FROM FREE GROUND-WATER LEVELS TO PRESSURE LEVELS (CENTRAL COASTAL PLAIN 1933, D.W.R BULL. NO. 45)
- GROUND SURFACE CONTOURS
- SPREADING GROUNDS
- REACH OF RISING WATER
- CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
- CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
- NATURAL CHANNEL
- INJECTION RECHARGE LINE

NOTE: CONTOURS SHOWN ARE REPRESENTATIVE OF WATER LEVELS IN WELLS TAPPING PRINCIPALLY THE DEEP PRODUCING AQUIFERS. (SAN PEDRO AND/OR DEEP CORRELATIVE UNDIFFERENTIATED LOWER PLEISTOCENE)

WATER LEVELS IN THE RECENT AND UPPER PLEISTOCENE AND ALONG SOME PERIPHERAL AREAS ARE SHOWN ON THE SHALLOW AQUIFER MAP.

AREAS SHOWING NO GROUND-WATER CONTOURS ON EITHER SHALLOW OR DEEP AQUIFER MAPS CONSTITUTE AREAS WHICH ARE OUTSIDE OF LIMITS OF GROUND-WATER BASINS OR PRINCIPAL AQUIFER OR FOR WHICH THERE IS INSUFFICIENT INFORMATION

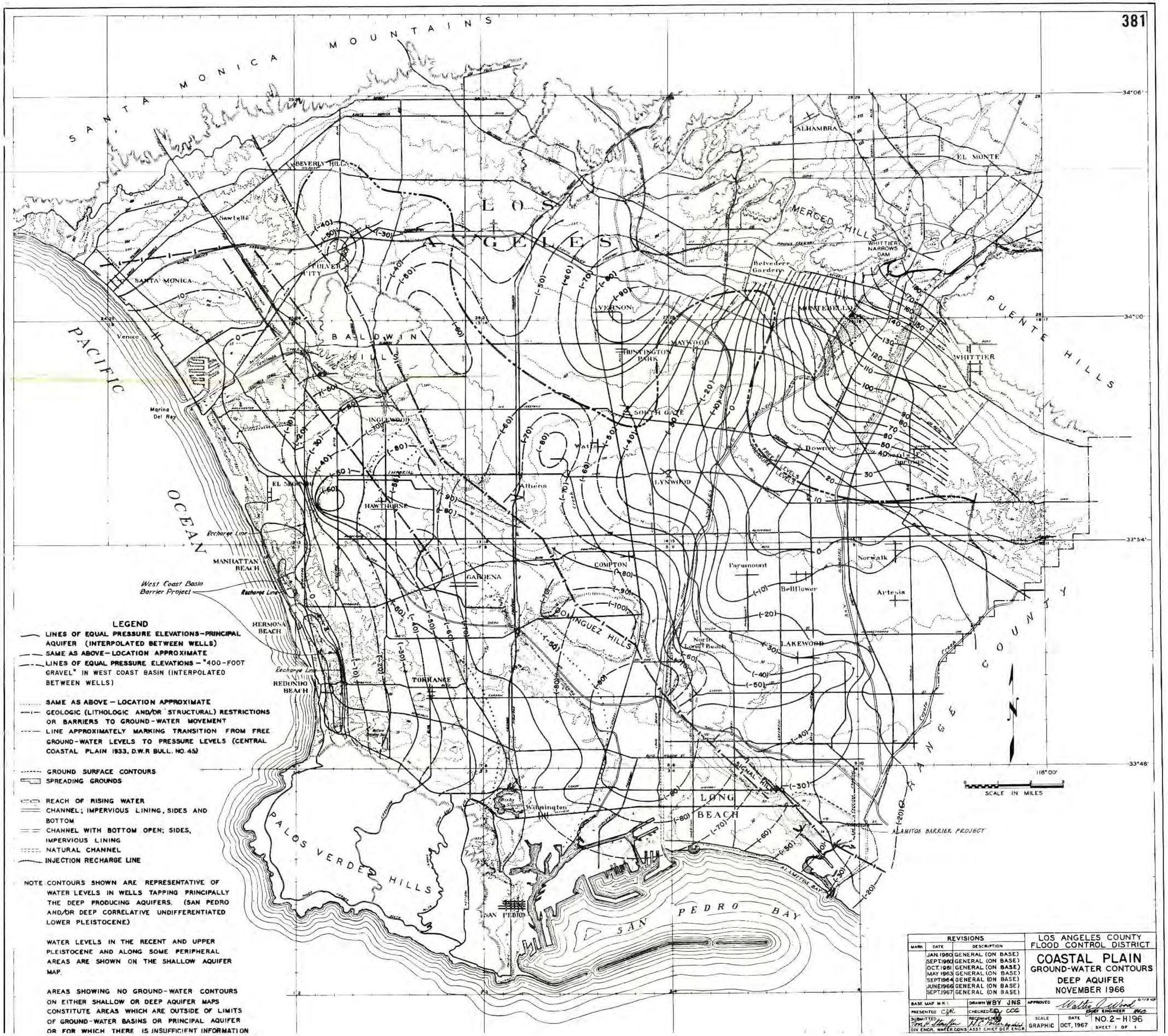
REVISIONS		
MARK	DATE	DESCRIPTION
	JAN. 1960	GENERAL (ON BASE)
	SEPT. 1960	GENERAL (ON BASE)
	OCT. 1961	GENERAL (ON BASE)
	MAY 1963	GENERAL (ON BASE)
	SEPT. 1964	GENERAL (ON BASE)
	JUNE 1966	GENERAL (ON BASE)
	SEPT. 1967	GENERAL (ON BASE)

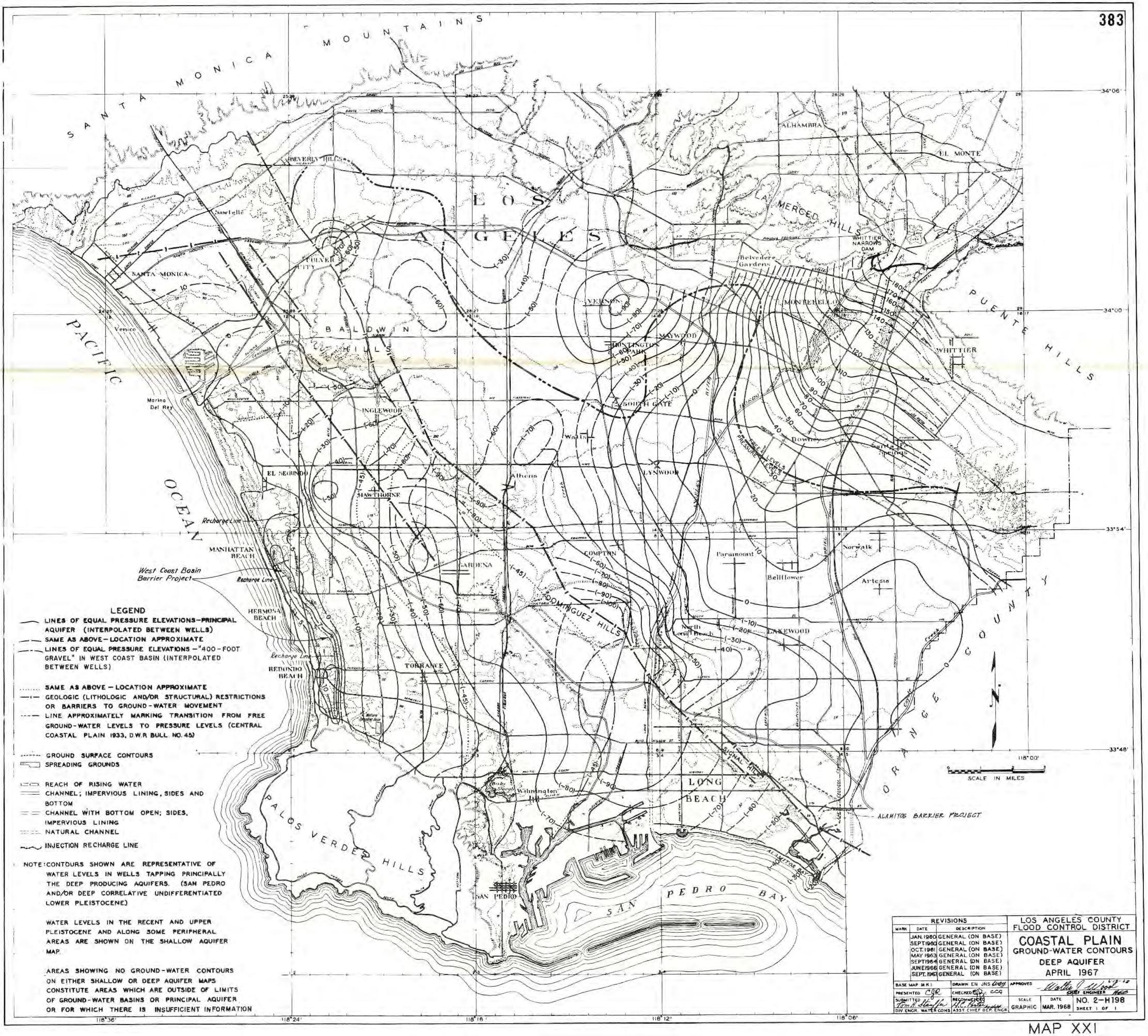
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

COASTAL PLAIN
GROUND-WATER CONTOURS
DEEP AQUIFER
APRIL 1966

BASE MAP M.K.I.	DRAWN ER JNS	APPROVED	6-15-68
PRESENTED	CHECKED	CHIEF ENGINEER	
SUBMITTED	RECOMMENDED	SCALE: GRAPHIC	DATE: JAN. 1968
DIV. ENGR. WATER CONS.	ASST. CHIEF DEP. ENGR.		NO. 2-H194 SHEET 1 OF 1

MAP XIX


SANTA MONICA MOUNTAINS
LOS ANGELES
BEVERLY HILLS
Sawtelle
SANTA MONICA
CULVER CITY
BALDWIN HILLS
Venice
Marina Del Rey
PACIFIC OCEAN
INGLEWOOD
EL SEGUNDO
HAWTHORNE
Recharge Line
MANHATTAN BEACH
West Coast Basin Barrier Project
HERMOSA BEACH
REDONDO BEACH
TORRANCE
GARDENA
COMPTON
DOMINGUEZ HILLS
Athens
Watts
SOUTH GATE
LYNWOOD
VERNON
HUNTINGTON PARK
MAYWOOD
Belvedere Gardens
MONTEBELLO
WHITTIER NARROWS DAM
LA MERCED HILLS
ALHAMBRA
EL MONTE
PUENTE HILLS
WHITTIER
Downey
Santa Fe Springs
Paramount
Bellflower
Norwalk
Artesia
North Long Beach
LAKEWOOD
SIGNAL HILL
LONG BEACH
Wilmington
SAN PEDRO
PALOS VERDES HILLS
SAN PEDRO BAY
ALAMITOS BAY
ALAMITOS BARRIER PROJECT
ORANGE COUNTY
SCALE IN MILES
34°06'
34°00'
33°54'
33°48'
118°00'
LEGEND
LINES OF EQUAL PRESSURE ELEVATIONS-PRINCIPAL AQUIFER (INTERPOLATED BETWEEN WELLS)
SAME AS ABOVE-LOCATION APPROXIMATE
LINES OF EQUAL PRESSURE ELEVATIONS - "400-FOOT GRAVEL" IN WEST COAST BASIN (INTERPOLATED BETWEEN WELLS)
SAME AS ABOVE - LOCATION APPROXIMATE
GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
LINE APPROXIMATELY MARKING TRANSITION FROM FREE GROUND-WATER LEVELS TO PRESSURE LEVELS (CENTRAL COASTAL PLAIN 1933, D.W.R BULL. NO. 45)
GROUND SURFACE CONTOURS
SPREADING GROUNDS
REACH OF RISING WATER
CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
NATURAL CHANNEL
INJECTION RECHARGE LINE
NOTE: CONTOURS SHOWN ARE REPRESENTATIVE OF WATER LEVELS IN WELLS TAPPING PRINCIPALLY THE DEEP PRODUCING AQUIFERS. (SAN PEDRO AND/OR DEEP CORRELATIVE UNDIFFERENTIATED LOWER PLEISTOCENE)
WATER LEVELS IN THE RECENT AND UPPER PLEISTOCENE AND ALONG SOME PERIPHERAL AREAS ARE SHOWN ON THE SHALLOW AQUIFER MAP.
AREAS SHOWING NO GROUND-WATER CONTOURS ON EITHER SHALLOW OR DEEP AQUIFER MAPS CONSTITUTE AREAS WHICH ARE OUTSIDE OF LIMITS OF GROUND-WATER BASINS OR PRINCIPAL AQUIFER OR FOR WHICH THERE IS INSUFFICIENT INFORMATION
REVISIONS
MARK | DATE | DESCRIPTION
JAN. 1960 GENERAL (ON BASE)
SEPT. 1960 GENERAL (ON BASE)
OCT. 1961 GENERAL (ON BASE)
MAY 1963 GENERAL (ON BASE)
SEPT. 1964 GENERAL (ON BASE)
JUNE 1966 GENERAL (ON BASE)
SEPT. 1967 GENERAL (ON BASE)
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
COASTAL PLAIN
GROUND-WATER CONTOURS
DEEP AQUIFER
NOVEMBER 1966
BASE MAP M.K.I.
DRAWN WBY JNS
APPROVED Walter J. Wood 6-18-68
PRESENTED CJR
CHECKED ED CCG
CHIEF ENGINEER
SUBMITTED Tom H. Stauffer
RECOMMENDED H. C. Porter
DIV. ENGR. WATER CONS
ASST. CHIEF DEP. ENGR.
SCALE GRAPHIC
DATE OCT, 1967
NO. 2-H196
SHEET 1 OF 1



LEGEND

- LINES OF EQUAL PRESSURE ELEVATIONS—PRINCIPAL AQUIFER (INTERPOLATED BETWEEN WELLS)
- SAME AS ABOVE—LOCATION APPROXIMATE
- LINES OF EQUAL PRESSURE ELEVATIONS—"400-FOOT GRAVEL" IN WEST COAST BASIN (INTERPOLATED BETWEEN WELLS)
- SAME AS ABOVE—LOCATION APPROXIMATE
- GEOLOGIC (LITHOLOGIC AND/OR STRUCTURAL) RESTRICTIONS OR BARRIERS TO GROUND-WATER MOVEMENT
- LINE APPROXIMATELY MARKING TRANSITION FROM FREE GROUND-WATER LEVELS TO PRESSURE LEVELS (CENTRAL COASTAL PLAIN 1933, D.W.R BULL. NO. 45)
- GROUND SURFACE CONTOURS
- SPREADING GROUNDS
- REACH OF RISING WATER
- CHANNEL; IMPERVIOUS LINING, SIDES AND BOTTOM
- CHANNEL WITH BOTTOM OPEN; SIDES, IMPERVIOUS LINING
- NATURAL CHANNEL
- INJECTION RECHARGE LINE

NOTE: CONTOURS SHOWN ARE REPRESENTATIVE OF WATER LEVELS IN WELLS TAPPING PRINCIPALLY THE DEEP PRODUCING AQUIFERS. (SAN PEDRO AND/OR DEEP CORRELATIVE UNDIFFERENTIATED LOWER PLEISTOCENE)

WATER LEVELS IN THE RECENT AND UPPER PLEISTOCENE AND ALONG SOME PERIPHERAL AREAS ARE SHOWN ON THE SHALLOW AQUIFER MAP.

AREAS SHOWING NO GROUND-WATER CONTOURS ON EITHER SHALLOW OR DEEP AQUIFER MAPS CONSTITUTE AREAS WHICH ARE OUTSIDE OF LIMITS OF GROUND-WATER BASINS OR PRINCIPAL AQUIFER OR FOR WHICH THERE IS INSUFFICIENT INFORMATION

REVISIONS		
MARK	DATE	DESCRIPTION
	JAN. 1960	GENERAL (ON BASE)
	SEPT. 1960	GENERAL (ON BASE)
	OCT. 1961	GENERAL (ON BASE)
	MAY 1963	GENERAL (ON BASE)
	SEPT. 1964	GENERAL (ON BASE)
	JUNE 1966	GENERAL (ON BASE)
	SEPT. 1967	GENERAL (ON BASE)

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

COASTAL PLAIN
GROUND-WATER CONTOURS
DEEP AQUIFER
APRIL 1967

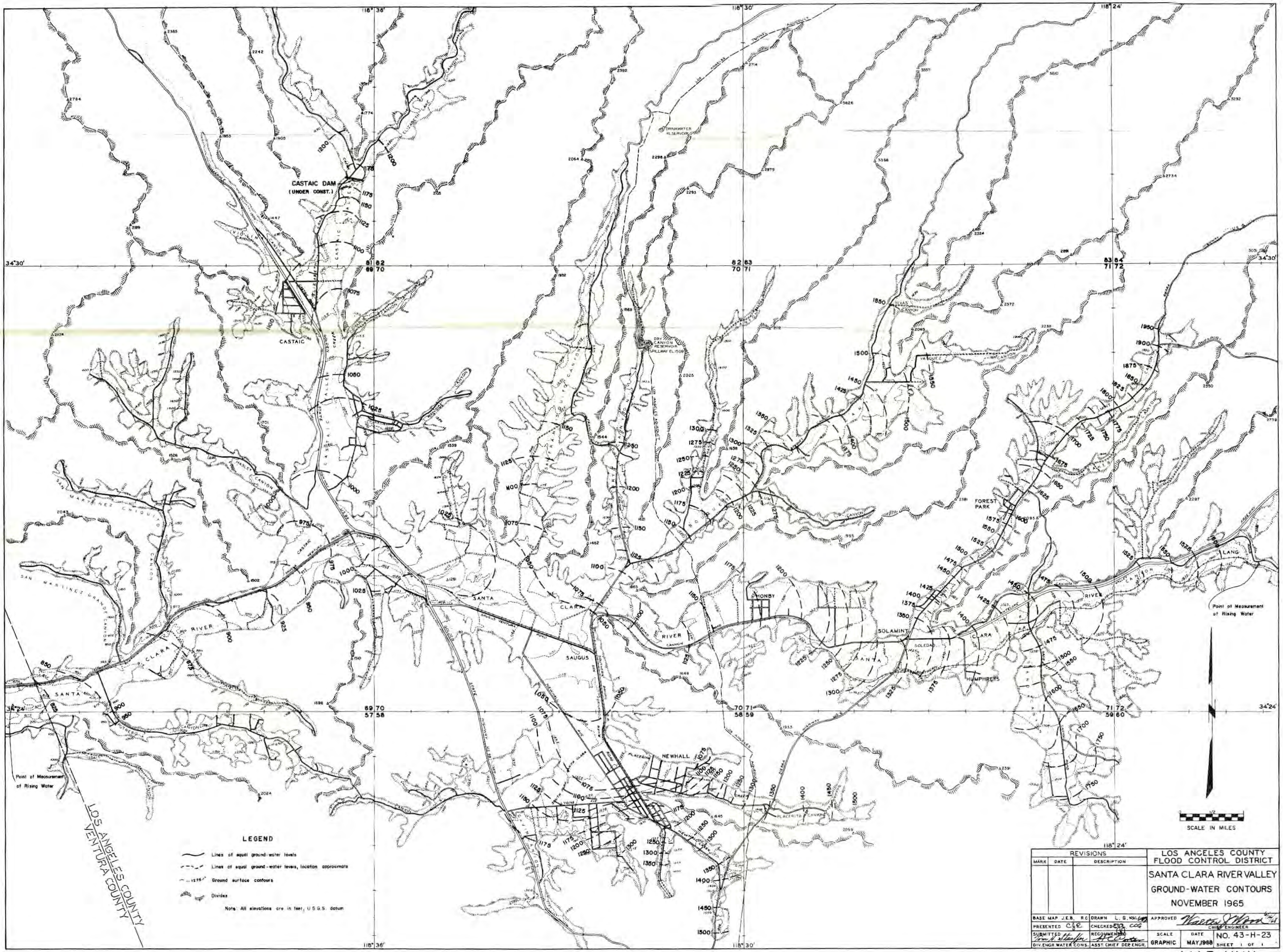
BASE MAP BY: | DRAWN: EN JNS | APPROVED: Walter J. Wood, CHIEF ENGINEER

PRESENTED: CJR | CHECKED: CJR CCR

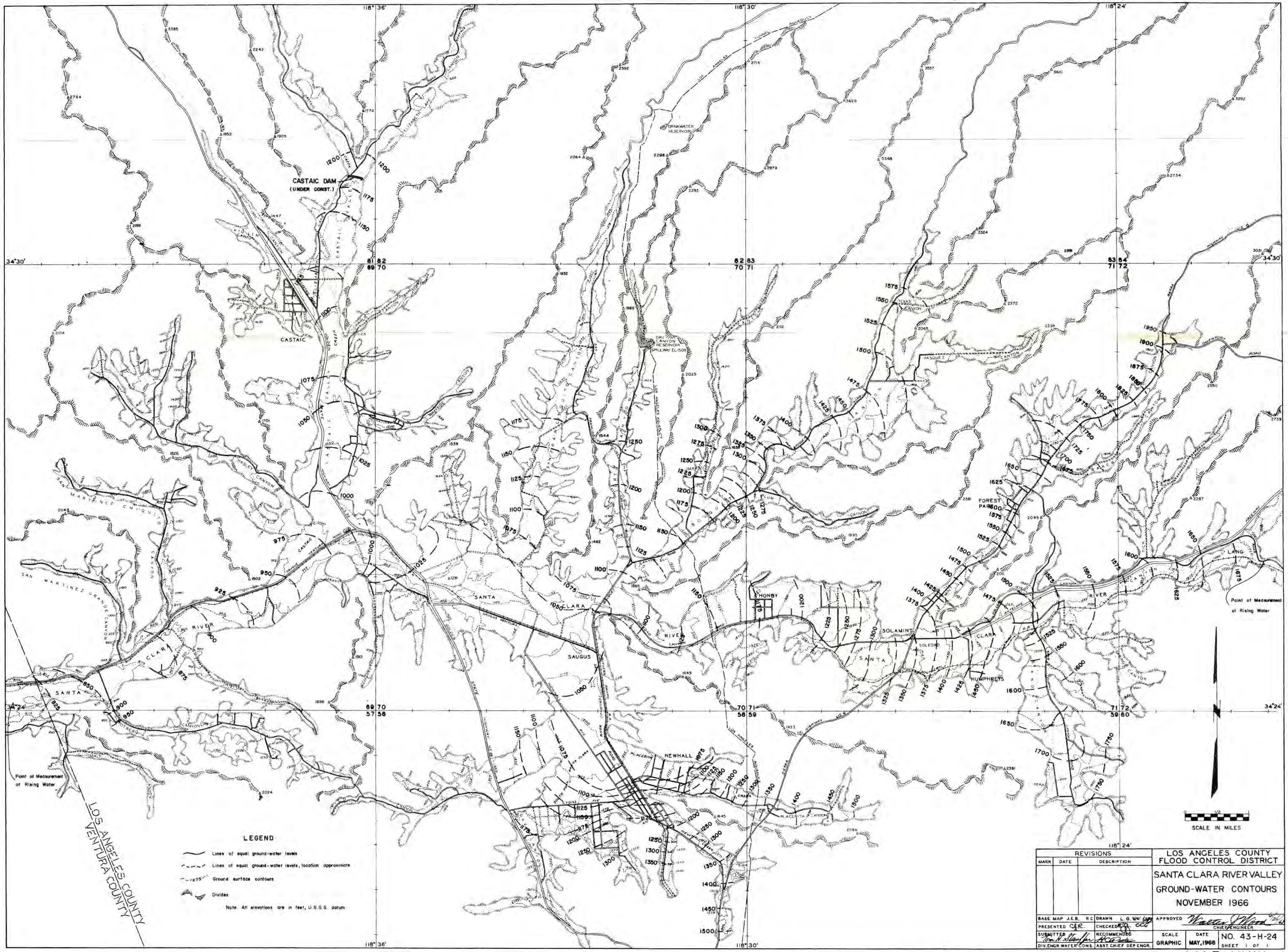
SUBMITTED: Tom A. Hanlon, DIV. ENGR. WATER CONS | RECOMMENDED: H.C. Porter, ASST. CHIEF DEP. ENGR.

SCALE: GRAPHIC | DATE: MAR. 1968 | NO. 2-H198 | SHEET 1 OF 1

MAP XXI


CASTAIC DAM
(UNDER CONST.)
CASTAIC
DRY CANYON RESERVOIR
SPILLWAY EL. 1509
DRINKWATER RESERVOIR
VASQUEZ
FOREST PARK
LANG
HONBY
SOLAMINT
HUMPHREYS
SAUGUS
NEWHALL
SANTA CLARA RIVER
Point of Measurement of Rising Water
LOS ANGELES COUNTY
VENTURA COUNTY
SCALE IN MILES
LEGEND
Lines of equal ground-water levels
Lines of equal ground-water levels, location approximate
Ground surface contours
Divides
Note: All elevations are in feet, U.S.G.S. datum
REVISIONS
MARK
DATE
DESCRIPTION
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
SANTA CLARA RIVER VALLEY
GROUND-WATER CONTOURS
NOVEMBER 1965
BASE MAP J.E.B. R.C.
DRAWN L. G.
APPROVED
PRESENTED
CHECKED
CHIEF ENGINEER
SUBMITTED
RECOMMENDED
DIV. ENGR. WATER CONS.
ASST. CHIEF DEP. ENGR.
SCALE
GRAPHIC
DATE
MAY, 1968
NO. 43-H-23
SHEET 1 OF 1

MAP XXII


CASTAIC DAM
(UNDER CONST.)
CASTAIC
DRINKWATER RESERVOIR
DRY CANYON RESERVOIR SPILLWAY EL.1500
SANTA CLARA RIVER
SAUGUS
HONBY
SOLAMINT
HUMPHREYS
FOREST PARK
NEWHALL
LANG
Point of Measurement of Rising Water
LOS ANGELES COUNTY
VENTURA COUNTY
SCALE IN MILES
LEGEND
Lines of equal ground-water levels
Lines of equal ground-water levels, location approximate
Ground surface contours
Divides
Note. All elevations are in feet, U.S.G.S. datum
REVISIONS
MARK
DATE
DESCRIPTION
LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
SANTA CLARA RIVER VALLEY
GROUND-WATER CONTOURS
NOVEMBER 1966
BASE MAP J.E.B. R.C.
DRAWN L.G.
APPROVED
PRESENTED
CHECKED
CHIEF ENGINEER
SUBMITTED
RECOMMENDED
DIV. ENGR. WATER CONS.
ASST. CHIEF DEP. ENGR.
SCALE
GRAPHIC
DATE
MAY, 1968
NO. 43-H-24
SHEET 1 OF 1

MAP XXIII

LEGEND

HYDROLOGIC DISCONTINUITY

2300 SURFACE CONTOUR – U.S.G.S. DATUM

2400 LINE OF EQUAL ELEVATION OF GROUND WATER

BOUNDARIES OF GROUND-WATER AREAS ADDED BY L.A.C.F.C.D. ACCORDING TO MAP OF ANTELOPE VALLEY-EAST KERN WATER AGENCY AREA BY U.S.G.S.

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT
ANTELOPE VALLEY AREA

LINES OF EQUAL ELEVATION OF GROUND WATER

FALL 1965

SCALE OF MILES
0 1 2 3 4 5

F.C. NO. 2-F 341

MAP XXIV

391

LEGEND

- HYDROLOGIC DISCONTINUITY
- 2500 — SURFACE CONTOUR – U.S.G.S. DATUM
- 2400 — LINE OF EQUAL ELEVATION OF GROUND WATER
- BOUNDARIES OF GROUND-WATER AREAS ADDED BY L.A.C.F.C.D. ACCORDING TO MAP OF ANTELOPE VALLEY – EAST KERN WATER AGENCY AREA BY U.S.G.S.

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT
ANTELOPE VALLEY AREA

LINES OF EQUAL ELEVATION OF GROUND WATER

SPRING 1966

SCALE OF MILES

F.C. NO. 2-F 342

MAP XXV

LEGEND

HYDROLOGIC DISCONTINUITY

2300 SURFACE CONTOUR – U.S.G.S. DATUM

2400 LINE OF EQUAL ELEVATION OF GROUND WATER

BOUNDARIES OF GROUND-WATER AREAS ADDED BY L.A.C.F.C.D. ACCORDING TO MAP OF ANTELOPE VALLEY-EAST KERN WATER AGENCY AREA BY U.S.G.S.

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT
ANTELOPE VALLEY AREA

LINES OF EQUAL ELEVATION OF GROUND WATER

FALL 1966

SCALE OF MILES
0 1 2 3 4 5

F.C. NO. 2-F343

MAP XXVI

LEGEND

- HYDROLOGIC DISCONTINUITY
- 2300 — SURFACE CONTOUR – U.S.G.S. DATUM
- 2400 — LINE OF EQUAL ELEVATION OF GROUND WATER
- BOUNDARIES OF GROUND – WATER AREAS ADDED BY L.A.C.F.C.D. ACCORDING TO MAP OF ANTELOPE VALLEY–EAST KERN WATER AGENCY AREA BY U.S.G.S.

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT
ANTELOPE VALLEY AREA

LINES OF EQUAL ELEVATION OF GROUND WATER

SPRING 1967

SCALE OF MILES 0 1 2 3 4 5

F.C. NO. 2-F344

MAP XXVII