

Los Angeles County Department of Public Works

HYDROLOGIC REPORT

1997 – 1998



Water Resources Division

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DISCLAIMER

The information contained on this report was valid at the time of publication. The Department of Public Works reserves the right to make changes at any time and without notice, and assumes no liability for any damages incurred directly or indirectly as a result of changes errors, omissions or discrepancies.

Introduction

This report discusses hydrologic data relative to Los Angeles County for the period beginning October 1, 1997 and ending September 30, 1998. The Department has revised the format of this report to provide users with more useful data and a more efficient means of utilizing that data. The report consists of six sections.

PRECIPITATION

Lists 273 active [rainfall stations](#) for which unpublished rainfall data are on file at the Department.

EVAPORATION

Lists 13 [evaporation station](#) locations and data for this reporting period. Unpublished evaporation data from previous years are in file at the Department.

RUNOFF

Lists 65 active [streamflow stations](#). The mean of the [daily flow rates](#) during the reporting period, the reporting period's peak flowrate and historical peak flow rate for each of these stations are contained in this section. Unpublished stream flow data are on file at the Department.

RESERVOIRS

Lists 15 [dams and reservoirs](#) for which inflow, outflow and storage data are on file at the Department.

EROSION CONTROL

115 [debris basins](#). Data on the debris production amounts for the reporting period are contained in this section. Unpublished debris production and inflow data are on file at the Department.

WATER CONSERVATION

Lists 32 [groundwater recharge](#) locations. Data on the water conserved at various facilities and water injected at seawater barrier projects during the reporting period, and historical well level data for key wells are contained in this section. Unpublished water conservation data from previous years are on file at the Department.

Unpublished information may be obtained by contacting:

Los Angeles County Department of Public Works
Water Resources Division
P.O. Box 1460
Alhambra, CA 91802-1460

...or telephone: (626) 458-6120

Los Angeles County

TOPOGRAPHY:

The County of Los Angeles covers an area of 4,083 square miles and measures approximately 66 miles in the east -west and 73 miles in the north - south directions.

The terrain within the County can be classified in broad terms as being 25 percent mountainous; 14 percent coastal plain; and 61 percent hills, valleys, or deserts. Relief of the terrain ranges from sea level to a maximum elevation of 10,000 feet. The coastal plain is generally of mild slope and contains relatively few depressions or natural ponding areas. The slopes of main river systems crossing the coastal plain, such as the San Gabriel River, Los Angeles River, and Ballona Creek, range from 4 to 14 feet per mile.

Topography in the mountainous area is generally rugged with deep, V-shaped canyons separated by sharp dividing ridges. Steep walled canyons with side slopes of 70 percent or more are common. The gradient of principal canyons in the San Gabriel Mountains ranges from 150 to 850 feet per mile. Mountain ranges are aligned in a general east-west direction with the dominant range being the San Gabriel Mountains. The majority of mountain ridges lie below Elevation 5,000 feet. The total area above this level is approximately 210 square miles.

GEOLOGY - SOILS:

Igneous, metamorphic, and sedimentary rock groups are all present within the County. The San Gabriel Mountain and Verdugo Hills are composed primarily of highly fractured igneous rock, with large areas of granite rock formation being exposed. Faulting and deep weathering have produced porous zones in the rock formation; however, rock masses have produced a comparatively shallow soil mantle due to the steepness of slopes which accelerates erosion of the fine material.

Other mountains and hilly reaches are composed primarily of folded and faulted sedimentary rocks, including shale, sandstone, and conglomerate. Residual soils in these areas are shallow and generally less pervious than those of the San Gabriel Mountain range.

Valley and desert soils are alluvial and vary from coarse sand and gravel near canyon mouths to silty clay, clay and sand and gravel in lower valleys and the coastal plain. The alluvial fill has accumulated by repeated deposition of sediments to depths as great as several thousand feet. This fill is quite porous in areas of relatively low clay content. Geologic structures and irregularities in the underlying bedrock divide the alluvium into several groundwater basins. Valley soils are generally well drained but there are a few areas containing perched water.

LAND USE:

The principal vegetative cover of upper mountain areas consists of various species of brush and shrubs known as chaparral. Most trees found on mountain slopes are oak, with alder, willow, and sycamore found along streambeds at lower elevations. Pine, cedar, and juniper are found in ravines at higher elevations and along high mountain summits.

The chaparral is extremely flammable, and extensive burns of the mountain vegetation frequently occur during dry, low-humidity weather accompanied by high winds. Chaparral has the ability to sprout following fire and grows rapidly to re-establish the watershed cover within a period of 5 to 10 years.

Grasses are the principal natural vegetation on the hills. Much of the hill land and nearly all of the valley land in the densely populated portion of the County south of the San Gabriel Mountains has been converted to urban and suburban use. Development of the Santa Clarita Valley and desert areas to the north of the San Gabriel Mountains is sparse at present but is proceeding rapidly.

CLIMATE:

The climate within the County varies between subtropical on the Pacific Ocean side of the San Gabriel Mountain range to arid in the Mojave Desert. Nearly all precipitation occurs during the months of December through March. Precipitation during summer months is infrequent, and rainless periods of several months are common. Snowfall at elevations above 5,000 feet is frequently experienced during the winter storms, but the snow melts rapidly except on higher peaks and the northern slopes. Snow is rarely experienced on the coastal plain.

January and July are the coldest and warmest months of the year, respectively. At the Los Angeles civic center, the 30-year average daily minimum temperature for January is 48 degrees (Fahrenheit) above zero. The average daily maximum temperature for July is 84 degrees. At Mount Wilson (Elevation 5,850 feet), the 30-year average daily minimum temperature for January is 35 degrees above zero and the average daily maximum temperature for July is 80 degrees.

HYDROMETEOROLOGIC CHARACTERISTICS:

Coastal and Mountain Areas Precipitation (rainfall) in the Los Angeles area occurs primarily in the form of winter orographic rainfall cyclones of North Pacific associated with extra tropical origin. Major storms consist of one or more frontal systems and occasionally last four days or longer. Air masses and frontal systems associated with major storms commonly extend for 500 to 1,000 miles in length and produce rainfall simultaneously throughout the County. Major storms approach Southern California from the west or northwest with southerly winds which continue until frontal passage. The mountain ranges lie directly across the path of the inflow of warm, moist air, and orographic effects greatly intensify precipitation.

The seasonal normal rainfall in Los Angeles County ranges from 27.50 inches in the San Gabriel Mountains to 7.83 inches in the desert. The annual County average for the annual rainfall for Los Angeles County is 15.65 inches. The effects of snow melt upon flood runoff is of significance in the few cases when warm spring rains from southerly storms fall on a snow pack. During major storms, temperatures throughout the County may remain above freezing. Average individual storm rainfall amounts and intensities conform to a fairly definite aerial pattern which reflects general effects of topographic differences.

Desert Areas

Summer convective rainfall is principally experienced in the upper San Gabriel Mountains and the Mojave Desert regions. In many desert areas, the most serious flooding occurs as a result of summer convective storms.

RUNOFF CHARACTERISTICS:

Mountain Areas

In mountain areas, the steep canyon slopes and channel gradients promote a rapid concentration of storm runoff. Depression storage and detention storage effects are minor in the rugged terrain. Soil moisture during a storm has a pronounced effect on runoff from the porous soils supporting a good growth of deep-rooted vegetation such as chaparral. Soil moisture deficiency is greatest at the beginning of a rainy season, having been depleted by the evapotranspiration process during the dry summer months. Precipitation during periods of soil moisture deficiency is nearly entirely absorbed by soils, and except for periods of extremely intense rainfall, significant runoff does not occur until soils are wetted to capacity. Due to high infiltration rates and porosity of mountain soils, runoff occurs primarily as subsurface flow or interflow in addition to direct runoff. Spring or base flow is essentially limited to portions of the San Gabriel Mountain range. Consequently, most streams in the County are intermittent.

Runoff from a mountain watershed recently denuded by fire exceeds that for the unburned state due to greatly increased quantities of inorganic debris present in the flow and increased direct runoff resulting from lowered infiltration rates. Debris production from a major storm has amounted to as much as 223,000 cubic yards per square mile of watershed. Boulders up to eight feet in diameter have been deposited in valley areas a considerable distance from their source.

Debris quantities equal in volume to storm runoff, representing a 100 percent bulking of runoff from a major storm, have been recorded. Where debris-laden flow traverses an alluvial fill unconfined by flood control works, flood discharges follow an unpredictable path across the debris cone formed at the canyon mouth.

Hill and Valley Areas

In hill areas, runoff concentrates rapidly from the generally steep slopes; however, runoff rates from undeveloped hill areas are normally smaller than those from mountain areas of the same size. In those hill areas which have been developed for residential use, concentration times become considerably decreased due to drainage improvement, and runoff volumes and rates have increased due to increased imperviousness. On the other hand, erosion is controlled and debris is minimized from storm flows. Debris production rates from undeveloped hill areas are normally smaller than those from mountain areas of the same size.

In highly developed valley areas, local runoff volumes have increased as the soil surface has become covered by impervious materials. Peak runoff rates for valley areas have also increased due to elimination of natural ponding areas and improved hydraulic efficiency of water carriers such as streets and storm drain systems.

Flood Control & Water Conservation

FLOODS. . .AN OLD STORY:

Floods in Los Angeles County have been recorded as far back as the days of the Mission Padres. For centuries waters have swept out of the San Gabriel Mountains causing extensive property damage and taking a great toll of lives.

Such a flood occurred in 1914 causing over \$10 million in property damage and taking many lives. As a result, the State legislature in 1915 enacted the statute creating the Los Angeles County Flood Control District. The responsibilities and authority vested in the Flood Control District were, in 1985, transferred to and are now part of the Los Angeles County Department of Public Works.

The Department, under the Flood Control Act, has two tasks. . .control the floods and conserve the water.

CONTROLLING THE WATERS:

Successful early bond issues financed construction of the 15 dams which the Department built in the San Gabriel Mountains and foothills to impound storm waters until they could be safely released. Debris basins were constructed to trap eroded materials which had caused terrible damage in the past. Flood channel improvements were undertaken to confine the waters and convey them safely through the urbanized areas to the ocean.

District engineers prepared a Comprehensive Plan in the early 1930's which would control flooding and save as much of the water as practicable when fully implemented.

Federal legislation in 1936 brought the United States Army Corps of Engineers into the local flood control picture. Since that time, the two agencies have been jointly pursuing implementation of the Comprehensive Plan. The Department also cooperates with the United States Natural Resources Conservation Service and Forest Service in erosion control.

CONSERVING THE WATERS:

In addition to its flood control program, the Department has the equally important mission of conserving as much of the storm and other waste waters as practicable. The use of water conservation facilities in or adjacent to river channels and their tributaries permits water to be percolated into groundwater aquifers or basins for later pumping and supply to consumers. These water conservation facilities are located in areas where the underlying soils are composed of porous sands and gravel formations. Some are shallow and resemble rice paddies, while others are deep basins which were once gravel pits.

The importance of this activity is apparent when it is realized that about 30 to 40 percent of the water used in the County is pumped from groundwater supplies. The growth of the County, combined with periodic droughts, seriously depleted these supplies on numerous occasions throughout the history of the County.

Other major conservation efforts by the Department include combating the serious salt water intrusion into groundwater supplies inland from the Pacific Ocean and utilizing imported and reclaimed water to help replenish groundwater supplies.

ORGANIZED TO DO THE JOB:

Day-to-day administration of Department affairs is vested in the Director of Public Works who is appointed by and responsible to the Los Angeles County Board of Supervisors. A part of the Department's activities involve the planning, design and construction of flood control and water conservation facilities, and the operation and maintenance of dams, debris basins, spreading grounds, channels, and storm drains.

P R E C I P I T A T I O N

The Department operates and maintains a network of rain gage stations to collect rainfall (precipitation) data for the purposes of in-house engineering and design of flood control and water conservation facilities.

RAINFALL AMOUNTS:

Although the Department operates and maintains 273 raingage stations, including those which record amounts for durations ranging from 5 minutes to 24 hours, only annual amounts for the report period are listed herein. Additional data (e.g., intensities) can be obtained by contacting the [custodian](#) of hydrologic records.

ALERT SYSTEM

Automated Local Evaluation in Real Time:

The Department of Public Works operates and maintains a state-of-the-art ALERT computer system to monitor meteorological conditions in the County and Southern California in real time, i.e., as they occur. The system includes a network of field sensors that monitor and receive precipitation amounts including rainfall data from the Corps of Engineers' Los Angeles Telemetry System. During the 1996-97 Water Year the Department converted all of its automatic recording raingage stations from weighing bucket mechanisms to ALERT stations with tipping bucket mechanisms.

COOPERATION:

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

Data from 22 stations of the Department's records are reported and published by the National Oceanic and Atmospheric Administration (NOAA).

CUSTODIAN:

Unpublished information may be obtained by contacting:

Los Angeles County Department of Public Works
Water Resources Division
P.O. Box 1460
Alhambra, CA 91802-1460

...or telephone: (626) 458-6120

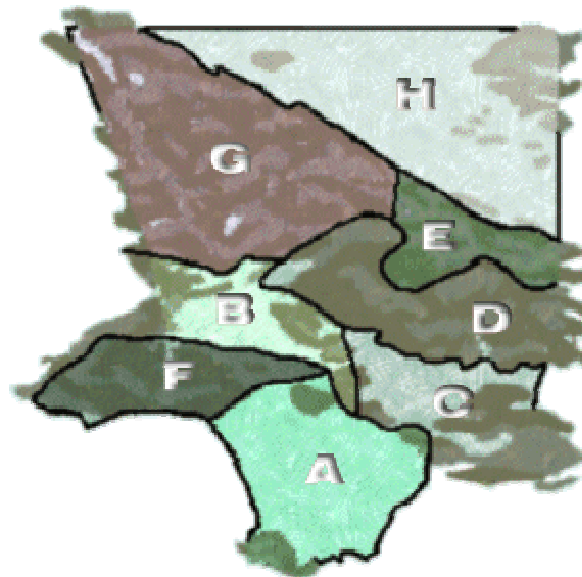
P R E C I P I T A T I O N

RAINFALL INDICES
 USING SELECTED STATIONS
 FOR THE PERIOD OCTOBER 1, 1997 THROUGH SEPTEMBER 30, 1998 **

Area	Percent of Area	Seasonal Normal (inches)	Total Percipitation to Date	Percent of Seasonal Normal
A. COASTAL PLAIN	14.1%	13.71	30.46	222%
B. SAN FERNANDO VALLEY	7.9%	17.62	39.27	223%
C. SAN GABRIEL VALLEY	7.5%	17.64	35.57	202%
D. SAN GABRIEL MTS.	13.4%	27.50	53.13	193%
E. LITTLE ROCK, BIG ROCK	4.5%	18.61	29.85	160%
F. SANTA MONICA MTS.	5.7%	19.96	42.85	215%
G. SANTA CLARA	18.9%	16.64	39.24	236%
H. DESERT	28.0%	7.83	18.06	231%
County*	100.0%	15.65	33.44	214%
LOS ANGELES (STATION #716)		15.51	33.53	216%
COGSWELL DAM (STATION #334B)		32.88	67.41	205%

* - Season Normal and Total Precipitation to Date sections of this line are derived from Area Weighted Average.

** - Data Revised March 2011



PRECIPITATION

Active Rain Gage Stations During Water Year 1997 - 1998 *

Station No.	Station Name	Gage Type	Thomas Guide Page	North Latitude	West Longitude	Gage Elev. (ft)	Season Total (in)	Notes
5B	Calabasas	S	100 F3	34-09-24	118-38-14	924	42.38	
6	Topanga Patrol Station	DA	590 A7	34-05-03	118-35-57	745	35.12	
9B	Sepulveda and Rayen	S	531 H1	34-13-52	118-28-04	828	36.03	
10A	Bel Air Hotel	DA	592 B7	34-05-11	118-26-45	540	44.88	
11D	Upper Franklin Canyon Reservoir	SP	592 F2	34-07-10	118-24-35	867	40.19	
13C	North Hollywood-Lakeside	S	563 B5	34-08-46	118-21-13	550	41.40	
14C	Roscoe-Merrill	S	503 B6	34-14-19	118-21-32	1050		NA
15A	Van Nuys	S	561 G	34-10-48	118-27-03	695		NA
17	Sepulveda Canyon At Mulholland	DA	561 E7	34-07-51	118-29-26	1425	48.11	
20B	Girard Reservoir	S	559 J4	34-09-07	118-36-36	986	43.78	
21B	Woodland Hills	S	560 A2	34-10-14	118-35-33	875	38.04	
23B	Chatsworth Reservoir	SP	529 G1	34-13-44	118-37-18	900	41.00	
25C	Northridge-L.A.D.W.P.	SP	530 H1	34-13-52	118-32-28	810	37.95	
32C	Newhall - Fire Station 73	AP S	4550 J7	34-23-07	118-31-54	1243	35.77	E
33A	Pacoima Dam	SA	4642 F7	34-19-48	118-23-59	1500	37.66	
42C	Redondo Beach-City Hall	S	762 G5	33-50-43	118-23-20	70	27.95	
43D	Palos Verdes Estates	S	792 H4	33-47-58	118-23-29	216	27.65	
44A	Point Vicente Lighthouse	DA	822 F5	33-44-30	118-24-38	125	19.84	
46D	Big Tujunga Dam	SA	4725 C6	34-17-40	118-11-14	2315	48.99	
47D	Clear Creek-City School	DA	505 F1	34-16-38	118-10-12	3150	43.83	
53D	Colby's	DA	4726 C4	34-18-05	118-06-39	3620		NA
54C	Loomis Ranch-Alder Creek	DA	4557 A4	34-20-55	118-02-54	4325	34.64	
57B	Camp Hi Hill (Opids)	DA	506 E3	34-15-18	118-05-41	4250	65.72	E
63C	Santa Anita Dam	S DA	537 E2	34-11-03	118-01-12	1400	48.80	
67G	Monrovia-Mountain Avenue	S	567 J4	34-08-46	117-59-05	602	38.06	
68C	Sawpit Dam	SA	537 J7	34-10-30	117-59-07	1375	47.81	
82F	Table Mountain	S	4561 G6	34-22-56	117-40-39	7420	35.00	E
83B	Big Pines Recreation Park	DA	4561 F6	34-22-44	117-41-20	6860	31.24	
89B	San Dimas Dam	SA	570 F2	34-09-10	117-46-17	1350	41.31	
93C	Claremont-Police Station	8.81	601 C3	34-05-45	117-43-18	1170	32.06	
95	San Dimas-Fire Warden	S	600 B3	34-06-26	117-48-19	955	33.82	
96C	Puddingstone Dam	S DA	600 B4	34-05-31	117-48-24	1030	35.84	
102D	Walnut-N.I. Industries	S	679 E3	34-00-11	117-52-10	500	35.19	
106F	Whittier City Yard	S	677 B5	33-58-57	118-02-50	300	29.45	

LEGEND

8.81	8.81 inch diameter no-recording gage owned by the Public Works
AP	Automatic recording gage owned by outside interest
DA	Daily Automatic
S	Standard 8 inch diameter non-recording gage owned by the Public Works
SA	Automatic recording gage owned by the Public Works
SP	Standard 8 inch diameter non-recording gage owned by outside interest

NOTES:

E	Estimate
A	Accumulated Total
I	Incomplete
TI	Temporary Inactive
NA	Not Available

PRECIPITATION

Active Rain Gage Stations During Water Year 1997 - 1998 *

Station No.	Station Name	Gage Type	Thomas Guide Page	North Latitude	West Longitude	Gage Elev. (ft)	Season Total (in)	Notes
107D	Downey-Fire Department	S	705 J7	33-55-48	118-08-47	110	32.72	
108D	El Monte Fire Station	S	597 C7	34-04-30	118-02-30	275	35.91	E
109D	West Arcadia	S	566 G7	34-07-42	118-04-22	547	39.51	
110B	Alhambra	S	569 A4	34-05-40	118-07-41	533	38.86	
120	Vincent Patrol Station	S	4375 H6	34-29-17	118-08-27	3135	17.12	
125B	San Francisquito Canyon Ph#1 - Saugus	SP	X	34-35-25	118-27-15	2105	42.26	E
128B	Elizabeth Lake	DA	X	34-36-28	118-33-40	2075		NA
134C	Puddingstone Diversion	8.81	570 F5	34-07-52	117-46-55	1160	34.80	
143B	Azusa-City Park	S	568 J	34-08-03	117-54-17	610		NA
144	Sierra Madre Dam	S	537 B4	34-10-34	118-02-32	1100	48.43	
156B	La Mirada-Standard Oil Company	DA	737 F5	33-52-59	118-01-00	75	46.30	
158	Tanbark Flats	DA	IX	34-12-20	117-45-40	2750		NA
167C	Arcadia Pumping Plant #1	S	567 D2	34-09-31	118-02-02	611	40.28	E
169	Sierra Madre Pumping Plant	SP	567 B2	34-09-47	118-02-21	700	41.41	E
170F	Potrero Heights	S	636 H5	34-02-32	118-04-44	285	38.52	
172B	Duarte	S	568 C4	34-08-26	117-58-02	548	34.27	I
174B	Glendora	S	570 A6	34-07-43	117-49-08	930	33.84	
175B	La Canada Irrigation District	S	535 A1	34-13-39	118-12-40	2020	48.95	E
176	Altadena-Rubio Canyon	SP	536 A1	34-10-55	118-08-15	1125	43.14	
191C	L.A.C.D.P.W.-Warehouse	DA	635 B	34-03-48	118-11-58	400		NA
193C	Covina-Nigg	S	599 D5	34-04-55	117-52-25	575	35.02	
196C	La Verne-Fire Station	S	600 G2	34-06-06	117-46-20	1050	30.83	
200	Saugus-S.C. Edison Co.	S	4550	34-25-21	118-34-26	1096		NA
201D	Hacienda Heights	DA A	677 J4	33-59-40	117-59-28	875		NA
210C	Brand Park	DA	534 C6	34-11-18	118-16-20	1250	29.00	E
216C	Glendale - Jackson	S	564 F5	34-09-54	118-15-01	615	35.56	A
223C	Big Dalton Dam	SA	570 B1	34-10-06	117-48-36	1587	49.29	
224D	Long Beach-Alamitos L	S	796 A	33-46-42	118-08-04	45		NA
225	Montana Ranch-Lakewood	S	766 C4	33-50-35	118-07-09	47	32.90	
226B	Burbank Fire Station	S	533 H7	34-10-58	118-18-23	680		NA
227D	San Gabriel-Bruington-Orton	S	596 D2	34-06-18	118-06-32	472	40.19	E
228C	Beverly Hills City Hall	S	632 G1	34-06-00	118-23-40	245	36.34	E
235C	Henniger Flats	8.81	536 F5	34-11-38	118-05-17	2550	52.29	
237C	Stone Canyon Reservoir	SP	591 J3	34-06-21	118-27-13	865	40.13	

LEGEND

8.81	8.81 inch diameter no-recording gage owned by the Public Works
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NOTES:

E	Estimate
A	Accumulated Total
I	Incomplete
TI	Temporary Inactive
NA	Not Available

PRECIPITATION

Active Rain Gage Stations During Water Year 1997 - 1998 *

Station No.	Station Name	Gage Type	Thomas Guide Page	North Latitude	West Longitude	Gage Elev. (ft)	Season Total (in)	Notes
238	Hollywood Dam	SP	593 F2	34-07-04	118-19-55	750	39.62	
250D	Acton Camp	DA	4465 A5	34-27-02	118-11-55	2625		NA
251C	La Crescenta	S	534 F1	34-13-20	118-14-40	1440	45.13	E
252C	Castaic Lake	SP AP	4369	34-29-53	118-36-53	1150	45.50	E
255F	Mount San Antonio College-Spadra	S	639 J4	34-02-41	117-50-19	720	37.87	
261F	Acton-Escondido Canyon	DA	4374 B6	34-29-42	118-16-22	2960	24.93	
269D	Diamond Bar Fire Station	SP	680 B2	33-59-50	117-48-55	870	36.98	
277	Sawmill Mountain	S	X	34-43-15	118-35-00	3700	48.34	
280C	Flintridge-Sacred Heart	DA	535 E7	34-10-54	118-11-08	1600	41.22	
283C	Crystal Lake-East Pine Flat	DA	4651 G1	34-19-02	117-50-28	5370	49.68	
287B	Glendora-City Hall	8.81	569 E5	34-08-09	117-51-52	785	42.56	
290B	Monterey Park-Fire Station	S	636 A5	34-02-27	118-07-42	305	26.69	I
291	Los Angeles-96th and Central	DA	704 E5	33-56-56	118-15-17	121	28.00	
292D	Encino Reservoir	S	561 B4	34-08-56	118-30-57	1075	44.44	
293B	Los Angeles Reservoir	SP	481 E5	34-17-18	118-28-54	1150	38.05	
294B	Sierra Madre-Mira Monte Pumping Plant	SP	567 A1	34-10-11	118-02-51	985	46.45	E
298C	Gorman - Sheriff	DA	X	34-47-47	118-51-27	3835	32.88	E
299F	Little Rock - Schwab	S	4287 H7	34-32-12	117-58-43	2800	15.22	
303F	Pasadena - Cal.tech.	S	566 B6	34-08-14	118-07-25	800		NA
306H	Zuma Beach	S	667 B1	34-01-15	118-49-42	15	36.42	
321	Pine Canyon Patrol Station	DA	4102 C3	34-40-24	118-25-45	3286	36.75	E
322	Munz Valley Ranch	S	4013 A4	34-42-50	118-21-15	2600	24.92	E
334B	Cogswell Dam	SA	XI	34-14-37	117-57-35	2300	67.41	
336	Silver Lake Reservoir	SP	537 A1	34-06-08	118-15-54	445	35.56	A
338C	Mt. Wilson-Observatory	SP	571 G6	34-14-07	118-04-28	5709	64.38	
342C	Upland-Water Facilities Authority	S	626 F2	34-07-33	117-40-52	1610	33.16	
352B	Lechuza Patrol Station	DA	594 A5	34-04-38	118-52-47	1620	34.82	E
355B	Los Angeles City College	AP S	594 A5	34-05-14	118-17-28	310		NA
356C	Spadra-Lanterman Hospital	S DA	640 B4	34-02-31	117-48-35	690	35.01	E
372	San Francisquito Power House No.2	SP DA	X	34-32-02	118-31-27	1580	37.64	E
373C	Briggs Terrace	S	504 H6	34-14-17	118-13-27	2200	51.53	
377F	Lake Sherwood Estates	SP AP	557 A4	34-08-26	118-52-31	960	50.16	
379B	San Gabriel-East Fork	DA	510 B5	34-14-09	117-48-18	1600	37.23	E
387B	Covina City Yard	SP	599 B5	34-05-02	117-53-57	508	33.29	

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NOTES:

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A	Accumulated Total
I	Incomplete
TI	Temporary Inactive
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PRECIPITATION

Active Rain Gage Stations During Water Year 1997 - 1998 *

Station No.	Station Name	Gage Type	Thomas Guide Page	North Latitude	West Longitude	Gage Elev. (ft)	Season Total (in)	Notes
388D	Paramount-County Fire Department	8.81	735 G4	33-53-50	118-10-02	80	43.62	
390B	Morris Dam	SP	539 C6	34-10-53	117-52-43	1210	46.47	
391C	Montebello-Fire Department	8.81	676 E2	34-01-08	118-06-15	250	41.51	
394	Highland Park	S	595 E1	34-07-06	118-10-39	620	30.66	A
402F	Cedar Springs	DA	XI	34-21-21	117-52-34	6780	40.84	E
405B	Soledad Canyon	S	4463 J6	34-26-23	118-17-33	2150	30.51	
406C	West Azusa	S	598 H2	34-06-53	117-54-56	505	35.95	
409B	Pyramid Reservoir	SP	X	34-40-34	118-46-47	2505	48.75	
415	Signal Hill-City Hall	S DA	795 G3	33-47-49	118-10-03	140	29.01	E
423C	Angeles Forest-Aliso	DA	XI	34-24-57	118-05-26	3920	35.30	E
425B	San Gabriel Dam	S DA	509 E3	34-12-19	117-51-38	1481	54.64	
434	Agoura	DA	558 B7	34-08-08	118-45-08	800	39.88	
435	Monte Nido	DA	628 J1	34-04-41	118-41-35	600	48.11	
436C	Hansen Dam	DA	502 G3	34-16-08	118-23-59	1110	29.36	
442C	Mescal Creek	S	XI	34-29-05	117-44-10	3570	14.47	A
443B	Latigo Canyon-Beach R	S	587 D	34-05-35	118-48-52	1700		NA
446	Aliso Canyon-Oat Mountain	DA	480 F3	34-18-53	118-33-25	2367	45.36	E
447C	Carbon Canyon	S	629 F6	34-02-18	118-38-56	50	30.16	E
449B	Eaton Wash Dam	S DA	566 E1	34-10-06	118-05-33	880	41.25	A
453D	Devil's Gate Dam	DA	535 E7	34-10-53	118-10-27	980	36.46	E
455B	Lancaster-State Hwy Maintenance Sta.	S	4105 J1	34-40-57	118-08-02	2395	15.59	E
462B	Los AngelesHillcrest Country Club	S	632 F4	34-02-54	118-24-06	185	38.89	
465C	Sepulveda Dam	S DA	561 G2	34-10-06	118-28-11	683	38.93	
480B	Temple City Fire Station	S	597 A2	34-06-31	118-03-25	404		NA
482	Los Angeles-U.S.C.	S	674 A1	34-01-14	118-17-15	208	30.47	
488B	Kagel Canyon Patrol Station	S	482 D5	34-17-45	118-22-30	1450	32.80	E
491D	Pacific Palisades	S	630 J6	34-02-22	118-31-43	293	41.00	
492A	Chilao - State Highway Maintenance Sta.	DA	4557 F1	34-19-05	118-00-30	5275	56.02	
493D	Sand Canyon-Macmillan	DA	4552 D7	34-23-17	118-24-50	1805		NA
497	Claremont-Slaughter	S	571 B7	34-07-35	117-43-55	1350	35.57	A
542	Fairmont	SP	X	34-42-15	118-25-40	3050	33.82	
560A	La Verne Heights	S	640 A	34-06-02	117-45-02	1210		NA
564C	Llano	S	4379 F5	34-29-13	117-50-02	3390	17.91	
591B	Santa Anita Reservoir	SP	536 E7	34-11-08	118-06-16	1205	41.69	

LEGEND

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NOTES:

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PRECIPITATION

Active Rain Gage Stations During Water Year 1997 - 1998 *

Station No.	Station Name	Gage Type	Thomas Guide Page	North Latitude	West Longitude	Gage Elev. (ft)	Season Total (in)	Notes
598C	Neenach-Erstad	S	X	34-46-28	118-35-55	3062		NA
598D	Neenach-Check 43-California D.W.R.	SP	X	34-47-40	118-37-15	2965	23.29	
610B	Pasadena-City Hall	SP	565 J4	34-08-54	118-08-36	864	39.02	
612B	Pasadena-Chlorine Plant	SP	535 F3	34-12-04	118-09-49	1160	52.95	
613C	Pasadena Fire Station	SP	566 A6	34-07-15	118-08-05	779	39.16	
619	San Antonio Canyon-Sierra Power House	DA	XI	34-12-29	117-40-26	3110	54.70	E
627	San Gabriel Canyon-Power House	SP DA	568 J3	34-09-20	117-54-28	744	44.23	
634C	Santa Monica	S	671 E2	34-00-43	118-29-27	94	32.48	
662D	Long Beach Airport	SP	791 J1	33-49-00	118-09-00	34	29.21	
680B	Westwood (U.C.L.A.)	SP	632 B1	34-04-10	118-26-30	430	43.27	
683B	Sunset Ridge	S	535 F5	34-12-53	118-08-47	2110	38.45	
694G	Big Tujunga Canyon-Cmp	DA	X	34-17-22	118-17-17	1525	36.38	
695B	Tujunga Canyon-Vogel Flat	S	X	34-17-12	118-13-32	1850	59.10	
716	Los Angeles-Ducommun St.	SP A AP	634 H4	34-03-09	118-14-13	306	33.53	
726C	Angeles Crest Guard Station	S	X	34-14-01	118-11-04	2300	34.59	I
734C	Los Angeles International Airport	SP	702 G5	33-56-25	118-23-44	105	30.99	
735H	Bell Canyon	DA	529 D6	34-11-40	118-39-23	895	29.17	
742C	San Gabriel Fire Department	SP	596 F4	34-06-11	118-05-56	445	37.74	
747	Sandberg-Airways Station	SP	X	34-44-47	118-43-29	4517		NA
749B	Burbank Valley Pump Plant	SP	533 C6	34-11-11	118-20-54	655	36.20	
750B	Palmdale-F.A.A. Airport	S	4196 E5	34-37-20	118-05-00	2528	14.76	
794	Lower Franklin Reservoir	SP	592 F6	34-05-43	118-24-40	585	36.34	
795	Pasadena-Jourdan	SP	566 F5	34-08-52	118-05-14	705	38.16	
797	De Soto Reservoir	SP	500 B2	34-16-17	118-35-12	1127	42.57	
801B	Magic Mountain	S	X	34-23-18	118-19-27	4720	53.64	
802C	Eagle Rock Reservoir	SP	565 C5	34-08-47	118-11-20	970	61.06	
807	Ascot Reservoir	SP	595 C6	34-04-46	118-11-14	620	36.60	
1005B	Mint Canyon Fire Station	S	X	34-30-35	118-21-40	2300	24.03	
1006	San Pedro-City Reservoir	SP	824 B4	33-44-37	118-17-47	150		NA
1011B	Palos Verdes Fire Station	S	823 D3	33-45-25	118-21-11	1275	30.96	
1012B	Castaic Junction	SA	4459 H7	34-26-18	118-36-43	1005	4.57	I
1017B	Little Rock Creek Above dam	DA	XI	34-28-41	118-01-24	3280		NA
1020B	Padua Hills Patrol Station	S	571 F3	34-08-52	117-41-55	1800	33.08	I
1025	Malibu Beach-Dunne	S	628 G7	34-02-00	118-42-42	160	28.76	

LEGEND

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NOTES:

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PRECIPITATION

Active Rain Gage Stations During Water Year 1997 - 1998 *

Station No.	Station Name	Gage Type	Thomas Guide Page	North Latitude	West Longitude	Gage Elev. (ft)	Season Total (in)	Notes
1029C	Tujunga-Mill Creek Summit ranger station	AP S	X	34-23-22	118-04-49	4990	43.22	E
1037	Arcadia-Arboretum	S	567 A5	34-08-48	118-02-59	565	38.98	E
1041B	Santa Fe Dam	S	598 A	34-07-04	117-58-24	427	35.47	
1046B	Santa Anita Cyn-Chantry flat	S	537 E	34-11-46	118-01-20	2175	59.49	
1050F	Old Topanga Canyon	S	108 F3	34-06-24	118-37-43	1000	57.99	
1051B	Canoga Park-Pierce College	SP	530 D	34-10-51	118-34-23	800	28.80	
1058B	Palmdale	SP	4196	34-35-17	118-05-31	2595	13.55	
1060B	Little Rock-Sycamore Camp	DA	XI	34-25-02	117-58-13	4000		NA
1062	Buckhorn Flat	DA	XI	34-20-44	117-55-08	6760		NA
1063	Soledad Pass	S	4376	34-29-35	118-05-28	3520	22.63	I
1070	Manhattan Beach	S	732 J	33-53-00	118-23-19	182	29.75	
1071B	Descanso Gardens	S	535 B	34-12-07	118-12-46	1325	44.27	
1072B	Little Tujunga Ranger Station	SP	4723	34-17-37	118-21-38	1275	2.53	I
1074	Little Gleason	DA	X	34-22-43	118-08-57	5600	55.00	E
1076B	Monte Cristo Ranger Station	SP	XI	34-19-42	118-07-20	3360	42.58	
1077B	Monrovia-Five Points	S	567 G	34-09-58	117-59-37	962	43.24	
1081B	Glendale-Gregg	SP	534 F	34-11-45	118-14-30	1350	42.26	E
1087	Green-Verdugo Pumping Plant	S	503 D	34-15-25	118-20-11	1340	38.47	
1088B	La Habra Heights-Mutual Water Co.	SA	708 D	33-56-55	117-57-51	445	30.34	
1095	Orange County Reservoir	SP	OC 2 F	33-56-07	117-52-58	660	31.26	
1107D	La Tuna Debris Basin	DA	503 E	34-14-13	118-19-37	1160	32.63	
1113	Dominguez Water Co.	DA	764 J	33-49-54	118-13-30	30	25.79	
1114B	Whittier Narrows Dam	AP	636 H	34-01-29	118-05-02	239	36.84	
1115	San Antonio Dam	SP	571 J	34-09-24	117-40-20	2120	46.25	
1126A	Los Angeles-East Valley	8.81	532 E	34-12-30	118-24-35	780	26.43	
1128	Wrightwood Fire Department	SP	S.B.CO	34-21-34	117-37-57	5960	22.70	
1129B	Nicholas Canyon	S	626 A	34-02-52	118-54-57	340	28.35	
1140	Rosemead	8.81	597 C	34-04-53	118-03-55	305		NA
1147	El Caballero Country	S	560 J	34-08-52	118-31-53	1000		NA
1152	Clear Creek Ranger Station	S	XI	34-16-15	118-09-11	3625	51.31	
1158	Torrance Municipal Airport	S	793 E	33-47-59	118-20-08	102	30.66	
1166B	Mile High Ranch	S	XI	34-24-40	117-46-15	5280	26.61	
1169B	Piru-Temescal Guard Station	SP	V.CO.	34-28-22	118-45-21	1150	48.33	E
1170B	Thousand Oaks Weather Station	AP	V.CO.	34-10-44	118-51-01	805	41.29	

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Station No.	Station Name	Gage Type	Thomas Guide Page	North Latitude	West Longitude	Gage Elev. (ft)	Season Total (in)	Notes
1171B	Camulos Ranch	SP	V.CO.	34-24-22	118-45-21	725	42.72	E
1172B	Piru Canyon Above Piru Lake	S	V.CO.	34-30-48	118-45-24	1120	48.45	
1173B	Tapo Canyon	S	V.CO.	34-19-54	118-42-39	1525	40.75	
1177B	Bard Reservoir	S	V.CO.	34-14-32	118-49-41	1010	34.94	
1191	Bear Divide	S	128 F6	34-21-35	118-23-37	2700	49.02	
1193	Westlake Village	S	557 C	34-08-19	118-49-05	885	30.62	I
1194	Santa Ynez Reservoir	S	630 E	34-04-23	118-33-59	735	34.57	
1195	Chino Fire Station No.2	SP	S.B.CO	33-59-00	117-43-20	655	34.04	
1196	Montclair Fire Department	SP	641 H	34-03-41	117-41-16	965	33.84	
1197	Cajon West Summit	SP	S.B.CO	34-23-30	117-34-35	4838		NA
1198	Phelan Fire Control	SP	S.B.CO	34-25-30	117-34-00	4160	11.29	
1211	Hacienda Golf Club	S	O.CO.	33-57-40	117-56-57	750		NA
1212	Lancaster FSS/FAA	SP	4014	34-44-00	118-13-00	2340	15.51	E
1216	Rancho Palos Verdes	S	822 H	33-45-10	118-23-32	780	26.83	
1217	Los Angeles Country Club	S	632 D	34-04-10	118-25-17	380	40.46	
1222	Northridge-Garland	8.81	501 C	34-14-17	118-30-59	911	37.77	
1223	Woodland Hills-Sherman	8.81	559 E	34-10-06	118-38-57	1035	40.54	
1239	Malibu-Big Rock Mesa	DA	629 H	34-02-34	118-37-16	725	39.57	
1240	Pearblossom-Calif.D.W.R. Booster Sta.	SP	4378	34-30-32	117-55-15	3050	15.86	
1242	Rocky Buttes	DA	XI	34-39-00	117-51-48	2540	11.47	E
1243	Redman	DA	XI	34-45-52	117-55-30	2360	9.67	E
1245	Quartz Hill Hall	DA	4104	34-40-28	118-14-40	2395	7.56	I
1247	North Lancaster	DA	3926	34-45-41	118-07-30	2310	8.95	E
1248	Mescal-Smith	DA	XI	34-28-03	117-42-40	3810	5.92	I
1249	Relay	DA	XI	34-45-43	117-47-55	3140	9.29	E
1250	Avek	DA	4288	34-32-21	117-55-23	2825	12.39	E
1251	Palos Verdes-Whites Point	SP	853 H	33-42-50	118-19-02	100		NA
1252	Palos Verdes Landfill	SP	793 D	33-45-40	118-20-03	400	34.45	A
1253	Carson-County Sanitation	SP	794 C	33-48-07	118-16-58	40		NA
1254	Long Beach Reclamation Plant	SP	796 G	33-48-11	118-05-20	20	25.59	
1255	Los Coyotes Reclamation Plant	SP	736 E	33-53-05	118-06-24	70	27.45	
1256	South Gate Transfer Station	SP	705 G	33-56-40	118-09-56	100	29.76	
1257	San Jose Creek Reclamation Plant	SP	637 F	34-01-55	118-01-16	275	35.59	E
1258	Puente Hills Landfill	SP	637 D	34-01-35	118-01-49	300	35.00	A

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1259	Whittier Narrows Reclamation Plant	SP	636 J	34-03-59	118-03-54	225	35.51	E
1260	Spadra Landfill	SP	640 A	34-02-36	117-49-50	700	37.69	A
1261	La Canada Reclamation Plant	SP	535 D	34-13-00	118-11-14	1800	43.99	E
1262	Saugus Reclamation Plant	SP	4550	34-24-48	118-32-23	1150	33.44	E
1263	Valencia Reclamation Plant	SP	4549	34-25-55	118-37-13	1000	32.99	E
1265	Scholl Canyon Landfill	SP	565 C	34-08-38	118-11-07	1000	38.45	A
1266	Mission Canyon Landfill	SP	591 G	34-08-40	118-28-45	1150	34.90	A
1267	Lancaster Reclamation Plant	SP	3925	34-46-38	118-09-11	2302	14.46	E
1268	Palmdale Reclamation Plant	SP	4196	34-35-30	118-05-10	2565	13.26	E
1271	Pomona Waste Reclamation Plant	SP	640 E	34-03-18	117-47-34	786	37.26	E
1274	Whittier - Valna Drive	S	707 F	33-57-39	118-01-10	255	44.21	
1277	DPW Headquarters, Fremont	DA	595 H6	34-05-12	118-09-01	450	30.83	

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DAILY RAINFALL SUMMARY

See Appendix A

EVAPORATION

EVAPORATION

Monthly and seasonal data for 13 active evaporation stations were reported to the Department during the reporting period. Daily records of active and inactive Department stations, as well as some stations of other agencies, are available in the Department's files. This data can be obtained by contacting the [custodian](#) of hydrologic records.

COOPERATION:

The Department receives evaporation data from The Metropolitan Water District, Palmdale Water District, California Department of Water Resources, and Descanso Gardens.

LENGTH OF RECORD:

The Los Angeles County Flood Control District (now administered by the Department) installed its first land pan in March 1929 at Santa Anita Dam. The Department has 30 evaporation stations which have records of 15 seasons or more in the Department's files.

CUSTODIAN:

Unpublished information may be obtained by contacting:

County of Los Angeles
Department of Public Works
Water Resources Division
P.O. Box 1460
Alhambra, CA 91802-1460

...or telephone: (626) 458-6120

EVAPORATION

ACTIVE STATIONS

NO.	STATION NAME	EQUIPMENT	ELEV OF PAN	THOMAS GUIDE	NORTH LAT	WEST LONG
33 A	Pacoima Dam	24X36 S	1500 ft.	482 F1	34-19-48	118-23-59
46 D	Big Tujunga Dam	24X36 S	2315 ft.	xi	34-17-40	118-11-14
63 C	Santa Anita Dam	24X36 S	1400 ft.	710 B2	34-11-03	118-01-12
89 B	San Dimas Dam	24X36 S	1350 ft.	470 F2	34-09-10	117-46-17
96 C	Puddingstone Dam	24X36 S	1030 ft.	600 A4	34-05-31	117-48-24
223 B	Big Dalton Dam	24X36 S	1587 ft.	570 B4	34-10-06	117-48-36
252 C	Castaic Reservoir	48X10 S	1150 ft.	4369 H6	34-29-53	118-36-53
334 B	Cogswell Dam	24X36 S	2300 ft.	ix	34-14-37	117-57-35
390 B	Morris Dam	72X36 US	1210 ft.	ix	34-10-53	117-52-43
409 B	Pyramid Reservoir	48X10 S	2505 ft.	593 E1	34-40-34	118-46-47
425 B	San Gabriel Dam	24X36 S	1481 ft.	ix	34-12-19	117-51-38
1058 B	Palmdale	24X36 S	2595 ft.	4196 E6	34-35-17	118-05-31
1071 B	Descanso Gardens	24X36 S	1325 ft.	535 B4	34-12-07	118-12-46

FOOTNOTES

24X36 S Screened land pan, 24 inches in diameter by 36 inches deep.

48X10 S Screened land pan, 48 inches in diameter by 10 inches deep.

72X36 US Unscreened land pan, 72 inches in diameter by 36 inches deep

EVAPORATION

MONTHLY SUMMARY

ID	Station Name	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
33-A	Pacoima Dam	9.08	6.06	6.47	3.70	3.15	4.97	5.53	4.47	4.88	10.14	12.19	7.57	78.19
46-D	Big Tujunga Dam	7.86	5.30	6.09	3.02	2.71	4.60	5.20	5.04	7.55	14.74	16.00	10.43	88.52
63-C	Santa Anita Dam	5.56	3.54	3.71	2.02	1.03	2.10	3.00	2.48	3.08	5.87	7.13	4.75	44.24
89-B	San Dimas Dam	4.02	2.13	2.13	1.02	0.71	2.21	3.52	3.42	[3.90]	7.88	9.24	4.95	[45.10]
96-C	Puddingstone Dam	5.21	2.75	2.48	1.33	1.23	[]	[4.07]	4.19	5.27	7.95	9.07	5.08	[48.60]
223-C	Big Dalton Dam	4.29	2.43	2.78	1.28	1.41	2.59	3.11	3.31	4.08	6.88	7.59	4.10	43.79
252-C*	Castaic Dam	[]	[]	[]	[]	[]	[]	[]	[]	[]	[11.28]	12.36	7.09	[30.73]
334-B	Cogswell Dam	4.28	1.92	1.64	0.77	0.73	[]	[2.51]	2.70	4.84	8.42	8.23	4.71	[40.73]
390-B	Morris Dam	7.24	4.00	3.88	2.46	1.71	4.17	5.58	5.23	6.65	10.85	11.94	6.91	70.62
409-B*	Pyramid Reservoir	[]	[]	[]	[]	[]	[]	[]	[]	[]	[11.88]	12.47	7.96	[32.31]
425-B**	San Gabriel Dam													
1058-B	Palmdale	6.25	3.61	1.88	1.45	1.30	3.46	5.24	7.04	10.15	13.05	11.12	6.91	71.45
1071-B	Descanso Gardens	4.54	2.04	1.99	1.11	0.71	[2.00]	[2.82]	3.58	3.92	6.33	6.40	4.14	[39.57]

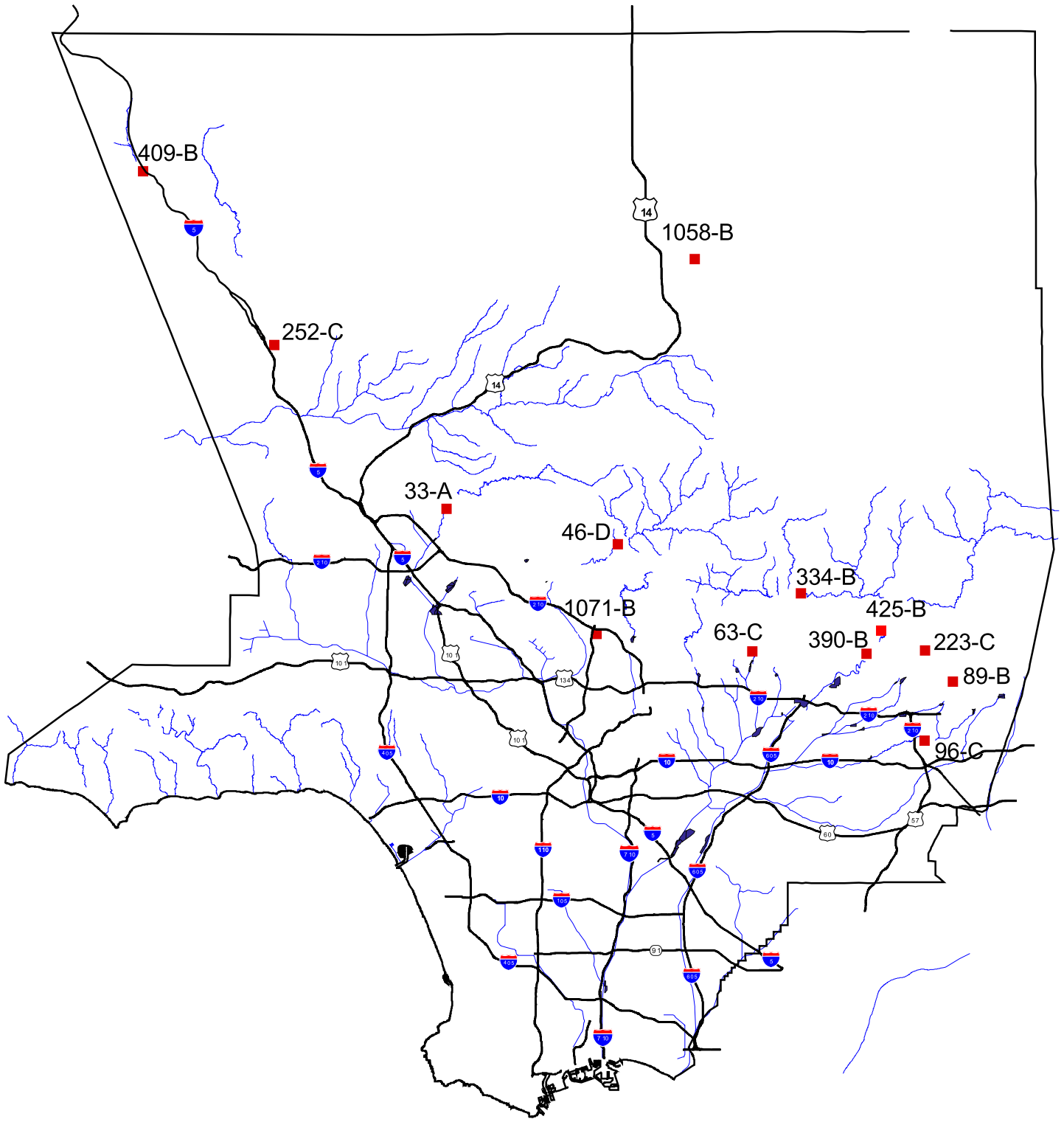
Units are in inches.

[] Missing Data.

*Department of Water Resources

**Malfunction

Evaporation Locations



LEGEND

■ Evaporation Station



R U N O F F

RUNOFF

The Department operates 65 streamflow measurement stations (62 water-stage recording stations and 3 witness gages). Daily mean flow data and maximum instantaneous flow for each station were collected for these [stations](#) during the reporting period. Additional data can be obtained by contacting the [custodian](#) of hydrologic records.

ALERT SYSTEM

Automated Local Evaluation in Real Time

The Department operates and maintains the ALERT computer system to monitor meteorological conditions at 23 river stage locations in the County.

The Department's ALERT System also receives rainfall, streamflow, and reservoir data from the Corps of Engineers' Los Angeles Telemetry System.

CUSTODIAN:

Unpublished information may be obtained by contacting:

Los Angeles County Department of Public Works
Water Resources Division
P.O. Box 1460
Alhambra, CA 91802-1460

...or telephone: (626) 458-6120

COOPERATION:

The Department receives or has access to streamflow data from other agencies. Data from 5 of the Department's stations are published in the United States Geological Survey's annual water supply papers.

Agencies with which the Department exchanges data are:

- United States Geological Survey, Water Resource Division
- United States Army Corps of Engineers
- State Department of Water Resources
- The Metropolitan Water District of Southern California
- San Gabriel River Water Committee

R U N O F F

INDEX OF STREAM FLOW MEASURING STATIONS

Station No.	Station Name	Thomas Guide Page	Regulated	Drainage Area Sq.Mile	Length Of Record
F81D-R	ALHAMBRA WASH above Klingerman Street	636 G3	No	15.2	9/2/1936
F317-R	ARCADIA WASH below Grand Avenue	597 C4	Yes	8.5	12/12/1955
F250-R	AZUSA CONDUIT (sandbox 20 ft weir)	509/539	Yes	202.7	2/14/1935
F38C-R	BALLONA CREEK above Sawtelle Blvd.	672 G4	Yes	88.6	8/10/1967
F377-R	BOUQUET CANYON CREEK at Urbandale Avenue	4461 C5	Yes	51.9	10/11/1967
F329-R	BRADBURY CHANNEL below Central Avenue	568 C5	Yes	3.3	6/14/1957
F342-R	BRANFORD STREET CHANNEL below Sharp Avenue	502 E7	Yes	5.01	1/12/1962
E285-R	BURBANK WESTERN STORM DRAIN at Riverside Dr.	563 H3	Yes	25	10/1/1949
F37B-R	COMPTON CREEK near Greenleaf Drive	734 J6	No	22.6	10/3/1938
F354-R	COYOTE CREEK below Spring Street	796 H2	Yes	185	12/17/1963
F274B-R	DALTON WASH at Merced Avenue	638 D1	Yes	35.95	11/2/1958
F318-R	EATON WASH at Loftus Drive	597 A7	Yes	22.8	2/23/1956
U7-R	FISH CREEK above mouth of canyon	568 G1	No	6.36	7/1/2017
L1-R	LITTLE ROCK CREEK above Little Rock Dam	4467 D2	No	49.2	10/1/1930
F300-R	LOS ANGELES RIVER at Tujunga Avenue	562 J6	Yes	401	5/8/1950
F34D-R	LOS ANGELES RIVER below Firestone Blvd.	705 F4	Yes	596	11/12/1956
F319-R	LOS ANGELES RIVER below Wardlow River Road	765 C1	Yes	815	1/13/1956
F57C-R	LOS ANGELES RIVER above Arroyo Seco	594 H6	Yes	511	12/8/1939
F130-R	MALIBU CREEK below Cold Creek	628 H1	Yes	104.96	1/17/1931
F328-R	MINT CANYON CREEK at Fitch Avenue	4462 C6	No	26.9	10/26/1956
F181-R	MONTEBELLO STORM DRAIN above Rio Hondo	676 E4	No	9.6	1/12/1932
F118B-R	PACOIMA CREEK FLUME below Pacoima Dam	4642 F7	Yes	28.2	2/9/1935
F122-R	PALLETT CREEK at Valyermo Highway	4469 D2	No	15.8	10/31/1961
F192B-R	RIO HONDO below Lower Azusa Avenue	597 D5	Yes	40.9	12/18/1958
F45B-R	RIO HONDO above Stuart and Gray Road	705 G4	Yes	140	11/20/1951
F338-R	RUBIO DIVERSION CHANNEL below Gooseberry Inlet	536 C5	Yes	2.1	12/16/1959
F82C-R	RUBIO WASH at Glendon Way	596 H7	Yes	10.9	11/6/1936
F42B-R	SAN GABRIEL RIVER above Spring Street	796 G1	Yes	231.00	11/16/64
U8-R	SAN GABRIEL RIVER below Morris Dam	569 B2	Yes	212.40	5/18/94
F261C-R	SAN GABRIEL RIVER below Valley Blvd	637 F3	Yes	118.00	11/29/60
G44B-R	SAN GABRIEL RIVER above Whittier Narrow Dam	637 C6	Yes		1/6/48
F263C-R	SAN GABRIEL RIVER below San Gabriel River Pkwy	676 J2	Yes	206.30	8/9/68
F190-R	SAN GABRIEL RIVER at Foothill Blvd.	568 E5	Yes	230.00	4/25/32
F312B-R	SAN JOSE CHANNEL below Seventh Avenue	637 G6	Yes	83.40	4/23/92
F119-R	SANTA ANITA CREEK below Santa Anita Dam	537 E6	Yes	10.80	1/13/64
F193B-R	SANTA ANITA WASH at Longden Avenue	597 F2	Yes	18.80	1/5/60
F92-R	SANTA CLARA RIVER at Old Road Bridge	4450 C2	Yes	410.40	9/1/81
F280-R	SANTA FE DIVERSION CHANNEL below Santa Fe Dam	598 B2	Yes	Controlled	10/1/42
F125-R	SANTIAGO CREEK above Little Rock Creek	4467 D2	No	11.20	9/29/53
F194B-R	SAWPIT WASH below Live Oak Avenue	597 G2	Yes	16.10	12/5/60
F32B-R	THOMPSON CREEK below Thompson Creek Dam	571 E4	Yes	3.70	10/1/44
F54C-R	TOPANGA CREEK above mouth of canyon	630 C3	No	18.00	1/1/30
F252-R	VERDUGO WASH at Estelle Avenue	564 C3	Yes	26.80	12/2/35
F40-R	WALNUT CREEK below Puddingstone Dam	600 B4	Yes	33.20	12/28/27
F304-R	WALNUT CREEK above Puente Avenue	638 B1	Yes	57.60	10/14/52

R U N O F F

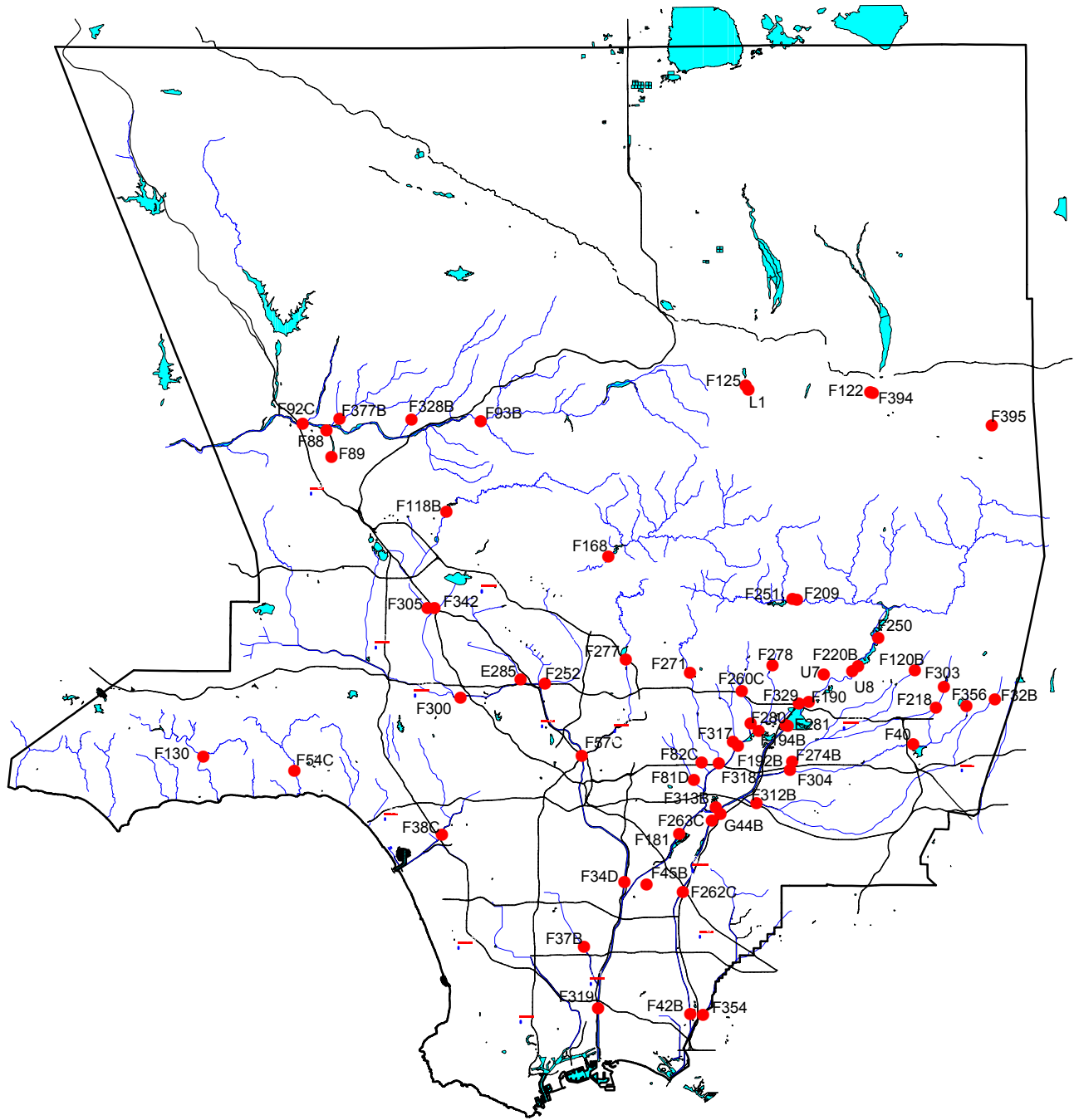
STREAM GAGING STATION INFORMATION

[See Appendix B](#)

DAILY DISCHARGE

[See Appendix C](#)

STREAM GAGE STATION LOCATIONS



LEGEND

● Stream Gage Station



R E S E R V O I R S

RESERVOIRS

Following the damaging flood of 1914 and creation of the Los Angeles County Flood Control District in 1915, a program of flood control and water conservation was initiated by the District. Part of this program included the construction of 15 dams which were completed between 1920 and 1939. These dams continued to be operated and maintained by the Department to control flood waters during storm periods. The Department makes post storm releases, when feasible, in amounts that can be conserved in downstream spreading grounds and by channel percolation. In addition, five Corps of Engineers' dams, Lopez, Hansen, Santa Fe, Sepulveda, and Whittier Narrows Dams, are operated by the Corps in conjunction with the Department dams to achieve flood control and/or water conservation.

RECORDS:

The Department's 15 dams and reservoirs' locations are shown on the [map](#). Data on the yearly reservoir operation summaries for each reservoir are provided by selecting from the Yearly Summary on the left. Data for these facilities can be obtained by contacting the custodian of hydrologic records.

Los Angeles County Department of Public Works
Water Resources Division
P.O. Box 1460
Alhambra, CA 91802-1460

...or telephone: (626) 458-6120

R E S E R V O I R S

YEARLY RESERVOIR OPERATION SUMMARY

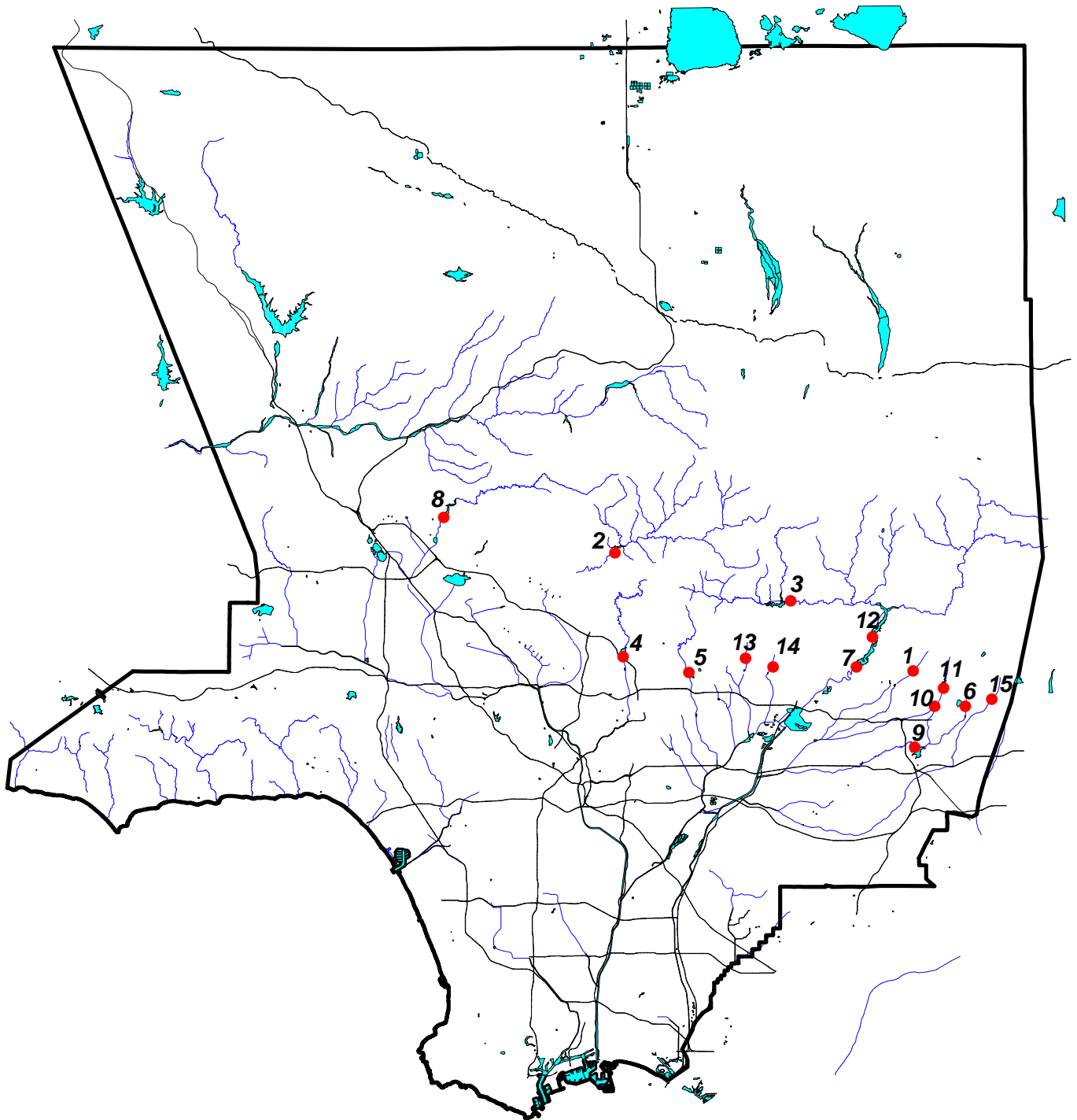
[See Appendix D](#)

R E S E R V O I R S

FACILITIES

DPW Dams and Reservoirs	Current Uses	Con-struction Completed	Drainage Area (sq.mi)	Original Capacity (acre-ft)	Spillway Elv (ft)	Location
Big Dalton Dam	Flood control and water conservation	August 1929	4.5	1053	1706	4 miles northeast of Glendora
Big Tujunga Dam	Flood control and water conservation	July 1931	82.3	6240	2290	10 miles northeast of Sunland
Cogswell Dam	Flood control and water conservation	April 1934	39.2	12298	2385	22 miles north of Azusa
Devil's Gate Dam	Flood control and water conservation	June 1920	31.9	4601	1040.5	Arroyo Seco, northwest of Pasadena
Eaton Wash Dam	Flood control and debris storage	February 1937	12.4	956	887.5	Eaton Wash, northeast of Pasadena
Live Oak Dam	Flood control and water conservation	November 1922	2.3	250	1496	2.5 miles northeast of La Verne
Morris Dam	Water conservation	1935	211.4	39300	1152	5 miles north of Azusa
Pacoima Dam	Flood control and water conservation	February 1929	28.2	6060	1950	4 miles northeast of San Fernando
Puddingstone Dam	Flood control and water conservation	January 1928	33.1	17938	970	1 mile south of San Dimas
Puddingstone Diversion	Flood control and diversion of flow	July 1928	19.9	148	1152.5	2 miles northeast of San Dimas
San Dimas Dam	Flood control and diversion of flow	September 1922	16.2	1496	1462	3 miles northeast of San Dimas
San Gabriel Dam	Flood control and water conservation	July 1939	202.7	53344	1453	7.5 miles north of Azusa
Santa Anita Dam	Flood control and water conservation	March 1927	10.8	1376	1316	2.5 miles north of Arcadia
Sawpit Dam	Flood control and water conservation	June 1927	3.2	476	1360	2 miles north of Monrovia
Thompson Creek Dam	Flood control and water conservation	March 1928	3.5	812	1634	3 miles north of Claremont
FC FLOOD CONTROL WC WATER CONSERVATION DC DEBRIS CONTROL R RECREATION						

Reservoir Locations



1. Big Dalton Dam
2. Big Tujunga Dam
3. Cogswell Dam
4. Devil's Gate Dam
5. Eaton Wash Dam

6. Live Oak Dam
7. Morris Dam
8. Pacoima Dam
9. Puddingstone Dam
10. Puddingstone Diversion Dam

11. San Dimas Dam
12. San Gabriel Dam
13. Santa Anita Dam
14. Sawpit Dam
15. Thompson Creek Dam

E R O S I O N C O N T R O L

EROSION

Each year eroded material in various forms (debris consisting of rock, sand, trees, etc.) flows out of the mountain watersheds of Los Angeles County. In an effort to control this potentially disruptive force, the Department maintains a series of debris basins in canyon mouths and upstream stabilization structures in selected watersheds.

DEBRIS BASINS:

The purpose of a debris basin is to entrap the sediment flows emanating from the canyon and let the relatively desilted water pass into the downstream flood control channels.

The Department maintained 115 debris basins during the reporting period. The combined total maximum capacity of the basins is approximately 7,780,900 cubic yards. [Design data](#) on these facilities are in a table and their locations are shown on [map1](#) [map2](#) and [map3](#).

Data for sediment inflow at individual debris basins and Unpublished information may be obtained by contacting:

Los Angeles County Department of Public Works
Water Resources Division
P.O. Box 1460
Alhambra, CA 91802-1460
...or telephone: (626) 458-6120

STABILIZATION STRUCTURES:

The Department has constructed stabilization structures to control erosion in natural canyons. These structures serve to prevent down cutting by stabilizing alluvium deposits. In addition, they store debris generated by the watershed and serve to stabilize side banks, reducing side slope sloughing and bank erosion.

The Department maintained 217 stabilization structures in 47 major watersheds during the reporting period. The Department has not constructed any stabilization structures since the 1973-74 water year.

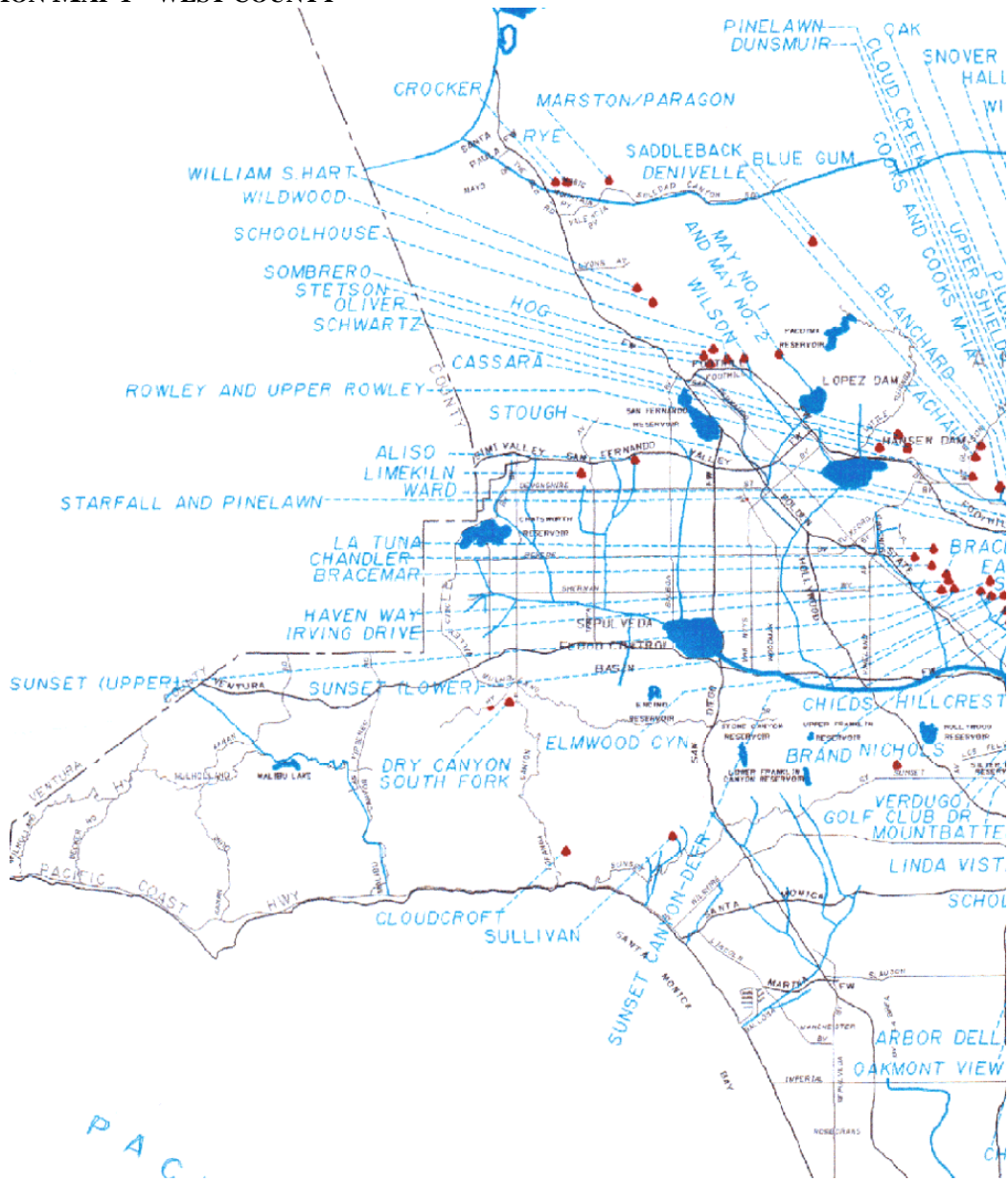
EMERGENCY STRUCTURES:

The Department has constructed emergency structures (rail and timber) to entrap the debris from burned watersheds. The structures serve to protect improvements (road, channel, residence, etc.) located downstream of the watersheds.

During the reporting period, 32 emergency structures existed with a total maximum capacity of 253,000 cubic yards. Maps of areas burned during the reporting period can be obtained by contacting the *custodian* of hydrologic records.

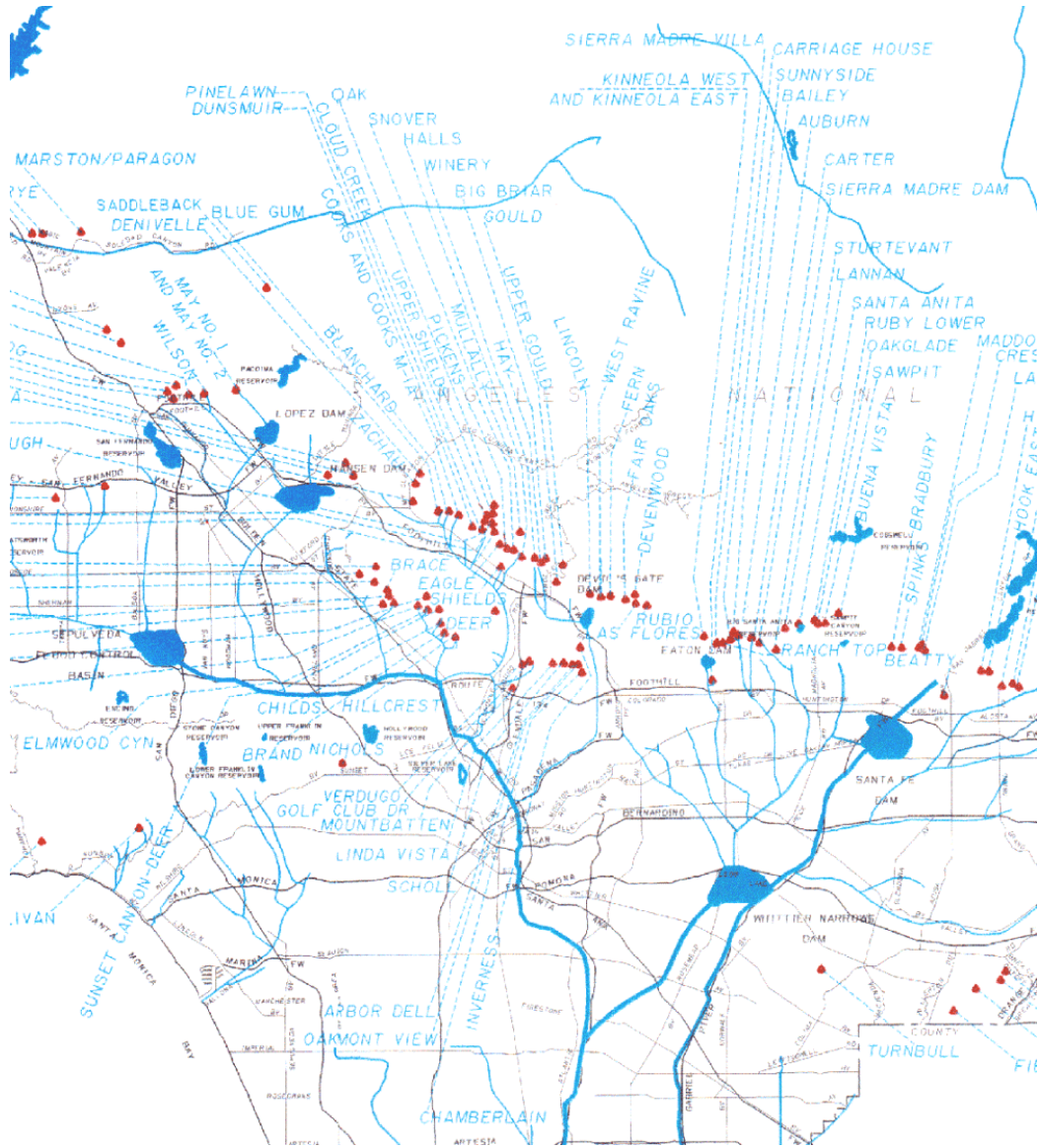
EROSION CONTROL

LOCATION MAP 1 – WEST COUNTY



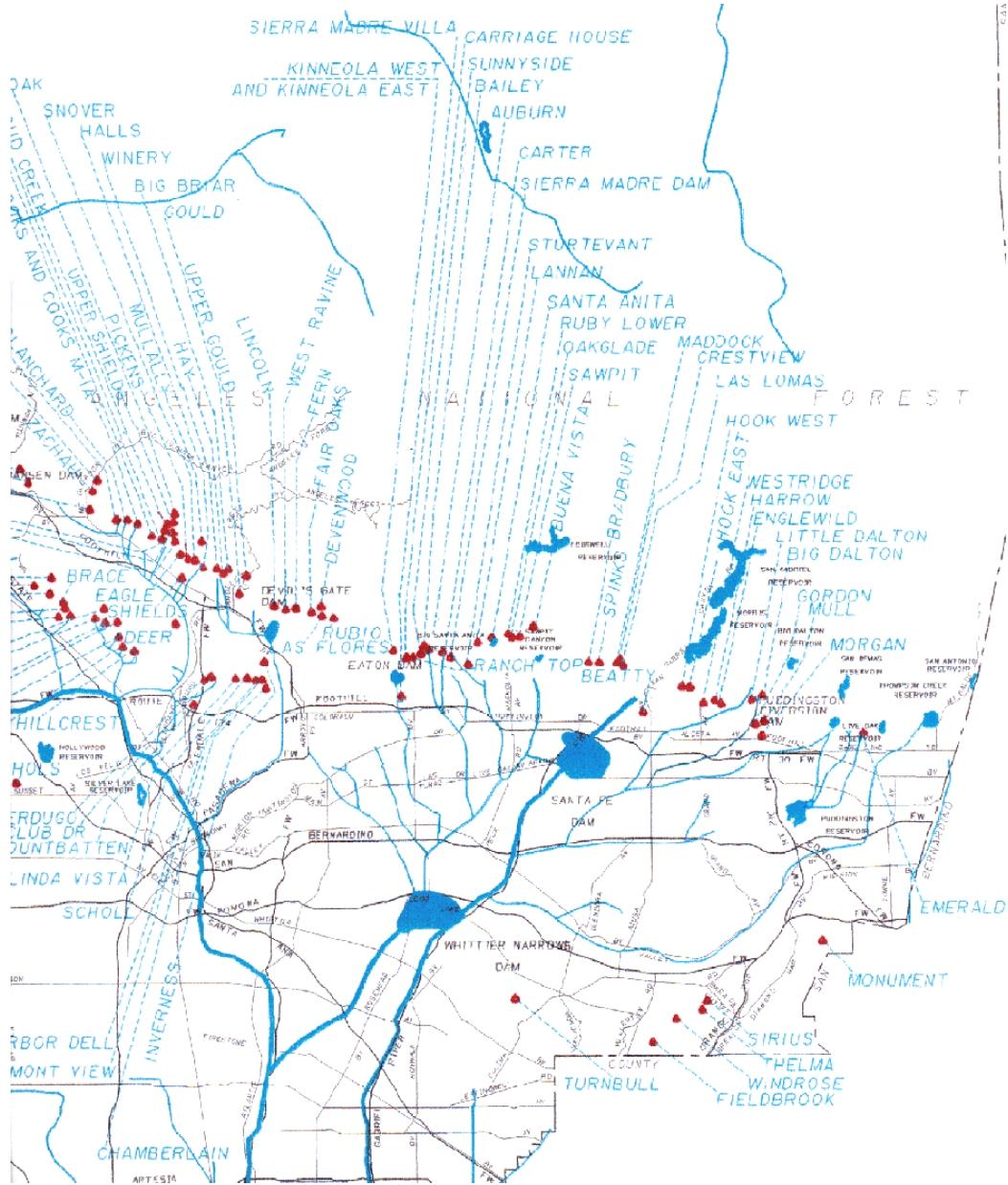
EROSION CONTROL

LOCATION MAP 1 – CENTRAL COUNTY



EROSION CONTROL

LOCATION MAP 1 – EAST COUNTY



E R O S I O N C O N T R O L

DEBRIS BASIN - DESIGN DATA:

Including 1997-1998 Storm Season

(Sedimentation Management Unit)

Debris Basin	First Debris Season	Un-controlled Drainage Area Above Basin (Sq. Mi.)	Bottom Elev. at Max Cap. (ft)	Elevation Port Invert (ft)	Elevation Spillway Crest (ft)	Width Spillway	Elevation Crest of Dam	Maximum Debris Capacity (Cu. Yds)
Aliso	1970-71	2.77	1108	1108.4	1120	70.0	1134.0	42000 ⁽⁸⁾
Arbor Dell	1971-72	0.11	899	898.4	913	22.9	919.6	12000
Auburn	1954-55	0.19	1264 ⁽¹⁵⁾	1260.5 ⁽¹⁵⁾	1278 ⁽¹⁵⁾	30.0 ⁽¹⁵⁾	1286.0 ⁽¹⁵⁾	38000 ⁽¹⁵⁾
Bailey	1945-46	0.60	1123	1123.1	1155	30.0	1166.0	129000
Beatty	1970-71	0.27	800	800.0	807	32.0	815.5	43000
Big Dalton	1959-60	2.94	1102	1101.9 ⁽³⁾	1132	116.0	1148.7	518000
Bigbriar	1971-72	0.02	1898	1896.0	1910	14.0	1910.8	2600
Blanchard	1968-69	0.47	2026	2026.0	2054	40.0	2065.0	75000
Blue Gum	1968-69	0.19	2020	2020.0	2042	25.0	2053.0	40000
Brace	1971-72	0.29	1190	1189.7	1196	20.0	1205.0	30000
Bracemar	1971-72	0.01	1140	1140.0	1146	8.0	1148.0	700 ⁽¹⁴⁾
Bradbury	1954-55	0.68	912	913.1	920	58.0	928.0	90000
Brand	1935-36	1.04	860	860.0	890	60.0	903.0	166000
Buena Vista	1985-86	0.10	979	978.7	992	39.0	997.7	22000
Carriage House	1970-71	0.03	1350	1350.0	1363	15.0	1366.8	6100
Carter	1954-55	0.12	1222	1223.2	1238	30.0	1245.0	15000
Cassara	1976-77	0.21	1272	1271.5	1292	66.0	1295.4	37000
Chamberlain	1974-75	0.04	1085	1084.0	1098	20.0	1101.3	4700
Chandler	1995-96	0.16	1055	1052.0	1073	36.0	1078.3	20000 ⁽¹⁵⁾
Childs	1963-64	0.30	1022	1022.0	1059	23.0	1071.0	50000
Cloud Creek	1972-73	0.01	2350	2350.5	2360	⁽⁵⁾	2362.0	5100
Cloudcroft	1973-74	0.21	314	315.0	330	36.0	329.5	35000
Cooks	1951-52	0.58	2058	2058.0	2083	48.0	2092.0	52000
Cooks M-1A	1975-76	⁽¹³⁾	2120	⁽¹⁰⁾	2142	⁽¹⁰⁾	⁽¹⁰⁾	34000
Crestview	1983-84	0.03	864	864.0	886	20.0	891.7	5900 ⁽¹⁴⁾
Crocker	1983-84	0.67	1064	1064.2	1070	36.0	1077.0	19000 ⁽¹⁴⁾
Deer	1954-55	0.59	1185	1185.0	1201	56.0	1209.6	57000
Denivelle	1976-77	0.18	1471	1471.0	1479	46.0	1483.3	7900

FOOTNOTES

- (1) Lowest clear water outlet, not spillway.
- (2) Elevation of spillway notch.
- (3) Flow line of sluiceway.
- (4) Elevation of spillway into outlet channel. Elevation of overflow spillway 1,036.9 feet.
- (5) One 30-inch reinforced concrete pipe.
- (6) Four 36-inch corrugated metal pipes.
- (7) One 36-inch reinforced concrete pipe. (Elevated inlet)
- (8) Debris capacity available within right of way limits.
- (9) Pit-type basin.
- (10) Information unavailable.
- (11) Special cleanout required due to limited storage.
- (12) Cleanout required when debris reaches or exceeds elevation 1128.9 feet against face of dam.
- (13) Values are combined with Cooks debris basin.
- (14) Spillway level storage capacity.
- (15) Data taken from design drawings.
- (16) 7 feet in diameter circular outlet type.
- (17) The maximum capacities have been rounded off with regard to appropriate precision consistent with the assumptions used in the development of Hydrology and Sedimentation Manual.
- (18) New maximum capacity based on "As-Built" topographic map number 78B-T56.

E R O S I O N C O N T R O L

DEBRIS BASIN - DESIGN DATA:

Including 1997-1998 Storm Season

(Sedimentation Management Unit)

Debris Basin	First Debris Season	Un-controlled Drainage Area Above Basin (Sq. Mi.)	Bottom Elev. at Max Cap. (ft)	Elevation Port Invert (ft)	Elevation Spillway Crest (ft)	Width Spillway	Elevation Crest of Dam	Maximum Debris Capacity (Cu. Yds)
Devonwood	1981-82	0.05	1899	1899.0	1922	⁽¹⁶⁾	1927.5	11000
Dry Canyon-So. Fork	1978-79	0.49	1063	1062.5	1075	32.0	1079.3	7900
Dunsmuir	1935-36	0.84	2228	2227.7	2257	60.0	2272.2	103000
Eagle	1936-37	0.48	1850	1845.5	1880	60.0	1895.2	63000
Elmwood	1964-65	0.31	912	911.5	938	22.0	952.0	61000
Emerald-E.	1964-65	0.32	1185	1181.1	1192	30.0	1204.0	14000
Englewild	1961-62	0.44	1275	1275.0	1297	50.0	1300.0	41000
Fair Oaks	1935-36	0.21	1544	1544.0	1562	⁽⁶⁾	1566.5	24000
Fern	1935-36	0.31	1440	1440.0	1476	25.0	1482.0	43000
Fieldbrook	1974-75	0.35	713	713.0	718	28.0	722.3	2800
Golf Club Drive	1970-71	0.99	881	880.7	902	36.7	915.0	15000
Gordon	1973-74	0.18	1076	1075.0	1096	22.0	1104.5	33000
Gould	1947-48	0.36	1530	1528.2	1548	55.0	1558.3	53000
Gould (Upper)	1976-77	0.18	1864	1863.9	1898	32.0	1901.0	52000
Halls	1935-36	0.83	1642	1641.8	1661	131.0	1664.0	89000
Harrow	1958-59	0.43	1255	1255.0	1269	40.0	1277.8	68000
Haven Way	1991-92	0.13	1323	1323.0	1329	20.0	1335.6	38000
Hay	1936-37	0.20	1890	1890.2	1908	36.0	1915.0	37000
Hillcrest	1962-63	0.35	864	863.5	885	18.0	901.0	58000
Hog	1969-70	0.32	1520	1520.0	1535	32.0	1547.0	43000
Hook East	1968-69	0.18	1198	1198.0	1211	37.0	1215.0	22000
Hook West	1970-71	0.17	1145	1145.0	1159	40.0	1167.0	22000
Inverness	1982-83	0.03	1253	1252.9	1257	20.0	1261.0	3300
Irving Drive	1974-75	0.03	906	905.0	915	12.0	920.0	1200
Kinneloa	1964-65	0.20	1370	1370.0	1403	76.0	1407.9	36000
Kinneloa - West	1966-67	0.19	1385	1385.0	1413	22.0	1421.0	35000
La Tuna	1955-56	5.34	1109	1110.0	1140	75.0	1157.0	495000
Lannan	1954-55	0.25	1016	1015.0	1036	14.0	1043.0	41000

FOOTNOTES

- (1) Lowest clear water outlet, not spillway.
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- (16) 7 feet in diameter circular outlet type.
- (17) The maximum capacities have been rounded off with regard to appropriate precision consistent with the assumptions used in the development of Hydrology and Sedimentation Manual.
- (18) New maximum capacity based on "As-Built" topographic map number 78B-T56.

E R O S I O N C O N T R O L

DEBRIS BASIN - DESIGN DATA:

Including 1997-1998 Storm Season

(Sedimentation Management Unit)

Debris Basin	First Debris Season	Un-controlled Drainage Area Above Basin (Sq. Mi.)	Bottom Elev. at Max Cap. (ft)	Elevation Port Invert (ft)	Elevation Spillway Crest (ft)	Width Spillway	Elevation Crest of Dam	Maximum Debris Capacity (Cu. Yds)
Las Flores	1935-36	0.45	1685	⁽⁹⁾	1716	50.0	1726.4	56000
Las Lomas	1983-84	0.07	887	887.0	906	77.0	908.5	17000
Limekiln	1963-64	3.72	992	992.0	1003	77.0	1019.0	172000
Lincoln	1935-36	0.50	1276	1276.0	1304	56.0	1322.5	38000
Linda Vista	1970-71	0.37	980	979.5	990	40.0	995.7	3200
Little Dalton	1959-60	3.31	1140	1139.5	1186	84.0	1200.2	661000
Maddock	1954-55	0.26	889	891.8	901	36.0	904.0	45000
Marston/ Paragon	1988-89	0.20	1456	1455.6	1460	20.0	1466.0	6100
May No. 1	1953-54	0.70	1666	1666.0	1684	60.0	1692.5	64000
May No. 2	1953-54	0.09	1663	1663.5 ⁽²⁾	1670	20.0	1674.0	13000
Monument	1981-82	0.11	944	942.3	950	12.0	954.0	6800
Morgan	1964-65	0.60	1138	1137.9	1162	45.0	1171.5	79000
Mountbatten	1983-84	0.01	1136	1135.5	1141	20.0	1141.0	1400
Mull	1973-74	0.15	1147	1147.0	1154	20.0	1165.0	13000
Mullally (11)	1974-75	0.34	2420	2420.0	2435	42.0	2439.6	9400
Nichols	1937-38	0.94	480	481.0	485	50.0	495.0	14000
Oak	1975-76	0.05	2145	2145.7	2152	50.0	2156.2	12000 ⁽¹⁵⁾
Oakglade	1974-75	0.06	1275	1280.0	1290	20.0	1296.0	7300
Oakmont View Drive	1984-85	0.02	1316	1315.5	1328	20.0	1328.5	3400
Oliver	1989-90	0.18	1258	1258.0	1278	41.0	1283.3	32000
Pickens	1935-36	1.50	1564	1564.0	1600	123.0	1613.0	125000
Pinelawn	1973-74	0.02	2431	2430.5	2443	⁽⁷⁾	2448.5	3200
Rowley	1953-54	0.21	1704	1703.6	1714	60.0	1722.0	43000
Rowley (Upper)	1976-77	0.31	1926	1926.0	1946	42.0	1951.3	29000
Rubio	1943-44	1.26	1582	1582.0	1611	66.8	1625.5	148000 ⁽¹⁵⁾
Ruby (Lower)	1955-56	0.28	811	809.6	828	45.0	833.0	29000
Rye	1981-82	1.11	1074	1073.8	1078	58.2	1081.5	19000

FOOTNOTES

- (1) Lowest clear water outlet, not spillway.
- (2) Elevation of spillway notch.
- (3) Flow line of sluiceway.
- (4) Elevation of spillway into outlet channel. Elevation of overflow spillway 1,036.9 feet.
- (5) One 30-inch reinforced concrete pipe.
- (6) Four 36-inch corrugated metal pipes.
- (7) One 36-inch reinforced concrete pipe. (Elevated inlet)
- (8) Debris capacity available within right of way limits.
- (9) Pit-type basin.
- (10) Information unavailable.
- (11) Special cleanout required due to limited storage.
- (12) Cleanout required when debris reaches or exceeds elevation 1128.9 feet against face of dam.
- (13) Values are combined with Cooks debris basin.
- (14) Spillway level storage capacity.
- (15) Data taken from design drawings.
- (16) 7 feet in diameter circular outlet type.
- (17) The maximum capacities have been rounded off with regard to appropriate precision consistent with the assumptions used in the development of Hydrology and Sedimentation Manual.
- (18) New maximum capacity based on "As-Built" topographic map number 78B-T56

E R O S I O N C O N T R O L

DEBRIS BASIN - DESIGN DATA:

Including 1997-1998 Storm Season

(Sedimentation Management Unit)

Debris Basin	First Debris Season	Un-controlled Drainage Area Above Basin (Sq. Mi.)	Bottom Elev. at Max Cap. (ft)	Elevation Port Invert (ft)	Elevation Spillway Crest (ft)	Width Spillway	Elevation Crest of Dam	Maximum Debris Capacity (Cu. Yds)
Saddleback	1988-89	0.04	1781	1779.3	1791	23.5	1796.8	15000
Santa Anita	1959-60	1.70	748	748.5 ⁽³⁾	775	160.0	796.0	395000
Sawpit	1954-55	2.82	930	930.3	982	110.0	1000.0	636000
Scholl	1945-46	0.66	950	950.0 ⁽²⁾	956	76.0	966.0	9300
Schoolhouse	1962-63	0.28	1460	1460.0	1478	20.0	1491.0	68000
Schwartz	1976-77	0.25	1295	1294.7	1313	35.0	1319.0	45000
Shields	1937-38	0.06	2050	2050.0	2058	30.0	2070.2	35000
Sierra Madre Dam (12)	1927-28	2.39	1120	1119.5	1172	62.5	1175.0	136000
Sierra Madre Villa	1957-58	1.46	1069	1069.2	1089	48.0	1102.5	402000
Snover	1936-37	0.21	1863	1862.7	1879	40.0	1893.7	25000
Sombrero	1969-70	1.06	1540	1540.0	1565	45.0	1580.0	88000
Spinks	1958-59	0.44	750	750.0	762	40.0	765.9	56000
Starfall	1973-74	0.13	2428	2428.0	2442	30.0	2446.5	15000
Stetson	1969-70	0.29	1556	1555.0	1570	32.0	1579.0	41000
Stough	1940-41	1.65	1006	1005.8	1032 ⁽⁴⁾	100.0	1043.5	181000
Sturtevant	1967-68	0.03	975	971.0	984	8.0	990.0	1400
Sullivan	1970-71	2.38	570	570.0	587	50.0	599.3	51000
Sunnyside	1970-71	0.02	1290	1290.0	1300	15.0	1303.8	3400
Sunset (Lower)	1963-64	0.45	1004	994.5	1040	40.0	1056.0	159000
Sunset (Upper)	1928-29	0.44	1574	1574.0	1604	75.0	1610.1	16000
Sunset Canyon- Deer	1982-83	0.21	1382	1380.5	1402	24.0	1409.1	5000
Turnbull	1952-53	0.99	476	475.6	492	40.0	503.0	22000
Upper Shields	1976-77	0.21	2498	2498.0	2530	33.0	2537.2	40000
Verdugo	1935-36	9.40	1110	1110.0	1120	145.0	1131.0	131000
Ward	1956-57	0.12	2022	2022.0	2043	58.0	2045.3	26000
West Ravine	1935-36	0.25	1469	1469.6 ⁽¹¹⁾	1502	20.0	1505.5	45000
Westridge	1974-75	0.02	894	894.0	901	10.7	906.0	1400 ⁽¹⁴⁾

FOOTNOTES

- (1) Lowest clear water outlet, not spillway.
- (2) Elevation of spillway notch.
- (3) Flow line of sluiceway.
- (4) Elevation of spillway into outlet channel. Elevation of overflow spillway 1,036.9 feet.
- (5) One 30-inch reinforced concrete pipe.
- (6) Four 36-inch corrugated metal pipes.
- (7) One 36-inch reinforced concrete pipe. (Elevated inlet)
- (8) Debris capacity available within right of way limits.
- (9) Pit-type basin.
- (10) Information unavailable.
- (11) Special cleanout required due to limited storage.
- (12) Cleanout required when debris reaches or exceeds elevation 1128.9 feet against face of dam.
- (13) Values are combined with Cooks debris basin.
- (14) Spillway level storage capacity.
- (15) Data taken from design drawings.
- (16) 7 feet in diameter circular outlet type.
- (17) The maximum capacities have been rounded off with regard to appropriate precision consistent with the assumptions used in the development of Hydrology and Sedimentation Manual.
- (18) New maximum capacity based on "As-Built" topographic map number 78B-T5

E R O S I O N C O N T R O L

DEBRIS BASIN - DESIGN DATA:

Including 1997-1998 Storm Season

(Sedimentation Management Unit)

Debris Basin	First Debris Season	Un-controlled Drainage Area Above Basin (Sq. Mi.)	Bottom Elev. at Max Cap. (ft)	Elevation Port Invert (ft)	Elevation Spillway Crest (ft)	Width Spillway	Elevation Crest of Dam	Maximum Debris Capacity (Cu. Yds)
Wildwood	1967-68	0.65	1343	1342.9	1354	50.0	1360.0	21000
William S. Hart Park	1983-84	0.09	1282	1280.0	1290	19.0	1293.0	2400
Wilson	1962-63	2.58	1493	1493.0	1526	60.0	1543.0	313000
Winery	1968-69	0.18	1920	1920.0	1935	20.0	1945.0	29000
Zachau	1956-57	0.35	1803	1803.1	1820	44.0	1827.5	48000
116 DEBRIS BASINS		62.60						7,780,900

FOOTNOTES

- (1) Lowest clear water outlet, not spillway.
- (2) Elevation of spillway notch.
- (3) Flow line of sluiceway.
- (4) Elevation of spillway into outlet channel. Elevation of overflow spillway 1,036.9 feet.
- (5) One 30-inch reinforced concrete pipe.
- (6) Four 36-inch corrugated metal pipes.
- (7) One 36-inch reinforced concrete pipe. (Elevated inlet)
- (8) Debris capacity available within right of way limits.
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- (12) Cleanout required when debris reaches or exceeds elevation 1128.9 feet against face of dam.
- (13) Values are combined with Cooks debris basin.
- (14) Spillway level storage capacity.
- (15) Data taken from design drawings.
- (16) 7 feet in diameter circular outlet type.
- (17) The maximum capacities have been rounded off with regard to appropriate precision consistent with the assumptions used in the development of Hydrology and Sedimentation Manual.
- (18) New maximum capacity based on "As-Built" topographic map number 78B-T56.

WATER CONSERVATION

Information presented in this section includes amounts of local, imported, and reclaimed water conserved in spreading areas and information on the seawater barrier projects which prevent salt water intrusion into groundwater zones in the coastal areas. Pertinent data is presented regarding the locations and descriptions of the Department's water conservation facilities, as well as facilities owned by others. Additional data not presented in this report or its appendices can be obtained by contacting the [custodian](#) of hydrologic records.

CONSERVING THE WATERS

In addition to the flood control program, the Department has the equally important mission of conserving as much of the storm and other waters as practicable. The use of water conservation facilities adjacent to river channels and in soft-bottom channels permits water to percolate into groundwater basins for later pumping. These water spreading facilities are located in areas where the underlying soils are composed of permeable formations and in hydraulic connection with the underlying aquifer.

The various types of water conserved, local, imported, and reclaimed are construed to have the following meanings in this section: Local water is primarily runoff due to rainfall on the mountain and valley watersheds, dam releases, and rising water within the County. Imported water is water originating outside the County either from Northern California or from the Colorado River. Reclaimed water is the effluent produced by the Whittier Narrows Water Reclamation Plant, the San Jose Creek Water Reclamation Plant, and the Pomona Water Reclamation Plant, all operated by the Los Angeles County Sanitation District.

The importance of this activity is apparent when it is realized that about 30 to 40 percent of the water used in the County is pumped from groundwater supplies. The growth of the County, combined with periodic droughts, has seriously depleted these supplies on numerous occasions.

The Department's policy is to conserve the maximum possible amount of storm water consistent with runoff quantity and quality, capacities of the spreading facilities, and groundwater conditions.

IMPORTED WATER

During the reporting period, the Department received water imported from the Colorado River and the State Water Project by the Metropolitan Water District (MWD) and spread it in the Coastal Plain at the Department's Rio Hondo and San Gabriel Coastal Spreading Grounds on behalf of the Water Replenishment District of Southern California. MDW water is also spread in the main basin, upper San Gabriel Canyon Basin, and Glendora Basin.

The Department spreads imported water from MWD and the San Gabriel Valley Municipal Water District (SGVMWD) in the San Gabriel Valley on behalf of the San Gabriel Valley Municipal Water District, Upper San Gabriel Valley Municipal Water District, and the Three Valleys Municipal Water District in the following facilities:

- San Gabriel Canyon Spreading Grounds
- Santa Fe Spreading Grounds
- San Gabriel River
- Little Dalton Spreading Grounds
- Forbes Spreading Grounds
- Irwindale Spreading Basin/Manning Pit
- Citrus
- Ben Lomond
- Valley Rubber Dam

WATER CONSERVATION

RECYCLED WATER

The County Sanitation District's Whittier Narrows Water Reclamation Plant effluent purchased by the Water Replenishment District of Southern California is transported to the Rio Hondo and San Gabriel Coastal Basin Spreading Grounds for groundwater replenishment.

The County Sanitation District's San Jose Creek Water Reclamation Plant made its first delivery of effluent in November 1972. The effluent released into San Jose Creek, San Gabriel River, or directly delivered to San Gabriel Coastal Spreading Ground via pipeline can be purchased by the Water Replenishment District of Southern California.

Water from the Pomona Reclamation Plant is released down the San Jose Creek - San Gabriel River System to the Department's recharge facilities in the Central Basin spreading grounds.

The maximum amount of reclaimed water allowed for spreading in the Montebello Forebay, effective July 1991, is 60,000 acre-feet per year but not to exceed 150,000 acre-feet over a three-year period.

SEAWATER BARRIER PROJECTS

The Department operates three barrier projects to protect the groundwater in the West Coast and Central Basins against seawater intrusion by creating freshwater pressure ridges along the coastline. The pressure ridges are created by injecting freshwater through a series of injection wells. The amounts of water injected by these wells during the reporting period are as follows:

Facility	Imported Water (Acre-Feet)	Recycled Water (Acre-Feet)
Alamitos Barrier Project:		
Los Angeles Portion	3,677	0
Orange County Portion*	1,503	0
Dominguez Gap Barrier Project	3,769	0
West Coast Basin Barrier Project	8,173	8,306

**Injected on behalf of the Orange County Water District*

WATER CONSERVATION

SEASONAL DATA AND MAPS

During the reporting period, weekly, monthly, and semi-annual measurements of groundwater levels in observation wells located throughout the groundwater basins in Los Angeles County were made and processed.

Locations of the key wells noted herein are shown on the well map in the Water Conservation summary section. Historical key well level data can be downloaded as [ASCII](#) file or from the pull down selection in the Water Conservation summary section.

Static groundwater elevation contour maps for the three major groundwater regions in Los Angeles County are available from the local basin water agencies:

Groundwater Basin	Contact
Upper Los Angeles River Area (San Fernando Valley)	Upper Los Angeles River Watermaster P.O. Box 111, Room 1455 Los Angeles, CA 90051 (213) 367-1020 (213) 367-1131 (FAX)
San Gabriel Valley	Main San Gabriel Basin Watermaster 729 North Azusa Avenue Azusa, CA 91702 (626) 815-1300 (626) 815-1303 (FAX)
Coastal Plain	Water Replenishment District of Southern California 12621 East 166th Street Cerritos, CA 90703 (562) 921-5521 (562) 921-6101 (FAX)

GROUNDWATER BASINS AND GROUNDWATER RECHARGE

Groundwater in Los Angeles County is stored in basins underlying five major geographic areas. These groundwater basins are separated by geologic features which impede groundwater movement or by political boundaries. A map of these groundwater basins and the Department's spreading grounds is available upon request from the Department. General spreading grounds facility information is included in the summary section. Monthly water conservation data for the reporting period at the Department's facilities and other pertinent facilities are included in the Water Conservation Summary section of this report. The monthly imported and recycled water deliveries for the reporting period are also included in the Water Conservation summary section. The following is a background summary of the Department's groundwater recharge activities within each of these major areas:

WATER CONSERVATION

COUNTY-WIDE

The Department operates 2,436 acres of spreading grounds and soft-bottom channel spreading areas for replenishment of local groundwater supplies. The Department also assisted in the operation and maintenance of 269 acres of spreading grounds owned by others. An additional 656 acres of spreading grounds are controlled maintained and operated by other agencies. The total gross acreage of spreading grounds in Los Angeles County is 3,361 acres.

Groundwater replenishment consists of storm runoff, imported water, and recycled water. County-wide, the Department spread the following amounts during the reporting period:

County Rainfall Index (% of Normal)	214 *
Storm Runoff (acre-feet)	365,567
Imported Water (acre-feet)	40,530
Recycled Water (acre-feet)	37,510

The Department is continuing its efforts to improve its water spreading facilities in order to maximize the amounts of water conserved and to simplify the spreading operations.

SAN GABRIEL VALLEY

The Department operates 20 spreading facilities in the San Gabriel Valley that receive direct valley runoff and flows from the San Gabriel Mountains. Some of these facilities can also receive imported water. Valley-wide, the Department spread the following amounts during the reporting period:

Storm Runoff (acre-feet)	199,709
Imported Water (acre-feet)	39,363
Diversions to Grounds Owned by Others (acre-feet)	8,648

The Department's spreading grounds replenished the Valley's several groundwater basins as follows:

	Storm Water (acre-feet)	Imported Water (acre-feet)	Key Wells
Main San Gabriel Basin	130,972	10,840	3030F, 2965C
Upper San Gabriel Canyon Basin	5,601	11,499	4284A
Lower San Gabriel Canyon Basin	1,735	0	4285
Wayhill Basin	410	765	
Foothill Basin	3,732	0	
Glendora Basin	2,777	0	
Claremont Heights Basin	0	0	4508A, 4508B
Live Oak Basin	0	0	
Chino Basin	0	0	
San Dimas Basin	62	0	
Pomona Basin	0	0	3251E, 3261P, 4469A
Puente and Spadra Basins	0	0	
Raymond Basin	8,250	0	4057H

WATER CONSERVATION

COASTAL PLAIN

The groundwater basins underlying the Coastal Plain are divided by geological features into the Central (includes the Montebello and Los Angeles Forebays), West Coast, Santa Monica, and Hollywood Basins. Most of the water is spread in the Montebello Forebay. The Department spread the following amounts in the Coastal Plain during the reporting period:

Storm Runoff (acre-feet)	96,706
Imported Water (acre-feet)	953
Recycled Water (acre-feet)	37,510

Central Basin

The Central Basin has the most storage capacity of the basins in the Coastal Plain. In addition to the water recharged in the Department's spreading facilities, water injected in the Alamitos Barrier Project also contributes to the replenishment of the pressure aquifers underlying the Central Basin. The basin contains Key Well Nos. 460K, 1601T, and 906D.

West Coast Basin

The West Coast basin is the second largest basin underlying the Coastal Plain and is separated by the Newport-Inglewood Fault zone. Groundwater is primarily recharged by Central Basin subsurface flows and by water injected by the Department in the West Coast Basin and Dominguez Gap Barrier Projects. Groundwater elevations in the West Coast basin are below sea level except in the area of the West Coast Basin Barrier injection mound. The basin contains Key Well Nos. 1346D and 760C.

Santa Monica and Hollywood Basins

The Department has no spreading facilities in either of these basins.

SAN FERNANDO VALLEY

The San Fernando Valley is also known as the Upper Los Angeles River Area (ULARA). Most of the runoff from the surrounding mountains flows to the Valley. The Valley comprises of four basins:

San Fernando Main Basin

The basin is the largest basin underlying the San Fernando Valley. The basin contains Key Well Nos. 3872H and 4709. The Department spread the following during the reporting period:

Storm Runoff (acre-feet)	61,901
Imported Water (acre-feet)	141
Recycled Water (acre-feet)	0

Sylmar, Verdugo, and Eagle Rock Basins

The Department has no spreading facilities in these much smaller basins.

WATER CONSERVATION

SANTA CLARITA VALLEY

The Department has no spreading facilities in the area. Much of the Valley is open space, permitting substantial natural percolation.

The Upper Santa Clarita subunit comprises five basins.

ANTELOPE VALLEY

There are several groundwater subbasins underlying the Antelope Valley. Five of them are located within Los Angeles County.

The Department operates no spreading facilities in the Antelope Valley.

Key Well Nos. 9974 and 8825 are located in the Lancaster and Little Rock subbasins, respectively.

WATER CONSERVATION

SUMMARY

SPREADING FACILITIES OWNED AND OPERATED BY THE DEPARTMENT

[Appendix E](#)

NON DPW FACILITIES

[Appendix F](#)

TOTAL MONTHLY WATER CONSERVED

[Appendix G](#)

IMPORTED WATER OUTLET RELEASES

[Appendix H](#)

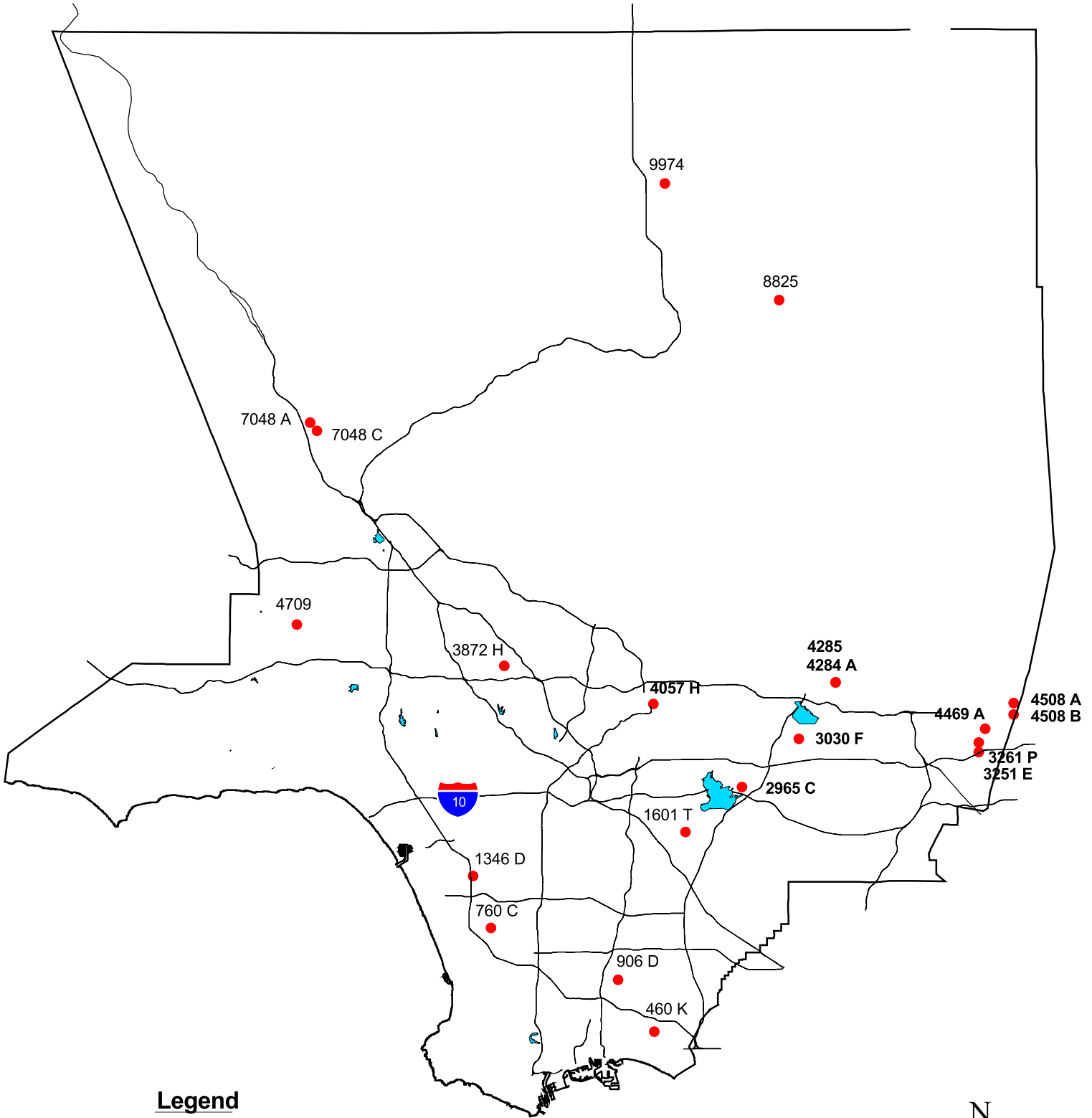
RECLAIMED WATER

[Appendix I](#)

WATER CONSERVATION

GROUND WATER FLUCTUATION**Appendix J**

Location	Appendix J
Coastal Plain, City of Long Beach	Appendix J-01
Coastal Plain	Appendix J-02
Coastal Plain, City of Long Beach	Appendix J-03
Central Basin	Appendix J-04
Main San Gabriel Basin	Appendix J-05
Main San Gabriel Basin, Baldwin Park	Appendix J-06
Pomona Basin	Appendix J-07
San Fernando Valley, Canoga Park	Appendix J-08
San Fernando Valley, Burbank	Appendix J-09
Raymond Basin	Appendix J-10
San Gabriel Canyon Basin, North of Azusa	Appendix J-11
Upper Claremont Heights	Appendix J-12
Santa Clarita Valley, Near Castaic Junction	Appendix J-13
Little Rock, South of Palmdale	Appendix J-14
Antelope Valley, South of Lancaster	Appendix J-15



Legend

● Keywell Location



Not to scale

APPENDIX A

HYDROLOGIC REPORT 1997 – 1998

PRECIPITATION – DAILY RAINFALL SUMMARY

PRECIPITATION

DAILY RAINFALL SUMMARY

5B Calabasas

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-09-24

Longitude: 118-38-14

Elevation: 924 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.15		0.01		0.35					
2					1.10			0.10				0.37
3				0.06	4.14		0.06	0.03				
4				0.41	0.20		0.07	0.12				0.07
5			1.36					1.90				
6			3.75		2.92	0.48		0.20				
7			0.10		0.70		0.02					
8			0.02		1.50							
9				0.68	0.62							
10		0.66		0.73			0.97					
11												
12							0.06	0.80	0.12			
13		0.40		0.10			0.02	1.00				
14					1.74	0.57						
15		0.06		0.15								
16									0.02			
17					0.88							
18			0.90									
19				0.10	0.09							
20					0.50							
21												
22					1.20							
23					4.08							
24					0.44							
25						2.08						
26		0.65				0.11						
27		0.02										
28						0.12						
29				0.79								
30		1.09										
31				0.09		0.35						
Totals	0.00	2.88	6.28	3.11	20.12	3.71	1.55	4.15	0.14	0.00	0.00	0.44
Water Year Total:												42.38

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

6 Topanga Patrol Station

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-05-03

Longitude: 118-35-57

Elevation: 745 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.08		0.04					
2					0.64		0.04	0.28				
3				0.12	2.00		0.08	0.08				
4				0.40			0.24	1.40				0.04
5			1.12	0.04		0.08		1.16				
6			0.80			1.92		0.08				
7			0.08			2.72						
8						0.08						
9				1.36								
10		0.40		0.04								
11							1.28		0.08			
12				0.04				1.44				
13		0.24				0.32	0.08	0.96				
14					1.12							
15		0.04		0.08					0.08			
16					0.24							
17					0.48							
18			0.80	0.16								
19				0.04	0.88							
20												
21					0.40							
22					1.84							
23					2.08							
24												
25						4.28						
26		0.56										
27												
28						0.28						
29				1.00								
30		0.20										
31				0.08		0.72						
Totals	0.00	1.44	2.80	3.36	14.48	5.68	1.76	5.40	0.16	0.00	0.00	0.04
Water Year Total:												35.12

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

9B Sepulveda and Rayen

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-13-52

Longitude: 118-28-04

Elevation: 828 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							1.00					
2					0.55			0.18				
3				0.10	2.13			0.03				0.03
4				0.53	0.68		0.25	0.14				0.10
5							0.19	1.48				
6			4.07		2.00	0.63	0.05	0.71				
7			0.12									
8					2.28			0.09				
9			0.16					0.01				
10		T		0.01								
11		1.13										
12							0.68					
13		0.20		0.19				1.40	0.13			
14		0.20			0.13	0.56	0.05	0.30				
15		0.04	0.01		1.58							
16				0.13								
17					0.61							
18			T									
19			1.04	0.15								
20		T			0.98							
21												
22					1.50							
23					0.70							
24					2.23							
25					0.04	2.30						
26						0.50						0.02
27												0.02
28		0.53				0.20						
29												
30		0.21		0.70								
31				0.05								
Totals	0.00	2.31	5.40	1.86	15.41	4.19	2.22	4.34	0.13	0.00	0.00	0.17
												Water Year Total: 36.03

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

10A Bel Air Hotel

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-05-11

Longitude: 118-26-45

Elevation: 540 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.08							
2				0.04	1.30			0.08				
3				0.16	2.40		0.04	0.11				
4				0.27			0.20	0.87				0.04
5			1.73			0.12		0.91				
6			1.50		2.71	0.20		0.19				0.04
7			0.23		2.05							
8					0.63							
9				1.93				0.04				
10		0.59		0.12								
11		0.04					0.71		0.08			
12								1.14	0.07			
13		0.51		0.12		0.47		1.11				
14					2.48	0.08						
15		0.04		0.07								
16					0.36				0.04			
17					0.47							
18			0.99	0.04								
19				0.20	0.90							
20												
21					0.67							
22					2.05							
23					3.66							
24					0.59	0.04						
25						4.56						
26		0.83				0.04						
27												0.04
28						0.28						
29				1.46		0.04						
30		1.14										
31				0.04		0.94						
Totals	0.00	3.15	4.45	4.45	20.35	6.77	0.95	4.45	0.19	0.00	0.00	0.12
												Water Year Total: 44.88

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

11D Upper Franklin Canyon Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-07-10

Longitude: 118-24-35

Elevation: 867 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.40		0.07		1.22					
2					1.10		0.03	0.14				
3				0.22	2.56							
4				T	0.16		0.07	0.21				
5				0.22			0.31					
6			3.58			0.37	0.03	0.28				
7			0.19		2.40							
8					2.30							
9			T	0.56	0.40			0.04				
10		0.74		1.31								
11									0.15			
12							0.71		0.10			
13		0.35		0.20				2.23				
14		0.25				0.81						
15					1.87							
16		0.01		0.08								
17					0.73							
18			0.02T									
19			1.18	0.25								
20					0.79							
21												
22					1.81							
23					2.53							
24												
25						2.15						
26		0.52				1.73						
27		0.08										
28						0.51						
29				0.63								
30		0.80		0.79								
31												
Totals	0.00	2.75	5.37	4.26	16.72	5.57	2.37	2.90	0.25	0.00	0.00	0.00
Water Year Total:												40.19

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

13C North Hollywood-Lakeside

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-08-46

Longitude: 118-21-13

Elevation: 550 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			1.16				1.30					
2					0.38		0.05	0.05				
3				0.17	0.58							
4					3.05		0.06	0.18				
5				0.25			0.25	0.90				
6			2.00					1.38				
7			0.11		2.80							
8			0.10		2.70							
9			0.05		0.33							
10				1.73								
11		0.80										
12							0.85		0.10			
13		0.05		0.15				1.80				
14		0.38				0.47		0.52				
15					1.38							
16				0.05								
17					0.52							
18												
19			0.95	0.19								
20					0.80							
21												
22					1.48							
23					1.35							
24					3.80							
25												
26						3.70						
27		0.94				0.32						
28				0.34								
29												
30				0.88								
31												
Totals	0.00	2.17	4.37	3.76	19.17	4.49	2.51	4.83	0.10	0.00	0.00	0.00
											Water Year Total:	41.40

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

17 Sepulveda Canyon At Mulholland

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-07-51

Longitude: 118-29-26

Elevation: 1425 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.16		0.04					
2					1.81			0.12				
3				0.08	2.72		0.08	0.16				
4				0.27			0.20	1.18				
5			2.28			0.20		1.53				
6			1.97		2.64	0.23		0.12				
7			0.04		3.30							
8					0.52							
9				1.34				0.04				
10		0.59		0.08								
11		0.04					1.02		0.08			
12					0.03		0.04	1.06	0.12			
13		0.55		0.12		0.48		1.30				
14					1.85	0.11						
15		0.04		0.08								
16				0.08	0.32				0.04			
17					0.67							
18			1.14	0.04								
19				0.15	0.94							
20												
21					0.28							
22					1.54							
23					4.84							
24					0.47							
25						4.18						
26		0.83										
27												
28						0.23						
29				1.26								
30		1.26										
31				0.04		1.18						
Totals	0.00	3.31	5.43	3.54	22.09	6.61	1.38	5.51	0.24	0.00	0.00	0.00
Water Year Total:												48.11

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

20B Girard Reservoir

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-09-07

Longitude: 118-36-36

Elevation: 986 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.06		0.72					
2			0.45		0.82		0.06	0.08				
3				0.04	3.11			0.04				
4					1.32		0.11	0.17				0.22
5				0.30			0.04	1.71				
6			4.02		2.72	0.57		0.52				
7					0.30							
8			0.23		2.62							
9				0.07	0.72			0.02				
10		0.28		1.48								
11												
12		0.64						0.49	0.13			
13						0.62	0.05	1.39				
14		0.42			0.28			0.03				
15					1.29							
16		0.05							0.04			
17				0.34	0.92							
18				0.02								
19				0.14								
20			0.88	0.02	0.67							
21												
22					1.11							
23					3.38							
24					2.48							
25						2.42						
26		0.80										
27						0.65						
28		0.10										
29												
30		0.82										
31				0.80								
Totals	0.00	3.11	5.58	3.21	21.80	4.26	0.98	4.45	0.17	0.00	0.00	0.22
Water Year Total:												43.78

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

21B Woodland Hills

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-10-14

Longitude: 118-35-33

Elevation: 875 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.20				0.56					
2					0.75			0.10				0.13
3				0.06	3.17		0.03	0.01				0.06
4				0.32	0.09		0.09	0.15				
5			1.05				0.01	1.60				
6			2.86		2.13	0.49		0.40				
7			0.09		0.53							
8			0.03		1.61							
9				0.38	0.44			0.01				
10		0.90		0.93								
11							0.96					
12							0.90	0.90	0.10			
13		0.40		0.15			0.13	0.90				
14					1.58	0.54						
15		0.02		0.15								
16				0.15					0.05			
17					0.80							
18			0.90		0.10							
19				0.10								
20		0.02			0.64							
21												
22					1.32							
23					2.00							
24					0.52							
25						2.00						
26		0.70				0.30						
27		0.05				0.02						
28						0.21						
29				0.78								
30		1.03				0.04						
31				0.10		0.30						
Totals	0.00	3.12	5.13	3.12	15.68	3.90	2.68	4.07	0.15	0.00	0.00	0.19
												Water Year Total: 38.04

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

23B Chatsworth Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-13-44

Longitude: 118-37-18

Elevation: 900 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	T		1.15		1.00		0.66					
2				0.12			0.06					
3				T								0.12
4				0.33			0.13	0.24				
5							0.11	1.32				
6	T		3.34		5.10	0.47	0.08					
7	T		1.02									
8			0.28					0.39	T			0.06
9			0.01	0.37	3.57		0.02	T				
10		0.04		0.83					T			
11												
12		0.82					0.75		0.12			
13		0.42		0.19	0.02							
14		0.01				0.58	0.02	2.20				
15			T									
16				0.25								
17		0.08			2.82	0.01						
18									0.01			
19			0.94		0.01							
20		0.03		0.19	0.82							
21												
22												
23					3.35							
24					2.37							
25												
26		0.49				2.42						
27		0.07										
28						0.33						0.01
29				0.63								
30												
31				0.22								
Totals	0.00	1.96	6.74	3.13	19.06	3.81	1.81	4.17	0.13	0.00	0.00	0.19
Water Year Total:												41.00

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

25C Northridge-L.A.D.W.P.

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-13-52

Longitude: 118-32-28

Elevation: 810 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.18		0.65					
2				0.11	0.35		0.09	0.19				
3				T	1.77		T	0.05				T
4				0.25	1.30		0.06	0.14				0.14
5							0.05	1.56				
6			2.92		1.98	0.50	0.04	0.40				
7			0.89		0.30		0.11	0.11	T			
8			0.24		2.15		0.08	0.08	T			
9			T	T	0.44				T			
10		0.01		1.02					T			
11							0.09	0.09	0.02			
12		1.38					0.74		0.13			
13		0.05		0.17	0.01		1.57	1.57				
14		0.40					0.07	0.26				
15		0.07	T	T	1.92							
16				0.20		0.56			T			
17					0.65	0.01			0.01			
18			0.02T									
19			0.99		0.01							
20		0.03		0.15	0.82							
21												
22					1.42							
23					0.71							
24					2.06							
25					T	1.25						
26		T				1.00						
27		0.52										
28						0.11						T
29		0.02		0.25		T						
30				0.46								
31												
Totals	0.00	2.48	5.06	2.61	16.07	3.43	3.55	4.45	0.16	0.00	0.00	0.14
Water Year Total:												37.95

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

32C Newhall - Fire Station 73

Gage Type: Standard recording gage (DPW)

Observation Time: 800

Latitude 34-23-07

Longitude: 118-31-54

Elevation: 1243 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.07E							
2					0.48E							
3					1.71E							T
4				0.36			0.18					
5								2.24				
6			5.23E		0.89E	0.32	0.13					
7			0.36		1.49E			0.59				
8					0.51E							
9				1.32								
10		0.62										
11							0.59					
12								1.59				
13		0.29		0.23								
14												
15					1.51							
16												
17												
18												
19			0.90	0.30								
20												
21												
22					2.60							
23												
24					4.46							
25							2.88					
26		1.10										
27												
28												
29												
30		0.88										
31				0.84		1.10						
Totals	0.00	2.89	6.49	3.05	13.72	4.30	0.90	4.42	0.00	0.00	0.00	0.00
Water Year Total:												35.77

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

33A Pacoima Dam

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-19-48

Longitude: 118-23-59

Elevation: 1500 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.84		0.23							
2					0.24			0.22				
3				0.06	0.56			0.04				
4				0.02	1.91			0.19				0.15
5				0.56				1.64				T
6			3.24			0.72		0.89				
7			0.05		1.37	T		0.04	0.02			
8			0.22		2.65			0.04				
9				0.05	0.53			0.15				
10		T		1.09				0.02				
11		1.32		0.06					0.10			
12									0.23			
13		0.07		0.29				1.44	0.08			
14		0.27				0.52		0.09				
15					1.52							
16		T		0.08		0.01				T		
17					0.65	0.05			0.08			
18			T		T							
19			0.79	0.31								
20		T			0.96							
21												
22					1.31							
23					1.26							
24					3.30							
25						1.02						
26						2.25		0.02				
27		0.68				T						0.07
28		0.06				0.37						0.01
29				0.15		0.01						
30		0.02		0.47								
31												
Totals	0.00	2.42	5.14	3.14	16.49	4.95	0.00	4.78	0.51	0.00	0.00	0.23
												Water Year Total: 37.66

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

42C Redondo Beach-City Hall

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-50-43

Longitude: 118-23-20

Elevation: 70 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.03		0.13					
2				0.03	0.59			0.04				
3				0.15	2.54		0.05	0.03				
4				0.24	0.08		0.07	0.22				
5			0.89		T	0.35		0.33				
6			1.93		1.26	0.22		0.05				
7			0.15		1.48				0.01			
8				0.01	0.39							
9				1.03								
10				0.45								
11		0.66		0.01	T		0.83		0.02			
12		0.01		0.24	T			0.45	T			
13		0.64		0.07		0.68	0.03	0.38				
14			T		1.34	0.21						
15			T	0.05								
16				T	0.31				0.01			
17		0.11			0.54							
18			1.49	T								
19				0.10	0.75							
20		0.02										
21					0.13							
22					0.48							
23					1.27							
24					0.79					T		
25						1.13						
26		0.41										
27		0.28				0.04						
28						0.28						
29				0.57								
30												
31				0.25		0.62						
Totals	0.00	2.13	4.46	3.20	11.98	3.53	1.11	1.50	0.04	0.00	0.00	0.00
											Water Year Total:	27.95

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

43D Palos Verdes Estates

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-47-58

Longitude: 118-23-29

Elevation: 216 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.76					
2					0.62		0.17					
3					2.14							
4					0.44			0.04				
5				0.66	0.86	0.38	0.06	0.23				
6			2.35					0.42				
7			0.23									
8			0.05									
9					1.90							
10				0.97								
11		0.72										
12				0.03			0.78					
13		0.48		0.06				0.80				
14						1.16	0.08	0.15				
15					1.56							
16					0.68							
17		0.14										
18			1.61									
19				0.17								
20		0.08			0.72							
21												
22					0.74							
23												
24					2.01							
25						1.20						
26		0.71				0.10						
27												
28												
29				0.58		0.38						
30		0.25										
31						0.18						
Totals	0.00	2.38	4.24	2.47	11.67	3.40	1.85	1.64	0.00	0.00	0.00	0.00
												Water Year Total: 27.65

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

44A Point Vicente Lighthouse

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 33-44-30

Longitude: 118-24-38

Elevation: 125 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.04					
2				0.04	0.35							
3				0.04	2.29							
4				0.43	0.04			0.16				
5			0.40			0.04		0.47				
6			1.45		0.47	0.20						
7			0.16		0.82							
8					0.36							
9				0.63								
10		0.08		0.12								
11							0.47					
12							0.04	0.40				
13		0.94		0.04		0.67		0.11				
14					1.38	0.04						
15		0.04		0.08								
16					0.15				0.04			
17					0.75							
18			0.63									
19			0.04	0.12	0.47							
20												
21					0.16							
22					0.36							
23					1.02							
24					0.47							
25						0.75						
26		0.55				0.03						
27												
28						0.32						
29				0.43								
30		0.12										
31				0.04		0.59						
Totals	0.00	1.73	2.68	1.97	9.09	2.64	0.55	1.14	0.04	0.00	0.00	0.00
											Water Year Total:	19.84

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

46D Big Tujunga Dam

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-17-40

Longitude: 118-11-14

Elevation: 2315 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.62				1.53					
2					0.18		0.26	0.04				0.08
3				0.16	0.94			0.31				0.32
4				0.28	2.30		0.19	0.31				
5				0.45			0.12	1.72				
6			2.76		T	0.97	0.14	2.18				
7	0.02		0.32		2.35		0.10					
8			0.42		3.59							
9			T	T				T				
10				1.87								
11	0.03	1.62		T							T	
12		0.10					0.60	T	0.12	0.12		
13		0.07		0.15	T			3.12			T	
14		0.24			0.03	0.07	0.17	0.42				
15					1.53							
16		0.03		0.10	0.82							
17												
18												
19			0.60	0.36	0.73							
20												
21			0.15									
22					1.61							
23												
24					6.30							
25						0.76						
26		0.02				1.18						
27		1.45				0.04						0.04
28						1.02						
29				0.24								
30				0.62								
31						T						
Totals	0.05	3.53	4.87	4.23	20.38	4.04	3.11	8.10	0.12	0.12	0.00	0.44
Water Year Total:												48.99

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

47D Clear Creek-City School

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-16-38

Longitude: 118-10-12

Elevation: 3150 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.27				0.78					
2				0.11	0.24		0.08	0.16				
3				0.28	2.75			0.11				0.12
4		0.04		0.35			0.24	0.24				0.08
5			1.03	0.20				0.08				
6	0.04		1.41		2.36		0.08	0.04				
7			0.36		2.76							
8					0.63							
9				1.85	0.04	0.04						
10	0.08	1.46		0.39				0.04				
11									0.04			
12								0.20	0.12			
13		0.31		0.12		0.44	0.59	0.07				
14					1.69	0.23		0.08				
15					0.04							
16				0.08	0.24							
17					0.51							
18			0.75									
19			0.04		0.75							
20												
21				0.47	0.08							
22					1.97							
23					10.1							
24					0.67							
25						1.66						
26		1.42						0.08				
27						0.43						0.12
28						0.43						
29												
30		0.08										
31				0.83		0.36						
Totals	0.12	3.31	3.86	4.68	24.92	3.59	1.77	1.10	0.16	0.00	0.00	0.32
												Water Year Total: 43.83

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

54C Loomis Ranch-Alder Creek

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-20-55

Longitude: 118-02-54

Elevation: 4325 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.47					
2				0.04	0.04		0.67	0.08				
3				0.08	2.52		0.04	0.16				0.59
4				0.24	0.04		0.12	0.31				0.16
5			1.14			0.28	0.16	0.91				
6			1.85		2.16	0.12	0.15	0.23				
7			0.16		1.73		0.04	0.24				
8					0.36							
9				0.82	0.16							
10	0.04	0.43		0.32								
11							0.44					
12					0.03			1.10	0.08			
13		0.28		0.08		0.23	0.15	0.67			0.08	
14					0.95	0.71	0.08					
15				0.07			0.04					
16					0.08							0.19
17					0.27							
18			0.15									
19			0.04	0.04	0.20							
20					0.24							
21			0.08		0.08							
22					1.02							
23					3.90							
24					0.86							
25						1.65		0.04				
26		1.65										
27		0.04				0.40						
28						0.43						
29				0.44								
30		0.12										
31						0.16					0.71	
Totals	0.04	2.52	3.42	2.13	14.64	3.98	2.36	3.74	0.08	0.00	0.79	0.94
											Water Year Total:	34.64

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

57B Camp Hi Hill (Opids)

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-15-18

Longitude: 118-05-41

Elevation: 4250 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.02		0.12		1.49E					0.02E
2				0.08	0.63		0.18E					
3				0.25	3.27			A				
4				0.70				2.16A				0.12E
5			1.77	0.01			0.45E	2.32E				0.02E
6			2.43	0.01	3.27	1.11E		0.04E				
7	0.05		0.50		3.31		0.05E					
8					1.08							
9				2.52	0.01				0.04E			
10		2.14	0.01	0.38								
11		0.02							0.14E			
12		0.02					0.80E	1.24E	0.35E			
13		0.63		0.13	0.02		0.23E	0.52E				
14					1.98	0.68E		0.04E				
15				0.03	0.04							
16		0.02		0.02	0.35	T						
17					0.88	0.04E			0.15E			
18			0.53									
19			0.03	0.42	0.84							
20					0.05							
21			0.18		0.27							
22					2.41							
23					13.3							
24					0.84							
25						1.55E						
26		2.04				0.87E		0.08E				
27						0.18E						0.08E
28						0.68E						
29				1.32								
30		0.81		0.03								
31						0.23E				E	E	
Totals	0.05	5.68	5.47	5.90	32.76	5.34	3.20	6.40	0.68	0.00	0.00	0.24
										Water Year Total:		65.72

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total

E - Estimated

T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

63C Santa Anita Dam

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-11-03

Longitude: 118-01-12

Elevation: 1400 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			1.11				1.45					0.02
2					0.04		0.08	0.05				
3				0.20	0.50			0.37				
4				0.02	1.64		0.09	0.15	0.07			0.02
5				0.44		0.01	0.28	0.60				0.07
6			2.35			0.80		2.61				
7	T		0.22		2.32		0.02		0.05			
8			0.25		2.86							
9				0.01	0.65			0.14	0.03			
10				2.02								
11		1.63		0.02					0.12			
12							0.52	T	0.31			
13		0.07		0.10				2.63	0.39			
14		0.60			0.03	0.72	0.06	0.52				
15					1.87	0.04						
16		0.02		0.06		0.07			0.03			
17					0.94	0.13			0.39			
18						T						
19			0.60	0.31								
20					0.68							
21			0.12									0.03
22			0.14		1.50							
23					1.93							
24	0.01				4.60							
25						1.04		0.03				
26						1.81		0.20				
27		0.99				0.16						
28						0.85						
29				0.29								
30				0.65								
31						0.05						
Totals	0.01	3.31	4.79	4.12	19.56	5.68	2.50	7.30	1.39	0.00	0.00	0.14
											Water Year Total:	48.80

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

67G Monrovia-Mountain Avenue

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-08-46

Longitude: 117-59-05

Elevation: 602 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.45				1.05					
2					0.02		0.03					
3				0.18	1.91			0.20				
4							0.09	0.10		0.05		
5				0.35			0.17	0.20				
6			1.71			0.53		2.70				
7			0.20		2.16							
8					2.82							
9				0.05	0.45							
10				1.92								
11		0.80		0.02					0.02			
12							0.42	0.04	0.16			
13		0.07		0.07				2.41	0.04			
14		0.43			0.82	0.43	0.03	0.14				
15					0.92	0.02						
16				0.07		0.03			0.02			
17					0.92	0.04			0.16			
18												
19			0.63	0.21								
20					0.55							
21			0.10									
22			0.03		1.37							
23					1.23							
24					3.34							
25						0.85						
26						1.62		0.18				
27		1.03				0.10						
28						0.77						
29				0.21		0.08						
30				0.34								
31												
Totals	0.00	2.33	3.12	3.42	16.51	4.47	1.79	5.97	0.40	0.05	0.00	0.00
												Water Year Total: 38.06

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

68C Sawpit Dam

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-10-30

Longitude: 117-59-07

Elevation: 1375 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.51				1.20					0.05
2					T		0.09	0.02				
3				0.26	0.51			0.46				
4				0.02	1.60		0.07	0.15	0.12			0.05
5				0.45		0.05	0.29	0.45				0.13
6	T		1.95		T	0.82		2.82				
7			0.27		2.04	0.02	0.05	T				
8			0.14		2.98							
9				0.03	0.65			0.12	0.10			
10				1.95	0.02			0.05				
11		1.21		T					0.12			
12		T					0.57	0.03	0.34			
13		0.08		0.12				2.68	0.12			
14		0.78			0.03	0.78	0.06	0.52				
15					1.90	0.03		0.02				
16		0.02		0.08		0.07			0.03			
17					0.90	0.19			0.36			
18					T	0.05						
19			0.59	0.30								
20					0.69							
21			0.11									T
22			0.16		1.50							T
23					2.12							
24	T				4.80							
25						0.80		0.03				
26		T				1.75		0.20				
27		0.98				0.18						0.03
28						1.00						
29				0.30		0.04						
30		T		0.62		0.03						
31												
Totals	0.00	3.07	3.73	4.13	19.74	5.81	2.33	7.55	1.19	0.00	0.00	0.26
												Water Year Total: 47.81

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

82F Table Mountain

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-22-56

Longitude: 117-40-39

Elevation: 7420 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							2.25					
2								0.40				
3					1.90			A				
4				0.28				A				
5								1.37A				
6					A	0.40	0.80					
7			2.06		A			0.18				
8					3.00A							
9				A				0.20				
10		0.05		1.63A								
11				0.57E			0.65					
12				0.30E				0.32				
13												
14						0.60	1.00					
15			0.10	0.03E								
16					2.00							
17												
18												
19				0.08E								
20												
21			0.10		4.00							
22					2.00							
23					2.00							
24												
25								0.08				
26		1.40				2.65						
27												
28												
29				0.43E								
30				0.02E								
31						2.15						
Totals	0.00	1.45	2.26	3.34	14.90	5.80	4.70	2.55	0.00	0.00	0.00	0.00
Water Year Total:												35.00

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

83B Big Pines Recreation Park

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-22-44

Longitude: 117-41-20

Elevation: 6860 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.08		0.08		0.04					
2					0.28		0.40	0.04				
3				0.24				0.16				
4							0.20	0.52				
5			0.80	0.04	0.44			1.68				
6			1.20	0.16	0.44	0.32	0.04	0.80				
7	0.12		1.44			0.04	0.24	0.20				
8			0.04		0.08							
9				0.84	0.20							
10		0.80		0.44	0.48							
11	0.24			0.28	0.52							
12				0.64	0.68		0.52	0.04				
13		0.48	0.24					0.04				
14			0.04		0.80	0.04	0.12	1.04				
15				0.04	0.16	1.04	0.12					
16					0.16							
17					0.04							
18					0.44							
19			0.04	0.12								
20												
21					0.44							
22					1.32							
23			0.12		2.16							
24			0.04		0.04							
25						0.68						
26		0.60			0.56	0.68						
27		0.16			0.72	0.40						
28		0.16			0.84							
29				0.68		0.16						
30		0.12		0.04		0.56						
31												
Totals	0.36	2.32	4.04	3.52	10.88	3.92	1.68	4.52	0.00	0.00	0.00	0.00
												Water Year Total: 31.24

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

89B San Dimas Dam

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-09-10

Longitude: 117-46-17

Elevation: 1350 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.48		0.01		0.97					0.56
2					0.02		0.09					
3				0.20	0.19	T		T				0.12
4				0.14	1.60	0.04	0.33	0.10	0.09			T
5				0.44	0.03	0.01	0.10	0.44				T
6			1.91		T	0.70	0.01	1.71				
7	0.23		0.54		1.78	0.07	0.22					
8	0.01		0.75		2.38			0.12				
9				0.02	0.41			0.05	T			
10				2.84				0.01				
11		1.20							0.03		0.03	
12							0.50	0.04	0.09			
13		0.06		0.01	0.01			1.86	0.09			
14		0.78			0.04	0.23	0.09	0.96				
15					1.49	0.28						
16		0.02				0.08						
17					0.72	0.09			0.10			
18						0.03						
19			0.10	0.27								
20					0.72							T
21			0.12									
22			0.03		1.63							
23	0.01				1.26							
24					3.39							
25						0.20		0.02				
26		T				1.51		0.09				
27		1.71				0.09						
28						0.90						
29				0.17		0.05						
30		0.02		0.47								
31												
Totals	0.25	3.79	3.93	4.56	15.68	4.28	2.31	5.40	0.40	0.00	0.03	0.68
										Water Year Total:		41.31

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

93C Claremont-Police Station

Gage Type: 8.81 inch diameter (DPW)

Observation Time: 800

Latitude 34-05-45

Longitude: 117-43-18

Elevation: 1170 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.28					0.20
2												0.15
3				0.22	1.00		0.20					0.15
4				0.48	0.82		0.05	0.12				
5								0.50				
6			1.00		1.29	0.53		0.32				
7			0.70		0.42							
8			0.14		2.61			0.24				
9				1.09	0.23							
10		0.72		2.21								
11							0.37		0.01			
12							0.01		0.05			
13							0.41	1.45				
14					1.44	0.36						
15		0.54			0.05		0.12					
16						0.08			0.06			
17					0.25							
18						0.01						
19			0.13	0.35								
20					0.95							
21			0.14									
22					1.92							
23					1.18							
24					1.42							
25					0.68	1.23						
26		0.96				0.19						
27						0.17						
28		0.20				0.56						
29												
30		0.40										
31						0.70						
Totals	0.00	2.82	2.11	4.35	14.26	3.83	1.44	2.63	0.12	0.00	0.00	0.50
												Water Year Total: 32.06

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

95 San Dimas-Fire Warden

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-06-26

Longitude: 117-48-19

Elevation: 955 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2							0.20					0.45
3					1.95							
4				0.80								
5								0.30				
6			2.00			0.45		1.10				
7												
8					4.70							
9				2.85	0.35							
10												
11		0.85										
12							0.90					
13		0.20						1.95				
14						0.60	0.10	0.66				
15					1.85							
16					0.60	T						
17												
18												
19			0.25	0.30								
20					0.61							
21			0.19									
22					1.80							
23					0.85							
24					3.10							
25												
26						1.85						
27												
28						0.60						
29				0.63								
30												
31						0.78						
Totals	0.00	1.05	2.44	4.58	15.81	4.28	1.20	4.01	0.00	0.00	0.00	0.45
												Water Year Total: 33.82

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

96C Puddingstone Dam

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-05-31

Longitude: 117-48-24

Elevation: 1030 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.45		0.01		0.73					0.17
2					0.01		0.25					
3				0.22	0.29			T				0.95
4				0.18	1.66		0.15	0.10				T
5				0.56			0.08	0.21				
6	0.01		1.73			0.52		0.88				0.01
7			0.58		1.70	0.05						
8			0.20		2.96							
9				0.05	0.38				T			
10				2.63				T				
11		0.70		0.07							T	
12							0.45	0.06	0.07			
13		0.05		0.04				1.73				
14		0.50				0.48	0.13	0.60				
15					1.73	0.03						
16						0.02						
17					0.68	0.03			0.02			
18												
19			0.33	0.35								
20					0.56					0.31		
21			0.12									
22			0.04		1.44							
23					1.21							
24					2.78							
25						0.25						
26						1.33						
27		1.01				T						
28		T				0.41						
29				0.18		0.01						
30		T		0.40								
31												
Totals	0.01	2.26	3.45	4.68	15.41	3.13	1.79	3.58	0.09	0.31	0.00	1.13
Water Year Total:												35.84

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

102D Walnut-N.I. Industries

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-00-11

Longitude: 117-52-10

Elevation: 500 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.39		0.01		0.84					0.04
2					0.01		T					
3				0.03	0.20		0.04	0.01				0.87
4				0.74	1.61		0.06	0.11				
5				0.56			0.12	0.19				
6			1.80			0.45		0.32				
7			0.65		1.43	0.02		0.32				
8			0.15	0.03	2.82							
9					0.32							
10				3.19								
11		0.37		0.10								
12		0.01		0.01			0.33	0.02	0.04			
13		0.61		0.04				1.02	0.01			
14						0.82	0.04	0.50				
15				0.01	1.82							
16				0.04								
17					0.46							
18			T		0.07							
19			0.89	0.23								
20			0.01		0.64							
21					0.01							
22			0.10		1.48							
23					0.89							
24					3.46							
25					0.03	0.14						
26						1.70						
27		0.90				0.02						
28						0.39						
29						0.09						
30				0.56								
31												
Totals	0.00	1.89	3.99	5.54	15.26	3.63	1.43	2.49	0.05	0.00	0.00	0.91
												Water Year Total: 35.19

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

106F Whittier City Yard

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-58-57

Longitude: 118-02-50

Elevation: 300 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2				0.01	0.01							0.37
3				0.72	1.65			0.01				
4				0.50			0.26	0.13				
5			0.26			0.15		0.22				
6			1.53		1.10	0.23		0.03				
7			0.22		1.89							
8			0.04		0.43							
9				2.26								
10		0.35		0.38								
11							0.45					
12								0.58				
13		0.47		0.08		0.54		0.39				
14					1.72	0.23						
15				0.08								
16					0.27				0.06			
17					0.52							
18			0.81									
19			0.04	0.23	0.41							
20												
21					0.05							
22					1.23							
23					2.09							
24					0.68							
25						2.20						
26		0.62										
27		0.08										
28						0.44						
29				0.62								
30		0.77										
31				0.13		0.91						
Totals	0.00	2.29	2.90	5.01	12.05	4.70	0.71	1.36	0.06	0.00	0.00	0.37
											Water Year Total:	29.45

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

107D Downey-Fire Department

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-55-48

Longitude: 118-08-47

Elevation: 110 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							1.16					
2					0.44							
3				0.18	1.75		0.10					
4							0.15					
5			0.13					0.70				
6			1.50		1.95							
7			0.01		0.12							
8			0.40		2.10							
9				1.30	0.22							
10		0.14		0.73								
11		0.23					1.01		0.07			
12							0.10	0.75	0.18			
13		0.44						0.48				
14				0.15	2.05	1.20						
15												
16									0.02			
17					1.56							
18			1.16									
19				0.21	0.75							
20		0.09										
21												
22					1.93							
23					1.94							
24												
25						2.45						
26		0.78										
27		0.18										
28						0.42						
29				0.62								
30		0.32										
31				0.55								
Totals	0.00	2.18	3.20	3.74	14.81	4.07	2.52	1.93	0.27	0.00	0.00	0.00
										Water Year Total:		32.72

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

108D El Monte Fire Station

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-04-30

Longitude: 118-02-30

Elevation: 275 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.62		0.04		0.74E					
2							0.02E					
3				0.12				0.11				
4					2.00		0.07E	0.16				
5				0.42			0.08E					
6			1.91			0.35E		2.90				
7			0.15		1.92							
8			0.15		3.57							
9				0.07								
10		T		2.25								
11		0.56		T			0.39E		0.03E			
12							0.10E	1.71	0.03E			
13		0.07		0.05	T		0.03E					
14		0.30				0.52E						
15					2.08	0.01E						
16												
17					1.08				0.03E			
18												
19			0.94	0.21								
20					0.59							
21			0.03									
22					1.66							
23					0.70							
24					2.20							
25						2.57E						
26						0.01E						
27		0.69				0.11E						
28						0.53E						
29				0.40								
30				0.48		0.07E						
31						0.08E						
Totals	0.00	1.62	3.80	4.00	15.84	4.25	1.43	4.88	0.09	0.00	0.00	0.00
												Water Year Total: 35.91

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

109D West Arcadia

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-07-42

Longitude: 118-04-22

Elevation: 547 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.11				0.95	T				
2					0.09							
3				0.17	1.93							
4				0.30	0.04		0.17	0.40				
5							0.10	1.06				
6			2.05		1.91	0.37		1.21				
7			0.17		0.29							
8			0.10		3.22							
9				1.10	0.36							
10		1.00		1.11								
11		0.11		0.06			0.54		0.12			
12							0.13	1.35	0.27			
13		0.43		0.07			0.02	1.20				
14					1.73	1.00		0.50				
15				T	T							
16				0.08					0.50			
17					0.83							
18			0.64									
19				0.21								
20					0.62							
21			0.14									
22					1.38							
23					2.33							
24					1.42							
25						2.62						
26		0.80				0.05						
27		0.15										
28						0.54						
29				0.80								
30		0.42										
31				T		0.24						
Totals	0.00	2.91	3.21	3.90	16.15	4.82	1.91	5.72	0.89	0.00	0.00	0.00
											Water Year Total:	39.51

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

110B Alhambra

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-05-40

Longitude: 118-07-41

Elevation: 533 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.35				0.93					
2					0.15		0.04	0.07				
3				0.16	2.13			0.20				
4				0.40	0.04		0.18	0.11				
5							0.14	0.82				
6			1.90		1.91	0.36		0.92				
7			0.25		0.28							
8			0.15		2.92							
9				0.75	0.49							
10		0.96		1.64								
11		0.18					0.23					
12							0.41	0.65				
13		0.42		0.08				1.55				
14					1.89	0.77						
15				0.06	0.16							
16				0.04								
17					0.86							
18			0.95									
19			0.14	0.22								
20					0.67							
21			0.03									
22					1.60							
23					1.98							
24					1.81							
25						2.89						
26		0.68				0.07						
27		0.23				0.04						
28						0.38						
29				1.03								
30		0.33										
31				0.16		0.10						
Totals	0.00	2.80	3.77	4.54	16.89	4.61	1.93	4.32	0.00	0.00	0.00	0.00
Water Year Total:												38.86

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

120 Vincent Patrol Station

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-29-17

Longitude: 118-08-27

Elevation: 3135 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1		0.25	0.10				0.87					0.33
2					0.06		0.13					
3					1.54							
4		0.06		0.03	0.28							0.50
5								0.08				0.04
6			2.39		0.59	0.08	0.06	0.15				
7			0.03		0.13							0.02
8			0.06		0.85							
9				0.07	0.28							
10		0.03		0.57								
11												
12								0.01				
13				0.02								
14					0.04	1.15		0.96				
15					0.23							
16		0.02		0.11								
17		0.01			0.10							
18												
19			0.01	0.02								
20		0.01			0.35							
21												
22					0.69							
23					0.57							
24					1.36							
25						0.71						
26												
27		0.79										
28				0.02		0.25						
29				0.01								
30		0.10										
31							T					
Totals	0.00	1.27	2.59	0.85	7.07	2.19	1.06	1.20	0.00	0.00	0.00	0.89
												Water Year Total: 17.12

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

125B San Francisquito Canyon Ph#1 - Saugus

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-35-25

Longitude: 118-27-15

Elevation: 2105 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.04		0.02		1.07					
2					1.11		0.03	0.16E				0.05
3				0.10	2.00		0.01	0.27E	0.03			0.24
4				0.62	0.12		0.34	0.27E				0.28
5			0.38	0.05			0.14	1.64E				0.11
6	T		3.64		1.50	0.79	0.52	1.00E				T
7			0.11		0.50		0.29					0.05
8					2.30					T		
9				0.90	0.35			T				
10		0.36		0.71	T							
11	0.10	0.38		T			0.04		0.09			
12		0.01					0.05	0.47E				
13		0.28		0.02				1.31E				
14		0.09			0.80	1.36	0.08	0.25E				
15		0.17	0.04	0.05	0.11	0.03	0.27					
16		0.02		0.29						0.02		
17		T			0.52					0.03		
18		T	0.21									
19			0.08	0.36	0.01							
20					0.80							
21			0.01		T							
22					1.53							
23					3.65		T					
24					1.26							
25						1.69						
26		0.73				0.01						
27		0.13				0.28						0.05
28						0.60						
29				0.50		0.04						
30		0.59		0.12								
31				0.03		0.60						
Totals	0.10	2.76	4.51	3.75	16.58	5.40	2.84	5.37	0.17	0.00	0.00	0.78
												Water Year Total: 42.26

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

134C Puddingstone Diversion

Gage Type: 8.81 inch diameter (DPW)

Observation Time: 800

Latitude 34-07-52

Longitude: 117-46-55

Elevation: 1160 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.39		T		0.79					0.35
2					0.01		0.09					0.12
3				0.16	0.10							
4				0.14	1.61	0.02		0.05				
5				0.39	0.01		0.08	0.30				
6			1.53			0.50	0.02	1.54				
7	0.01		0.55		1.63	0.05	0.16					
8			0.49		2.16			0.05				
9				0.03	0.34			0.02				
10				2.58								
11		0.88							0.06			
12							0.42	0.05	0.06			
13		0.07						1.73	0.03			
14		0.65			T	0.29	0.06	0.76				
15		0.01			1.61	0.06						
16		0.02		0.01		0.13			0.09			
17					0.55	0.09			0.09			
18			0.14			0.02						
19				0.23								
20					0.57							
21			0.11									
22			0.02		1.34							
23					1.13							
24					2.95							
25						0.20		0.04				
26						1.25		0.04				
27		1.28				0.06						
28						0.76						
29				0.17		0.05						
30		0.01		0.44								
31												
Totals	0.01	2.92	3.23	4.15	14.01	3.48	1.62	4.58	0.33	0.00	0.00	0.47
												Water Year Total: 34.80

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

144 Sierra Madre Dam

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-10-34

Longitude: 118-02-32

Elevation: 1100 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.32				1.60					
2							0.08					
3				0.18	0.45			0.43				
4				0.09	2.09		0.10	0.13				
5				0.34		0.03	0.24	0.52				
6			2.95		0.02	0.62		3.22				
7			0.18		2.40							
8			0.20		2.85				0.04			
9				0.04	0.81			0.02				
10				1.81								
11		1.35		0.02					0.12			
12				0.04			0.52		0.38			
13		0.09		0.10				2.44	0.43			
14		0.48			0.22	0.55	0.09	0.50				
15					1.45							
16				0.10		0.11			0.04			
17					0.81	0.16			0.34			
18												
19			0.65	0.25								
20					0.61							
21			0.10									0.08
22			0.07		1.32							
23					1.85							
24					4.92							
25						1.70						
26						1.87		0.16				
27		0.92				0.08						
28						0.69						
29				0.30		0.03						
30		0.20		0.53								
31												
Totals	0.00	3.04	4.47	3.80	19.80	5.84	2.63	7.42	1.35	0.00	0.00	0.08
										Water Year Total:		48.43

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

156B La Mirada-Standard Oil Company

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 33-52-59

Longitude: 118-01-00

Elevation: 75 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.08				0.12					
2												
3				0.16	3.07							
4				0.47			0.19	0.04				
5			0.15	0.08		0.08		0.16				
6			4.10		1.89	0.31						
7			0.94		2.44							
8					0.79							
9				2.28								
10		0.24		0.56								
11							0.87		0.07			
12								0.55				
13		1.49				0.28		0.71				
14		0.08			4.17	0.20						
15				0.07						0.32		
16				0.08	0.40				0.04			
17					0.71							
18			1.18									
19				0.24	0.82							
20					0.04							
21			0.08		0.24							
22					2.91							
23					3.86							
24					1.02							
25					0.20	2.56						
26		1.02										
27		0.08				0.03						
28						0.16						
29				1.02								
30		1.66										
31				0.08		0.91						
Totals	0.00	4.57	6.53	5.04	22.56	4.53	1.18	1.46	0.11	0.32	0.00	0.00
												Water Year Total: 46.30

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

167C Arcadia Pumping Plant #1

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-09-31

Longitude: 118-02-02

Elevation: 611 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.02				1.17E					
2							0.06E	T				
3				0.15	1.87			0.22				
4				0.33			0.09E	0.10				
5							0.18E	1.10				
6			2.00			0.52		1.25				
7			0.45		2.05							
8					2.72							
9				0.60	0.47							
10		1.08		1.25								
11		0.12					0.03E		0.06			
12							0.49E	1.10	0.70			
13		0.47						1.44				
14					1.75	0.54	0.04E	0.02				
15		0.05		0.23								
16					0.01	0.06			0.15			
17					0.82							
18			0.65									
19				0.23								
20					0.58							
21			0.05									
22					1.55							
23					3.95							
24					1.40							
25						2.63		0.10				
26		0.69						0.05				
27						0.28						
28						0.42						
29				0.73								
30		0.61										
31				T		0.60						
Totals	0.00	3.02	3.17	3.52	17.17	5.05	2.06	5.38	0.91	0.00	0.00	0.00
Water Year Total:												40.28

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

169 Sierra Madre Pumping Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-09-47

Longitude: 118-02-21

Elevation: 700 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.27				1.39					
2							0.04	0.01E				
3				0.13	0.41			0.18E				
4				0.03	1.57		0.10	0.11E				
5				0.34			0.20	0.99E				
6			2.35		0.02	0.50		1.62E				
7			0.15		2.16							
8			0.16		2.76				0.02			
9				0.02	0.56			0.03E				
10				1.71								
11		1.35		0.02					0.04			
12				0.04			0.46	0.73E	0.27			
13		0.07		0.10				1.70E	0.43			
14		0.46			0.22	0.47	0.06	0.09E				
15					1.40							
16				0.07		0.09			0.02			
17					0.81	0.05			0.24			
18												
19			0.60	0.21								
20					0.56							
21			0.09									0.05
22			0.02		1.32							
23					1.37							
24					4.78							
25						0.95		0.04E				
26						1.75		0.04E				
27		0.82				0.08						
28						0.61						
29				0.31		0.02						
30		0.25		0.52								
31												
Totals	0.00	2.95	3.64	3.50	17.94	4.52	2.25	5.54	1.02	0.00	0.00	0.05
										Water Year Total:		41.41

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

170F Potrero Heights

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-02-32

Longitude: 118-04-44

Elevation: 285 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.04				0.87					
2					0.06		0.10	0.05				
3				0.24	1.47		0.01					
4				0.42	0.07		0.30	0.13				
5			0.01				0.15	0.72				
6	0.02		2.65		1.57	0.39		2.13				
7			0.07									
8			0.16		3.45							
9				1.00	0.26							
10		0.51		1.22								
11		0.04					0.34		0.07			
12							0.20	1.06	0.18			
13		0.34		0.10				0.96				
14		0.01			1.96	0.76		0.07				
15		0.02		0.08	0.02							
16												
17					1.02							
18			1.00									
19				0.24								
20		0.03			0.63							
21			0.02									
22					1.61							
23					2.35							
24					1.31							
25					0.04	2.48						
26		0.80				0.07						
27		0.12				0.03						
28						0.53						
29				0.94								
30		0.80				0.02						
31				0.14		0.06						
Totals	0.02	2.67	3.95	4.38	15.82	4.34	1.97	5.12	0.25	0.00	0.00	0.00
										Water Year Total:		38.52

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

174B **Glendora**

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-07-43

Longitude: 117-49-08

Elevation: 930 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.74					
2					0.02							
3				0.37	1.55		0.08					
4				0.46	0.12		0.18					
5			T				0.02	1.03				
6			1.92		1.35	0.56	0.11	0.74				
7	0.03		0.60		0.34							
8					2.10							
9			0.02	1.12	0.28							
10		0.79		1.39								
11							0.47					
12								0.95				
13		0.70					0.08	1.20				
14					1.80							
15												
16												
17					0.64							
18			0.21									
19												
20					0.61							
21			0.10		1.90							
22												
23					1.85							
24					2.20							
25						2.60						
26		1.40										
27		T				0.19						
28												
29				0.97								
30												
31						0.05						
Totals	0.03	2.89	2.85	4.31	14.76	3.40	1.68	3.92	0.00	0.00	0.00	0.00
Water Year Total:												33.84

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

175B La Canada Irrigation District

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-13-39

Longitude: 118-12-40

Elevation: 2020 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.45		0.08							
2					0.13		0.41	0.10E				
3				0.32	1.55			0.40E				0.07
4					1.30		0.13	0.24E				
5				0.45			0.25	2.50E				
6	0.05		2.36			0.78	0.02	0.41E				
7			0.16		2.10							
8			0.38		3.11							
9				0.03	0.32			0.09E				
10				1.91								
11		2.00		0.02					0.20			
12							0.74	1.49E	0.34			
13		0.13		0.14				1.44E	0.04			
14		0.22			0.28	0.70		0.15E				
15					1.55							
16		0.01		0.12		0.04			0.04			
17					0.44	0.09			0.46			
18												
19			0.82	0.55								
20		0.01			0.76							
21			0.02									0.04
22					1.95							
23					2.20							
24					4.32							
25						1.10		0.15E				
26		0.60				1.30		0.07E				
27		0.22				0.16						0.30
28				1.00		0.35						
29												
30		0.58		0.06								
31						1.65						
Totals	0.05	3.77	4.19	4.60	20.09	6.17	1.55	7.04	1.08	0.00	0.00	0.41
										Water Year Total:		48.95

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

176 Altadena-Rubio Canyon

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-10-55

Longitude: 118-08-15

Elevation: 1125 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							1.50					
2												
3												
4				0.37	2.75			0.62				
5								0.78				
6						0.50	0.44	1.44				
7												
8			2.64									
9					6.00							
10				1.71								
11		1.66						0.07	0.05			
12									0.19			
13		0.08		0.14			0.62	2.26				
14		0.52					0.07	0.72	0.20			
15												
16				0.09	1.57	0.96						
17					0.55				0.24			
18			0.85									
19				0.33								
20					0.54							
21			0.89									
22												
23					2.82							
24					4.00							
25						0.96						
26						1.58		0.07				
27												
28												
29				0.24								
30		1.35				0.77						
31												
Totals	0.00	3.61	4.38	2.88	18.23	4.77	2.63	5.96	0.68	0.00	0.00	0.00
												Water Year Total: 43.14

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

193C Covina-Nigg

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-04-55

Longitude: 117-52-25

Elevation: 575 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					0.05							
3				0.25	1.92		0.12	0.12				
4				0.55			0.13					
5								0.52				
6			2.34		2.02	0.42		0.46				
7			0.32		2.04							
8					1.61							
9				2.25								
10		0.64										
11							0.33		0.07			
12								1.12	0.10			
13		0.48		0.14		0.91	0.10	1.02				
14					1.92							
15		0.05		0.03								
16												
17					0.73							
18												
19			0.50	0.24	0.62							
20												
21			0.13									
22					1.73							
23					3.61							
24												
25						1.75						
26		1.06				0.08						
27												
28						0.54						
29				0.60								
30		0.52										
31						0.88						
Totals	0.00	2.75	3.29	4.06	16.25	4.58	0.68	3.24	0.17	0.00	0.00	0.00
										Water Year Total:		35.02

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

196C La Verne-Fire Station

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-06-06

Longitude: 117-46-20

Elevation: 1050 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												0.22
2							0.25					
3				0.20	1.62		0.20	0.02				
4				0.54	0.18			0.10				
5				0.25				0.45				
6			2.63		1.34	0.62		1.04				
7					0.27							
8												
9				0.40	0.38							
10		0.81		2.64								
11		0.06					0.22					
12							0.19	0.50	0.08			
13		0.50						1.26				
14					1.00							
15					0.68							
16												
17					0.57							
18			0.20									
19												
20					0.50							
21			0.24									
22					2.18							
23					1.00							
24					2.50							
25						1.55						
26		0.83										
27		0.20				0.10						
28						0.60						
29				0.60								
30		0.38										
31						0.73						
Totals	0.00	2.78	3.07	4.63	12.22	3.60	0.86	3.37	0.08	0.00	0.00	0.22
Water Year Total:												30.83

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

210C Brand Park

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-11-18

Longitude: 118-16-20

Elevation: 1250 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.04		0.12					
2					0.16			0.04				
3				0.23	2.21		0.08	0.08				
4				0.16	0.04		0.04	0.63				
5			0.98			0.20	0.04	0.71				
6			0.95		1.69	0.11		0.07				
7			0.12		1.97							
8			0.04		0.43					T		
9				1.14								
10		0.75		0.08								
11							0.39		0.04E			
12								0.63	0.08E			
13		0.24		0.08		0.36		0.60	0.01E			
14					0.83	0.08						
15												
16				0.04	0.15				0.02E			
17					0.16				0.02E			
18			0.59									
19			0.04	0.16	0.47							
20					0.04							
21												
22					1.11							
23					3.81							
24					0.32	0.04						
25						1.61						
26		0.47										
27						0.04						0.12
28						0.20						
29				0.74								
30		0.67										
31						1.73						
Totals	0.00	2.13	2.72	2.63	13.43	4.37	0.67	2.76	0.17	0.00	0.00	0.12
											Water Year Total:	29.00

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

216C Glendale - Jackson

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-09-54

Longitude: 118-15-01

Elevation: 615 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					0.20		0.01					T
3				0.28	2.15		T					
4				0.27	0.09		0.05					0.01
5			0.10				0.15					
6	T		1.84		1.55	0.34	0.16	2.08				
7			0.11		0.27							
8			0.13		2.38					T		
9				A	0.47			T				
10		0.77		1.94A								T
11									0.02			
12					T		0.52	0.80	0.04			
13		0.42		0.13	T		0.02	1.15				
14					1.58	0.49						
15		T		0.06								
16										T		
17					0.47							
18			0.89									
19				0.28	0.02							
20		0.02			0.73							
21			T									
22					1.52							
23					2.60							
24					1.52							
25						2.04		T				
26		0.90				0.01						
27						T						0.10
28						0.45						
29				1.10								
30		0.58										
31				0.05		1.70						
Totals	0.00	2.69	3.07	4.11	15.55	5.03	0.91	4.03	0.06	0.00	0.00	0.11
												Water Year Total: 35.56

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

223C Big Dalton Dam

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-10-06

Longitude: 117-48-36

Elevation: 1587 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.55				0.96					0.40
2					0.02		0.10	T				
3				0.25	0.23	T	0.18	0.02				0.02
4				0.23	1.88	T	0.11	0.14	0.04			T
5				0.52	0.07	T		1.00				T
6			2.00			1.20	0.25	2.42				
7	0.17		0.48		1.85	0.05						
8	0.03		0.61		2.96			0.05				
9				0.02	0.39			0.12	0.06			
10				2.84				T				
11		1.23							0.07		T	
12		T					0.56	0.07	0.22			
13		0.07T		0.02	0.01			2.24	0.04			
14		0.88			0.02	0.28	0.10	1.10				
15					1.74	0.06						
16		0.03		0.02		0.13						
17					0.82	0.18			0.24			
18						0.02						
19			0.68	0.33								
20					0.64							
21			0.14									
22			0.15		1.73							
23	T				1.71							
24	T				5.02							
25						0.20		0.02				
26						1.83		0.21				
27		1.88				0.13						
28		0.03				1.30						
29				0.33								
30		0.05		0.54								
31												
Totals	0.20	4.17	4.61	5.10	19.09	5.38	2.26	7.39	0.67	0.00	0.00	0.42
Water Year Total:												49.29

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

225 Montana Ranch-Lakewood

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-50-35

Longitude: 118-07-09

Elevation: 47 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.05							
2				0.10	0.20							
3					1.81							
4				0.15				1.00				
5			1.45			0.70		1.70				
6			0.75		1.30							
7			0.40		1.80							
8				0.20	0.20							
9				2.20								
10		0.07		0.30								
11							1.00	1.05				
12				0.10				0.20				
13		0.20				0.75						
14					2.45							
15		0.05		0.01								
16					1.00							
17												
18			1.36									
19					0.65							
20			0.02									
21					1.20							
22					0.30							
23					2.60							
24						0.50						
25						2.00						
26		0.60				T						
27						0.10						
28				0.02								
29				0.40		0.05						
30		0.80				0.01						
31				0.10		1.00						
Totals	0.00	1.72	3.98	3.58	13.56	5.11	1.00	3.95	0.00	0.00	0.00	0.00
											Water Year Total:	32.90

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

227D San Gabriel-Bruington-Orton

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-06-18

Longitude: 118-06-32

Elevation: 472 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.05				0.91					
2					0.27			0.14E				
3				0.13	2.00			0.24E				
4				0.38	0.12		0.14	0.12E				
5				0.01			0.15	0.65E				
6	0.01		2.18		1.90			1.02E				
7			0.37		0.24							
8			0.10		3.95							
9			0.09	1.08	0.25							
10		1.00		1.54								
11		0.02					0.44		0.06			
12							0.12	0.48E	0.12			
13		0.43		0.05				1.59E				
14		0.02		0.07	1.93	1.21						
15												
16									0.16			
17					0.83							
18			1.05									
19			0.03	0.22								
20			0.03		0.68							
21												
22					1.53							
23					2.90							
24					1.35							
25						2.94						
26		0.61										
27		0.17				0.04						
28						0.47						
29				0.94								
30		0.50										
31				0.01		0.15						
Totals	0.01	2.75	3.90	4.43	17.95	4.81	1.76	4.24	0.34	0.00	0.00	0.00
											Water Year Total:	40.19

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

228C Beverly Hills City Hall

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-06-00

Longitude: 118-23-40

Elevation: 245 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.71							
2					1.95							
3				0.18	0.82			0.27				
4				0.26		0.28	0.20	0.85				
5			2.59					0.60				
6			0.11									
7			0.19		2.03E							
8				0.01	1.88E							
9				1.94	0.52E							
10		0.80										
11							0.67	0.05				
12		0.16		0.20								
13						0.46						
14												
15		0.35		0.03	3.24							
16				0.01				0.01				
17												
18			0.96	0.19								
19		0.02			0.88							
20												
21												
22					3.57							
23					2.72							
24						2.12						
25						0.75						
26		1.15										
27						0.32						
28				1.29								
29		0.04		0.11								
30		0.84										
31				0.01								
Totals	0.00	3.36	3.85	4.23	18.32	3.93	0.87	1.78	0.00	0.00	0.00	0.00
												Water Year Total: 36.34

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

235C Henniger Flats

Gage Type: 8.81 inch diameter (DPW)

Observation Time: 800

Latitude 34-11-38

Longitude: 118-05-17

Elevation: 2550 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.01		1.32					0.02
2					0.08		0.21					
3			0.03	0.21	2.66		0.10	0.02				
4				0.10	0.07		0.25	0.41				0.12
5				0.24		0.85	0.06	1.94				
6			2.47		2.27	0.16	0.02	0.96				
7			0.48		0.90							
8					2.77			0.01				
9				0.87	0.61			0.23	0.14			0.01
10		1.48		1.02				0.01				
11		0.33		0.07			0.87		0.41			
12					0.01		0.11	1.47	0.01			
13		0.92		0.12			0.13	1.66				
14					1.89	0.89		0.10				
15		0.04		0.10	0.03	0.05		0.01				
16				0.04		0.28				0.23		
17					0.88	0.05				0.29		
18			0.90									
19				0.29	0.02							
20					0.65							
21			0.23									0.05
22					1.12							
23					5.50							
24					2.27							
25						2.78		0.20				
26		1.22				0.07		0.19				
27		0.10				0.40						
28						0.73						
29				0.42								
30		0.57										
31				0.04		0.44						
Totals	0.00	4.66	4.11	3.52	21.74	6.70	3.07	7.21	1.08	0.00	0.00	0.20
Water Year Total:												52.29

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

237C Stone Canyon Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-06-21

Longitude: 118-27-13

Elevation: 865 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.03		1.02					
2					1.15							
3				0.21	2.14							
4				0.02	0.93		0.08	0.25				
5							0.27	1.11				
6			3.60			0.38		0.64				
7			0.12		2.50							
8			0.13		2.42							
9				0.34	0.38							
10				2.03								
11							0.15					
12							0.69	0.58				
13				0.15				1.94				
14						0.62		0.11				
15					2.15							
16				0.13								
17					0.97							
18			0.04									
19			0.91									
20					1.07							
21												
22					2.17							
23					1.37							
24												
25						3.95						
26		0.84				0.41						
27												
28				1.58		0.44						
29												
30		0.11										
31												
Totals	0.00	0.95	4.80	4.46	17.28	5.80	2.21	4.63	0.00	0.00	0.00	0.00
Water Year Total:												40.13

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

238 Hollywood Dam

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-07-04

Longitude: 118-19-55

Elevation: 750 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.69		0.03		1.04					
2					0.37		0.01	0.05				
3				0.26	0.45			0.02				
4					2.54		0.09	0.02				
5				0.37			0.28	1.17				
6			2.82			0.34		0.95				
7			0.20		2.54							
8			0.15		2.49							
9			0.03	0.02	0.63							
10				1.82								
11		0.61										
12		0.06					0.79					
13				0.22	0.01			1.72				
14		0.44				0.45		0.13				
15					1.84				0.02			
16				0.05								
17					0.45				0.03			
18												
19			0.90	0.22								
20					0.78							
21												
22					1.81							
23					1.01							
24					2.69							
25						1.30						
26						2.18						
27		0.70				0.08						
28						0.30						
29				1.42								
30		0.03										
31							T					
Totals	0.00	1.84	4.79	4.38	17.64	4.65	2.21	4.06	0.05	0.00	0.00	0.00
Water Year Total:												39.62

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

251C La Crescenta

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-13-20

Longitude: 118-14-40

Elevation: 1440 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.15		1.83					
2					0.05		0.13					T
3				A	2.77		T	0.40				
4				0.86A	0.06			0.12				
5			0.17				0.33	1.84				
6	0.05		A		1.67	0.74		0.24				
7			2.70A		1.18E			T				
8					2.49E							
9				1.06					0.02			
10		1.22		0.98				0.11				
11		0.22							0.14			
12							0.70	1.05	0.16			
13		0.32		0.15	T		0.04	1.33				
14		T	T		A	A		0.09				
15				0.06	A	0.79A		T				
16				0.02	1.96A	0.03			0.13			
17				A					0.10			
18			0.74	0.35A								
19			0.01		0.01							
20		0.02	A		0.73							
21			0.01A									
22					4.23E							
23					3.29							
24					1.20							
25						1.94		0.12				
26		0.87				0.07						
27		0.59				0.07						0.30
28						A						
29				1.19		0.60A						
30												
31						0.32					0.01	
Totals	0.05	3.24	3.63	4.67	19.79	4.56	3.03	5.30	0.55	0.00	0.01	0.30
												Water Year Total: 45.13

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

PRECIPITATION

DAILY RAINFALL SUMMARY

252C Castaic Lake

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-29-53

Longitude: 118-36-53

Elevation: 1150 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.56E		0.21		0.85					
2					0.98		0.05	0.15				
3				T	1.77		T	0.02				0.80
4					0.51		0.51	0.24				0.11
5			0.43E	0.63	T		T	0.89				0.16
6			4.63E		1.73	0.55	0.04	1.43				T
7			0.17E		0.34		0.04					
8			0.12E		2.03							
9			0.03E	0.61	0.38							
10		0.09		0.59								
11		0.62		0.04								
12		0.02					0.39	T				
13		0.16		0.06			0.02	1.13	T			
14		0.18			0.69	0.29	0.02	0.30				
15					0.70	0.05	0.08	0.02				
16		0.13		0.17								
17					0.71				0.02			
18			0.39E									
19			0.11E	0.18								
20				0.02	0.93							
21												
22					1.77							
23					1.21							
24					1.60							
25						1.04						
26		0.02				0.63						
27		0.50				0.03						
28						0.25						
29				0.56		0.05						
30		0.12		0.01								
31												
Totals	0.00	1.84	6.44	2.87	15.56	2.89	2.00	4.18	0.02	0.00	0.00	1.07
												Water Year Total: 36.87

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: August 2012

PRECIPITATION

DAILY RAINFALL SUMMARY

255F Mount San Antonio College-Spadra

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-02-41

Longitude: 117-50-19

Elevation: 720 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.84					
2					0.01		0.04					
3					1.91							1.68
4					0.53			0.24				0.02
5			1.30	1.97				0.25				
6	0.01		0.51		1.41	0.65	0.22	0.52				
7					0.70							
8			0.41		2.25							
9				0.19	0.38							
10				2.00								
11		0.44										
12				0.11				0.49	0.08			
13		0.03		0.03			0.18	1.05				
14		0.47			2.37	0.76	0.05	0.07				
15												
16						0.01						
17					0.83				0.05			
18												
19			0.76	0.38								
20		0.02		0.04	0.85							
21												
22					1.87							
23					1.83							
24					2.00							
25						1.82						
26		0.79				0.34						
27												
28						0.58						
29				0.95								
30		0.44		0.08		0.06						
31												
Totals	0.01	2.19	2.98	5.75	16.94	4.22	1.33	2.62	0.13	0.00	0.00	1.70
												Water Year Total: 37.87

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

261F Acton-Escondido Canyon

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-29-42

Longitude: 118-16-22

Elevation: 2960 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.75					
2					0.12			0.04				
3					1.81		0.12					
4				0.08			0.08	0.35				0.24
5			1.42	0.20		0.16	0.23	0.67				0.04
6			1.30		1.02	0.08						
7					0.98							
8					0.67							
9				0.63								
10		0.79	0.36	0.27								
11							0.04					
12				0.04				0.67	0.04			
13		0.15				0.74		0.51				
14					0.56	0.52						
15												0.16
16												
17		0.04			0.11							
18			0.19									
19		0.04			0.52							
20		0.04			0.07							
21			0.12									
22			0.04		1.30							
23					2.48							
24					0.08							
25						1.41						
26		0.95										
27		0.04				0.04						0.04
28						0.32						
29						0.31						
30												
31				0.79		0.16						
Totals	0.00	2.05	3.43	2.01	9.72	3.74	1.22	2.24	0.04	0.00	0.00	0.48
											Water Year Total:	24.93

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

269D Diamond Bar Fire Station

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 33-59-50

Longitude: 117-48-55

Elevation: 870 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.04				0.86					0.09
2					0.01		0.04					0.79
3				0.36	1.77			0.01				
4				0.60	0.22		0.13	0.27				
5				0.01			0.04	0.45				
6			2.26		1.32	0.54		0.51				
7			0.42		0.22							
8			0.15		3.60							
9				1.10	0.31							
10		0.54		1.98							0.01	
11	0.05	0.04					0.27					
12							0.01	0.82	0.01			
13		0.59		0.05			0.04	1.09				
14		0.02			1.93	0.51		0.01				
15				0.01	0.03							
16				0.02								
17					0.61							
18			0.74									
19				0.23								
20		0.01			0.70							
21			0.09									
22					2.28							
23					1.46							
24					2.18							
25						1.83						
26		0.72				0.06						
27		0.24				0.03						
28						0.50						
29				0.67								
30		0.43				0.01						
31				0.01		0.03						
Totals	0.05	2.59	3.70	5.04	16.64	3.51	1.39	3.16	0.01	0.00	0.01	0.88
Water Year Total:												36.98

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

277 Sawmill Mountain

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-43-15

Longitude: 118-35-00

Elevation: 3700 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.24				0.90					
2					1.82		0.08	0.35				
3				0.01	2.32			0.70	T			0.04
4				0.57	0.05		0.34	0.21				
5			1.13	0.02			0.01	2.25				0.93
6			3.92		2.12	0.65		0.24				
7	0.02		0.05		1.28		0.01	0.02				
8			0.05	0.88	1.96							
9			0.10	0.37	0.24							
10		0.70		0.03								
11		0.02					0.85		0.02			
12	0.04						0.23	1.52	0.17			
13		0.38		0.06	0.03		0.19	1.35				
14					0.91	0.36	0.28	0.06				
15			0.06	0.13	0.03		0.05					
16		0.15		0.16								
17					1.23							
18			0.30									
19												
20		0.03			0.46							
21												
22					1.19							
23					5.46							
24					0.35							
25						2.03		0.04				
26		0.84						0.19				
27						0.41						
28						1.11						
29				1.28		0.02						
30		1.10										
31				0.16		0.48						
Totals	0.06	3.22	5.85	3.67	19.45	5.06	2.94	6.93	0.19	0.00	0.00	0.97
											Water Year Total:	48.34

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

280C Flintridge-Sacred Heart

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-10-54

Longitude: 118-11-08

Elevation: 1600 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.08					
2				0.04	0.12			0.11				
3				0.16	2.36		0.08	0.12				0.12
4				0.24	0.04		0.24	1.14				0.04
5			0.91			0.40		1.11				
6	0.08		1.10		2.01	0.23		0.35				
7			0.32		2.72							
8					0.55							
9				1.49				0.08				
10		1.77		0.24								
11							0.63		0.12			
12								1.73	0.12			
13		0.40		0.12		0.52		1.06				
14					1.61	0.07	0.04					
15				0.08								
16					0.16	0.04			0.16			
17					0.28				0.04			
18			0.82									
19				0.35	0.63							
20												
21					0.11							
22					1.66							
23					4.68							
24					0.59	0.08						
25						2.29		0.08				
26		0.86										
27						0.11						0.11
28						0.63						
29				1.02								
30		0.43										
31				0.04		1.26					0.04	
Totals	0.08	3.46	3.15	3.78	17.52	5.63	1.07	5.78	0.44	0.00	0.04	0.27
												Water Year Total: 41.22

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

283C Crystal Lake-East Pine Flat

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-19-02

Longitude: 117-50-28

Elevation: 5370 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.04		0.16		0.37					
2				0.04	0.52		0.03	0.16				
3				0.16	1.62		0.27	0.57				
4				0.08	0.04		0.13	1.05				
5			1.00	0.01		0.81	0.09	3.52				
6	0.03		2.45		1.93	0.41	0.32	0.93				
7	0.10		0.29		0.15			0.36				
8			0.01		0.37			0.03				
9				2.04	0.04			0.02				
10	0.03	1.26		0.09								
11	0.02		0.02				0.84		0.23			
12					0.03		0.01		0.04			
13		0.50		0.03	0.02	0.64	0.34					
14					1.68	0.70	0.13					
15					0.03							
16				0.01	0.19							
17					0.68							
18			0.12		0.03	0.02		0.02				
19			0.01	0.24	0.55							
20					0.08			0.03				
21			0.13		0.05							
22			0.01		1.94							
23					9.19							
24					0.64							
25						2.71		0.09				
26		1.55				0.02		0.06				
27		0.04				1.19						
28						0.77						
29				0.62		0.02						
30		0.44		0.04								
31				0.04		1.36						
Totals	0.18	3.79	4.08	3.40	19.94	8.65	2.53	6.84	0.27	0.00	0.00	0.00
										Water Year Total:		49.68

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

287B **Glendora-City Hall**

Gage Type: 8.81 inch diameter (DPW)

Observation Time: 800

Latitude 34-08-09

Longitude: 117-51-52

Elevation: 785 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.88				0.90					0.48
2					T		0.05					
3				0.22	0.22			T				T
4				0.05	1.62	T	0.09	0.11	0.04			T
5				0.59		T	0.13	0.47				
6	T		1.80		T	1.07	T	3.11				
7	0.08		0.60		1.75		0.08					
8	0.05		0.45		0.95			T				
9			T	0.02	2.33			0.02	0.02			
10		T		2.75								
11		0.96		T						T		
12							0.45	0.08	0.18			
13		0.09		0.11	T			1.90	T			
14		0.63			T	0.75	0.05	0.34				
15		T			1.83	T		T				
16				T	T	T				0.01		
17					0.74	0.05				0.22		
18						T						
19			0.29	0.22								
20			T		0.66							
21			0.24									
22					1.77							
23					1.29							
24					4.34							
25						0.32						
26		T				1.50		0.09				
27		0.91				0.04						
28		T				0.71						
29				0.22		0.04						
30				0.60		T						
31						T						
Totals	0.13	2.59	4.26	4.78	17.50	4.48	1.75	6.12	0.47	0.00	0.00	0.48
										Water Year Total:		42.56

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

291 Los Angeles-96th and Central

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 33-56-56

Longitude: 118-15-17

Elevation: 121 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.04		0.04					
2					0.31		0.04	0.04				
3				0.12	1.58		0.04	0.04				
4				0.39			0.20	0.15				
5			0.43			0.08		0.20				
6			1.26		1.57	0.20		0.16				
7			0.20		1.07							
8					0.55							
9				2.32								
10		0.48		0.16								
11							0.67		0.04			
12								0.75				
13		0.27		0.12		0.39		0.47				
14					2.28	0.36						
15		0.04		0.08								
16					0.20							
17					0.59							
18			0.94									
19		0.04		0.08	0.71							
20												
21					0.15							
22					1.07							
23					1.49							
24					0.51							
25						1.89						
26		0.71										
27		0.04				0.04						
28						0.31						
29				0.75								
30		0.28										
31				0.43		0.63						
Totals	0.00	1.86	2.83	4.45	12.12	3.90	0.99	1.81	0.04	0.00	0.00	0.00
											Water Year Total:	28.00

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

PRECIPITATION

DAILY RAINFALL SUMMARY

292D Encino Reservoir

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-08-56

Longitude: 118-30-57

Elevation: 1075 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			1.05		0.09		1.09E					
2					1.15		0.03E	0.19				
3				0.06	2.56			T				
4				0.02	1.71		0.08E	0.12				
5				0.33			0.14E	1.55				
6			4.51			0.96		0.98				
7					3.05							
8			0.09	0.03	2.75							
9		0.11		1.61	0.52			0.07				
10		0.50										
11									0.05			
12		0.04					1.29E		0.03			
13		0.34		0.09				1.83				
14					0.42	0.59		0.09				
15		0.02	T		1.14							
16				0.14								
17					0.94				0.02			
18			0.02	0.12								
19			1.01									
20					0.78							
21												
22					1.04							
23					1.56							
24					3.80							
25						2.25						
26		0.80				1.60						
27												
28						0.20						
29												
30		0.13				T						
31												
Totals	0.00	1.94	6.68	2.40	21.51	5.60	2.63	4.83	0.10	0.00	0.00	0.00
												Water Year Total: 45.69

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: August 2012

PRECIPITATION

DAILY RAINFALL SUMMARY

293B Los Angeles Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-17-18

Longitude: 118-28-54

Elevation: 1150 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.05		0.06		0.99					
2					0.51		0.15	0.27				
3				0.05	1.75			0.06				
4				0.01			0.09	0.15				0.10
5				0.58			0.19	2.26				T
6			3.92		0.55			0.23				
7			0.06		1.22							
8			0.11	0.09	3.11							
9				1.27	0.83			0.10				
10		0.07										
11		1.50			T				0.06			
12		T							0.17			
13		0.20		0.24			0.58	2.15				
14		0.14			0.07	0.80	0.03	0.07				
15		0.04		0.08	1.86							
16										T		
17					0.79					T		
18			T									
19			0.74	0.30								
20		0.03			1.05							
21												
22					1.87							
23					1.24							
24					2.41							
25					0.02							
26		0.79										
27		0.13										0.01
28						0.36						
29				0.61								
30		0.80		0.03								
31				0.05								
Totals	0.00	3.70	4.88	3.31	17.34	1.16	2.03	5.29	0.23	0.00	0.00	0.11
												Water Year Total: 38.05

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

294B Sierra Madre-Mira Monte Pumping Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-10-11

Longitude: 118-02-51

Elevation: 985 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.32				1.62					
2							0.07	0.03E				
3					0.43			0.24E				
4				0.19	1.77		0.08	0.15E				
5				0.07		0.03	0.24	0.89E				
6			2.91	0.43	0.02	0.62		2.14E				
7			0.17		2.39							
8			0.20		2.85				0.04			
9				0.04	0.81			0.05E				
10				1.83				0.01E				
11		1.35		0.05				T	0.10			
12				0.04			0.56	0.28E	0.31			
13		0.09		0.10				2.11E	0.43			
14		0.48			0.15	0.55	0.09	0.19E				
15					1.59							
16				0.10		0.11			0.03			
17					0.88	0.11			0.34			
18												
19			0.66	0.25								
20					0.61							
21			0.10									0.08
22			0.07		1.34							
23					1.61							
24					5.02							
25						1.40						
26						1.73		0.06E				
27		1.10				0.05						
28						0.63						
29				0.29		0.03						
30		0.21		0.53								
31												
Totals	0.00	3.23	4.43	3.92	19.47	5.26	2.66	6.15	1.25	0.00	0.00	0.08
										Water Year Total:		46.45

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

298C Gorman - Sheriff

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-47-47

Longitude: 118-51-27

Elevation: 3835 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.53E					
2					1.37E		0.04E	0.02E				0.08
3					2.65E		0.01E	0.50E				
4				0.16	1.12E		0.18E	0.15E				1.00
5			3.04	0.04	0.03E			0.48E				
6			1.24		1.52E	0.12E		0.09E				
7	0.04		0.04		0.41E		0.03E	T				
8			0.12		2.15E		0.01E					
9			0.12	0.48	0.12E							
10		0.12		0.12								
11							0.27E		0.07E			
12				0.08			0.29E	0.21E				
13							0.01E	0.76E	0.17E			
14					0.33E	0.35E	0.28E	0.14E				
15			0.08	0.32	0.37E	0.02E	0.08E					
16				0.20			0.01E					
17					0.94E							
18			0.60									
19		0.04		0.08								
20					0.34E							
21			0.04									
22					0.42E							
23					1.95E							
24					2.25E							
25						2.00E						
26		0.36				0.27E		T				
27						T						
28						0.30E						
29				0.40		0.02E						
30		0.64										
31				0.04		0.02E						
Totals	0.04	1.16	5.28	1.92	15.97	3.10	1.74	2.35	0.24	0.00	0.00	1.08
												Water Year Total: 32.88

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

299F Little Rock - Schwab

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-32-12

Longitude: 117-58-43

Elevation: 2800 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.04				0.48					
2					0.03							0.01
3					0.95							
4				0.16	0.05	0.03	0.05					0.04
5			0.04					0.48				0.03
6			1.97		0.54							0.02
7			0.04				0.11					
8					0.82							0.51
9				0.18								
10		0.01										
11												
12		0.07		0.35	T			0.30				
13						0.85		0.38				
14					0.29		T					
15												
16				T								
17					0.18							
18												
19					0.07							
20					0.18							
21			0.19									
22					0.55							
23					1.47							
24					0.74							
25						0.81						
26		0.41										
27		0.06										
28						0.22						
29				0.27		0.07						
30		0.09										
31											1.08	
Totals	0.00	0.64	2.28	0.96	5.87	1.98	0.64	1.16	0.00	0.00	1.08	0.61
											Water Year Total:	15.22

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

306H Zuma Beach

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-01-15

Longitude: 118-49-42

Elevation: 15 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							1.10					
2					2.20			0.15				
3				0.05	2.02		0.10					
4				0.38	0.03		0.10	0.65				
5			1.50				0.03	0.45				0.05
6			3.10		0.93	0.38		0.12				
7					0.25							
8			2.00		1.25							
9				0.50	0.36							
10		0.58		0.50								
11		0.01			0.30		1.01	0.05	T			
12					0.02			0.61	0.03			
13		0.42		0.28		0.14		0.79				
14					2.10	0.15						
15		0.24		0.13								
16				0.25	1.54				0.01			
17												
18			1.65									
19				0.25								
20					0.62							
21												
22												
23					1.84							
24					0.55							
25						2.21						
26		0.38				0.10						
27		0.15										
28						0.24						
29				0.77								
30		0.40										
31				0.35		0.05						
Totals	0.00	2.18	8.25	3.46	14.01	3.27	2.34	2.82	0.04	0.00	0.00	0.05
Water Year Total:												36.42

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

321 Pine Canyon Patrol Station

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-40-24

Longitude: 118-25-45

Elevation: 3286 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.43E		0.12		0.89E	0.15E				
2					1.64		0.15E	0.33E				0.05E
3				0.04	2.80			0.10E				0.24E
4				0.24			0.21E	0.81E				0.28E
5			2.28				0.01E	1.72E				0.11E
6			2.08		2.92	0.52E	0.03E	T				T
7			0.16		2.20		T	T				0.05E
8					0.12							
9			0.04	1.12	0.04							
10		0.02E		0.40								
11	0.01E	0.45E							0.04		0.04	
12				0.04			0.10E					
13							T	0.05E				
14			0.08		0.44		0.13E	1.71E				
15				0.28			0.09E	0.22E				
16		0.10E			0.24		0.01E					
17					0.44							
18			0.16	0.16								
19				0.16								
20					0.46E							
21												
22					0.68E							
23					1.55E							
24					3.75E							
25					T	0.01E						
26		T				0.68E						
27		0.76E				T						0.05E
28						0.15E						
29				1.08		0.17E						
30		0.08E										
31				0.08								
Totals	0.01	1.41	5.23	3.60	17.40	1.53	1.62	5.09	0.04	0.00	0.04	0.78
												Water Year Total: 36.75

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

322 Munz Valley Ranch

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-42-50

Longitude: 118-21-15

Elevation: 2600 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.46					
2					0.81			0.04				
3					1.74			0.13				
4				0.18			0.09	0.04				1.02
5			0.42					0.89				
6			2.84		1.39	0.22		0.10				0.14
7			0.04		0.35							
8					1.63							
9				0.44	0.08							
10		0.26		0.39								
11	0.29								0.01E		0.03	
12								0.62				
13		0.12				0.10		0.46	0.11E			
14			0.08		0.18	0.42	0.40					
15		0.06		0.03	0.08							
16												
17					0.28							
18			0.14									
19												
20					0.67							
21												
22					0.47							
23					2.92							
24					0.14							
25						0.81						
26		0.37										
27						0.44						
28						0.49						
29				0.61								
30		0.30										
31				0.03		0.04				E	0.52	
Totals	0.29	1.11	3.52	1.68	10.74	2.52	0.95	2.28	0.12	0.00	0.55	1.16
												Water Year Total: 24.92

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

334B Cogswell Dam

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-14-37

Longitude: 117-57-35

Elevation: 2300 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.51		0.02		2.13					2.23
2				T	0.19		0.22	0.03				
3				0.16	0.76		0.03	0.40				0.11
4				0.04	2.45		0.13	0.22	0.04			0.02
5				0.42	T		0.18	1.93				0.01
6			3.70		T	1.05	0.02	3.59				
7	0.03		0.37		2.98		0.21	0.01				
8			0.31		3.61			0.18				
9				0.02	0.62			0.05	0.02			
10				2.46	T			0.01				
11		1.47		0.02					0.01		0.03	
12							1.23	0.04	0.10			
13		0.07		0.04			0.02	3.83	0.05			
14		0.51			0.03	0.98	0.10	0.60				
15					2.08	0.04	0.01					
16				0.02								
17				T	1.06	0.02			0.03			
18												
19			0.42	0.25								
20		T			0.76							
21			0.11									
22					1.79							
23					3.69							
24					9.22							
25						1.02						
26		0.07				2.44		0.10				
27		1.51				0.06						
28		T				0.93						
29				0.32		0.18						
30		0.05		0.61		T						
31				0.02								
Totals	0.03	3.68	5.42	4.38	29.26	6.72	4.28	10.99	0.25	0.00	0.03	2.37
												Water Year Total: 67.41

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

336 Silver Lake Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-06-08

Longitude: 118-15-54

Elevation: 445 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					0.20		0.01					T
3				0.28	2.15		T					
4				0.27	0.09		0.05					0.01
5			0.10	A			0.15					
6	T		1.84	1.94A	1.55	0.34	0.16	2.08				
7			0.11		0.27							
8			0.13		2.38					T		
9					0.47			T				
10		0.77										T
11									0.02			
12					T		0.52	0.80	0.04			
13		0.42		0.13	T		0.02	1.15				
14					1.58	0.49						
15		T		0.06								
16										T		
17					0.47							
18			0.89									
19				0.28	0.02							
20		0.02			0.73							
21												
22					1.52							
23					2.60							
24					1.52							
25						2.04		T				
26		0.90				0.01						
27						T						0.10
28						0.45						
29				1.10								
30		0.58										
31				0.05		1.70						
Totals	0.00	2.69	3.07	4.11	15.55	5.03	0.91	4.03	0.06	0.00	0.00	0.11
												Water Year Total: 35.56

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

338C Mt. Wilson-Observatory

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-14-07

Longitude: 118-04-28

Elevation: 5709 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.15				2.31					0.02
2					0.67		0.18	0.12				0.02
3				0.29	2.75			0.61				
4				0.48	0.08		0.40	1.15	0.04			0.13
5			0.28				0.20	3.52				T
6			3.02		2.26	1.45	0.02	1.06				
7	0.02		0.36		0.67		0.12		0.01			
8					2.85				0.02			
9				1.06	0.73			0.05	0.05			
10		1.58		1.16				T				
11		0.41		0.02			1.05	0.02T	0.10			
12							0.26	1.83	0.38			
13		0.58		0.08	0.01	0.03	0.17	1.98				
14					1.79	0.62		0.24				
15		0.03			0.12	0.01						
16		0.03		0.08		0.01						
17					1.23	0.01						
18												
19				0.45	0.05							
20					0.75							
21												0.01
22					2.42							
23					8.35							
24	0.03				2.76		T					
25						2.82						
26		1.46				0.04		0.26				
27		0.12				0.39						0.07
28						1.23						
29				0.72		0.03						T
30		0.80										
31				0.01		0.63						
Totals	0.05	5.01	3.81	4.35	27.49	7.27	4.71	10.84	0.60	0.00	0.00	0.25
												Water Year Total: 64.38

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

342C Upland-Water Facilities Authority

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-07-33

Longitude: 117-40-52

Elevation: 1610 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.23					
2												0.03
3				0.11	1.86		0.19		0.02			
4				0.46	0.01		0.04	0.18	0.03			
5			0.09			0.32		0.96				
6	0.01		2.16		1.60	0.30	0.10	0.30				
7	0.07		0.34			2.00						
8					0.36			0.01				
9				2.84	0.01			0.01				
10		0.92		0.26							0.01	
11							0.43		0.05			
12							0.01	1.13	0.02			
13		0.62		0.01		0.03	0.13	1.24				
14					1.55	0.22						
15												
16					0.22	0.05			0.10			
17					0.47							
18			0.02									
19				0.27	0.56							
20												
21			0.11									
22					1.96							
23	0.01				3.10							
24					0.38							
25						1.35		0.03				
26		0.95										
27						0.36						
28						0.49						
29				0.49								
30		0.39										
31						0.58						
Totals	0.09	2.88	2.72	4.44	14.08	3.70	1.13	3.86	0.22	0.00	0.01	0.03
												Water Year Total: 33.16

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

352B Lechuza Patrol Station

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-04-38

Longitude: 118-52-47

Elevation: 1620 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.48E					
2								0.09E				0.06E
3				0.02E	2.09E		0.08E	0.25E				
4					0.01E		0.11E	0.20E				0.10E
5			1.91E	0.70E			0.05E	0.60E				0.02E
6			3.11E		1.18E	0.45E		0.45E				0.01E
7			0.22E		0.17E							
8					1.21E							
9				0.15E	0.53E							
10				2.43E								
11		0.46E		0.03E	0.02E		0.70E		T			
12							0.18E		0.07E			
13		0.37E		0.21E				1.35E				
14					2.10E	0.17E		0.03E				
15		0.31E	0.02E	0.05E	0.01E							
16		0.01E		0.18E		0.02E						
17					1.20E							
18			1.18E									
19				0.35E	0.12E							
20					0.51E							
21												
22					1.20E							
23					2.16E							
24					0.21E							
25						2.06E						
26		0.40E				0.36E						
27												
28						0.12E						
29				1.11E								
30	E	0.37E		0.03E								
31				0.02E		0.45E				E	E	
Totals	0.00	1.92	6.44	5.28	12.72	3.63	1.60	2.97	0.07	0.00	0.00	0.19
										Water Year Total:		34.82

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

356C Spadra-Lanterman Hospital

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-02-31

Longitude: 117-48-35

Elevation: 690 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.75					0.02
2					0.02		0.03					1.30
3					1.57							
4					0.22			0.27E				T
5				1.19				0.22E				
6					1.29	0.48	0.18	0.84E				
7												
8			2.37									
9				0.61	3.45							
10		0.48										
11		0.08					0.41		0.02			
12				2.95				0.15E	0.03			
13		0.38		0.04	0.01		0.04	1.29E				
14		0.14					T	0.24E				
15				T								
16				0.03		0.84			0.01			
17					2.22	0.02						
18			0.38									
19			0.11									
20		0.01		0.29	0.55							
21												
22			0.23									
23					2.65							
24					2.64							
25						1.40						
26		0.66				0.09						
27						0.04						
28												
29				0.48								
30		0.77				0.49						
31						0.03						
Totals	0.00	2.52	3.09	5.59	14.62	3.39	1.41	3.01	0.06	0.00	0.00	1.32
Water Year Total:												35.01

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

372 San Francisquito Power House No.2

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-32-02

Longitude: 118-31-27

Elevation: 1580 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.56					
2					1.10		0.01	0.15				1.60
3				T	2.20		0.12	0.17				0.03
4				0.70	0.04		0.32	0.39				0.22
5			0.85			T	0.11	2.20				
6			3.80		1.60	0.51	0.02	0.12				
7			0.10		0.20							
8			0.10		2.00	0.03						
9				0.55	0.32			T				
10		0.40		0.71								
11		0.10		0.02			0.20		0.01			
12							0.01	0.80				
13		0.28				0.08		0.70				
14					1.20	0.51	0.05	0.24				
15		0.20			0.05		0.01					
16				0.30								
17					0.70							
18			0.33									
19			0.01		T							
20		T		0.30	0.58E							
21												
22					1.69E							
23					2.02E		T					
24					1.61E							
25						1.75						
26		0.73				0.01						
27		T				0.02						
28						0.44						
29				0.45				T				
30		0.60		0.10								
31				0.01		0.30						
Totals	0.00	2.31	5.19	3.14	15.31	3.65	1.41	4.77	0.01	0.00	0.00	1.85
Water Year Total:												37.64

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

373C Briggs Terrace

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-14-17

Longitude: 118-13-27

Elevation: 2200 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.41					
2	0.04				0.27		0.20					
3				0.56	2.94			0.45				0.06
4						0.03						0.06
5						0.73		2.64				
6			3.04		2.05			0.30				
7			0.34		0.96							
8					2.60							
9				1.43	0.40				0.05			
10		2.00		0.58								
11		0.40		0.03			0.90		0.27			
12						T		1.38	0.47			
13		0.39				0.74	0.05	1.45				
14					1.68	T						
15												
16						0.08						
17					0.56							
18			1.30	0.49								
19			0.60									
20		0.09										
21												
22					2.00							0.02
23					6.40							
24					1.10							
25						2.64		0.24				
26		1.02										
27												0.26
28						0.96						
29				1.14								
30		0.65										
31				0.11		1.89					0.08	
Totals	0.04	4.55	5.28	4.34	20.96	7.07	1.56	6.46	0.79	0.00	0.08	0.40
											Water Year Total:	51.53

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

377F Lake Sherwood Estates

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-08-26

Longitude: 118-52-31

Elevation: 960 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.44		0.36		0.92					0.45
2					1.24			0.09				
3				0.02	3.50			0.25				T
4					0.95		0.16	0.20				T
5				0.70			0.34	0.60				0.06
6			5.71		0.64	0.35		0.45				
7			0.61		2.59							
8			0.05		3.43							
9		T		0.15	0.56							
10		0.07		2.43	0.09							
11		0.28		0.03						T		
12							0.90		0.07			
13		0.23		0.21				1.35				
14		0.19			0.35	0.23		0.03				
15				0.05	1.69							
16		0.28		0.18								
17		0.05			1.03							
18			0.05									
19			1.50	0.35								
20					0.75							
21												
22					1.87							
23					1.66							
24					3.85							
25						1.27						
26		1.20				0.71						
27		0.40										
28						0.63						
29				1.11								
30		0.20		0.03								
31				0.02								
Totals	0.00	2.90	8.36	5.28	24.56	3.19	2.32	2.97	0.07	0.00	0.00	0.51
												Water Year Total: 50.16

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

379B San Gabriel-East Fork

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-14-09

Longitude: 117-48-18

Elevation: 1600 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.04		0.49E					
2					0.08		0.08		0.08		0.08	0.08
3				0.16	2.04		0.01E					
4				0.16			0.22E					
5			0.20	0.04		0.68	0.14E	2.52				
6			1.00			0.44	0.05E	1.20				
7	0.09E		0.12				0.31E	0.04				
8					0.36			0.04				
9				0.96				0.04				
10				0.12								
11		1.27E					0.73E	0.04	0.08			
12								1.84	0.04			
13		0.04E				0.08		0.96				
14		0.61E			1.60	0.12	0.10E	0.04				
15					0.04							
16					0.16				0.04			
17					0.56							
18			0.04									
19				0.16	0.52							
20				0.04	0.04							
21			0.04		0.04							
22					1.56							
23					7.24							
24					0.60							
25						1.88		0.04				
26						0.08		0.04				
27		1.53E				0.64						
28						0.72						
29				0.44		0.04						
30		0.44E		0.04								
31						0.84						
Totals	0.09	3.89	1.40	2.12	14.88	5.52	2.13	6.80	0.24	0.00	0.08	0.08
											Water Year Total:	37.23

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

387B Covina City Yard

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-05-02

Longitude: 117-53-57

Elevation: 508 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.04				0.77					0.02
2												
3				0.20	1.67			0.19				0.16
4				0.14	0.12							0.01
5				0.49			0.28	0.54				0.02
6			1.78		1.30	0.37		0.85				
7			0.44		0.53							
8					2.50							
9				0.14	0.29							
10		0.60		0.91								
11							0.16					
12				1.91			0.13	0.60	0.10			
13		0.10		0.50	0.01			1.00				
14		0.35			1.83	0.89						
15						0.13						
16				0.03								
17					0.66							
18												
19				0.28								
20					0.61					0.08		
21			0.11									
22					1.67							
23					1.09							
24					2.38							
25						0.70						
26		0.69				0.92						
27		0.19				0.08						
28						0.53						
29				0.26								
30		0.45		0.45		0.04						
31												
Totals	0.00	2.38	2.37	5.31	14.66	3.66	1.34	3.18	0.10	0.08	0.00	0.21
												Water Year Total: 33.29

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

388D **Paramount-County Fire Department**

Gage Type: 8.81 inch diameter (DPW)

Observation Time: 800

Latitude 33-53-50

Longitude: 118-10-02

Elevation: 80 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.43		0.38							
2					0.04							
3					0.38							
4				0.45	2.57		0.04	0.23				
5							0.27	0.11				
6			1.94			0.73		0.37				
7					1.92							
8					3.13							
9			0.64	0.83	0.56							
10				2.55								
11	0.10	0.22		0.01								
12				0.12			2.04	0.09				
13		0.06										
14					3.25	1.08		1.17				
15				T								
16				0.12								
17					1.09							
18												
19			1.65	0.19								
20					0.99							
21		0.59	0.01									
22					2.01							
23												
24					4.36							
25						1.42						
26						1.87						
27		1.07										
28						0.56						
29				0.34								
30												
31				0.37		1.27						
Totals	0.10	1.94	4.67	4.98	20.68	6.93	2.35	1.97	0.00	0.00	0.00	0.00
												Water Year Total: 43.62

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

390B Morris Dam

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-10-53

Longitude: 117-52-43

Elevation: 1210 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.45				0.99					0.11
2					0.02		0.10					
3				0.36	0.30			0.46				T
4				0.11	1.57	0.01	0.15	0.22	0.10			T
5				0.40	0.01	0.03	0.12	0.51				0.02
6			1.65			1.00		4.44				
7	0.10		0.31		1.98		0.09					
8			0.30		2.88			0.03				
9				0.02	0.52			0.06	0.06			
10				2.41				0.06				
11		1.30						0.01	0.07			
12							0.54	0.11	0.12			
13		0.09		0.04	T			2.30	0.03			
14		0.59			0.03	0.51	0.08	0.60				
15					1.68	0.04						
16				T		0.02			0.01			
17					0.68	0.10			0.14			
18						0.02						
19			0.28	0.27								
20					0.52							
21			0.14									0.01
22					1.50							
23					2.26							
24	0.03				4.51							
25						0.60		0.02				
26						1.82		0.19				
27		1.08				0.11						
28						1.46						
29				0.18		0.01						
30				0.42								
31												
Totals	0.13	3.06	3.13	4.21	18.46	5.73	2.07	9.01	0.53	0.00	0.00	0.14
												Water Year Total: 46.47

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

391C Montebello-Fire Department

Gage Type: 8.81 inch diameter (DPW)

Observation Time: 800

Latitude 34-01-08

Longitude: 118-06-15

Elevation: 250 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					0.10		1.08					0.01
3					1.77			0.02				
4				0.53	0.10		1.00					0.01
5			0.25			0.37	0.22					
6			2.80		1.73	0.37						
7					0.42							
8					3.17							
9				0.73								
10		0.49		1.94								
11				0.16			2.50		0.01			
12							0.55					
13								1.30				
14					2.50	0.68						
15												
16												
17					1.40							
18												
19				0.45								
20					0.90							
21					0.86							
22					1.66							
23					1.74							
24					2.74							
25						3.10						
26		0.81										
27		0.33				0.05						
28						0.65						
29				1.15								
30		0.46										
31				0.35		0.05						
Totals	0.00	2.09	3.05	5.31	19.09	5.27	5.35	1.32	0.01	0.00	0.00	0.02
												Water Year Total: 41.51

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

394 Highland Park

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-07-06

Longitude: 118-10-39

Elevation: 620 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.32				1.16					
2					0.13							
3					2.15							
4				0.29			0.24					
5			A	T								
6	T		1.69A		A	0.34	0.14					
7					A							
8			0.29		A				0.04			
9				0.81	4.93A							
10				0.85								
11		1.00					0.57		0.02			
12									0.06			
13		0.32		0.11								
14					1.76	0.61						
15				0.07								
16									0.02			
17					0.68							
18			1.13									
19				0.28								
20												
21												
22					2.34							
23					A							
24					3.87A							
25												
26						2.42						
27						A						0.07
28						0.52A						
29				0.93								
30		0.40										
31				0.10								
Totals	0.00	1.72	3.43	3.44	15.86	3.89	2.11	0.00	0.14	0.00	0.00	0.07
												Water Year Total: 30.66

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

402F Cedar Springs

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-21-21

Longitude: 117-52-34

Elevation: 6780 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.44		0.06		0.28E					
2					0.39		0.52E	0.13E				
3				0.12E	1.39		0.10E	0.28E				
4				0.06E			0.19E	0.98E	0.04			
5			1.08				0.06E	1.81E				
6			1.72		1.92	0.65E	0.17E	0.76E				
7			0.40		1.47			0.25E				
8					0.78							
9				1.49E	0.17							
10		1.28		0.10E								
11		0.04					0.81E		0.04			
12							0.04E		0.32			
13		0.56				0.66E	0.14E	0.88E	0.04		0.04	
14					1.09	0.69E	0.07E					
15												
16												
17					0.52							
18												
19				0.15E								
20					0.53							
21												
22					0.74							
23					3.84							
24					4.33							
25					0.15	2.67E		0.04E				
26		0.72						0.03E				
27		0.36				0.53E						
28						0.38E						
29				0.53E								
30						0.81E						
31												
Totals	0.00	2.96	3.64	2.45	17.38	6.39	2.38	5.16	0.44	0.00	0.04	0.00
										Water Year Total:		40.84

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

405B Soledad Canyon

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-26-23

Longitude: 118-17-33

Elevation: 2150 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.03		0.17		0.05					
2					2.19							
3				0.01	0.03		0.18	0.08				
4				0.30				0.17				0.25
5			0.78				0.18	1.19				
6			2.81		1.73	0.26	0.09					
7			0.18		0.35							
8			0.07		2.00							
9				0.52	0.32							
10		0.46		0.41								
11		0.01					0.15					
12		0.04			0.03							
13				0.09			0.05	1.35				
14						0.73	0.01	0.02				
15		0.17		0.10	0.38							
16					0.01							
17												
18			0.32									
19				0.11	0.36							
20					0.44							
21			0.03									
22					0.86							
23					4.25							
24					0.52							
25						1.75						
26		1.13										
27		0.24				0.44						0.05
28						0.14						
29				0.31								
30		0.18										
31				0.29		1.14						
Totals	0.00	2.23	4.22	2.14	13.64	4.46	0.71	2.81	0.00	0.00	0.00	0.30
Water Year Total:												30.51

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

406C West Azusa

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-06-53

Longitude: 117-54-56

Elevation: 505 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.50				0.91					
2							0.03					
3				0.16	0.43			0.15				0.10
4				0.38	1.55		0.10	0.10				
5				0.38			0.15	0.13				0.06
6			1.72		0.01	0.38	0.01	2.30				
7			0.44		1.71	0.01	0.02					
8			0.23		2.75							
9					0.29							
10				2.40								
11		0.62		0.08								
12		0.08					0.35	0.02	0.03			
13				0.05			0.03	1.68	0.01			
14		0.43			0.02	0.72		0.40				
15					1.76	0.03						
16				0.02		0.01						
17					0.93	0.02			0.07			
18				0.23								
19			0.47									
20					0.64							
21			0.10									
22			0.05		1.55							
23					0.73							
24					2.85							
25						0.56						
26						1.57						
27		1.18				0.02						
28						0.55						
29				0.23		0.02						
30				0.42		0.02						
31												
Totals	0.00	2.31	3.51	4.35	15.22	3.91	1.60	4.78	0.11	0.00	0.00	0.16
												Water Year Total: 35.95

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

PRECIPITATION

DAILY RAINFALL SUMMARY

409B Pyramid Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-40-34

Longitude: 118-46-47

Elevation: 2505 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.15		A		0.88E					
2					1.37A		0.05E	0.02				
3					2.65			0.50				0.52
4				0.03	1.12		0.53E	0.15				0.12
5			0.43	0.06	0.03			0.48				0.36
6			5.15		1.52	0.12	0.04E	0.09				T
7	T		0.11		0.41		0.04E	T				
8			0.07		2.15							
9			0.08	0.41	0.12							
10		0.16		0.84								
11		0.26							0.07			
12		T					0.40E	0.21				
13		0.11		0.05			0.02E	0.76	0.17			
14		0.02			0.33	0.35	0.02E	0.14				
15			0.03	T	0.37	0.02	0.08E					
16		0.03		0.19								
17					0.94							
18			0.19									
19			0.33	0.05								
20				T	0.34							
21												
22					0.42							
23					1.95							
24					2.25							
25						2.00						
26		0.07				0.27		T				
27		0.10				T						
28						0.30						
29				0.52		0.02						
30		0.62		T								
31						0.02						
Totals	0.00	1.37	6.54	2.15	15.97	3.10	2.06	2.35	0.24	0.00	0.00	1.00
												Water Year Total: 34.78

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: August 2012

PRECIPITATION

DAILY RAINFALL SUMMARY

415 Signal Hill-City Hall

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 33-47-49

Longitude: 118-10-03

Elevation: 140 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.87					
2					0.41		0.05					
3					1.66							
4					0.26			0.05				
5			0.27E	0.28			0.12	0.32				
6			1.50E		0.60	0.30						
7			0.09E									
8												
9				0.90	1.72							
10												
11												
12		0.09		0.55				0.66E				
13		1.15		0.15		1.20	1.62	0.61E				
14							0.02	0.01E				
15				0.07								
16				0.02					0.05			
17					3.54							
18			1.50									
19			0.01									
20		0.08		0.08	0.69							
21												
22			0.05									
23					1.42							
24					1.73							
25						2.13						
26		0.68E										
27		0.02E										
28												
29				0.59								
30		0.62E				0.27						
31												
Totals	0.00	2.64	3.42	2.64	12.03	3.90	2.68	1.65	0.05	0.00	0.00	0.00
										Water Year Total:		29.01

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

423C Angeles Forest-Aliso

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-24-57

Longitude: 118-05-26

Elevation: 3920 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.04		0.80					
2					0.08		0.04					
3				0.12	2.64		0.12					
4				0.44			0.08	0.52				0.04
5			1.48			0.88	0.08	0.88				
6			1.92		2.24	0.32	0.12	0.16				
7			0.12		1.84			0.08				0.24
8					0.40							
9				1.16								
10		0.40		0.12								
11	0.10E						0.28					
12								1.68				
13		0.20		0.04	0.04	0.24	0.20	0.76	0.04		0.04	
14					1.08	1.00						
15				0.04								
16					0.16							
17					0.64							
18			0.20	0.08								
19				0.20	0.64							
20					0.04							
21			0.08		0.12							
22					1.24							
23					3.84							
24					0.56							
25						1.40						
26		1.16						0.04				
27						0.16						
28						0.48						
29				0.64		0.04						
30		0.24										
31						0.24						
Totals	0.10	2.00	3.80	2.84	15.60	4.76	1.72	4.12	0.04	0.00	0.04	0.28
										Water Year Total:		35.30

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

425B San Gabriel Dam

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-12-19

Longitude: 117-51-38

Elevation: 1481 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.43				1.29					0.38
2					0.10		0.21	T				
3				0.30	0.32			0.38				
4				0.12	1.93		0.17	0.30	0.08			
5				0.55			0.14	0.60				
6			2.17			1.36		4.15				
7	0.07		0.48		2.52	0.06	0.30	0.16				
8			0.19		3.58			0.04				
9				0.01	0.63			0.05	0.03			
10				2.67								
11		1.28							0.16			
12		0.02					0.62	0.08	0.10			
13		0.08		0.01	0.01			2.84	0.01			
14		0.72			0.01	0.63	0.07	0.45				
15					1.88	0.03						
16				T		0.02			0.06			
17					0.84	0.06			0.04			
18						0.01						
19			0.19	0.42								
20					0.62							
21			0.24									T
22					1.91							
23					3.33							
24					5.70							
25						0.59		T				
26		T				1.70		0.15				
27		1.50				0.25						
28						1.62						
29				0.15		0.03						
30				0.44								
31												
Totals	0.07	3.60	3.70	4.67	23.38	6.36	2.80	9.20	0.48	0.00	0.00	0.38
Water Year Total:												54.64

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

434 Agoura

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-08-08

Longitude: 118-45-08

Elevation: 800 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.20		0.08					
2					0.94			0.16				
3				0.08	3.11		0.08	0.11				
4				0.28			0.12	0.36				
5			3.39			0.19	0.03	0.82				
6			1.93		2.76	0.12	0.04	0.12				
7			0.07		2.40							
8				0.04	0.55							
9				0.82								0.19
10		0.47		0.12								
11					0.04		1.03					
12				0.12				0.95	0.04			
13		0.32		0.04		0.20		0.75				
14					1.57	0.16						
15		0.12	0.04	0.24								
16					0.20							
17		0.03		0.03	0.71							
18			1.30	0.04								
19				0.12	0.55							
20					0.04							
21					0.04							
22					0.71							
23					4.88							
24					0.24	0.07						
25						2.21						
26		0.79				0.04						
27												
28						0.27						
29		0.04		0.75		0.16						
30		0.67										
31				0.08		0.71						
Totals	0.00	2.44	6.73	2.76	18.94	4.13	1.38	3.27	0.04	0.00	0.00	0.19
Water Year Total:												39.88

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

435 Monte Nido

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-04-41

Longitude: 118-41-35

Elevation: 600 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.32		0.08					
2					0.94			0.24				
3				0.07	3.51		0.08	0.12				0.12
4				0.28			0.24	1.34				0.04
5			2.37			0.20		0.90				
6			1.93		2.12	0.24		0.04				
7			0.11		3.47							
8					0.55							
9				1.89								0.08
10		0.75		0.16								
11							0.86					
12				0.04	0.04		0.08	1.02	0.08			
13		0.43		0.04		0.19	0.04	0.87				
14					2.56	0.12				0.27		
15		0.12		0.11								
16					0.31					0.04		
17				0.04	0.91							
18			2.37	0.24								
19				0.12	0.71							
20												
21					0.31							
22					1.81							
23					3.51							
24					0.15							
25						3.82						
26		0.71				0.04						
27		0.04										
28						0.24						
29				1.42		0.08						
30		1.45										
31				0.07		0.66						
Totals	0.00	3.50	6.78	4.48	21.22	5.59	1.38	4.53	0.39	0.00	0.00	0.24
Water Year Total:												48.11

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

436C Hansen Dam

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-16-08

Longitude: 118-23-59

Elevation: 1110 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.02				0.80					
2					0.20			0.10				
3				0.05	1.76		0.01	0.01				0.34
4				0.44	0.03		0.09	0.19				
5			0.46				0.06	1.32				
6			2.13		1.00	0.59		0.58				
7			0.02		0.20							
8			0.05		1.71							
9				0.61	0.41			0.02				
10		0.94		0.59								
11		0.06					0.36		0.03			
12								0.48	0.11			
13		0.22		0.01			0.07	0.67				
14		0.01			1.29	0.52						
15				0.04								
16				0.03					0.04			
17					0.34				0.01			
18			0.78									
19			0.01	0.19	0.08							
20		0.04			0.66							
21												
22					1.30							
23					2.43							
24					0.66							
25						2.04						
26		0.50				0.04						
27		0.03										0.04
28						0.18						
29				0.52								
30		0.46										
31				0.05		0.33						
Totals	0.00	2.26	3.47	2.53	12.07	3.70	1.39	3.37	0.19	0.00	0.00	0.38
											Water Year Total:	29.36

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

442C Mescal Creek

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-29-05

Longitude: 117-44-10

Elevation: 3570 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					T							
3				T	0.96							
4				0.13								0.41
5			A					0.17				T
6			2.25A		A		T					T
7					1.35A			0.09				0.15
8												
9				T								
10		0.06		0.45								
11							T					
12					T			A	0.02			
13								0.78A			0.10	
14					0.21						0.15	
15				T		0.86						
16												
17					0.14							
18			0.10									
19					0.10							
20												
21			0.02									
22					0.46							
23					A							
24					2.50A							
25						1.16						
26		0.34										
27												
28						A						
29				0.17		0.35A						
30		0.13									T	
31				0.04		0.34					0.48	
Totals	0.00	0.53	2.37	0.79	5.72	2.71	0.00	1.04	0.02	0.00	0.73	0.56
											Water Year Total:	14.47

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

446 Aliso Canyon-Oat Mountain

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-18-53

Longitude: 118-33-25

Elevation: 2367 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.28		0.11					
2					0.94			0.40				
3				0.04	1.89		0.16	0.19				
4				0.55	0.04		0.51	1.62				0.40
5			1.70			0.55		1.53				
6			0.08E		1.34	0.20	0.08					
7			0.19		3.39			0.04				
8					0.59							
9				1.57				0.20				
10		1.38		0.04								
11							0.55		0.16			
12				0.24				1.46	0.08			
13		0.47		0.08		0.59		1.10				
14					2.08	0.12						
15		0.08		0.23								
16					0.32				0.07			
17					0.67							
18			0.83	0.20								
19				0.24	1.06							
20												
21					0.43							
22					2.21							0.04
23					4.60							
24					0.32							
25						2.32						
26		1.10										
27		0.04				0.08						
28						0.35						
29				0.94								
30		1.10										
31				0.24		0.95						
Totals	0.00	4.17	2.80	4.37	20.16	5.16	1.41	6.54	0.31	0.00	0.00	0.44
Water Year Total:												45.36

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

447C Carbon Canyon

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-02-18

Longitude: 118-38-56

Elevation: 50 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.02				0.20					
2					1.02							
3				0.08	1.85							
4					0.02		0.10	0.44				0.07E
5			T	0.22			0.10	1.07				
6			0.35			0.33		0.25				0.02E
7			0.11		1.35							
8			0.13		1.55							
9				0.10	0.95							
10		0.05		1.24								
11		0.42		T			0.56					
12		T						1.04	0.04E			
13		0.10										
14							T					
15				0.25	2.67							
16		0.25							0.10E			
17					1.20							
18			0.10	0.16								
19			1.60									
20		0.01			0.90							
21												
22					1.25							
23					0.60							
24					1.60							
25						1.73						
26		T				0.60						
27		0.58										
28												
29				0.86		T						
30		0.92										
31				0.40		0.60						
Totals	0.00	2.33	2.31	3.31	14.96	3.26	0.96	2.80	0.14	0.00	0.00	0.09
Water Year Total:												30.16

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

449B Eaton Wash Dam

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-10-06

Longitude: 118-05-33

Elevation: 880 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.54				1.49					
2					0.04		0.04	0.07				
3				A	0.62			0.14				
4				A	1.56		0.05	0.09				
5				0.40A			0.18	0.59				0.05
6			A			0.59		1.88				
7			A		2.12							
8			2.17A		2.68							
9				T	0.62			0.03	T			
10				1.77								
11		1.14							0.02			
12		0.28					0.68		0.19			
13		0.10		0.10				2.41	0.07			
14		0.30				1.19	0.03	0.34				
15				T	1.70	0.01						
16				0.08	T	0.02			0.06			
17						0.07			0.20			
18					0.76							
19			0.71	0.19								
20					0.57							
21			0.13									
22					1.04							
23					1.68							
24					4.54							
25						1.09		T				
26		T				1.68		0.12				
27		0.65				0.06						
28						0.54						
29				0.33		0.05						
30				0.40								
31						T						
Totals	0.00	2.47	3.55	3.27	17.93	5.30	2.47	5.67	0.54	0.00	0.00	0.05
										Water Year Total:		41.25

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

453D Devil's Gate Dam

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-10-53

Longitude: 118-10-27

Elevation: 980 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.55				1.06					
2					0.07		0.11	0.11				
3					1.39			0.13				
4					0.97		0.07	0.26				
5				0.41			0.19	0.93				
6			A			0.56	T	1.10				0.03
7			A		1.85		0.03					
8			1.30A		2.44							
9				0.15	0.34			0.06	T			
10				1.37				0.02				
11		1.25										
12		0.26					0.44		0.13			
13		0.16		0.13				2.45	0.04			
14		0.32				0.72	0.05	0.22				
15					1.42	0.01						
16				0.09					T			
17					0.39	0.05			0.10			
18												
19			0.82	0.35								
20					0.59							
21			A									
22			0.03A		1.23E							
23					2.52E							
24					3.01							
25						0.80		0.01				
26		0.43				1.06		0.04				
27		0.29				0.04						
28						0.53						0.05
29				0.84		T						
30				0.07								
31						0.02						
Totals	0.00	2.71	2.70	3.41	16.22	3.79	1.95	5.33	0.27	0.00	0.00	0.08
										Water Year Total:		36.46

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

455B Lancaster-State Hwy Maintenance Sta.

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-40-57

Longitude: 118-08-02

Elevation: 2395 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					0.25							
3					1.08		0.04	0.03E				
4				0.26				0.01E				0.51
5			0.54			T		0.37E				
6	0.09		1.56		0.69	0.06	0.01	0.06E				
7					0.75							
8			0.01		0.22							
9				0.28								
10		0.37		0.33								
11												
12					0.01			0.45E				
13		0.09						0.21E			0.06	
14					0.05	0.56	0.14					
15				T								
16												
17					0.08							
18			0.07	0.01								
19					0.36							
20												
21			0.02									
22					0.38							
23					1.76							
24					0.10							
25						0.98						
26		0.36										
27						0.08						
28						0.92						
29				0.25								
30		0.22										
31						0.52					0.39	
Totals	0.09	1.04	2.20	1.13	5.73	3.12	0.19	1.13	0.00	0.00	0.45	0.51
											Water Year Total:	15.59

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

462B Los AngelesHillcrest Country Club

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-02-54

Longitude: 118-24-06

Elevation: 185 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.73		0.04		0.85					
2					0.50		0.10	0.10				
3				0.16	0.90							
4					2.34		0.05	0.26				0.06
5				0.39			0.14	0.55				
6			2.52					0.93				
7			0.16		1.81							
8			0.15		1.60							
9				0.03	0.38							
10				2.09								
11		0.72		0.10								
12							0.80		0.08			
13				0.14				1.59				
14		0.44				0.44		0.15				
15					2.70							
16		0.03		0.09								
17					0.73				0.05			
18			T									
19			1.00	0.20								
20		0.03			0.94							
21												
22					2.60							
23					0.67							
24					2.76							
25						1.77						
26						1.00						
27		1.25										
28						0.35						
29				0.54								
30				0.88								
31												
Totals	0.00	2.47	4.56	4.62	17.97	3.56	1.94	3.58	0.13	0.00	0.00	0.06
										Water Year Total:		38.89

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

465C Sepulveda Dam

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-10-06

Longitude: 118-28-11

Elevation: 683 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.23				0.76					
2					1.21			0.06				
3				0.05	2.63		0.01					
4				0.23	0.14		0.06	0.12				
5			0.71				0.21	1.39				
6			3.24		2.20	0.38		0.43				
7			0.10		0.37							
8			0.03		2.41							
9				0.66	0.30							
10		0.51		0.67								
11							0.75		0.02			
12							0.01	0.66	0.08			
13		0.32		0.11				0.91				
14					1.39	0.57						
15				0.02								
16		0.01		0.05								
17					0.69							
18			1.08									
19			0.01	0.11	0.02							
20					0.75							
21												
22					1.12							
23					3.87							
24					0.68							
25						3.42						
26		0.51				0.11						
27												0.08
28						0.14						
29				0.84								
30		1.07										
31				0.02		0.40						
Totals	0.00	2.42	5.40	2.76	17.78	5.02	1.80	3.57	0.10	0.00	0.00	0.08
Water Year Total:												38.93

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

482 Los Angeles-U.S.C.

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-01-14

Longitude: 118-17-15

Elevation: 208 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.01		0.02		0.86	0.06				
2					0.25		0.01					
3				0.14	1.67							
4				0.47				0.80				
5			0.48				0.55	0.08				
6			1.18		1.88	0.33						
7			0.14		1.42	0.02						
8					0.46							
9				2.28								
10		0.52		0.16								
11									0.40			
12							0.76					
13		0.31		0.10				1.66				
14					1.38	0.48						
15		0.01		0.06								
16					0.18							
17					0.49							
18			0.98									
19		0.02		0.12	0.77							
20												
21					0.15							
22					1.50							
23					1.79							
24					0.71							
25						2.18						
26		0.78										
27		0.04					0.06					
28						0.25						
29				0.90								
30		0.34										
31				0.21		0.05						
Totals	0.00	2.02	2.79	4.44	12.67	3.37	2.18	2.60	0.40	0.00	0.00	0.00
											Water Year Total:	30.47

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

488B Kagel Canyon Patrol Station

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-17-45

Longitude: 118-22-30

Elevation: 1450 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					0.21		A					
3				0.07E	2.10		1.25A					
4				0.53E				0.50				0.34E
5			3.00					1.70				
6	0.03											
7					1.30							
8					2.50							
9				0.09E								
10		1.10		1.10				0.70				
11							0.50		0.05E			
12									0.15E			
13		0.32		0.25			0.80		0.03E			
14					1.30	0.55		0.60				
15												
16									0.01E			
17					0.40				0.04E			
18			0.80		0.80			0.20				
19												
20		0.02										
21												
22					1.70							
23					3.95							
24												
25						2.00						
26		0.70										
27		0.10				0.25						0.04E
28						0.25						0.06E
29				0.06								
30							A					
31				0.10		0.25A						
Totals	0.03	2.24	3.80	2.20	14.26	3.30	2.55	3.70	0.28	0.00	0.00	0.44
												Water Year Total: 32.80

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

491D Pacific Palisades

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-02-22

Longitude: 118-31-43

Elevation: 293 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						0.30						
2					1.14							
3					1.92			0.24				
4				0.02		0.24						0.73
5			1.50					1.50				
6			1.74		2.23							
7			0.19		1.30							
8					0.34							1.64
9				1.90								
10		0.50										
11						0.93	T					0.08
12				0.26				1.12				
13		0.38						0.76				
14					2.47	0.74						
15		0.04		0.14								
16					1.19				0.64			
17												
18			1.13									
19					0.92							
20												
21												
22					2.55							
23					2.24							
24												
25						3.81						
26		0.50										
27				1.14								
28						0.27						
29												
30		1.51		0.11								
31						0.64						
Totals	0.00	2.93	4.56	3.57	16.30	6.93	0.00	3.62	0.64	0.00	0.00	2.45
											Water Year Total:	41.00

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

492A Chilao - State Highway Maintenance Sta.

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-19-05

Longitude: 118-00-30

Elevation: 5275 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.08		0.08					
2				0.04	0.67		1.34	0.24				
3				0.12	0.87			0.27				0.15
4				0.08	0.90		0.20	1.89				0.04
5			2.32	0.15	0.79		0.08	1.66				
6			2.29		1.85	0.71	0.08	0.63				
7			0.86		4.02	0.04	0.08					
8					0.47			0.07				
9				1.81	0.43							
10	0.16	0.98		0.20								
11		0.20					1.22		0.04			
12		0.04					0.11	1.38	0.08			
13		0.32		0.08		0.67	0.08	1.85	0.04		0.04	
14					1.58	0.63		0.67				
15							0.08					
16												
17				0.04	0.66							
18			0.28									
19				0.20	0.08							
20					0.63							
21			0.08		0.04					0.31		
22					1.30							
23					6.93							
24					1.02							
25					0.40	3.46		0.04				
26		1.45				0.12		0.04				
27		0.04				0.27						
28						0.04						
29				0.82		0.44						
30		0.59										
31						0.11					0.87	
Totals	0.16	3.62	5.83	3.54	22.72	6.49	3.35	8.74	0.16	0.31	0.91	0.19
												Water Year Total: 56.02

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

497 Claremont-Slaughter

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-07-35

Longitude: 117-43-55

Elevation: 1350 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.03				0.84					
2							0.02					
3				A	1.69		0.17					
4				0.73A	0.16			0.01				
5				0.01	0.01			0.79				
6			2.07		1.17	0.61	0.17	1.34				
7	0.05		0.36		0.24		0.05					
8			0.15		2.43			0.04	0.03			
9				0.92	0.29							
10		0.92		1.85							0.02	
11		0.03					0.41		0.03			
12								0.64	0.02			
13		0.59					0.12	1.14				
14		0.03			1.65	0.29		0.49				
15		0.01			0.06							
16						0.06			0.07			
17					0.58	0.02			0.07			
18			0.06									
19			0.01	0.31								
20					0.63					0.08		
21			0.13									
22					1.79							
23					1.76							
24	0.03				2.12							
25						1.28						
26		0.94				0.06		0.04				
27		0.27				0.12						
28						0.98						
29				0.58								
30		0.43		0.02								
31						0.01					0.44	
Totals	0.08	3.22	2.81	4.42	14.58	3.43	1.78	4.49	0.22	0.08	0.46	0.00
												Water Year Total: 35.57

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

542 Fairmont

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-42-15

Longitude: 118-25-40

Elevation: 3050 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.43		0.07		0.89					T
2					0.50		0.15	0.15				0.11
3				0.10	1.25			0.33				
4				T	1.78		0.21	0.10				0.46
5				0.27			0.01	0.81				0.70
6			3.50		0.18	0.52	0.03	1.72				T
7			0.50		1.97		T	T				
8			T	T	2.31							
9				0.08	0.17			T				
10		0.02		0.94								
11	0.01	0.45							0.01			
12							0.10	0.05				
13				0.01	0.03		T	1.71	0.11			
14					0.03		0.13	0.22				
15			0.02	T	0.53		0.09					
16		0.10		0.10	T		0.01					
17					0.52							
18					T							
19			0.19	0.20								
20				T	0.46							
21												
22					0.68							
23					1.55							
24					3.75		T					
25					T	0.01						
26		T				0.68						
27		0.76				T						T
28						0.15						
29				0.27		0.17						
30		0.08		0.38								
31				T								
Totals	0.01	1.41	4.64	2.35	15.78	1.53	1.62	5.09	0.12	0.00	0.00	1.27
												Water Year Total: 33.82

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

564C Llano

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-29-13

Longitude: 117-50-02

Elevation: 3390 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.09					0.53				0.48
2					0.02							T
3				0.07	1.03							
4				0.05	0.05							0.08
5			0.01				0.13					
6			2.36		0.80	0.75		T				
7			0.06		0.12			0.05				
8					0.50							
9				0.22	0.03							
10		0.02		0.23								
11	0.04											
12					T		0.24					
13		0.17					0.55					
14						0.96	0.01					
15						0.03						
16						0.08						
17			0.05		0.34	0.06						
18												
19					0.06							
20					0.15							
21												
22					0.18							
23					0.40							
24					1.92							
25						1.04	1.04					
26		0.26				1.62	T					
27						0.08						
28						0.80						
29				0.11		0.03						
30		0.01										
31												
Totals	0.04	0.46	2.57	0.68	5.60	5.45	1.97	0.58	0.00	0.00	0.00	0.56
												Water Year Total: 17.91

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

591B Santa Anita Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-11-08

Longitude: 118-06-16

Elevation: 1205 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.35		0.05		1.65					0.02
2					0.03		0.14	0.08				
3					1.05		0.01	0.20				
4					1.34		0.10	0.24				0.05
5							0.31	1.18				0.07
6	0.02		2.21			0.75		1.25				
7			0.20		2.34		0.01					
8			0.46		2.80							
9				0.59	0.51			0.10	0.04			
10								0.03				
11		1.55						0.02	0.04			
12				0.03			0.71	0.03	0.27			
13				0.12	0.01			2.32	0.10			
14					0.08	1.20	0.10					
15				T	1.65	0.03						
16				0.08		0.08			0.06			
17					0.73	0.06			0.34			
18												
19				0.25								
20			0.70									
21			0.15									
22					1.33							
23					2.30							
24					3.74							
25						1.03						
26						1.62						
27		1.00				0.08						
28						0.80						
29				0.65		0.03						
30		0.21		0.01								
31												
Totals	0.02	2.76	4.07	1.73	17.96	5.68	3.03	5.45	0.85	0.00	0.00	0.14
												Water Year Total: 41.69

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

598D Neenach-Check 43-California D.W.R.

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-47-40

Longitude: 118-37-15

Elevation: 2965 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.26		0.01		0.53					
2					0.51		0.04	0.02				
3					1.59		0.01	0.05				0.12
4					0.53		0.18	0.03				0.40
5			0.18	0.03				0.61				0.16
6			3.80		1.13	0.16						
7	0.01		0.12		0.23	0.01	0.03	0.02				
8			0.09		1.27		0.01					
9					0.07							
10		0.08	0.10	0.43	0.01							
11	0.10	0.11					0.27		0.11			
12		0.01					0.29	0.10				
13		0.15		0.04	0.01		0.01	0.42				
14		0.11			0.23	0.30	0.28	0.03				
15					0.01		0.08					
16		0.01		0.32			0.01					
17					0.48							
18			0.20									
19			0.15	0.04								
20					0.31							
21					0.01							
22		0.01			0.28							
23					1.90							
24					1.76							
25					0.04	0.90						
26		0.32				0.06						
27		0.02			0.06	0.01						
28						0.39						
29				0.39		0.04						
30		0.03		0.05		0.01						
31												
Totals	0.11	0.85	4.90	1.30	10.44	1.88	1.74	1.28	0.11	0.00	0.00	0.68
Water Year Total:												23.29

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

610B Pasadena-City Hall

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-08-54

Longitude: 118-08-36

Elevation: 864 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.22				1.10					
2					0.10		0.03					
3				0.26	2.10			0.42				
4				0.52	0.02		0.15	0.14				0.04
5			0.25	T				1.08				
6	0.02		1.98		2.20	0.35	0.22	0.50				
7			0.22		0.36							
8			0.10		2.75							
9				0.70	0.50			0.02				
10	0.02	1.12		1.04							T	
11		0.22					0.28		0.14			
12							0.26	0.87	0.18			
13		0.40		0.21	0.01		0.02	1.30				
14		T			1.63	0.65		0.10				
15				0.07	0.08							
16				0.04	0.60	0.01			0.06			
17					0.01	T			T			
18			0.90									
19			0.04	0.32								
20			0.03		0.62							
21					0.01							T
22					1.53							
23					2.50							
24					1.85							
25						2.33		0.01				
26		0.70				0.02		T				
27		0.11				0.10						
28						0.50						
29				0.88								
30		0.29		0.01								
31				0.02		0.10					0.48	
Totals	0.04	2.84	3.74	4.07	16.87	4.06	2.06	4.44	0.38	0.00	0.48	0.04
											Water Year Total:	39.02

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

612B Pasadena-Chlorine Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-12-04

Longitude: 118-09-49

Elevation: 1160 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.39		0.06		3.06					0.40
2							0.48	0.16				
3					0.75			0.43				
4					1.81		0.30	0.36				
5				0.70			0.50	2.17				0.14
6			2.26		1.58	1.80		0.56				
7			0.15		0.67		0.06					
8			0.27		3.03							
9				0.18				0.13	0.03			
10								0.01				
11		1.76							0.12			
12							1.30	1.81	0.23			
13					0.02			1.15	0.08			
14					0.01	1.74	0.06	0.31				
15					1.64	0.04						
16				0.13		0.10			0.05			
17					0.47	0.16			0.27			
18												
19				0.42								
20			0.81		0.69							
21			0.06									
22					1.43							
23					2.66							
24					4.09							
25						2.20						
26						2.50		0.11				
27		1.11				0.16						
28						1.60						
29				0.89		0.04						
30		0.07		0.16								
31						0.06						
Totals	0.00	2.94	3.94	2.48	18.91	10.40	5.76	7.20	0.78	0.00	0.00	0.54
Water Year Total:												52.95

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

613C Pasadena Fire Station

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-07-15

Longitude: 118-08-05

Elevation: 779 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.19		0.03		1.25					0.53
2					0.12		0.02	0.33				
3					1.30		T	0.41				
4					1.00		0.08	0.18				0.04
5				0.29			0.25	0.42				0.06
6	0.03		2.25			0.32		1.04				
7			0.13		2.19							
8			0.19		2.75							
9				0.40	0.40			0.03	T			
10												
11		1.40							0.04			
12				0.02			0.60	0.27	0.18			
13				0.08	0.01			2.45	0.18			
14					0.17	0.90	T					
15				0.10	1.75							
16				0.30		0.01			0.06			
17					0.75	T			0.01			
18												
19				0.30								
20			0.80									
21			0.06									
22					1.77							
23					1.42							
24					3.23							
25						1.26						
26						1.67						
27		1.07				0.10						
28						0.40						
29				1.00		0.02						
30		0.01		0.01								
31										0.53		
Totals	0.03	2.48	3.62	2.50	16.89	4.68	2.20	5.13	0.47	0.53	0.00	0.63
										Water Year Total:		39.16

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

619 San Antonio Canyon-Sierra Power House

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-12-29

Longitude: 117-40-26

Elevation: 3110 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.04		0.27E					
2					0.08		0.22E					
3				0.28	2.12							
4				0.56			0.22E					
5			0.40			0.56	0.05E	3.24				
6	0.08		3.08		3.40	0.44	0.11E	1.16				
7	0.16		0.52		2.44		0.38E	0.24				
8			0.04		1.04			0.04	0.04			
9			0.04	2.64	0.04			0.04				
10		1.72		0.68								
11								0.04	0.08			
12							0.38E	2.32	0.12		0.08	
13		0.84				0.08	0.03E	1.04				
14					1.60	0.24	0.04E					
15				0.08								
16					0.28	0.04						
17					0.60							
18			0.04									
19				0.40	0.48							
20					0.24							
21			0.24		0.04							
22					2.20							
23					8.48							
24					0.52							
25						1.92		0.08				
26		1.40				0.04						
27		0.04				1.04						
28						1.04						
29				0.64		0.44						
30		0.36										
31						0.44					0.36	
Totals	0.24	4.36	4.36	5.28	23.60	6.28	1.70	8.20	0.24	0.00	0.44	0.00
											Water Year Total:	54.70

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

627 San Gabriel Canyon-Power House

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-09-20

Longitude: 117-54-28

Elevation: 744 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.44					0.06				0.06
2					0.01		0.06					
3				0.31	0.84			0.23				
4				0.04	1.14		0.12	0.12	0.04			
5				0.42		0.03	0.15	0.34				
6			2.08			0.77		3.64				
7	0.21		0.33		2.02		0.05					
8			0.33		3.33							
9			0.01	0.08	0.40			0.02	0.02			
10				2.65								
11		1.19							0.02			
12		0.01					0.40	0.05	0.27			
13		0.18		0.15				2.19				
14		0.52			0.10	0.75	0.04	0.21				
15					1.71	0.03						
16				0.01	0.01	0.02			0.01			
17					0.80	0.08			0.31			
18						0.01						
19			0.38	0.23								
20				0.01	0.59					0.15		
21			0.10									
22			0.12		1.96							
23					1.72							
24	0.01				3.42							
25						0.82		0.09				
26		0.91				1.70						
27		0.41				0.08						
28						1.20						
29				0.43		0.03						
30		0.09		0.41		0.01						
31												
Totals	0.22	3.31	3.79	4.74	18.05	5.53	0.82	6.89	0.67	0.15	0.00	0.06
												Water Year Total: 44.23

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

634C Santa Monica

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-00-43

Longitude: 118-29-27

Elevation: 94 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							1.36					
2					0.87		0.10	0.09				
3				0.20	1.31		0.06	0.06				
4				0.10	0.20		0.14	0.36				
5			1.01		0.01		0.20	1.73				
6	T		1.39		1.60	0.24		0.08				
7			0.02		0.05							
8					0.83							
9				0.66	0.20			0.02				
10		0.30		0.99								
11	T				0.01		0.88		0.20			
12							1.20	0.29	T			
13		0.29					T	0.29				
14					2.02	0.39						
15		0.04	0.01	0.04								
16									0.40			
17					0.95							
18			1.19	T								
19		T	0.02	0.03	0.03				0.10			
20		T			0.93							
21												
22					1.34							
23					0.60							
24					0.93	0.01				T		
25						2.65						
26		0.23				0.03						
27		T										
28						0.10						
29				1.22								
30		1.71				0.06						
31				0.09		0.02						
Totals	0.00	2.57	3.64	3.33	11.88	3.50	3.94	2.92	0.70	0.00	0.00	0.00
											Water Year Total:	32.48

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

PRECIPITATION

DAILY RAINFALL SUMMARY

662D Long Beach Airport

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 33-49-00

Longitude: 118-09-00

Elevation: 34 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.02		0.05					
2				T	0.15			0.02				
3				0.03	1.80		0.01	0.03		T		T
4				0.30	0.05		0.11	0.05				T
5			0.30			0.05	T	0.25				
6			1.81		1.02	0.36						
7			0.10		1.58				T		T	
8			T	T	0.23				T			
9				1.27								
10		0.07		0.33							T	
11		0.07		T	T		1.30		0.01			
12				0.11	T			0.69				
13	T	1.02		0.06		0.53	0.02	0.63	T			
14			T		2.18	0.04		0.01				
15		0.01	T	0.08								
16					0.31				0.02			
17					0.75							
18			1.39	T								
19		0.09		0.08	0.65							
20					T							T
21			0.10		0.18							
22					0.68							
23					1.62							
24					0.87	T						
25						2.57						
26		0.70										
27		0.03				0.04						
28						0.19						
29				0.58								
30		0.49										
31				0.14		0.98						
Totals	0.00	2.48	3.70	2.98	12.09	4.76	1.49	1.68	0.03	0.00	0.00	0.00
											Water Year Total:	29.21

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: August 2012

PRECIPITATION

DAILY RAINFALL SUMMARY

680B Westwood (U.C.L.A.)

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-04-10

Longitude: 118-26-30

Elevation: 430 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.06				0.69					
2					1.38		0.02	0.11				
3				0.20	2.51			T				
4				0.22	0.13		0.11	0.24				
5			0.38				0.04	1.27				
6			2.80		2.27	0.26		0.13				
7			0.21		0.28	0.46						
8			0.07		1.97							
9				1.01	0.76			0.03				
10		0.51		1.01								
11		0.16					0.74		0.07			
12							0.06	0.94	0.05			
13		0.48		0.20	T			0.96				
14					2.53							
15		T		0.02	0.02							
16		0.01		0.05					0.04			
17					0.79							
18			0.92									
19			0.03	0.25	0.02							
20		0.01			0.88							
21												
22					3.19							
23					2.81							
24					0.97							
25					T	3.95						
26		0.59				0.12						
27		0.13										
28						0.21						
29				1.56								
30		1.06				0.02						
31				0.04		0.26						
Totals	0.00	2.95	4.47	4.56	20.51	5.28	1.66	3.68	0.16	0.00	0.00	0.00
											Water Year Total:	43.27

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

683B Sunset Ridge

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-12-53

Longitude: 118-08-47

Elevation: 2110 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.42				1.36					0.02
2					0.10		0.36					
3				0.22	1.20							
4					1.10		0.10					0.09
5				0.36		T	0.24					0.06
6			2.02		0.24	0.84						
7	0.05		0.14		2.50		0.02					
8			0.31		2.00							
9				0.04	0.45				0.06			
10				1.65								
11		2.26		0.10					0.23			
12							0.66		0.41			
13		0.18		0.12								
14					0.12	0.71	0.05					
15					1.53							
16				0.09		0.02			0.07			
17					0.54	0.12			0.38			
18			T									
19			0.73	0.31								
20					0.68							
21			0.10									
22					1.43							
23					2.36							
24		0.27			3.78							
25						1.02						
26						1.30						
27		1.01				0.15						0.07
28						0.81						
29				0.68								
30				0.16								
31						0.05						
Totals	0.05	3.72	3.72	3.73	18.03	5.02	2.79	0.00	1.15	0.00	0.00	0.24
											Water Year Total:	38.45

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

694G Big Tujunga Canyon-Cmp

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-17-22

Longitude: 118-17-17

Elevation: 1525 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.04		0.04		0.16					
2					0.08			0.12				0.12
3				0.16	2.48		0.15	0.08				
4				0.28			0.08	1.18				0.08
5			1.66			0.44	0.08	1.57				
6			1.06		1.34	0.19		0.08				
7			0.23		2.09							
8					0.47							
9				1.06	0.08							
10		1.22		0.08								
11							0.55		0.04			
12				0.04				1.18	0.23			
13		0.28		0.12		0.40	0.16	0.95				
14					1.02	0.15						
15				0.08								
16					0.12							
17					0.28							
18			0.63									
19				0.11	0.55							
20												
21					0.08							
22					1.22							
23					4.72							
24					0.43							
25						2.05						
26		0.98										
27						0.08						0.04
28						0.32						
29				0.55								
30		0.51										
31				0.08		1.73						
Totals	0.00	2.99	3.62	2.56	15.00	5.36	1.18	5.16	0.27	0.00	0.00	0.24
Water Year Total:												36.38

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

695B Tujunga Canyon-Vogel Flat

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-17-12

Longitude: 118-13-32

Elevation: 1850 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.69		0.62		3.96					
2					0.18		0.50	0.09				
3				0.12	1.10			0.42				
4				0.17	2.12		0.54	0.45				0.35
5				0.49			0.38	2.42				
6	T		3.06			1.12	0.10	2.24				
7			0.07		2.46		0.04					
8			0.42		3.21			0.02				
9												
10				1.88								
11		1.71										
12							1.86					
13				0.14				3.28				
14		0.33				0.76	0.40	0.68				
15					1.53		0.04					
16		0.02		0.09								
17					0.78							
18												
19			0.63	0.37								
20					0.83							
21			0.06									
22					1.63							
23					2.90							
24					6.50							
25						0.90						
26		1.55				1.26		0.06				
27						0.98						0.12
28												
29				0.45								
30												
31						0.02						
Totals	0.00	3.61	4.93	3.71	23.86	5.04	7.82	9.66	0.00	0.00	0.00	0.47
Water Year Total:												59.10

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

PRECIPITATION

DAILY RAINFALL SUMMARY

716 Los Angeles-Ducommun St.

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-03-09

Longitude: 118-14-13

Elevation: 306 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.39		0.05		1.38					
2				T	0.17		0.04	0.06				
3				T	0.23		0.16	0.03				T
4				0.15	1.61		0.13	0.13				
5				0.55			0.07	0.41				
6	T		1.48		T	0.30		0.62				
7			0.20		2.09			T				
8			0.11		1.82							
9				0.01	0.50							
10		T		1.26								
11		0.65		1.00								
12							0.64		0.05			
13		0.03		0.12				1.77				
14		0.34				0.51	T	0.40				
15			T		2.29							
16				0.05	T							
17		0.01			0.58					T		
18				0.19		T						
19			0.92									
20					0.80							
21												
22					1.60							
23					0.79					T		T
24					2.65							
25					T	1.03						
26						1.02						
27		0.88				T						T
28						0.25						
29				0.48		T						
30		T		0.53								
31						T						
Totals	0.00	1.91	3.10	4.34	15.18	3.11	2.42	3.42	0.05	0.00	0.00	0.00
												Water Year Total: 33.53

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: August 2012

PRECIPITATION

DAILY RAINFALL SUMMARY

734C Los Angeles International Airport

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 33-56-25

Longitude: 118-23-44

Elevation: 105 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.06		0.08					
2				0.09	0.57			0.11				
3				0.21	3.10		0.12	0.06				
4				0.41			0.06	0.34				
5			0.95			0.11		0.46				
6	T		1.51		1.40	0.19		0.22				
7			0.29		1.23							
8				T	0.50							
9				1.70	T							
10		0.78		0.07								
11		T					0.74		0.08			
12				T	T			0.67	T			
13		0.40		0.15		0.48	T	0.59				
14			T		2.09	0.19		T				
15		0.05		0.02	T							
16		0.01			0.20	T			0.01			
17					0.31							
18			1.18									
19		0.04		0.14	0.80							
20												
21					0.16							
22					1.01							
23					1.87							
24					0.49	0.01						
25						1.39						
26		0.79										
27						0.04						
28						0.28						
29				0.83		T						
30		0.58										
31				0.09		0.68						
Totals	0.00	2.65	3.93	3.71	13.79	3.37	1.00	2.45	0.09	0.00	0.00	0.00
											Water Year Total:	30.99

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

735H Bell Canyon

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-11-40

Longitude: 118-39-23

Elevation: 895 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.12							
2					0.87			0.08				
3				0.04	3.26		0.04					
4				0.43			0.08	0.75				
5			2.29			0.24		0.63				
6			1.65			0.16						
7												
8												
9				0.71								
10		0.63		0.12	0.04							0.16
11							0.67					
12				0.12				0.74	0.08			
13		0.43		0.04		0.27	0.04	0.67				
14					1.65	0.12						
15		0.08		0.19								
16					0.12							
17					0.39							
18			0.75									
19				0.12	0.56							
20												
21					0.15							
22					1.42							
23					2.72							
24					0.27							
25						2.01						
26		0.67				0.04						
27												
28						0.23						
29				0.55								
30		1.02										
31				0.08		0.67						
Totals	0.00	2.83	4.69	2.40	11.57	3.74	0.83	2.87	0.08	0.00	0.00	0.16
											Water Year Total:	29.17

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

742C San Gabriel Fire Department

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-06-11

Longitude: 118-05-56

Elevation: 445 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.05		0.90					
2					0.12		0.01	0.10				
3					1.90							
4					T		0.18	0.35				
5					0.05			0.97				
6	0.02				1.87			1.52				
7			0.60		0.29							
8			0.18		3.65							
9					0.50			T				
10		2.10										
11		0.16					0.46					
12							0.15	0.72	0.35			
13		0.96						1.48				
14					1.73	0.89		0.03				
15					0.11							
16						0.05			0.03			
17					0.80				T			
18			1.40		T							
19			0.90									
20					0.67							
21			0.16									
22					1.32							
23					2.10							
24					2.09							
25					0.06	2.80						
26		1.18				0.05						
27		0.26				0.33						
28						T						
29												
30		1.00										
31						0.14						
Totals	0.02	5.66	3.24	0.00	17.31	4.26	1.70	5.17	0.38	0.00	0.00	0.00
											Water Year Total:	37.74

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

749B Burbank Valley Pump Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-11-11

Longitude: 118-20-54

Elevation: 655 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.79		0.02		1.11					
2					0.18		0.14					
3					0.80			0.09				
4					3.01		0.07	0.16				
5							0.12	0.89				
6			2.77			0.40	0.15	1.13				
7			0.07		1.80			T				
8					2.06			T				
9					0.36			T				
10		1.44										
11		0.85										
12							0.62	1.80	0.07			
13		0.29			0.02			0.30	0.03			
14		0.26				0.63	0.06					
15		0.04			1.09	T						
16									0.02			
17					0.38							
18												
19			1.05									
20					0.60							
21			T									
22					0.90							
23					1.23							
24					3.07							
25						1.15						
26						2.12						
27		1.64				0.03						
28						0.39						
29												
30		T										
31												
Totals	0.00	4.52	4.68	0.00	15.52	4.72	2.27	4.37	0.12	0.00	0.00	0.00
												Water Year Total: 36.20

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

750B Palmdale-F.A.A. Airport

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-37-20

Longitude: 118-05-00

Elevation: 2528 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					0.25							
3					0.90							
4					0.34		0.10					0.14
5				0.24				0.25				
6			1.89			0.05		0.08				
7					0.50		0.38					
8			0.12		0.86							0.12
9				0.05	0.12							
10												
11				0.54			T					
12		0.15										
13		0.08				T	0.84	0.40				
14		T	T					0.25				
15							0.09					
16				0.04	0.23							
17					0.11							
18												
19												
20				T	0.34							
21			T									
22					0.44							
23					0.34							
24					1.98							
25						0.06						
26						0.72						
27		0.38										
28						0.20						
29						0.14						
30		0.24		0.21								
31						0.45					0.14	
Totals	0.00	0.85	2.01	1.08	6.41	2.46	0.57	0.98	0.00	0.00	0.14	0.26
											Water Year Total:	14.76

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

794 Lower Franklin Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-05-43

Longitude: 118-24-40

Elevation: 585 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.38		0.05		0.98					
2					1.10		0.02	0.12				
3				0.27	2.20							
4				T	0.11		0.06	0.34				
5				0.19			0.27	1.61				
6			3.45			0.32	0.02	0.15				
7			0.18		2.00							
8					1.81							
9			T	0.32	0.61			0.05				
10				1.34								
11									0.05			
12							0.54		0.11			
13				0.18				1.27				
14						0.84						
15					1.92							
16				0.06								
17					0.97							
18			0.03									
19			1.05	0.20								
20					0.71							
21												
22					2.15							
23					2.05							
24					1.66							
25						1.58						
26						1.39						
27												
28						0.23						
29				0.58								
30				0.82								
31												
Totals	0.00	0.00	5.09	3.96	17.34	4.36	1.89	3.54	0.16	0.00	0.00	0.00
											Water Year Total:	36.34

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

795 Pasadena-Jourdan

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-08-52

Longitude: 118-05-14

Elevation: 705 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.33				1.34					0.01
2					0.04		0.03	0.05				
3					1.15			0.10				
4					1.09		0.06	0.06				0.04
5				0.42			0.18	1.00				0.02
6	T		2.05			0.34		1.31				
7			0.13		2.16							
8			0.19		2.79							
9				0.47	0.72			0.04	T			
10												
11		1.60							0.01			
12				0.03			0.65	0.37	0.16			
13				0.10				2.11	0.16			
14					0.18	1.16	T					
15				0.12	1.45							
16				0.40		0.01			0.08			
17					0.75	T			0.04			
18												
19				0.23								
20			0.80									
21			0.07									
22					1.43							
23					1.42							
24					3.56							
25						1.25						
26						1.62						
27		0.74				0.10						
28						0.44						
29				0.80		0.02						
30		0.14										
31						0.04						
Totals	0.00	2.48	3.57	2.57	16.74	4.98	2.26	5.04	0.45	0.00	0.00	0.07
Water Year Total:												38.16

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

797 De Soto Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-16-17

Longitude: 118-35-12

Elevation: 1127 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			1.11		0.85		0.79					
2				0.13			0.07					
3				T								0.16
4							0.15	0.39				
5							0.13	2.11				
6			3.27		4.08	0.62	0.11					
7			1.00									
8			0.28					0.19	T			0.08
9				0.37	4.49				T			
10		0.04		0.92					T			
11								0.09	0.12			
12		0.89					0.72					
13		0.44		0.26	0.01							
14		0.01				0.67	0.01	2.23				
15			0.03									
16				0.43		T						
17		0.10			2.89	0.01						
18									0.01			
19			0.95		0.01							
20		0.02		0.24	0.89							
21												
22												
23					3.42							
24					2.74							
25												
26		0.56				2.24						
27		0.06										
28												0.01
29				0.62								
30						0.35						
31				0.20								
Totals	0.00	2.12	6.64	3.17	19.38	3.89	1.98	5.01	0.13	0.00	0.00	0.25
										Water Year Total:		42.57

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

801B Magic Mountain

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-23-18

Longitude: 118-19-27

Elevation: 4720 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.07				0.99					
2					0.69			0.16				
3				0.06	2.39		0.05	0.47				
4				0.82	0.05		0.27	0.70				0.06
5			0.83				0.29	2.76				
6			3.45		1.63	0.95	0.26	0.57				0.04
7			0.45		0.51		0.06					
8			0.11		2.51							
9				0.94	0.53			0.12				
10		1.16		0.87								
11		0.18					0.35		0.16			
12								2.14	0.23			
13		0.40		0.25			0.10	0.92				
14					1.42	0.70		0.21				
15		0.08		0.04	0.04		0.02					
16				0.04								
17					0.50							
18			0.44									
19				0.62								
20					0.61							
21			0.13									
22					2.34							
23					7.93							
24					0.57							
25						2.97		0.05				
26		1.54				0.01		0.13		0.10		
27		0.17				0.19				0.06		0.40
28						0.85						
29				0.84								
30		0.59										
31				0.14		0.36						
Totals	0.00	4.12	5.48	4.62	21.72	6.03	2.39	8.23	0.39	0.16	0.00	0.50
												Water Year Total: 53.64

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

802C Eagle Rock Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-08-47

Longitude: 118-11-20

Elevation: 970 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1					0.02		2.48						
2				T	0.30		0.04	0.08					
3				T	0.78			0.10					
4					3.68		0.06	0.58					
5				0.44			0.52	2.28					
6	T		1.70			0.68		1.70					
7			0.15		3.72			T					
8			0.16		3.70								
9			T	0.04	0.98								
10				3.12									
11		0.95		0.02					0.04				
12		T		0.22	T			3.86	0.10				
13		0.11						0.24					
14		0.34			0.68T		T						
15				0.20	2.52								
16										T			
17				T	1.04				0.10				
18			0.02		T								
19			1.06	0.56									
20					1.30								
21												0.02T	
22					3.26								
23					2.26								
24					6.22	2.10							
25					0.04	2.30							
26		0.86											
27						0.04						0.09	
28						0.84							
29		0.11		0.90									
30		0.65		0.64									
31				0.04		0.02							
Totals	0.00	3.02	3.09	6.18	30.50	5.98	3.10	8.84	0.24	0.00	0.00	0.11	
												Water Year Total:	61.06

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

807 Ascot Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-04-46

Longitude: 118-11-14

Elevation: 620 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.06		1.08					
2					0.19			0.04				
3				0.35	0.94			0.06				
4					1.27		0.42	0.42				
5				0.42				0.44				
6			1.83		2.32			0.64				
7			0.15		2.36							
8			0.16	0.09	0.42							
9			T	2.29								
10		0.15		T								
11		0.48							0.04			
12		T		0.16			0.72	2.43				
13		0.15						0.04				
14		0.31			0.60	0.45	T					
15				0.08	1.57							
16									0.02			
17					0.70							
18			T									
19			1.10	0.24								
20					0.76							
21												
22					1.56							
23					1.18							
24					2.64							
25							1.29					
26		0.92					1.45					
27							0.04					
28							0.40					
29		0.13		0.47								
30				0.57								
31							T					
Totals	0.00	2.14	3.24	4.67	16.57	3.63	2.22	4.07	0.06	0.00	0.00	0.00
												Water Year Total: 36.60

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1005B Mint Canyon Fire Station

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-30-35

Longitude: 118-21-40

Elevation: 2300 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							1.06					
2					0.23							
3												
4					1.58		0.24					
5								1.10				
6			2.47			0.50	0.11	0.59				
7			0.40		0.93							
8			0.17		0.94							
9												
10				1.36								
11		0.24										
12								0.06	0.04			
13		0.08										
14						1.12		1.10				
15												
16		0.10		0.40								
17					0.13							
18												
19			0.18	0.15								
20												
21			0.20									
22												
23					2.96							
24					1.97							
25												
26		1.36				1.58						
27												
28												
29						0.50						
30		0.18										
31												
Totals	0.00	1.96	3.42	1.91	8.74	3.70	1.41	2.85	0.04	0.00	0.00	0.00
												Water Year Total: 24.03

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1011B Palos Verdes Fire Station

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-45-25

Longitude: 118-21-11

Elevation: 1275 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							2.16					
2				0.13	0.87							
3					2.22		0.10					
4				0.30			0.20					
5			1.90					0.85				
6			0.37		0.79	0.39						
7			0.19		1.21							
8					0.39							
9				1.10								
10		0.25		0.10								
11							1.20					
12							0.90	0.99				
13		1.40				0.65						
14					2.00							
15		0.12		0.23								
16					1.05							
17			0.08									
18			2.20									
19					0.90							
20												
21					0.35							
22					0.10							
23					1.89							
24						0.75						
25						0.35						
26		0.47				0.18						
27												
28						0.52						
29				0.66								
30		0.30										
31				0.15								
Totals	0.00	2.54	4.74	2.67	11.77	2.84	4.56	1.84	0.00	0.00	0.00	0.00
											Water Year Total:	30.96

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1025 Malibu Beach-Dunne

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-02-00

Longitude: 118-42-42

Elevation: 160 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.44					
2					0.77			0.16				
3				0.06	1.61		0.06	0.07				
4				0.36				0.21				
5			0.45				0.05	1.29				
6			1.53		0.71	0.39		0.06				0.03
7			0.24		0.22							
8			0.08		1.36							
9				0.48	0.36							
10		0.63		0.25								
11							0.33					
12							0.03	0.68	0.03			
13		0.25		0.29				0.90				
14					1.84	0.16						
15		0.07				1.84						
16		0.06		0.04					0.11			
17					1.00							
18			1.28									
19				0.13	0.07							
20					0.47							
21												
22					1.12							
23					1.42							
24					0.50							
25						1.41						
26		0.42				0.08						
27		0.04				0.11						
28												
29				0.75								
30		0.91				0.02						
31				0.13		0.40						
Totals	0.00	2.38	3.58	2.49	11.45	4.41	0.91	3.37	0.14	0.00	0.00	0.03
										Water Year Total:		28.76

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1029C Tujunga-Mill Creek Summit ranger station

Gage Type: Standard recording gage (DPW)

Observation Time: 800

Latitude 34-23-22

Longitude: 118-04-49

Elevation: 4990 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.35				1.30					
2					0.18							
3					0.79							0.35
4					2.88			0.59E				0.05
5				0.55			0.31	0.84E				0.02
6			3.96		0.03	0.55		0.92E				
7					2.10E	A	0.13	0.13E				0.07
8					1.84E	A		0.07E				
9			0.04	0.01	0.46E	0.07A						
10												
11	0.15	0.71										
12				1.60					0.12			
13		0.16		0.06			0.55	1.92E			0.30	
14		0.23			A	A	0.26	0.99E			0.05	
15					A	A	0.39					
16				0.07	A	1.14A						
17		0.05			2.30A							
18												
19			0.27	0.15								
20		T			0.58							
21			0.15		A							
22					A							
23					2.80A							
24					4.25							
25						0.67						
26						1.31		0.04				0.01
27		1.45				0.01						
28						A						
29				0.40		A						
30		0.11		0.35		1.03A						
31												
Totals	0.15	2.71	4.77	3.19	18.21	4.78	2.94	5.50	0.12	0.00	0.35	0.50
												Water Year Total: 43.22

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1037 Arcadia-Arboretum

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-08-48

Longitude: 118-02-59

Elevation: 565 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.20				1.15					T
2	T				0.02		0.10	0.01				
3				0.15	1.46			0.09				T
4				0.25	0.26		0.12	0.08				0.05
5			T	0.14			0.11	0.97				T
6			2.39		1.51	0.40	0.01	1.46				
7			0.15		0.37							
8			0.25		2.42			T				
9				0.59	0.50			0.02				
10		1.23		1.39								
11				0.26			0.12		0.02			
12							0.59	0.80	0.62			
13		0.32		0.07	0.02	T	T	1.56	0.01			
14		0.05			1.10	0.63		0.06				
15				0.01	0.44	0.05						
16		T		0.07		T			0.08			
17					0.90	0.05			0.07			
18			T									
19			0.73	0.17								
20					0.63							
21			0.07		1.45							0.02
22												
23					3.28E			T				
24					1.42E							
25						2.36		0.02				
26		0.74				0.11						
27		0.30				0.12						
28						0.48						
29				0.72		0.09						
30		0.23										
31						0.29						
Totals	0.00	2.87	3.79	3.82	15.78	4.58	2.20	5.07	0.80	0.00	0.00	0.07
												Water Year Total: 38.98

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1041B Santa Fe Dam

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-07-04

Longitude: 117-58-24

Elevation: 427 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.14				0.74					0.04
2							0.02					
3				0.20	2.12			0.01				
4				0.40	0.06		0.07	0.10				
5				0.01			0.08	0.85				
6			2.08		1.67	0.35		1.43				
7			0.37		0.22							
8			0.14		3.05							
9				1.13	0.20							
10		0.62		1.44								
11		0.04					0.39		0.03			
12							0.10	1.01	0.03			
13		0.46		0.06	0.01		0.03	1.05				
14		0.01			2.00	0.52		0.01				
15		0.01		0.04	0.03	0.01						
16		0.01		0.02								
17					0.89				0.03			
18			0.62									
19			0.01	0.25								
20					0.62					0.01		
21			0.01									
22					1.84							
23					1.39							
24					0.92							
25						2.57		0.01				
26		0.72				0.01						
27		0.10				0.11						
28						0.53						
29				0.70								
30		0.57				0.07						
31						0.08						
Totals	0.00	2.54	3.37	4.25	15.02	4.25	1.43	4.47	0.09	0.01	0.00	0.04
												Water Year Total: 35.47

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1046B Santa Anita Cyn-Chantry flat

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-11-46

Longitude: 118-01-20

Elevation: 2175 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.62		0.01		1.51					0.03
2					0.08		0.21	0.07				
3				0.26	0.58			0.59				0.04
4				0.08	1.65		0.12	0.23	0.07			0.02
5				0.52			0.35	1.11				
6			2.63			1.06	0.01	4.14				
7	0.02		0.23		2.43		0.07					
8			0.42		2.90							
9				0.03	0.70			0.15				
10				2.39				0.01	0.01			
11		1.91							0.33			
12							0.65		0.29			
13		0.16		0.11				3.48	0.27			
14		0.62			0.10	0.74	0.10	0.69				
15					2.04	0.05						
16		0.04		0.07					0.02			
17					1.06	0.15			0.27			
18												
19			0.69	0.47								
20					0.77							
21			0.12									0.04
22			0.04		1.90							
23					3.18							
24	0.03				6.55							
25						1.13		0.02				
26						1.72		0.28				
27		1.36				0.37						0.03
28						1.20						
29				0.45		0.04						
30				0.54		0.06						
31												
Totals	0.05	4.09	4.75	4.92	23.95	6.52	3.02	10.77	1.26	0.00	0.00	0.16
										Water Year Total:		59.49

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1050F Old Topanga Canyon

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-06-24

Longitude: 118-37-43

Elevation: 1000 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			1.60		0.07		1.07					0.12
2					1.98							
3				0.14	3.35							
4					1.30		0.22					0.24
5				0.35			0.28	1.75				
6			4.65			0.47		1.32				
7			0.24		3.18							
8			0.16		4.36							
9					0.67							
10				1.86								
11		1.02										
12							1.41		0.15			
13		0.25		0.14	0.05			2.37				
14		0.30				0.66	0.02	0.06				
15					2.10							
16				0.24								
17		0.07			1.50				0.05			
18												
19			1.90	0.29								
20					0.72							
21												
22					1.63							
23												
24					6.75							
25						3.19						
26		1.00				0.73						
27												
28						0.29						
29				1.51								
30		0.21										
31												
Totals	0.00	2.85	8.55	4.53	27.66	5.34	3.00	5.50	0.20	0.00	0.00	0.36
												Water Year Total: 57.99

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1051B Canoga Park-Pierce College

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-10-51

Longitude: 118-34-23

Elevation: 800 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.73					
2					0.84		0.03	0.15				
3				0.07	3.62		0.02	0.04				
4				0.35	0.16		0.06	0.15				0.05
5			0.83					1.62				
6			3.79		2.37	0.51		0.30				
7			0.10		0.15			0.07				
8			0.01		1.91							
9				0.42	0.54			0.01				
10		1.00		0.94								
11		0.07		0.01	0.01		0.96			T		
12					0.01		0.03	0.83	0.11			
13		0.43		0.15			0.05	0.89				
14					1.70	0.57						
15		0.02	T	0.08	T							
16				0.11		0.01			0.01			
17					0.79							
18			0.91	0.85								
19			0.02		0.04							
20		0.01			0.69							
21												
22					1.44							
23					3.10		T					
24					0.65							
25						2.19						
26		0.55				0.21						0.01
27						0.01						
28						0.21						
29												
30		1.05				0.02						
31				0.11		0.14						
Totals	0.00	3.13	5.66	3.09	18.02	3.87	1.88	4.06	0.12	0.00	0.00	0.06
												Water Year Total: 39.89

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: August 2012

PRECIPITATION

DAILY RAINFALL SUMMARY

1058B Palmdale

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-35-17

Longitude: 118-05-31

Elevation: 2595 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.24				0.45					
2					0.05							
3					1.07							
4				0.23	0.07		0.05					
5			0.06									
6			1.93		0.39	0.13	0.19					
7			0.04		0.07		0.14					
8			0.06		0.93							
9				0.31	0.12							
10		0.12		0.26								
11	0.20	0.03										
12												
13		0.08										
14						0.86						
15					0.27		0.06					
16												
17					0.14							
18			0.04									
19					0.01							
20					0.33							
21			0.09									
22					0.58							
23					1.30							
24					1.02							
25						0.65						
26		0.47				0.02						
27		0.03										
28												
29				0.21								
30		0.18		0.07								
31												
Totals	0.20	0.91	2.46	1.08	6.35	1.66	0.89	0.00	0.00	0.00	0.00	0.00
											Water Year Total:	13.55

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1070 Manhattan Beach

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-53-00

Longitude: 118-23-19

Elevation: 182 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.33				0.62					
2					0.56		0.20	0.08				
3				0.22	1.76			0.07				0.02
4					0.20		0.10	0.13				
5				0.43	0.10		0.04	0.29				
6			2.64		1.10	0.45		0.34				
7			0.22		1.72							
8			0.28		1.15				0.03			
9				0.02	0.41							
10				1.30								
11		0.88										
12							0.95					
13		0.10		0.26				0.79				
14		0.35			0.15	0.89		0.10				
15			0.02		1.47							
16		0.15		0.07								
17					0.65							
18												
19			1.29	0.13								
20		0.12			0.78							
21												
22					0.76							
23					0.18							
24					1.90							
25						0.65						
26						0.29						
27		1.03										
28						0.21						
29												
30				0.56								
31				0.19		0.02						
Totals	0.00	2.63	4.78	3.18	12.89	2.51	1.91	1.80	0.03	0.00	0.00	0.02
											Water Year Total:	29.75

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1071B Descanso Gardens

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-12-07

Longitude: 118-12-46

Elevation: 1325 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.10		0.02		1.66					
2					0.17		0.06	0.17				
3				0.49	2.60			0.20				
4				0.34	0.11		0.37	0.35				
5			0.11				0.08	2.42				
6			2.28		1.56	0.75		0.34				
7			0.21		0.32							
8			0.23		2.66							
9				0.73	0.40			0.08				
10		1.38		1.00								
11		0.30		0.02			0.55		0.12			
12		0.01					0.27	1.15	0.15			
13		0.35		0.16			0.06	1.31				
14					1.50	0.75		0.13				
15				0.04								
16				0.08		0.05			0.10			
17		0.02			0.48							
18			0.87									
19				0.38								
20		0.02			0.72							
21			0.03									
22					1.80							
23					3.48							
24					1.72							
25						2.40		0.10				
26		0.80				0.15		0.25				
27						0.13						0.41
28						0.70						
29				1.01								
30		0.46										
31				0.05								
Totals	0.00	3.34	3.83	4.30	17.54	4.93	3.05	6.50	0.37	0.00	0.00	0.41
												Water Year Total: 44.27

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1074 Little Gleason

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-22-43

Longitude: 118-08-57

Elevation: 5600 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.08		0.15		0.08					0.16
2				0.16	0.75		1.02	0.36				
3				0.47	0.55			0.51				
4					0.79		0.31	0.79				0.15
5			3.14	0.55	0.04	0.20	0.28	2.40				
6			3.31	0.32	1.73	0.67		0.16				
7			0.95		2.28	0.04	0.04					0.04
8					0.20	0.07						
9				3.07	0.55			0.03				
10		1.57		0.31								
11	0.15	0.08					0.35		0.04			
12								0.63	0.19			
13		0.87		0.24		0.24		0.67			0.25E	
14					1.77	0.39	0.32	0.99				
15		0.08		0.08		0.12	0.31					
16												
17					0.48							
18				0.15								
19				0.63								
20			0.23		0.04							
21				0.08	0.74							
22			0.08		2.05							
23			0.08		4.92							0.16
24					0.47							
25					0.20	1.22						
26		2.83			0.08	0.47		0.12				
27		0.71				0.44						0.04
28												
29				0.91		0.71						0.08
30		0.95										
31											0.08	
Totals	0.15	7.09	7.87	6.97	17.79	4.57	2.71	6.66	0.23	0.00	0.33	0.63
												Water Year Total: 55.00

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1076B Monte Cristo Ranger Station

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-19-42

Longitude: 118-07-20

Elevation: 3360 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.20		0.01		1.09					0.22
2					0.12		0.23	0.04				
3				0.15	1.29			0.27				
4				0.03	1.27		0.24	0.28	T			0.39
5				0.24			0.07	0.89				
6			3.37		T	0.69		1.17				
7			0.07		2.52	T	0.26					
8			0.28		2.54							
9			0.02	T	0.55							
10				1.52	T							
11	0.16	0.66		0.01								
12		0.02					0.34		0.11			
13		0.14		0.10				2.19	T		0.15	
14		0.16			T	0.84	0.20	0.24				
15					1.32	0.05	0.08					
16		0.01		0.07								
17					0.50							
18												
19			0.38	0.12								
20					0.54							
21			0.06									
22					1.11							
23					2.05							
24					6.05							
25						1.72						
26						0.03		0.03				
27		1.47				0.01						0.02
28						0.92						
29				0.39								
30				0.31								
31												
Totals	0.16	2.46	4.38	2.94	19.87	4.26	2.51	5.11	0.11	0.00	0.15	0.63
												Water Year Total: 42.58

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1077B Monrovia-Five Points

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-09-58

Longitude: 117-59-37

Elevation: 962 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.41				1.10					
2					0.02		0.06					
3				0.24	2.06			0.39				
4							0.06	0.14				
5				0.35		0.06	0.25	0.36				
6			1.95			0.68		2.35				
7			0.16		2.04							
8					2.91							
9				0.12	0.61							
10				1.78								
11		1.13		0.03					0.14			
12							0.47	0.14	0.32			
13		0.08		0.15			0.05	2.80	0.05			
14		0.56			0.88	0.62		0.16				
15					1.06	0.03						
16				0.05		0.07			0.04			
17					0.92	0.12			0.37			
18												
19			0.58	0.22								
20					0.63							
21			0.08									
22			0.08		1.55							
23					1.59							
24					4.75							
25						0.92						
26						1.65		0.17				
27		0.98				0.10						
28						0.79						
29				0.31		0.08						
30				0.42								
31												
Totals	0.00	2.75	3.26	3.67	19.02	5.12	1.99	6.51	0.92	0.00	0.00	0.00
										Water Year Total:		43.24

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1081B Glendale-Gregg

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-11-45

Longitude: 118-14-30

Elevation: 1350 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.16					
2	0.01				0.15		0.04	0.05E				T
3				0.62	2.54		T	0.16E				
4				0.34	0.08		0.33	0.29E				0.02
5			0.20		T		0.17	1.80E				T
6	0.03		2.16		1.51	0.71	0.03	0.15E				
7			0.19		0.35							
8			0.17		2.50					T		
9				0.94	0.46							
10		1.05		0.88				0.04E			T	
11		0.24					0.53		0.10			
12					T		0.07	0.92E	0.13			
13		0.36		0.14	T		0.05	1.12E				
14					1.28	0.81		0.05E				
15		T	T	0.10								
16				0.02		0.02			0.05			
17					0.43				0.07			
18			0.88									
19				0.34	0.06							
20		0.03			0.69							T
21			T									
22					2.05							
23					5.06							
24					1.02							
25						1.88		0.06E				
26		0.81				0.13		0.08E				
27		0.05				0.03						0.28
28						0.48						
29				1.21								
30		0.51										
31				0.05		1.89					0.05	
Totals	0.04	3.05	3.60	4.64	18.18	5.95	1.38	4.72	0.35	0.00	0.05	0.30
												Water Year Total: 42.26

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1087 Green-Verdugo Pumping Plant

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-15-25

Longitude: 118-20-11

Elevation: 1340 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.16		0.05		2.80					
2					0.13		0.25	0.12				
3				0.11	1.71			0.07				
4				T	0.96		0.80	0.16				0.54
5			T	0.37			0.80	1.80				
6			2.10T			0.73	0.03	0.92				
7			0.10		1.37							
8			0.13		2.11							
9					0.56							
10				1.35								
11		1.02		T					0.01			
12							0.45		0.12			
13		0.15		0.15				1.12				
14		0.12			0.33	0.65	0.11	0.11				
15					0.90							
16				0.80			T					
17					0.44				0.03			
18			0.12									
19				0.11								
20		0.02			0.69							
21												
22					1.21							
23					1.58							
24					2.60							
25						1.90						
26		0.95				0.77						
27												
28						0.25						0.17
29				0.71								
30		0.55										
31						0.10						
Totals	0.00	2.81	2.61	3.60	14.64	4.40	5.24	4.30	0.16	0.00	0.00	0.71
Water Year Total:												38.47

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1088B La Habra Heights-Mutual Water Co.

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-56-55

Longitude: 117-57-51

Elevation: 445 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.86				0.93					
2												
3					0.74		0.04					0.17
4					1.29							
5				0.93					0.01			
6						0.42	0.18					
7												
8			2.62						0.10			
9				0.15	3.91							
10												
11	0.22	0.39										
12				1.94								
13		0.10		0.12			0.51					
14		0.52										
15												
16				0.17		0.62						
17					2.87							
18												
19			1.10	0.17								
20		0.02			0.40							
21												
22			0.10									
23					2.20							
24					2.54							
25						0.61						
26		0.74				1.72						
27						0.10						
28												
29				0.54								
30						0.29						
31												
Totals	0.22	1.77	4.68	4.02	13.95	3.76	1.66	0.00	0.11	0.00	0.00	0.17
												Water Year Total: 30.34

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1095 Orange County Reservoir

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 33-56-07

Longitude: 117-52-58

Elevation: 660 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.78					0.03
2					0.02		0.05					0.19
3				0.09	1.59							
4				0.25	0.28		0.06	0.20				
5							0.16	0.45				
6			1.92		0.52	0.40		0.08				
7			0.66		0.23							
8			0.33		2.55							
9				1.19	0.35							
10		0.47		1.06								
11		0.06					0.25		0.05			
12								0.59				
13		0.68		0.10				1.48				
14		0.02			1.74	0.61						
15				0.02								
16				0.03					0.04			
17					0.55							
18			0.99									
19				0.20								
20					0.63							
21			0.02									
22					2.27							
23					1.22							
24					1.71							
25						1.88						
26		0.55				0.02						
27		0.24										
28						0.37						
29				0.53								
30		0.45										
31						0.05						
Totals	0.00	2.47	3.92	3.47	13.66	3.33	1.30	2.80	0.09	0.00	0.00	0.22
												Water Year Total: 31.26

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1107D La Tuna Debris Basin

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-14-13

Longitude: 118-19-37

Elevation: 1160 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.04		0.39					
2					0.08			0.20				
3				0.12	2.20							
4				0.23			0.08	0.87				0.39
5			1.50			0.32	0.08	1.92				
6			1.02		1.22	0.23		0.08				
7			0.04		1.85							
8					0.59							
9			0.04	1.11								
10		0.94		0.15								
11		0.04					0.31					
12								0.71	0.15			
13		0.24		0.08		0.28		1.03				
14					0.91	0.24	0.04					
15				0.08								
16					0.16							
17					0.15							
18			0.75		0.04							
19				0.12	0.56							
20												
21					0.03							
22					0.99					0.04		
23					3.15							
24					0.35	0.04						
25						2.87						
26		0.78										
27						0.04						0.16
28						0.23						
29				0.55								
30		0.63				0.04						
31				0.04		1.11						
Totals	0.00	2.63	3.35	2.48	12.32	5.40	0.90	4.81	0.15	0.04	0.00	0.55
												Water Year Total: 32.63

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1113 Dominguez Water Co.

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 33-49-54

Longitude: 118-13-30

Elevation: 30 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.04					
2					0.31		0.04					
3				0.16	2.84			0.04				
4				0.19			0.20	0.20				
5			0.23	0.04		0.08		0.16				
6			1.22		1.26	0.24						
7			0.08		1.46							
8					0.19							0.16
9				0.91								
10		0.12		0.35								
11		0.08					1.45					
12				0.08			0.04	0.47				
13		0.43		0.04		0.75		0.31				
14					1.85	0.07						
15				0.04								
16				0.04	0.20							
17					0.35							
18			0.87									
19		0.04		0.04	0.44							
20					0.04							
21			0.04		0.08							
22					0.59							
23					1.61							
24					0.51							
25						1.85						
26		0.67										
27												
28						0.32						
29				0.39								
30		0.75										
31				0.24		0.59						
Totals	0.00	2.09	2.44	2.52	11.73	3.90	1.77	1.18	0.00	0.00	0.00	0.16
												Water Year Total: 25.79

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1114B Whittier Narrows Dam

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-01-29

Longitude: 118-05-02

Elevation: 239 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.04				0.88					
2					0.01		0.02	0.01				0.01
3				0.21	1.53			0.01				
4				0.53	0.05		0.32	0.14				0.01
5				0.02			0.07	0.91				
6			2.51		1.41	0.30		1.13				
7			0.13		0.20							
8			0.13		2.70							
9				1.26	0.19							
10		0.35		1.19								
11		0.07					0.62		0.02			
12							0.05	1.08				
13		0.41		0.08				0.85				
14		0.02			2.12	0.58		0.01				
15				0.04								
16				0.04								
17					1.17							
18			1.12									
19			0.01	0.22								
20					0.65							
21			0.01									
22					1.71							
23					2.28							
24					1.62							
25						2.52						
26		0.66										
27		0.28										
28						0.26						
29				0.98								
30		0.82										
31				0.23		0.04						
Totals	0.00	2.61	3.95	4.80	15.64	3.70	1.96	4.14	0.02	0.00	0.00	0.02
Water Year Total:												36.84

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1115 San Antonio Dam

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-09-24

Longitude: 117-40-20

Elevation: 2120 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1			0.02				0.80					0.32	
2							0.05					1.20	
3				0.53	1.99								
4				0.52	0.19		0.19	0.05	0.09				
5							0.02	1.32					
6			2.62		1.52	0.78	0.29	1.19					
7			0.62		0.29		0.20						
8			0.51		2.77			0.03					
9				1.43	0.29			0.11					
10		1.17		2.06									
11		0.11					0.49		0.11				
12							0.09	0.81					
13		0.77		0.01			0.04	1.36					
14					1.80	0.22		1.68					
15					0.06								
16									0.06				
17					0.75	0.07			0.05				
18			0.02										
19				0.31									
20					0.68								
21			0.15										
22					2.12								
23					2.82								
24	0.01				2.66								
25						1.62		0.03					
26		1.07				0.02		0.07					
27		0.32				0.58							
28						1.16							
29				0.65									
30		0.30											
31						0.01							
Totals	0.01	3.74	3.94	5.51	17.94	4.46	2.17	6.65	0.31	0.00	0.00	1.52	
												Water Year Total:	46.25

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1126A Los Angeles-East Valley

Gage Type: 8.81 inch diameter (DPW)

Observation Time: 800

Latitude 34-12-30

Longitude: 118-24-35

Elevation: 780 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.11		1.04					
2					0.21		0.18	0.10				
3				0.08	1.27			0.03				
4				T	1.13		0.12	0.08				
5				0.17			0.10	0.88				
6					T	0.55		1.30				
7					1.86			T	T			
8					1.76			0.07				
9				0.03	0.36				T			
10				0.91								
11									0.12			
12							0.62	T	0.07			
13				0.13	T			1.32				
14						0.62	0.07	0.33				
15					1.18							
16				0.06					T			
17					0.40	T			T			
18												
19					T							
20					0.62							
21												
22					1.16							
23					0.58							
24					2.81							
25					0.05	1.09						
26						1.88						
27						T						
28						0.14						0.07
29				0.20		T						
30				0.57								
31						T						
Totals	0.00	0.00	0.00	2.15	13.50	4.28	2.13	4.11	0.19	0.00	0.00	0.07
											Water Year Total:	26.43

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1128 Wrightwood Fire Department

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-21-34

Longitude: 117-37-57

Elevation: 5960 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.10									
2												
3							0.30					
4					0.10							
5			0.20									
6			3.30	0.10	2.00							
7			0.50		1.90							
8					0.40							
9				1.10								
10		0.40		0.30								
11					0.10							
12												
13		0.10			0.20							
14					1.30	0.10						
15												
16												
17												
18												
19					0.20							
20					0.10							
21												
22					1.70							
23					3.70							
24					0.70							
25						0.90						
26		1.20										
27					0.30	0.30						
28						0.60						
29												
30		0.20										
31						0.30						
Totals	0.00	1.90	4.10	1.50	12.70	2.20	0.30	0.00	0.00	0.00	0.00	0.00
											Water Year Total:	22.70

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1129B Nicholas Canyon

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-02-52

Longitude: 118-54-57

Elevation: 340 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.48					
2								0.14				0.06
3					2.09		0.08	0.21				
4					0.01		0.11	0.10				0.10
5			1.91				0.05	0.54				0.02
6			3.11		1.18	0.45		0.08				0.01
7			0.22		0.17							
8					1.21							
9					0.53							
10												
11		0.46			0.02		0.70					
12							0.18	0.46				
13		0.37						0.25				
14					2.10	0.17						
15		0.31	0.02		0.01					0.06		
16		0.01				0.02						
17					1.20							
18			1.18									
19					0.12							
20					0.51							
21												
22					1.20							
23					2.16							
24					0.21					0.01		
25						2.06						
26		0.40				0.36						
27												
28						0.12						
29												
30		0.37										
31						0.45						
Totals	0.00	1.92	6.44	0.00	12.72	3.63	1.60	1.78	0.00	0.07	0.00	0.19
												Water Year Total: 28.35

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1152 Clear Creek Ranger Station

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-16-15

Longitude: 118-09-11

Elevation: 3625 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.41		0.05		0.80					
2					0.15							
3					0.83			1.00				0.13
4				0.38	2.20			1.00				
5			2.50	0.44			0.40	1.10				
6						1.03		2.08				
7	0.09		0.12		1.79							
8			0.30		3.15							
9					0.58							
10		1.50		2.10								
11				0.07					0.10			
12							0.68		0.27			
13		0.10		0.12				3.45				
14		0.30				0.68		0.66				
15				0.11	1.91							
16		0.04										
17					0.70							
18												
19			0.56	0.30								
20					0.70							
21												
22					1.58							
23					3.10							
24					7.10							
25					0.06	0.80						
26		1.36				1.28		0.15				
27												0.10
28												
29				0.90								
30												
31												
Totals	0.09	3.30	3.89	4.42	23.90	3.79	1.88	9.44	0.37	0.00	0.00	0.23
												Water Year Total: 51.31

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1158 Torrance Municipal Airport

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-47-59

Longitude: 118-20-08

Elevation: 102 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.78					
2					1.02		0.13	0.01				
3				0.08	2.53							
4				0.26	0.43		0.05	0.11				
5			0.04				T	0.67				
6			2.40		0.91	0.46		0.10				
7			0.40		0.19							
8			0.09		1.46							
9				0.77	0.20							
10		0.11		0.61								
11		0.65		0.12			0.68					
12							0.11	0.29				
13		0.53		0.15				0.58				
14					1.61	0.96	0.08	T				
15		0.02		0.04	0.06							
16		0.09										
17					0.74							
18			1.76									
19				0.15	0.20							
20					0.63							
21			T									
22					0.69							
23					1.00							
24					1.41							
25						1.24						
26		0.71				0.05						
27		0.57										T
28						0.62						T
29				0.61								T
30		0.17										T
31				0.25		0.08						
Totals	0.00	2.85	4.69	3.04	13.08	3.41	1.83	1.76	0.00	0.00	0.00	0.00
Water Year Total:												30.66

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1166B Mile High Ranch

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-24-40

Longitude: 117-46-15

Elevation: 5280 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3					1.71							
4												
5								0.26				
6			3.76		2.00			0.71				
7					0.23			0.31				
8					1.51							
9					0.09							
10				0.65								
11							0.33				0.53	
12												
13								1.26				
14												
15						1.39						
16												
17												
18												
19												
20					0.33							
21												
22					0.93							
23					2.04							
24					2.87							
25						1.84						
26		0.85										
27												
28						0.34						
29			0.20	0.18								
30												
31						0.95					1.34	
Totals	0.00	0.85	3.96	0.83	11.71	4.52	0.33	2.54	0.00	0.00	1.87	0.00
											Water Year Total:	26.61

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1169B Piru-Temescal Guard Station

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-28-22

Longitude: 118-45-21

Elevation: 1150 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1			0.95		0.05		0.60						
2					1.81		0.12	0.19					
3				0.02	1.93			0.27				0.18	
4				T	1.13		0.21	0.19				0.04	
5				0.50			0.40	0.60				0.16	
6			5.25			0.75	0.19	1.89				0.02	
7			0.25		2.06		0.02	0.27					
8			0.17		2.69								
9				T	0.50								
10		0.06		1.33									
11		0.74		0.03									
12		0.08					0.69	0.04					
13		0.10		0.04				1.36	0.02				
14		0.27			0.05	0.64		0.04					
15		0.04	0.05		1.82		0.32						
16		0.13		0.18			0.69						
17					1.30				0.02E				
18													
19			0.79	0.40									
20					0.76								
21													
22					3.03								
23					1.76								
24					3.07								
25						1.70							
26		T				0.85							
27		0.95											
28						0.47							
29				0.75		0.20							
30		0.12		0.03									
31				T									
Totals	0.00	2.49	7.46	3.28	21.96	4.61	3.24	4.85	0.04	0.00	0.00	0.40	
												Water Year Total:	48.33

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1170B Thousand Oaks Weather Station

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-10-44

Longitude: 118-51-01

Elevation: 805 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.46		0.13		0.82					
2					0.94			0.05				
3					2.87			0.21				0.26
4				0.03	0.83		0.12	0.11				0.03
5				0.30			0.18	0.44				0.07
6			5.52		0.35	0.29		0.66				
7			0.60		2.18			0.03				
8					2.69							
9				0.07	0.78							
10		0.06		2.54	0.04							
11		0.36					0.03					
12		0.01					0.63	0.04				
13		0.18		0.28			0.03	0.85				
14		0.09			0.47	0.26						
15			0.04		1.38							
16		0.21		0.27								
17					0.65	0.02						
18			0.11									
19			1.47	0.24								
20		0.02			0.67							
21												
22					0.89							
23					1.22							
24					2.90							
25						1.05						
26		0.90				0.52						
27		0.53										
28						0.33						
29				0.70								
30		0.22		0.04								
31				0.02								
Totals	0.00	2.58	8.20	4.49	18.99	2.47	1.81	2.39	0.00	0.00	0.00	0.36
Water Year Total:												41.29

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1171B Camulos Ranch

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-24-22

Longitude: 118-45-21

Elevation: 725 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.90		0.50		0.84					
2					1.00		0.05	0.06				
3					1.33			0.17				0.07
4					1.30		0.11	0.09				0.08
5				0.48			0.37	0.63				
6			5.60		0.15E	0.63	0.04	0.88				
7			0.23		1.95		0.23					
8			0.18		2.53			0.01E				
9				0.03	0.58							
10		0.13		1.90								
11		0.36										
12		0.01					0.62	0.02E				
13		0.13		0.14				1.13				
14		0.27			0.10	1.51						
15			0.09		1.35							
16		0.24		0.06		0.03						
17					0.76							
18			0.04									
19			1.46	0.14								
20		0.01			0.68							
21												
22					1.97							
23					1.46							
24					2.57							
25						1.15						
26		0.40				0.55						
27		1.10										0.01E
28						0.55E						
29				0.48		0.06E						
30		0.08		0.14								
31												
Totals	0.00	2.73	8.50	3.37	18.23	4.48	2.26	2.99	0.00	0.00	0.00	0.16
												Water Year Total: 42.72

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1172B Piru Canyon Above Piru Lake

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-30-48

Longitude: 118-45-24

Elevation: 1120 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.86		0.07		0.79					
2					2.64		0.01	0.19				
3				0.09	2.50			0.37				0.10
4					0.61		0.11	0.08				0.04
5				0.48			0.20	1.79				0.11
6			5.78		0.17	0.46	0.01	1.23				
7			0.23		1.77	0.01	0.03					
8			0.11		3.30							
9				0.08	0.42							
10		0.18		1.45								
11		0.57					0.02					
12		0.02					0.89	0.05				
13		0.23		0.04				1.25	0.01			
14		0.16			0.18	0.54	0.01	0.08				
15			0.04		1.51		0.23					
16		0.09		0.15								
17		0.01			1.51				0.01			
18			0.04									
19			0.71	0.30								
20					0.60							
21												
22					2.08							
23					2.39							
24					2.70							
25						2.68						
26		0.59				0.39						
27		0.19				0.02						
28						0.36						
29				1.14		0.16						
30		0.23										
31												
Totals	0.00	2.27	7.77	3.73	22.45	4.62	2.30	5.04	0.02	0.00	0.00	0.25
												Water Year Total: 48.45

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1173B Tapo Canyon

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-19-54

Longitude: 118-42-39

Elevation: 1525 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.66		0.12		0.63					
2					0.83		0.05	0.15				
3					2.18			0.12				0.11
4				0.04	0.87		0.28	0.20				0.07
5				0.29	0.05		0.41	1.20				0.01
6			4.22		0.19	0.70		0.93				
7			0.37		2.30							
8			0.11		2.11							
9		0.05	0.02	0.13	0.76							
10		0.18		1.47	0.08							
11		0.66			0.02							
12							0.60			T		
13		0.13		0.26				1.15				
14		0.13			0.17	0.76						
15			0.04	0.02	1.58							
16		0.13		0.46		0.03						
17					0.59							
18												
19			0.88	0.24								
20		0.03			0.80							
21					0.03							
22					2.00							
23					0.69							
24					2.40							
25					0.12	1.72						
26		0.58			0.02	0.59						
27		0.64										
28						0.51						
29				0.61								
30		0.24		0.03								
31												
Totals	0.00	2.77	6.30	3.55	17.91	4.31	1.97	3.75	0.00	0.00	0.00	0.19
												Water Year Total: 40.75

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1177B Bard Reservoir

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-14-32

Longitude: 118-49-41

Elevation: 1010 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.57		0.10		0.62					
2					0.88		0.05	0.12				
3				0.03	1.86			0.17				0.28
4				0.02	0.62		0.08	0.15				0.02
5				0.24			0.09	0.53				0.12
6			3.96		0.20	0.46		0.44				
7			0.52		2.37			0.16				
8			0.14		1.60							
9				0.08	0.65							
10				1.64								
11		0.26										
12							0.39		0.01			
13		0.18		0.42				1.05				
14		0.12			1.98	0.46						
15			0.03	0.03	0.03							
16		0.26		0.27								
17					0.55							
18			0.12									
19			0.98	0.25								
20		0.03			0.69							
21												
22					1.00							
23					0.71							
24					2.03							
25						0.97						
26		0.98				0.62						
27		0.36										
28						0.31						
29				0.63								
30		0.45										
31												
Totals	0.00	2.64	6.32	3.61	15.27	2.82	1.23	2.62	0.01	0.00	0.00	0.42
Water Year Total:												34.94

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1191 Bear Divide

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-21-35

Longitude: 118-23-37

Elevation: 2700 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.29				3.10					
2					0.75		0.46					
3				0.18	1.51							
4				0.02	1.23		0.56					1.22
5				0.69			0.56					0.05
6	0.04		4.19			1.03						
7	0.01		0.04									
8			0.49									
9					4.80							
10		2.00		1.65								
11				0.03					0.29			
12									0.22			
13		0.15		0.26								
14		0.30			1.61	0.64	1.14					
15			0.03		0.08							
16				0.07					0.02			
17					0.88				0.07			
18												
19			0.67		0.94							
20				0.70								
21			0.06									
22					1.84							
23					2.46							
24					4.28							
25						1.95						
26		1.24				1.72						
27												0.16
28						0.96						
29				0.63								
30		0.75										
31												
Totals	0.05	4.44	5.77	4.23	20.38	6.30	5.82	0.00	0.60	0.00	0.00	1.43
												Water Year Total: 49.02

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1194 Santa Ynez Reservoir

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-04-23

Longitude: 118-33-59

Elevation: 735 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.10					
2					1.18			0.19				
3				0.05	2.12			0.10				
4					0.65		0.08	0.12				
5				0.13			0.01	0.05				
6						0.42		0.10				
7					2.60		0.05	1.70				
8					2.00							
9					0.61							
10				2.00				T				
11				T					0.08			
12								0.25				
13				0.11		0.48		2.01				
14					1.50							
15				T	1.14							
16				0.10					0.10			
17					1.18							
18				0.41								
19												
20					0.90							
21												
22					2.80							
23					0.77							
24					2.54							
25						1.20						
26						2.30						
27						0.50						
28						0.13						
29				1.66								
30				0.02								
31				0.10		0.03						
Totals	0.00	0.00	0.00	4.58	19.99	5.06	0.24	4.52	0.18	0.00	0.00	0.00
	Water Year Total: 34.57											

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1195 Chino Fire Station No.2

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 33-59-00

Longitude: 117-43-20

Elevation: 655 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.01				0.35					
2												
3				0.18	1.67		0.05	0.08				
4				0.45	0.04		0.05	0.34				
5			0.06			0.24		0.65				
6	0.01		2.96		1.33	0.42		0.39				
7			0.30		2.71							
8			0.09		0.43			0.01	0.02			
9												
10	0.08	0.39	0.01		0.02							
11	0.01	0.01	1.27				0.24					
12			0.25				0.02	1.24	0.01			
13		0.91				0.69	0.03	1.29				
14				0.01	2.01	0.26						
15												
16				0.01	0.10							
17					0.42							
18												
19				0.22	0.67							
20		0.02			0.09							
21			0.21		0.06							
22					2.70							
23					3.17							
24					0.62							
25						1.25		0.01				
26		0.61										
27		0.03				0.16						0.01
28						0.53						
29				0.56								
30		0.35										
31						0.59					0.06	
Totals	0.10	2.32	5.16	1.43	16.04	4.14	0.74	4.01	0.03	0.00	0.06	0.01
												Water Year Total: 34.04

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1196 Montclair Fire Department

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-03-41

Longitude: 117-41-16

Elevation: 965 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.32				1.75					
2				T	T							
3												
4				0.23T	1.61		0.48	0.20				0.08
5				0.46			0.20	0.55				
6			1.45			0.50		0.65				
7	0.48		0.55		1.25	0.40	0.50	0.22				
8			0.16		2.00			T				
9					0.28							
10		0.80		3.15								
11												
12					0.01		0.43	T				
13		0.60		0.05				1.15				
14							0.46	0.85				
15					1.43	0.40						
16												
17					0.65	0.10			0.02			
18												
19			0.11									
20					0.60							
21			0.12									
22					0.97							
23					1.10							
24					2.70							
25						T						
26						1.22						
27		0.90				T						
28						0.65						
29						T						
30		0.32		0.53		0.05						
31											0.15	
Totals	0.48	2.62	2.71	4.42	12.60	3.32	3.82	3.62	0.02	0.00	0.15	0.08
											Water Year Total:	33.84

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1198 Phelan Fire Control

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-25-30

Longitude: 117-34-00

Elevation: 4160 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					T							
3					1.90							
4												0.10
5			2.10									
6			0.03									
7			T		1.50							
8												
9												
10		0.04										
11												
12		0.05								T		
13		0.02						0.71				
14					0.44							
15					0.45							
16												
17												
18												
19												
20				0.01	0.16							
21			0.05									
22					0.43							
23					2.80							
24												
25												
26		0.15										
27												
28						0.30						
29						0.05						
30				T								
31												
Totals	0.00	0.26	2.18	0.01	7.68	0.35	0.00	0.71	0.00	0.00	0.00	0.10
												Water Year Total: 11.29

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1212 Lancaster FSS/FAA

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-44-00

Longitude: 118-13-00

Elevation: 2340 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					T		0.03					
2					0.26			T				0.03
3					1.26		0.05					
4				0.10				0.28				0.70
5			1.00			T		0.35				
6	T		1.20		1.00	T						T
7					0.70							
8					0.10							
9				0.40								
10	T	0.33E		0.20								
11											0.02	
12				T	0.14			0.15				
13		0.09E				0.10	0.22	0.16				
14			T		0.10	0.50	0.04					
15		0.03E		0.02								
16					0.04							
17					0.16							
18			0.05	T								
19				0.05	0.26							
20					T							
21												
22					0.30T							
23					1.91		T					
24					T							
25						1.04		T				
26		0.37E				T						
27						0.30						
28						0.45						
29				0.18								
30		0.24E										
31						0.46					0.14	
Totals	0.00	1.06	2.25	0.95	6.23	2.85	0.34	0.94	0.00	0.00	0.16	0.73
											Water Year Total:	15.51

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1216 Rancho Palos Verdes

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-45-10

Longitude: 118-23-32

Elevation: 780 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.36		0.84	0.10				
2				0.10	1.85							
3					1.80							0.10
4				0.56			0.06	0.40				
5			1.52					0.40				0.04
6			0.43		0.51				0.10			
7			0.36		1.16							
8				0.07	0.41							
9				0.96								
10				0.08					0.03			
11		0.44					0.60					
12		0.19		0.26				0.80				
13				0.06	0.13	1.20	0.04	0.02				
14				0.08	1.17							
15		0.79		0.24					0.04			
16		0.09		0.06	0.90							
17			0.05	0.10								
18			0.96									
19					0.77							
20												
21					0.48							
22					0.37							
23					1.88							
24						0.50						
25						0.57						
26		0.45										0.20
27						0.34						
28				0.56								
29				0.09								
30		0.11				0.05						
31												
Totals	0.00	2.07	3.32	3.22	11.79	2.66	1.54	1.72	0.17	0.00	0.00	0.34
											Water Year Total:	26.83

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1217 Los Angeles Country Club

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 34-04-10

Longitude: 118-25-17

Elevation: 380 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.03		0.08					
2				0.40	0.75			0.05				
3				0.06	2.31		0.06	0.05				0.03
4				0.24			0.19	0.25				
5						0.22		0.63				
6			2.94		2.30			0.93				
7			0.14		2.00							
8			0.25	0.03	0.71							
9				1.57								
10		0.76										
11				0.01			0.70					
12				0.25				1.34	0.06			
13		0.50				0.47		0.49				
14				0.10	2.46							
15		0.03			0.75							
16												
17			0.04									
18			1.50	0.27	0.74							
19		0.02										
20												
21					2.63							
22					0.81							
23					3.16							
24						1.84						
25												
26		0.96				1.57						
27												
28				0.69		0.31						
29		0.09		0.81								
30												
31				0.02		0.86						
Totals	0.00	2.36	4.87	4.45	18.65	5.27	1.03	3.74	0.06	0.00	0.00	0.03
											Water Year Total:	40.46

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1222 Northridge-Garland

Gage Type: 8.81 inch diameter (DPW)

Observation Time: 800

Latitude 34-14-17

Longitude: 118-30-59

Elevation: 911 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.04				0.57					
2				0.07	0.81							
3					2.78		0.02	0.28				0.22
4				0.43			0.07	0.15				0.03
5							0.09	2.00				
6			3.88		1.75	0.64		0.22				
7			0.04		0.28			0.06				
8			0.16		2.25							
9				0.56	0.58							
10		1.40		0.58								
11		0.01					0.42		0.07			
12								1.00	0.12			
13		0.39		0.17			0.02	0.95				
14					1.83	0.69		0.05				
15		0.07										
16				0.18					0.01			
17					0.67							
18			0.92									
19		0.02		0.17	0.07							
20					0.87							
21												
22					1.50							
23					1.97							
24					0.48							
25						2.43						
26		0.50										
27		0.04										0.04
28						0.16						
29				0.70								
30		0.98										
31				0.10		0.21						
Totals	0.00	3.41	5.04	2.96	15.84	4.13	1.19	4.71	0.20	0.00	0.00	0.29
Water Year Total:												37.77

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1223 Woodland Hills-Sherman

Gage Type: 8.81 inch diameter (DPW)

Observation Time: 800

Latitude 34-10-06

Longitude: 118-38-57

Elevation: 1035 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.14				0.67					T
2					0.92			0.14				0.11
3				0.05	3.91			0.03				0.03
4				0.57	0.18		0.22	0.11				0.07
5			1.29				T	1.78				
6			3.81		2.90	0.45		0.12				
7			0.08		0.26							
8			0.01		1.90							
9				0.43	0.53							
10		0.68		0.63								
11					T		0.85		T			
12					0.01		0.15		0.12			
13		0.38		0.12	0.01	T	0.04					
14					1.71	0.50						
15		0.04	0.02	0.10	T							
16		0.02		0.16		T						
17					0.79							
18			0.84									
19		0.01		0.10	0.07							
20		0.01			0.53							
21												
22					1.44							
23					3.52			0.67				
24					0.53			1.13				
25						1.83						
26		0.56				0.10						
27		0.04										
28						0.23						
29				0.65								
30		1.05										
31				0.09		0.10						
Totals	0.00	2.79	6.19	2.90	19.21	3.21	1.93	3.98	0.12	0.00	0.00	0.21
												Water Year Total: 40.54

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1239 Malibu-Big Rock Mesa

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-02-34

Longitude: 118-37-16

Elevation: 725 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1					0.19		0.08					
2					1.07			0.20				
3				0.08	2.75		0.04	0.08				
4				0.31			0.20	1.02				0.04
5			2.29			0.16		0.47				
6			1.65		2.05	0.16		0.24				0.04
7			0.16		1.38							
8			0.04		0.63							
9				1.46								
10		0.55		0.08								
11							0.90					
12								0.95				
13		0.32		0.19		0.31		0.59				
14					2.75	0.08						
15		0.07		0.04								
16					0.36				0.15			
17					0.98							
18			1.81	0.08								
19				0.08	0.79							
20												
21					0.39							
22					1.30					0.32		
23					1.93							
24					0.43							
25						3.15						
26		0.52										
27												
28						0.16						
29				1.38		0.04						
30		1.53										
31				0.08		0.47						
Totals	0.00	2.99	5.95	3.78	17.00	4.53	1.22	3.55	0.15	0.32	0.00	0.08
											Water Year Total:	39.57

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1240 Pearblossom-Calif.D.W.R. Booster Sta.

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-30-32

Longitude: 117-55-15

Elevation: 3050 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.15				0.56					0.44
2					0.01							
3				0.02	0.76							0.14
4					0.23		0.01					0.07
5				0.25				0.20				0.05
6			1.89			0.07		0.09				
7			0.27		0.73		0.04					
8					0.60							1.10
9					0.03							
10		0.15		0.43								
11		0.08										
12												
13		0.06						0.65				
14						0.76		0.09				
15					0.24	0.22	0.02					
16												
17					0.15							
18												
19			0.05									
20					0.20							
21			0.19									
22					0.27							
23					0.26							
24					2.28							
25					0.01	0.02						
26		0.28				0.82						
27		0.07				0.01						
28						0.26				0.03		
29						0.23						
30				0.30		0.02						
31												
Totals	0.00	0.64	2.55	1.00	5.77	2.41	0.63	1.03	0.00	0.03	0.00	1.80
												Water Year Total: 15.86

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1242 Rocky Buttes

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-39-00

Longitude: 117-51-48

Elevation: 2540 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1								0.04				
2					0.04							0.16
3					0.68							
4				0.12								0.40
5			0.24	0.04				0.14E				
6			1.44		0.48							
7					0.40							0.12
8					0.12							
9				0.28								
10	0.08	0.04		0.16								
11												
12								0.14E				
13		0.08				0.04	0.20	0.07E				
14					0.16	0.64						
15												
16												
17					0.04							
18			0.04									
19					0.20							
20												
21			0.08									
22					0.72							
23					1.68							
24					0.08							
25						0.80						
26		0.24										
27												
28						0.36						
29				0.28		0.28						
30		0.12										
31						0.24						
Totals	0.08	0.48	1.80	0.88	4.60	2.36	0.20	0.39	0.00	0.00	0.00	0.68
Water Year Total:												11.47

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1243 Redman

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-45-52

Longitude: 117-55-30

Elevation: 2360 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1								0.06E				
2					0.04							0.08
3					0.68							
4						0.04						0.64
5			0.34E					0.06E				
6			1.29E		0.44							0.08
7					0.52							
8					0.12							
9				0.20								
10	0.28	0.10E		0.12								
11							0.12					
12								0.21E				
13		0.08E				0.16		0.03E				
14					0.20	0.64						
15												
16												
17					0.08							
18			0.02E									
19					0.28							
20												
21			0.02E									
22					0.64							
23					1.68							
24												
25												
26		0.21E										
27												
28												
29				0.08								
30		0.13E										
31												
Totals	0.28	0.52	1.67	0.40	4.68	0.84	0.12	0.36	0.00	0.00	0.00	0.80
												Water Year Total: 9.67

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1247 North Lancaster

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-45-41

Longitude: 118-07-30

Elevation: 2310 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1								0.06E				
2							0.04					
3							0.04					
4				0.16								0.40
5			0.48E					0.18E				
6			1.32E			0.06E		0.03E				
7				0.04								
8												
9												
10	0.04	0.32										
11												
12								0.35E				
13		0.08				0.04		0.10E				
14					0.12	0.36						
15		0.04										
16					0.04	0.04						
17					0.04							
18			0.04E		0.04							
19					0.26E							
20												
21			0.01E									
22					0.47E							
23					1.63E							
24					0.06E							
25		0.36				0.84						
26												
27						0.12						
28						0.16						
29												
30		0.22										
31						0.36						
Totals	0.04	1.02	1.85	0.20	2.66	1.98	0.08	0.72	0.00	0.00	0.00	0.40
												Water Year Total: 8.95

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1249 Relay

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-45-43

Longitude: 117-47-55

Elevation: 3140 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1								0.06E				
2					0.03E							0.04
3					0.50E							
4				0.16								0.76
5			0.16					0.05E				
6			1.24		0.33E	0.04						
7					0.35E							0.24
8					0.09E							
9				0.20								
10	0.44	0.04		0.12	0.04							
11							0.08	0.16E			0.08	
12								0.02E				
13		0.08										
14					0.20	0.68						
15												
16												
17					0.08							
18												
19					0.28							
20												
21												
22					0.64							
23					1.64							
24												
25												
26		0.20										
27												
28												
29				0.14E								
30		0.12										
31												
Totals	0.44	0.44	1.40	0.62	4.18	0.72	0.08	0.29	0.00	0.00	0.08	1.04
												Water Year Total: 9.29

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1250 Avek

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-32-21

Longitude: 117-55-23

Elevation: 2825 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.06E				0.38E					0.41E
2												
3					0.80							0.08E
4				0.12								0.16E
5			0.08E									0.02E
6			1.69E		0.52		0.04					
7			0.07E		0.44							
8					0.04							0.36E
9				0.28								
10		0.05E		0.12								
11												
12								0.44				
13		0.08E						0.20				
14					0.28	0.71E						
15						0.06E						
16												
17					0.12							
18			0.08									
19					0.24							
20												
21			0.12									
22					0.36							
23					1.84							
24					0.32							
25							0.76E					
26		0.27E										
27		0.03E										
28							0.27E					
29				0.24			0.19E					
30		0.06E										
31												
Totals	0.00	0.49	2.10	0.76	4.96	1.99	0.42	0.64	0.00	0.00	0.00	1.03
												Water Year Total: 12.39

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1252 Palos Verdes Landfill

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 33-45-40

Longitude: 118-20-03

Elevation: 400 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.20					
2				0.03	0.75							
3				A	2.90		0.10	0.10				0.01
4				0.40A				0.42				
5			2.60			0.55	0.03	0.50				
6			A		1.10							
7			0.65A		A							
8					2.08A							
9				1.35								
10		1.06		0.10			0.85					
11								0.08				
12		0.02		0.02				0.73				
13		0.52				1.50	0.04	0.14				
14					A							
15		0.06		0.10	2.00A							
16					1.00							
17				A								
18			1.80	0.06A								
19		0.01			0.85							
20												
21												
22					0.78							
23					2.50							
24						0.90						
25						0.60						
26		1.02										
27						0.81						
28				0.30		0.30						
29				0.49								
30		0.10										
31				0.99		0.95						
Totals	0.00	2.79	5.05	3.84	13.96	5.61	1.22	1.97	0.00	0.00	0.00	0.01
												Water Year Total: 34.45

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1254 Long Beach Reclamation Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 33-48-11

Longitude: 118-05-20

Elevation: 20 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2			0.97		0.10		0.76					
3					0.02		0.02					
4				0.06	0.23							
5				0.07	1.49			0.07				
6				0.14			0.03					
7			2.02			0.33						
8			0.45		0.96							
9			0.10		1.55							
10					0.26							
11				0.95								
12		0.06		0.03								
13												
14		0.03		0.12								
15		1.60				0.65						
16					2.10							
17				0.09								
18					1.30							
19												
20			1.40	0.09								
21					0.75							
22			0.01									
23					0.88							
24					0.52							
25					1.96	0.63						
26												
27						1.83						
28		0.66										
29						0.25						
30						0.05						
31												
Totals	0.00	2.35	4.95	1.55	12.12	3.74	0.81	0.07	0.00	0.00	0.00	0.00
												Water Year Total: 25.59

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1255 Los Coyotes Reclamation Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 33-53-05

Longitude: 118-06-24

Elevation: 70 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.61		0.08		1.18					
2					0.03		0.09					
3				0.13	0.30							
4				0.05	1.39		0.02	0.17				
5				0.27			0.16					
6			1.68			0.48						
7			0.29		1.28							
8			0.31		1.91							
9				0.05	0.39							
10				1.90								
11		0.11		0.06								
12												
13		0.03		0.07								
14		0.59				0.90						
15					2.67							
16						0.01						
17					0.83							
18												
19			1.15									
20					0.70							
21			0.12									
22					1.32							
23					0.29							
24					2.51							
25						0.41						
26						1.83						
27		0.75										
28						0.33						
29												
30												
31												
Totals	0.00	1.48	4.16	2.53	13.70	3.96	1.45	0.17	0.00	0.00	0.00	0.00
											Water Year Total:	27.45

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1256 South Gate Transfer Station

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 33-56-40

Longitude: 118-09-56

Elevation: 100 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.08					
2				0.09	0.20							
3				0.27	1.73			0.36				
4				0.27			0.04	0.09				
5			1.24			0.38	0.34	0.68				
6			0.25		1.70							
7			0.25		0.95							
8				T	0.95							
9				1.70								
10		0.36		0.07			0.87					
11								0.02				
12				0.05				0.84				
13		0.38				0.69		0.13				
14					1.20							
15		0.04		0.09	1.20							
16					0.70							
17				0.09	0.08							
18			0.98	0.09	0.75							
19												
20												
21			0.02									
22					1.73							
23					2.25							
24						0.44						
25						2.15						
26		0.59										
27						0.37						
28						0.03						
29				0.40								
30		0.20										
31				0.50		0.88						
Totals	0.00	1.57	2.74	3.62	13.44	4.94	1.33	2.12	0.00	0.00	0.00	0.00
											Water Year Total:	29.76

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1257 San Jose Creek Reclamation Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-01-55

Longitude: 118-01-16

Elevation: 275 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.70		0.05		1.01					
2					0.03		0.05					
3				0.25	0.34			0.01				
4				0.12	1.33		0.07	0.12				
5				0.54			0.27	0.78E				
6			1.96			0.38		0.90E				
7			0.16E		1.66							
8			0.10E	0.14	2.62							
9					0.30							
10				2.58								
11		0.69		0.16			0.49E					
12				0.02			0.06E	0.94E				
13		0.13		0.05				0.65E				
14		0.19				0.92		0.03E				
15					1.90							
16				0.07								
17					0.96							
18			0.97E	0.22								
19												
20					0.56							
21			0.04E									
22					1.49							
23					0.77							
24					3.34							
25						0.64						
26						1.71						
27		0.94										
28						0.37						
29				0.32								
30				0.49								
31												
Totals	0.00	1.95	3.93	4.96	15.35	4.02	1.95	3.43	0.00	0.00	0.00	0.00
											Water Year Total:	35.59

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1258 **Puente Hills Landfill**

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-01-35

Longitude: 118-01-49

Elevation: 300 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.03					
2				0.27	0.25							0.11
3				A	1.35		0.10	0.19				0.01
4				0.73A				0.05				
5			1.59			0.38	0.36	0.76				
6	0.02		A		1.64							
7			0.41A		A							
8				0.11	2.80A							
9				2.76								
10		0.76		0.11			0.67					
11								0.03	0.06			
12		0.06		0.08				1.27				
13		0.23				0.94		0.32				
14					A							
15		0.02		0.08	1.83A				0.01			
16					1.02	0.02						
17				A								
18			1.04	0.22A								
19		0.02			0.60							
20												
21			0.02									
22					2.14							
23					3.35							
24						0.47						
25						1.90						
26		0.96				0.07						
27						0.35						
28				0.24								
29				0.35								
30		0.73										
31				0.06		1.05						
Totals	0.02	2.78	3.06	5.01	14.98	5.18	1.16	2.62	0.07	0.00	0.00	0.12
											Water Year Total:	35.00

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1259 Whittier Narrows Reclamation Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-03-59

Longitude: 118-03-54

Elevation: 225 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.90		0.12		0.93					
2					0.02		0.06					
3				0.22	0.23			0.03				
4				0.02	1.33		0.06	0.13				
5			2.20	0.46			0.32	0.76E				
6					1.52	0.35		1.95E				
7			0.19									
8			0.16			2.72						
9				0.06	0.20							
10				2.15								
11		0.45		0.04			0.39E					
12							0.15E	0.94E	0.17E			
13		0.05		0.07				0.91E				
14		0.32				0.72		0.04E				
15					1.98							
16				0.08					0.02E			
17					0.84							
18												
19			1.01	0.22								
20					0.58							
21			0.02									
22					1.42							
23					0.64							
24					3.13							
25						0.45						
26						1.78						
27		0.74										
28						0.37						
29				0.32		0.02						
30				0.55								
31												
Totals	0.00	1.56	4.48	4.19	14.73	3.69	1.91	4.76	0.19	0.00	0.00	0.00
											Water Year Total:	35.51

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1260 Spadra Landfill

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-02-36

Longitude: 117-49-50

Elevation: 700 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.14					
2				0.18	0.25							1.60
3				A	1.64		0.15	0.33				
4				1.17A				0.27				
5			1.69			0.45	0.05	1.11				
6			A		1.73							
7			0.88A		A							
8				0.05	3.11A							
9				3.72								
10		0.40		0.09			0.34					
11		0.03						0.09	0.09			
12				0.04				1.56				
13		0.50			0.01	0.68	0.03	0.31				
14					A							
15				0.04	1.80A				0.02			
16					0.59	0.04						
17				A								
18			0.63	0.32A								
19					0.58							
20												
21			0.16									
22					2.77							
23					2.95							
24						0.20						
25						1.40						
26		1.22				0.03						
27						0.36						
28				0.17		0.11						
29				0.36								
30		0.42										
31				0.02		0.76					0.05	
Totals	0.00	2.57	3.36	6.16	15.43	4.03	0.71	3.67	0.11	0.00	0.05	1.60
												Water Year Total: 37.69

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1261 La Canada Reclamation Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-13-00

Longitude: 118-11-14

Elevation: 1800 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.38		0.04		1.47					
2					0.05		0.32					
3				0.15	0.50			0.36				
4				0.15	2.10			0.31				0.04E
5				0.31			0.38	2.20E				
6			1.26			0.93		0.41E				
7			1.26		2.40							
8			0.38		2.40							
9					0.43			0.09E	0.02E			
10				0.95								
11		0.45		0.95					0.15E			
12							0.82E	1.38E	0.26E			
13		0.11		0.15				1.21E	0.03E			
14		0.27				0.71	0.04E	0.18E				
15					1.73							
16				0.13					0.04E			
17					0.47	0.10			0.28E			
18						0.03						
19			0.81	0.43								
20					0.73							
21			0.03									0.01E
22					1.70							
23					1.50							
24					4.61							
25						1.13		0.08E				
26						1.25		0.14E				
27		1.13										0.28E
28						0.36						
29				0.11		0.36						
30				0.55								
31												
Totals	0.00	1.96	4.12	3.88	18.66	4.87	3.03	6.36	0.78	0.00	0.00	0.33
												Water Year Total: 43.99

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1262 Saugus Reclamation Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-24-48

Longitude: 118-32-23

Elevation: 1150 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.66		0.17		0.98					
2					0.32							
3					1.83		0.08E	0.12				
4					1.27		0.11E	0.08				
5				0.23			0.10E	1.53E				
6			5.02			0.24		0.18E				
7			0.29		1.51							
8			0.40		2.04							
9				0.04	0.62							
10				1.32								
11		0.57										
12							0.37E	0.44E				
13		0.08		0.13				0.68E				
14		0.13				0.45						
15					0.97							
16				0.03								
17					0.43							
18				0.15								
19			0.70									
20					0.68							
21												
22					0.99							
23					0.78							
24					4.02							
25						0.73						
26						0.61						
27		0.80										
28						0.21						
29				0.21								
30				0.14								
31												
Totals	0.00	1.58	7.07	2.25	15.63	2.24	1.64	3.03	0.00	0.00	0.00	0.00
												Water Year Total: 33.44

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1263 Valencia Reclamation Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-25-55

Longitude: 118-37-13

Elevation: 1000 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.70		0.14		0.70					
2					0.48							
3					1.72			0.08				
4					0.97		0.09	0.18				
5				0.36			0.13	1.05E				
6			4.95			0.40	0.13E	0.53E				
7			0.30		2.00		0.10E	0.15E				
8			0.20		1.87							
9					0.48							
10				1.11								
11		0.48										
12							0.42E	0.55E				
13		0.10		0.07				0.42E				
14		0.08				0.41						
15					1.14	0.45						
16				0.08								
17					0.43							
18												
19			0.65	0.11								
20					0.80							
21												
22					1.20							
23					1.02							
24					2.98							
25						0.70						
26						0.58						
27		0.82										
28						0.30						
29				0.20		0.04						
30				0.14								
31												
Totals	0.00	1.48	6.80	2.07	15.23	2.88	1.57	2.96	0.00	0.00	0.00	0.00
											Water Year Total:	32.99

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1265 Scholl Canyon Landfill

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-08-38

Longitude: 118-11-07

Elevation: 1000 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.03					
2				0.07	0.58							
3				A	2.02		0.06	0.47				0.01
4				0.32A				1.15				
5			1.95			0.43	0.20	1.06				
6			A		2.28							
7			0.37A		A							
8				0.02	2.67A							
9				1.68								
10		1.09					0.87					
11									0.18			
12		0.10		0.10				2.30				
13		0.47				0.58	0.04	0.37				
14					A							
15				0.10	1.92A				0.04			
16					0.51	0.03						
17				A								
18			1.07	0.33A								
19		0.01			0.71							
20												
21												
22					3.02							
23					2.48							
24						1.20						
25						1.21						
26		0.80				0.02						
27						0.37						
28				0.50								
29				0.48								
30		0.68										
31				0.19		1.31						
Totals	0.00	3.15	3.39	3.79	16.19	5.15	1.20	5.35	0.22	0.00	0.00	0.01
												Water Year Total: 38.45

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1266 Mission Canyon Landfill

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-08-40

Longitude: 118-28-45

Elevation: 1150 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.04					
2				0.17	1.46							
3				A	0.78			0.37				0.06
4				0.18A				1.00				
5			1.69			0.30	0.02	0.68				
6			A									
7			1.69A		1.92E							
8				0.03	2.27E							
9				1.23								
10		0.61										
11							0.99E	0.03	0.06			
12		0.12		0.10			0.03E	1.61				
13		0.29				0.52		0.06				
14												
15				0.13					0.01			
16					2.46							
17			0.09	A								
18			0.86	0.14A								
19					0.73							
20												
21												
22					2.23							
23					2.18							
24						2.45						
25						0.60						
26		0.75										
27												
28				1.27		0.27						
29				0.03								
30		0.75										
31				0.85		0.79						
Totals	0.00	2.52	4.33	4.13	14.03	4.93	1.08	3.75	0.07	0.00	0.00	0.06
										Water Year Total:		34.90

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1267 Lancaster Reclamation Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-46-38

Longitude: 118-09-11

Elevation: 2302 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2					0.25E							
3					1.08E		0.04E					
4				0.26E								0.51E
5			0.54E			T						
6	0.09E		1.56E		0.69E	0.06	0.01E					
7					0.75E							
8			0.01E		0.22E							
9				0.28E								
10		0.37E		0.33E								
11												
12					0.01E							
13		0.09E									0.06E	
14					0.05E	0.56	0.14E					
15				T								
16												
17					0.08E							
18			0.07E	0.01E								
19					0.36E							
20												
21			0.02E									
22					0.38E							
23					1.76E							
24					0.10E							
25						0.98						
26		0.36E										
27						0.08						
28						0.92						
29				0.25E								
30		0.22E							E	E		
31						0.52					0.39E	
Totals	0.09	1.04	2.20	1.13	5.73	3.12	0.19	0.00	0.00	0.00	0.45	0.51
											Water Year Total:	14.46

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1268 Palmdale Reclamation Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-35-30

Longitude: 118-05-10

Elevation: 2565 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.20				0.36					
2												
3					0.12							
4					1.08		0.05					0.17E
5				0.22				0.25E				
6			1.82			0.05	0.14E	0.07E				
7			0.08		0.39		0.19E					
8					0.71							0.14E
9					0.10							
10				0.50								
11		0.13										
12								0.39E				
13		0.05						0.24E				
14						0.72						
15					0.21		0.06E					
16				0.03								
17					0.10							
18												
19			0.09									
20					0.29							
21			0.05									
22					0.44							
23					0.23							
24					1.80							
25												
26						0.82						
27		0.45										
28						0.21						
29						0.09						
30				0.22								
31												
Totals	0.00	0.63	2.24	0.97	5.47	1.89	0.80	0.95	0.00	0.00	0.00	0.31
												Water Year Total: 13.26

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1271 Pomona Waste Reclamation Plant

Gage Type: Standard 8 inch diameter

Observation Time: 800

Latitude 34-03-18

Longitude: 117-47-34

Elevation: 786 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			0.35				0.69					0.17E
2				0.14			0.18					
3												1.46E
4				0.52	1.75		0.17	0.31				
5				0.50			0.05	0.22E				
6			1.70			0.47		0.88E				
7			0.76		1.83							
8			0.13		2.90							
9				0.04	0.26							
10				3.71								
11		0.76		0.13			0.37E					
12								0.17E	0.07E			
13		0.03					0.10E	1.54E				
14		0.48				0.73		0.34E				
15					1.82							
16												
17					0.58	0.04						
18				0.34								
19			0.38									
20					0.56							
21			0.15									
22					1.65							
23					1.23							
24					2.93							
25						0.26						
26						1.35						
27		1.06										
28						0.45						
29				0.12		0.07						
30				0.36								
31												
Totals	0.00	2.33	3.47	5.86	15.51	3.37	1.56	3.46	0.07	0.00	0.00	1.63
												Water Year Total: 37.26

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1274 Whittier - Valna Drive

Gage Type: Standard 8 inch diameter (DPW)

Observation Time: 800

Latitude 33-57-39

Longitude: 118-01-10

Elevation: 255 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			1.24		0.16		3.36					
2							0.24	0.01				
3				0.11	0.74							0.65
4				1.36	1.37		0.03	0.20				
5				0.92			0.69	0.05				0.02
6	0.01		1.96			0.54		0.18				
7			0.35		1.30							
8			0.33		2.87							
9			0.04	0.18	0.49							
10				3.22								
11	0.07	0.34										
12							2.19	0.03	0.18			
13		0.15		0.08				1.08				
14		0.58				1.42		0.09				
15					2.08	0.01						
16				0.08						0.04		
17					0.96					0.04		
18												
19			1.13	0.25								
20					0.81							
21			0.13									
22					1.42							
23					0.53							
24					2.77							
25						0.62						
26						2.05						
27		1.18				T						
28						0.62						
29				0.28		0.01						
30				0.36								
31						0.01						
Totals	0.08	2.25	5.18	6.84	15.50	5.28	6.51	1.64	0.26	0.00	0.00	0.67
										Water Year Total:		44.21

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

PRECIPITATION

DAILY RAINFALL SUMMARY

1277 DPW Headquarters, Fremont

Gage Type: Daily Automatic (DPW)

Observation Time: 2400

Latitude 34-05-12

Longitude: 118-09-01

Elevation: 450 Feet

Water Year from 10/01/1997 to 09/30/1998

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1							0.08					
2					0.15			0.08				
3				0.11	1.85		0.04	0.16				
4				0.36	0.04		0.19	0.20				
5			0.39			0.12		0.39				
6			1.18		1.89	0.15		0.87				
7			0.12		2.37							
8			0.04		0.35							
9				0.51	0.04							
10		0.43										
11							0.51					
12				1.58				1.02				
13		0.32		0.03		0.40		0.75			0.12	
14					1.65	0.19		0.04				
15				0.08								
16					0.24							
17					0.47							
18			0.95									
19				0.16	0.59							
20												
21					0.12							
22					1.26							
23					2.09							
24					0.55							
25						2.37						
26		0.75										
27						0.03						
28						0.32						
29				0.87								
30		0.43										
31				0.08		0.75						
Totals	0.00	1.93	2.68	3.78	13.66	4.33	0.82	3.51	0.00	0.00	0.12	0.00
											Water Year Total:	30.83

NOTE: All Values are in units of inches, unless otherwise specified.

LEGEND: A - Acculated Total
 E - Estimated
 T - Trace, unmeasurable amount of rain

Data Revised: March 2011

APPENDIX B

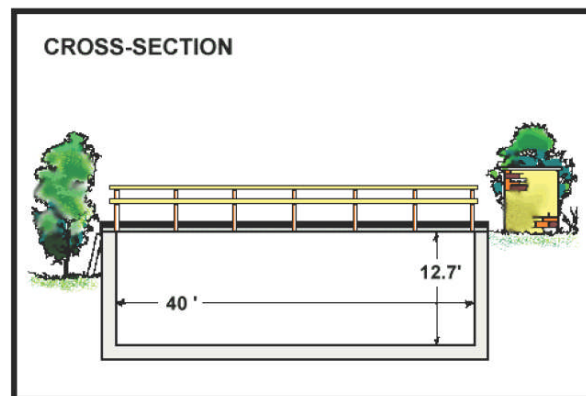
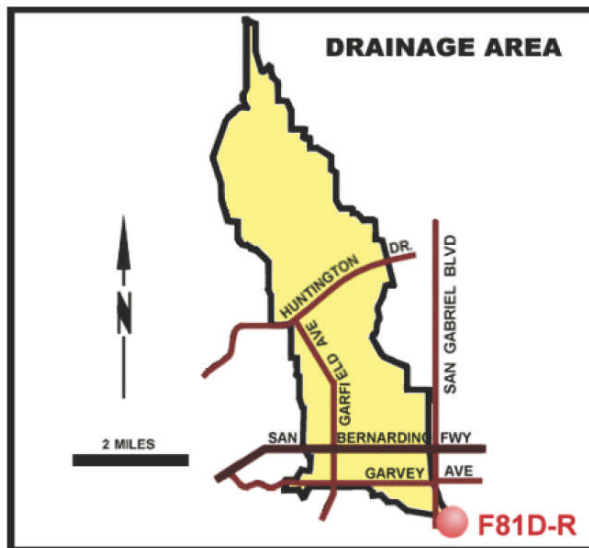
HYDROLOGIC REPORT 1997 – 1998

RUNOFF - STREAM GAGING STATION INFORMATION

RUNOFF - STREAM GAGING STATION INFORMATION

ALHAMBRA WASH

above Klingerman Street
STATION NO. F81D-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading or from footbridge.

DRAINAGE AREA 15.20 square miles.

LOCATION 250 feet *above* Klingerman Street and 2650 feet *below* Garvey Avenue, South San Gabriel

REGULATION none.

DIVERSION none.

CHANNEL concrete, rectangular in section, 40.0 feet wide by 12.7 feet deep.

CONTROL channel forms control.

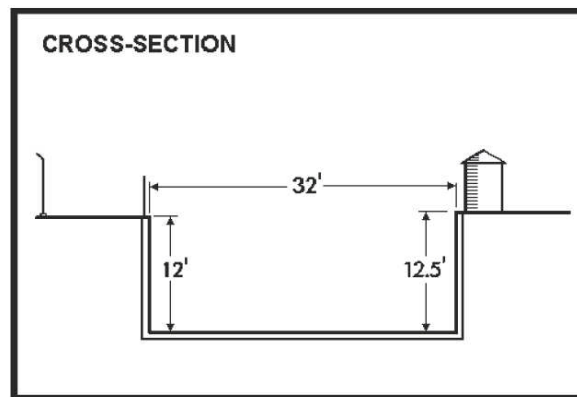
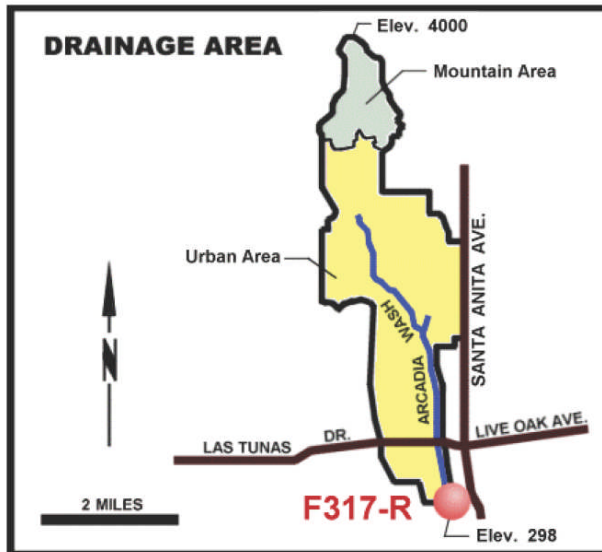
LENGTH OF RECORD at Station F81-R, January 14, 1930 to September 30, 1934; at Station F81B-R, October 1, 1934 to February 25, 1935; at Station F81C-R February 25, 1935 to April 27, 1936; at Station F81B-R April 27, 1936 to May 22, 1936; at Station F81D-R, September 2, 1936 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

ARCADIA WASH

below Grand Avenue

STATION NO. F317-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT low flows measured by wading. High flows measured from upstream side of Grand Avenue bridge.

DRAINAGE AREA 8.50 square miles.

LOCATION on the west wall of Arcadia Wash about 75 feet downstream from centerline of Grand Avenue.

REGULATION several debris basins located upstream.

DIVERSION none.

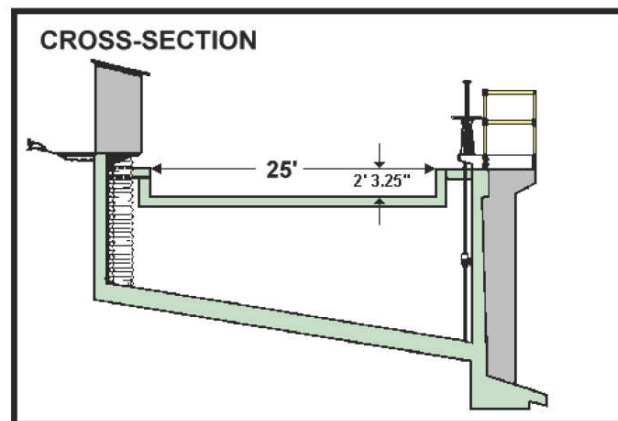
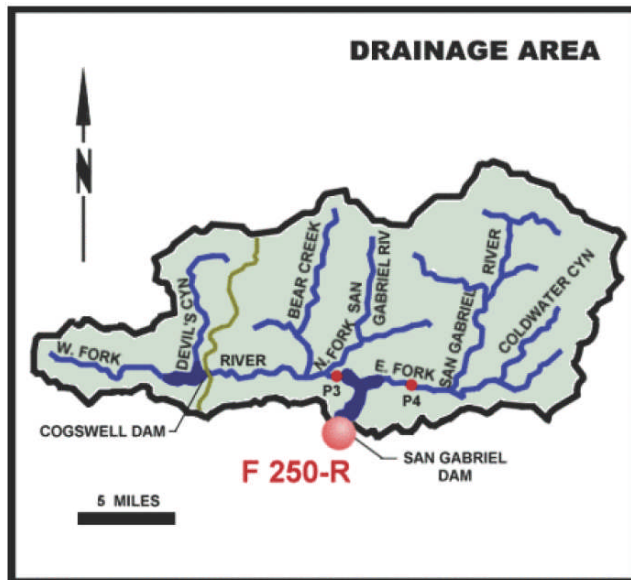
CHANNEL concrete, rectangular section.

CONTROL LENGTH OF RECORD December 12, 1955 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

AZUSA CONDUIT

(Sandbox 20' weir)
STATION NO. F250-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT weir formula with gage height observation.

DRAINAGE AREA 202.70 square miles.

LOCATION on the concrete conduit which diverts from San Gabriel Dam, 160 feet below the dam.

REGULATION regulated in section.

DIVERSION none.

CHANNEL 25-foot concrete weir.

CONTROL channel forms control.

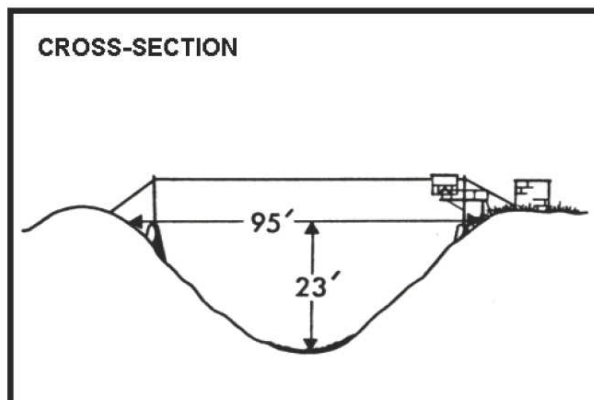
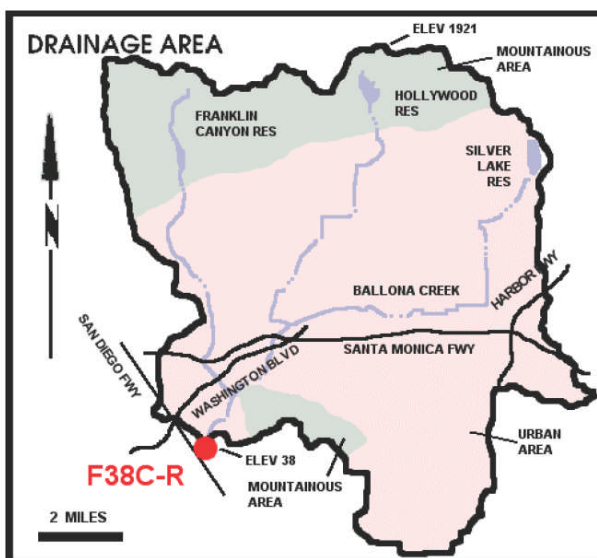
LENGTH OF RECORD February 26, 1933 to date.

REMARKS approximate capacity 95 second-feet.

RUNOFF - STREAM GAGING STATION INFORMATION

BALLONA CREEK

above Sawtelle Blvd.
STATION NO. F38C-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 88.60 square miles.

LOCATION 530.0 feet above Sawtelle Boulevard, 1.5 miles southwest of Culver City.

REGULATION Stone Canyon Reservoir prior to January, 1951. Upper and Lower Franklin Canyon Reservoir, Hollywood Reservoir, and Silverlake Reservoir.

DIVERSION none.

CHANNEL concrete rubble, trapezoidal in section.

CONTROL channel forms control.

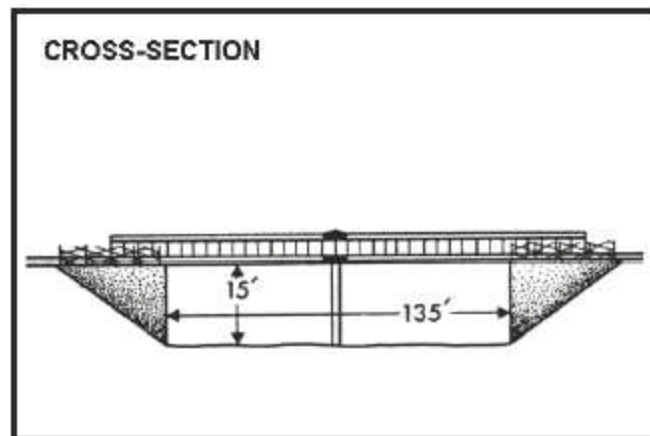
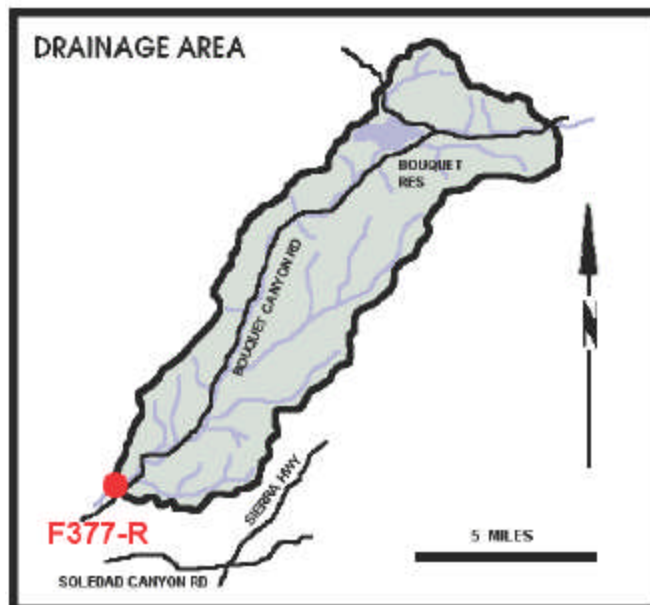
LENGTH OF RECORD at station F38-R, February 27, 1928 to April 27, 1936; at Station F38B-R, May 14, 1936 to August 10, 1967; at Station F38C-R, August 10, 1967 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

BOUQUET CANYON CREEK

@ Urbandale Avenue

STATION NO. F377-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from bridge.

DRAINAGE AREA 51.90 square miles.

LOCATION Bouquet Canyon Creek @ Urbandale Avenue, 3.5 miles northeast of Saugus.

REGULATION Bouquet Reservoir.

DIVERSION none.

CHANNEL concrete sides with natural bottom, trapezoidal in section.

CONTROL concrete stabilizer.

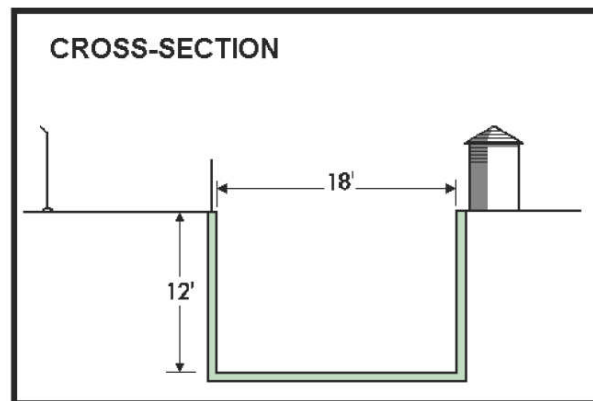
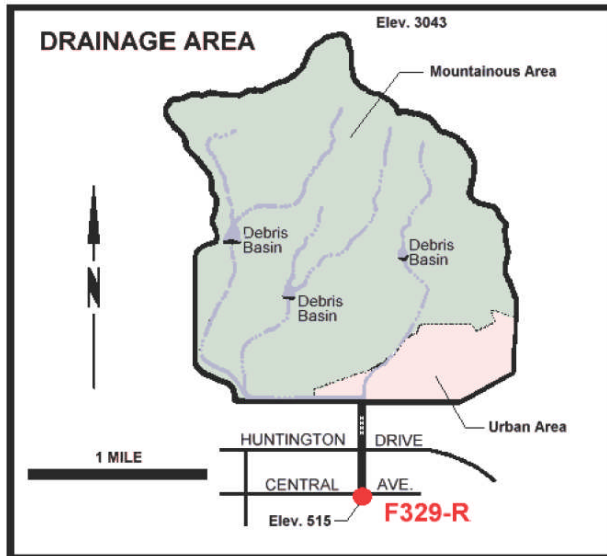
LENGTH OF RECORD October 11, 1967 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

BRADBURY CHANNEL

below Central Avenue

STATION NO. F329-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT low flows measured by wading. High flows measured from footbridge four feet downstream from recorder.

DRAINAGE AREA 3.30 square miles.

LOCATION on the east wall of Bradbury Channel, 200 feet downstream from the centerline of Central Avenue, one mile east of Duarte.

REGULATION two debris basins located upstream.

DIVERSION none.

CHANNEL rectangular concrete, 18 feet wide, 12 feet deep.

CONTROL channel forms control.

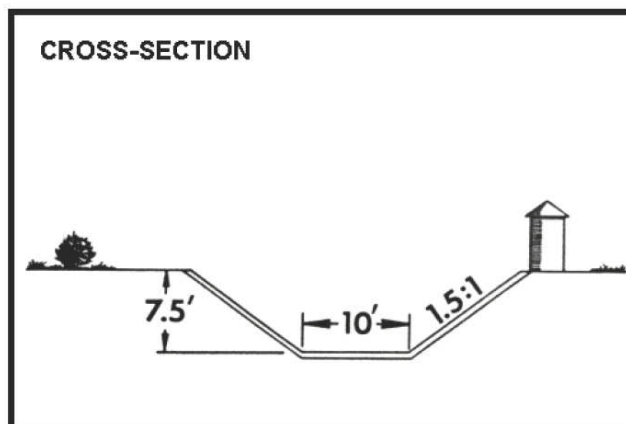
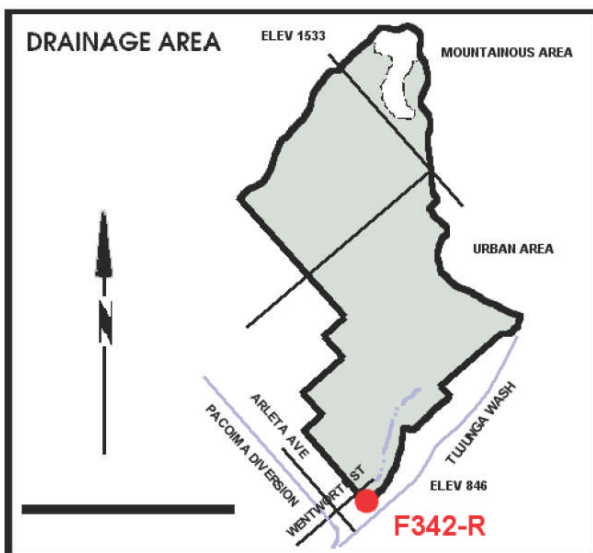
LENGTH OF RECORD June 14, 1957 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

BRANFORD STREET CHANNEL

below Sharp Avenue

STATION NO. F342-R



RECORDER 15 min. punch tape.

METHOD OF MEASUREMENT low flows measured by wading. High flows measured by floats.

DRAINAGE AREA 5.01 square miles.

LOCATION on the south bank of channel, 125 feet downstream from Sharp Avenue, about 3.6 miles south of San Fernando.

REGULATION flow from Lopez Creek is diverted to Hansen Dam at the mouth of Lopez Canyon.

DIVERSION none.

CHANNEL trapezoidal, 10 feet wide at bottom and 7.5 feet deep with 1.5 to 1 side slopes.

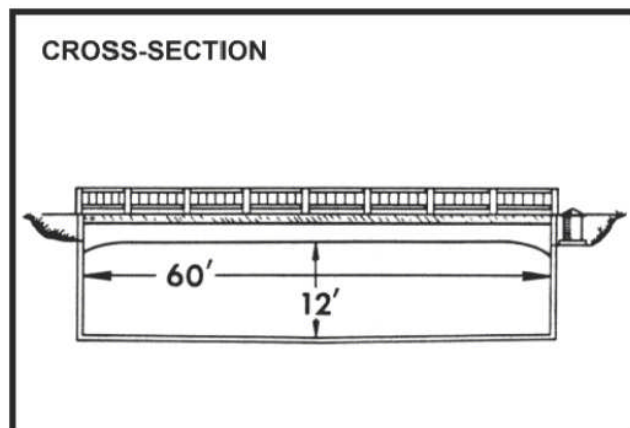
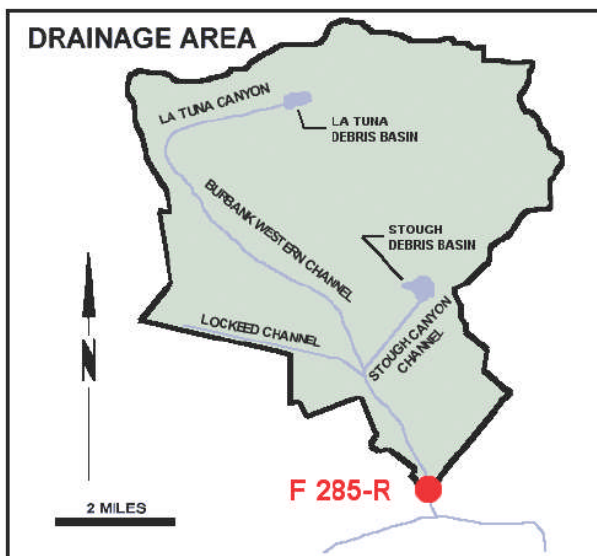
CONTROL channel forms control.

LENGTH OF RECORD January 12, 1962 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

BURBANK WESTERN STORM DRAIN

@ Riverside Drive
STATION NO. E285-R



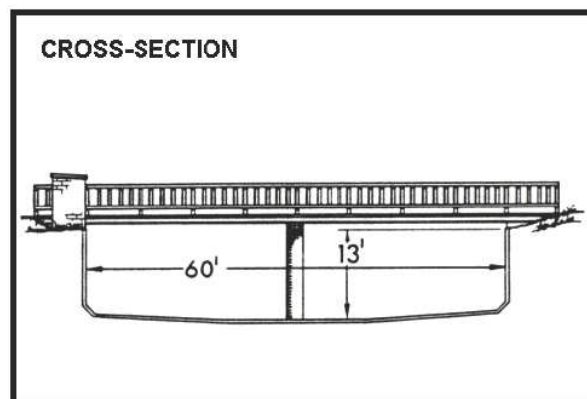
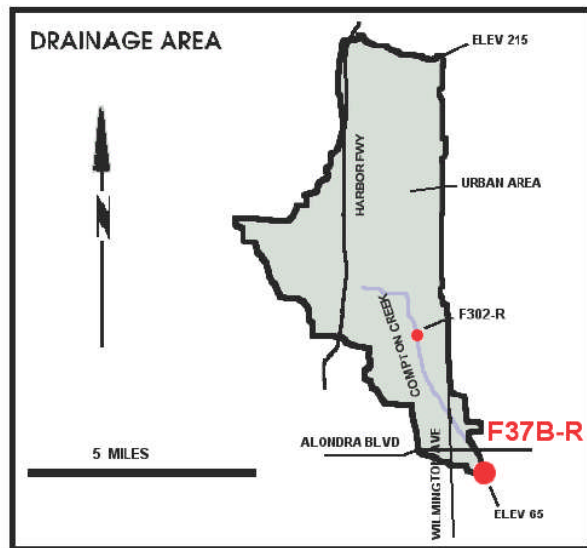
RECORDER continuous water stage.
METHOD OF MEASUREMENT wading or from bridge.
DRAINAGE AREA 25 square miles.
LOCATION 20 feet upstream from Riverside Drive, Glendale.
REGULATION several debris basins on tributaries.
DIVERSION none.
CHANNEL concrete, rectangular section.
CONTROL channel forms control.
LENGTH OF RECORD October 1, 1949 to date.
REMARKS operated in cooperation with the USCE.

RUNOFF - STREAM GAGING STATION INFORMATION

COMPTON CREEK

near Greenleaf Drive

STATION NO. F37B-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from bridge.

DRAINAGE AREA 22.60 square miles.

LOCATION 120.0 feet above Greenleaf Boulevard, 1.5 miles south west of Compton.

REGULATION none.

DIVERSION none.

CHANNEL concrete, rectangular in section, 60 feet wide by 13 feet deep.

CONTROL channel forms control.

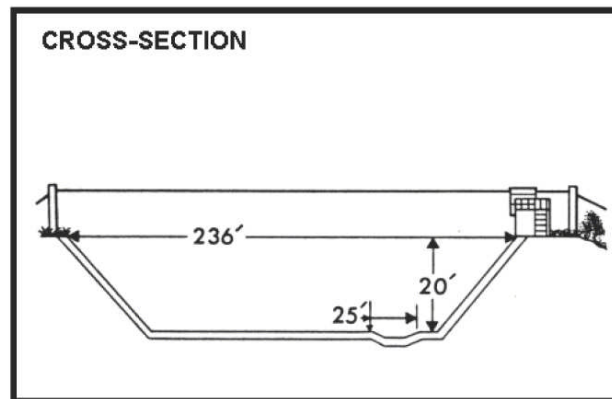
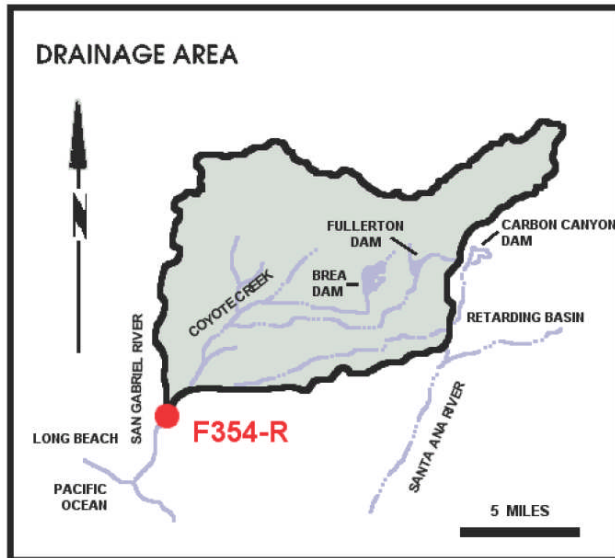
LENGTH OF RECORD at Station F37-R, January 22, 1928 to June 9, 1938; at Station F37B-R, October 3, 1938 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

COYOTE CREEK

below Spring Street

STATION NO. F354-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 185 square miles.

LOCATION 241 feet below Spring Street, 5.7 miles northeast of Long Beach.

REGULATION partially regulated by Fullerton Dam, Brea Dam, and Carbon Canyon Dam.

DIVERSION none.

CHANNEL concrete, trapezoidal in section.

CONTROL channel forms control.

LENGTH OF RECORD December 19, 1936 to date.

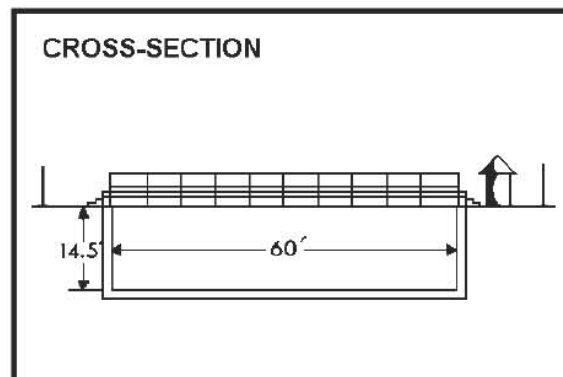
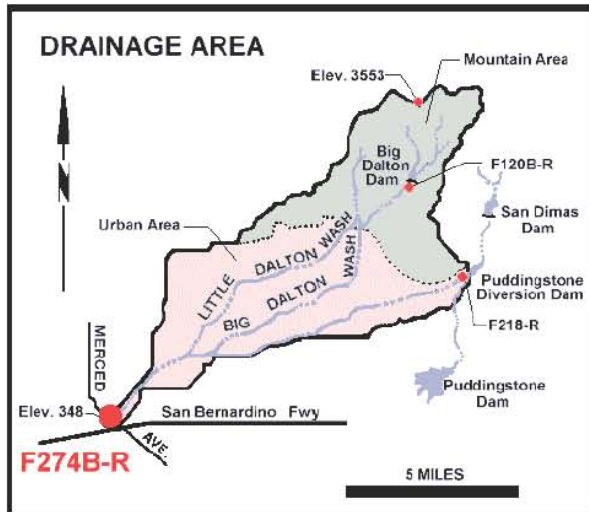
REMARKS previous gaging station for record correlation: Station F41-S, December 1, 1928 to January 14, 1930;
Station F41-R, January 14, 1930 to October 30, 1936; Station F41B-R, October 30, 1936 to February 17, 1937;
Station F41C-R, February 18, 1937 to February 8, 1956; Station F320-R, February 9, 1956 to July 2, 1965.

RUNOFF - STREAM GAGING STATION INFORMATION

DALTON WASH

@ Merced Avenue

STATION NO. F274B-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT low flows measured by wading. High flows measured from footbridge 100 feet from station.

DRAINAGE AREA 35.95 square miles.

LOCATION on the west bank and upstream of Merced Avenue about 150 feet, about one-half miles above the junction with Walnut Wash and about one mile south of Baldwin Park.

REGULATION partly regulated by Big Dalton Dam, San Dimas Dam, Puddingstone Diversion Dam, Big Dalton Spreading Grounds, Little Dalton Spreading Grounds, Big Dalton Debris Basin, Little Debris Basin and Irwindale Spreading Grounds.

DIVERSION none.

CHANNEL concrete, rectangular section.

CONTROL channel forms control.

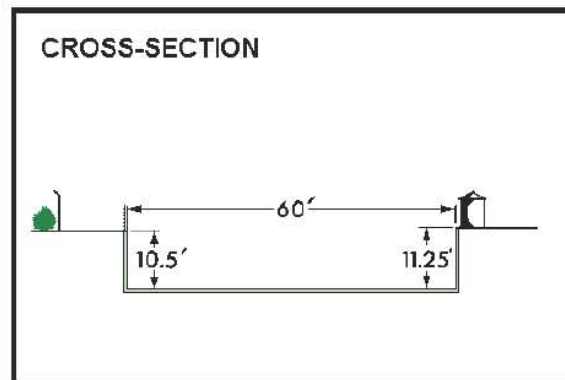
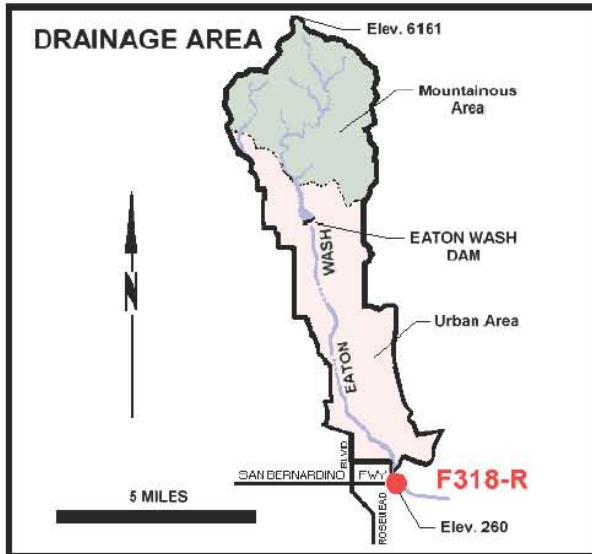
LENGTH OF RECORD REMARKS flow may include imported water originating at San Dimas.

RUNOFF - STREAM GAGING STATION INFORMATION

EATON WASH

@ Loftus Drive

STATION NO. F318-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT low flows measured by wading. High flows measured from upstream side of East Loftus Drive bridge.

DRAINAGE AREA 22.80 square miles.

LOCATION on the west wall of the channel 52 feet above the centerline of East Loftus Drive bridge, 1.3 miles west of El Monte.

REGULATION partly regulated by Eaton Dam.

DIVERSION the Pasadena Water Department diverts some water just above the mouth of Eaton Canyon. The Flood Control District Diverts water to spreading grounds below Eaton Dam and below Huntington Drive.

CHANNEL rectangular concrete, 60 feet wide, 11.3 feet.

CONTROL channel forms control.

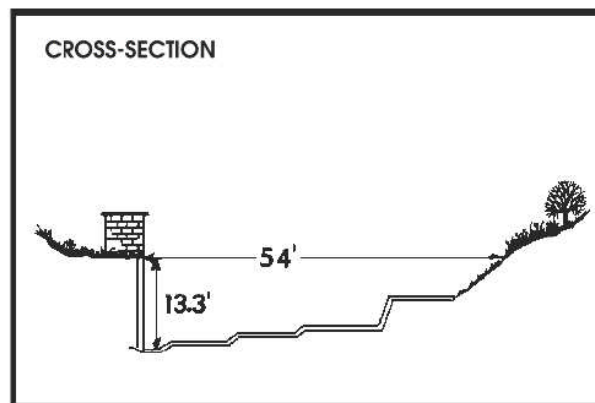
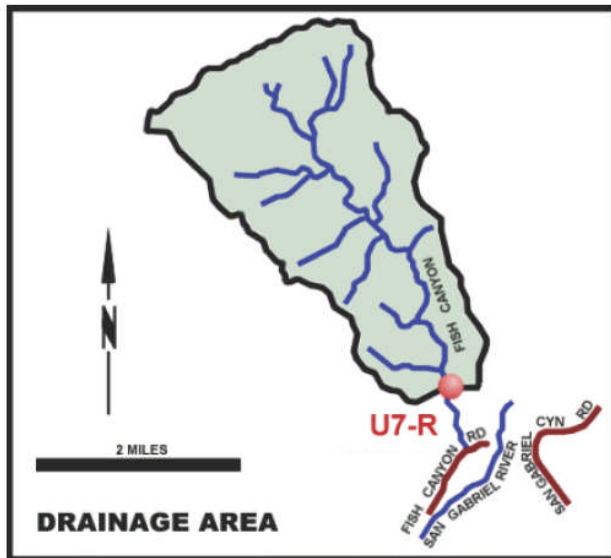
LENGTH OF RECORD 1956 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

FISH CREEK

above Mouth of Canyon

STATION NO. U7-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading.

DRAINAGE AREA 6.36 square miles.

LOCATION 0.8 miles upstream of Mouth of Canyon and 3.0 miles northeast of Duarte.

REGULATION none.

DIVERSION none.

CHANNEL natural, rock and gravel.

CONTROL concrete control.

LENGTH OF RECORD July to September 1916; July 1917 to date.

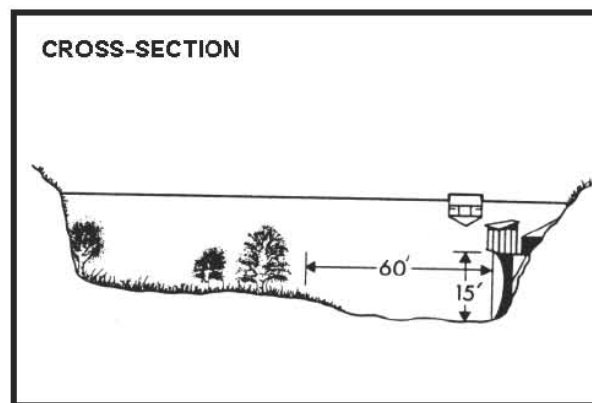
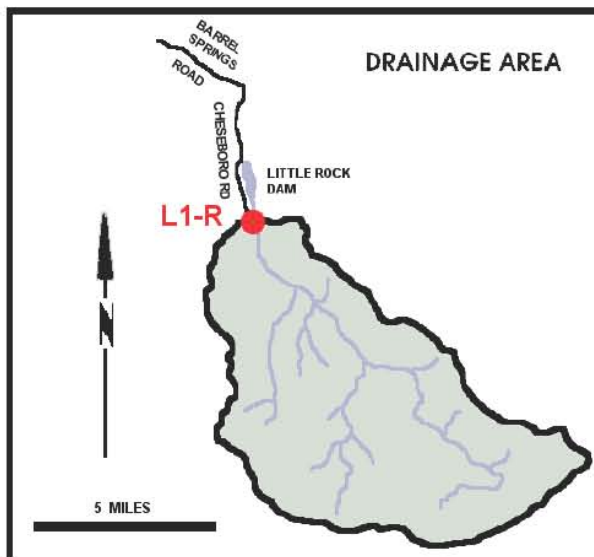
REMARKS operated and maintained by USGS until October 1, 1971.

RUNOFF - STREAM GAGING STATION INFORMATION

LITTLE ROCK CREEK

above Little Rock Dam

STATION NO. L1-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 49.20 square miles.

LOCATION 2.0 miles above Little Rock Dam, 5.0 miles south of Little Rock.

REGULATION none.

DIVERSION none.

CHANNEL Sand, gravel, and boulder, natural in section.

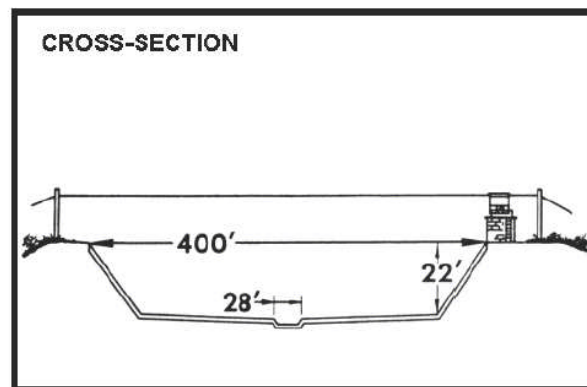
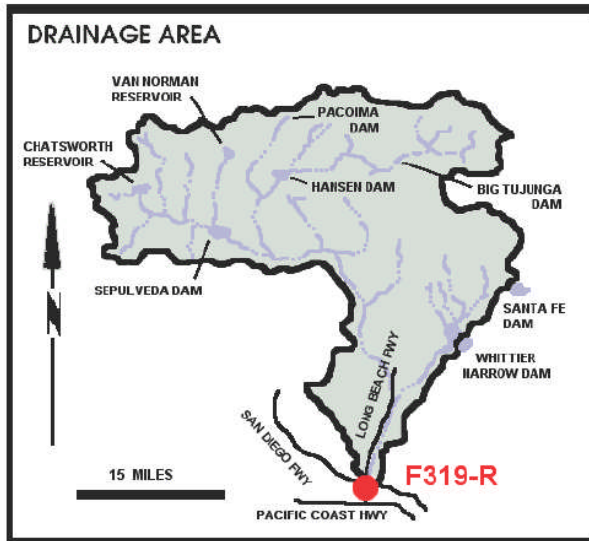
CONTROL channel forms control.

LENGTH OF RECORD October 1, 1930 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

LOS ANGELES RIVER

below Wardlow River Road
STATION NO. F319-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 815.00 square miles.

LOCATION 900.0 feet below Wardlow Road, Long Beach.

REGULATION flow is subject to the same regulation as Station F34D-R and P45B-R.

DIVERSION flows diverted to Dominguez Gap Spreading Grounds.

CHANNEL trapezoidal, concrete, 302.0 feet wide at bottom with 2.25:1 side slopes. Low flow channel 28.0 feet wide by 1.0 foot deep in center of channel.

CONTROL channel forms control.

LENGTH OF RECORD at Station F180-R, October 31, 1931 to January 13, 1956; at Station F319-R, January 13, 1956 to date.

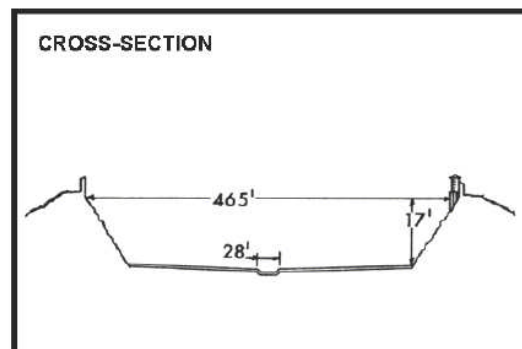
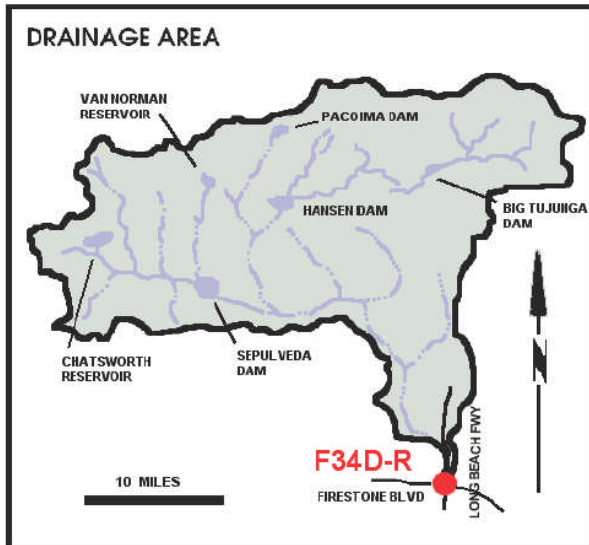
REMARKS prior to 1931, see Station F36-R.

RUNOFF - STREAM GAGING STATION INFORMATION

LOS ANGELES RIVER

below Firestone Blvd.

STATION NO. F34D-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from bridge.

DRAINAGE AREA 596.00 square miles.

LOCATION 472.0 feet downstream of Firestone Boulevard, 3.0 miles west of Downey.

REGULATION partially regulated by Sepulveda, Pacoima, Big Tujunga, Hansen, and Devil's Gate Dam; and by several spreading grounds, reservoirs, and debris basins.

DIVERSION none.

CHANNEL concrete, with rip-rap side slopes, trapezoidal in section, with trapezoidal low flow channel.

CONTROL channel forms control.

LENGTH OF RECORD at Station F34-R, March 1, 1928 to April 11, 1938; at Station F34B-r, April 11, 1938 to November 3, 1949; at Station F34C-R, November 4, 1949 to December 11, 1956; at Station F34D-R, December 11, 1956 to date.

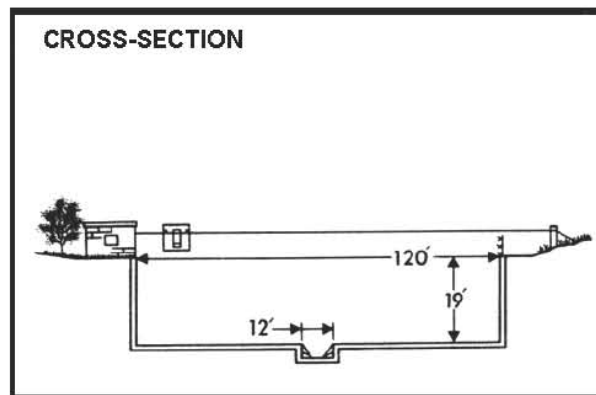
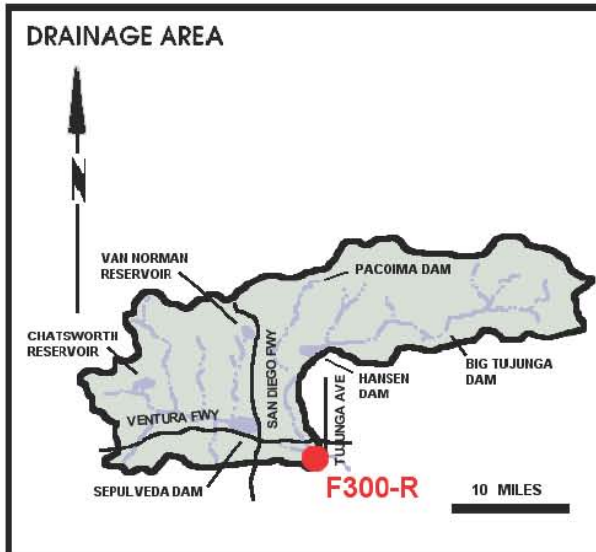
REMARKS subject to diversion from Big Tujunga Creek, Arroyo Seco, and other domestic irrigation diversions.

RUNOFF - STREAM GAGING STATION INFORMATION

LOS ANGELES RIVER

@ Tujunga Avenue

STATION NO. F300-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 401 square miles.

LOCATION 200 feet above Tujunga Avenue bridge, Studio City.

REGULATION flow regulated by Sepulveda, Big Tujunga, Hansen, Pacoima Dams, Lopez Debris Dam, and Project No. 85 Diversion.

DIVERSION none.

CHANNEL concrete, rectangular section, 120 feet wide by 19 feet deep.

CONTROL channel forms control.

LENGTH OF RECORD from May 8, 1950 to date.

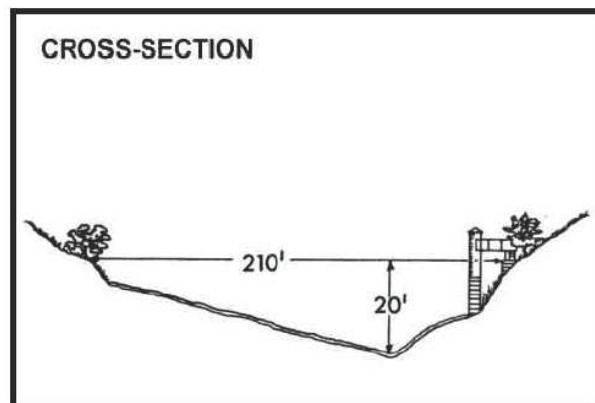
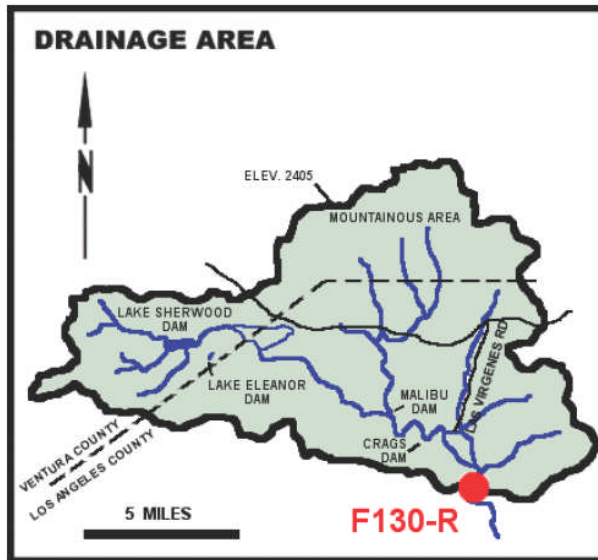
REMARKS subject to diversions at mouth of Big Tujunga and Pacoima Canyons for irrigation, at Big Tujunga, Branford, Hansen, and Pacoima Spreading Grounds.

RUNOFF - STREAM GAGING STATION INFORMATION

MALIBU CREEK

below Cold Creek

STATION NO. F130-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 104.96 square miles.

LOCATION 0.2 mile downstream of Cold Creek, 6.0 miles southwest of Calabasas.

REGULATION Lake Sherwood Dam, Lake Eleanor Dam, Malibu Lake Dam and Crag's Dam. Other small recreational dams affect low summer flows.

DIVERSION none.

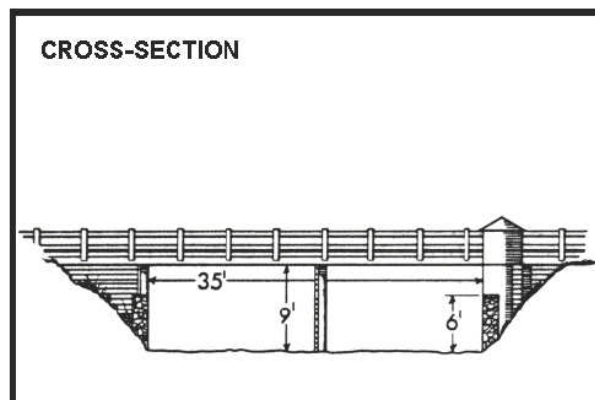
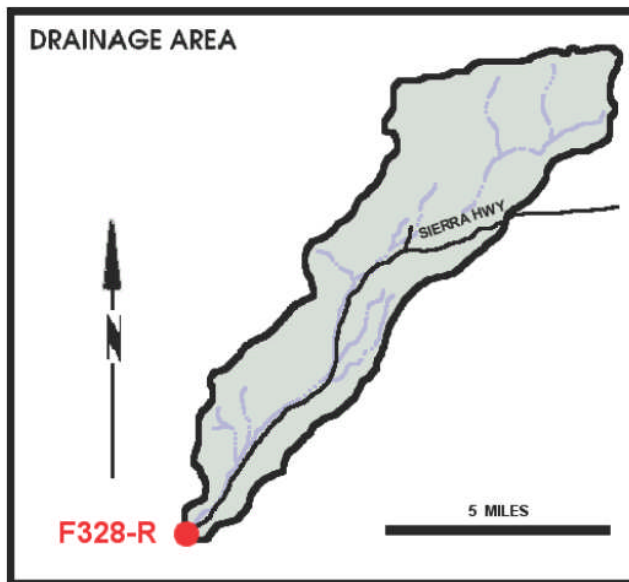
CHANNEL coarse sand and gravel, lined with trees and brush, natural in section.

CONTROL concrete stabilizer.

LENGTH OF RECORD January 17, 1931 to date.

REMARKS cableway washed out on January 25, 1969; no high flow measurements since that date.

RUNOFF - STREAM GAGING STATION INFORMATION

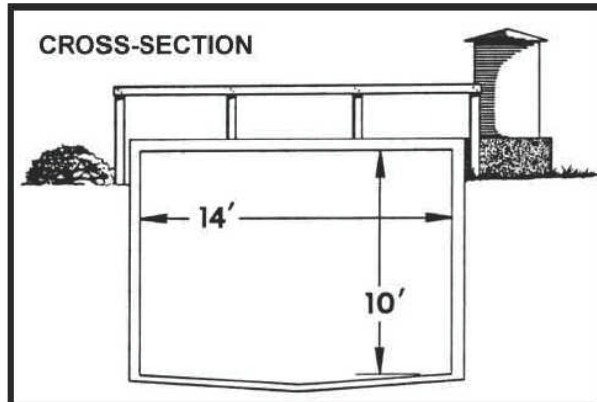
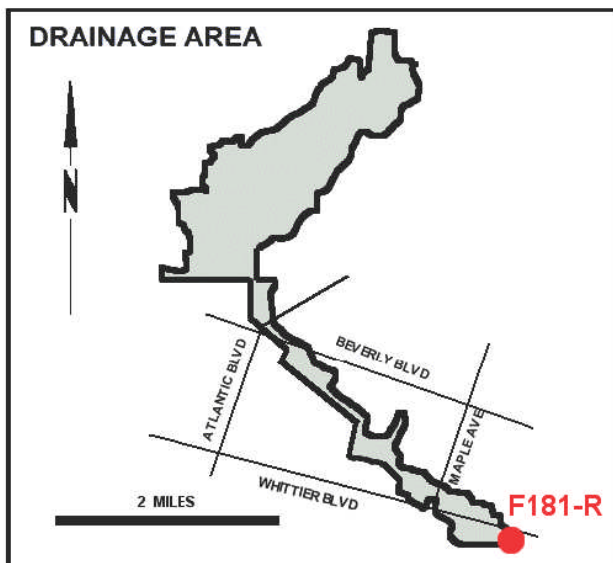
MINT CANYON CREEK**@ Fitch Avenue****STATION NO. F328-R****RECORDER** continuous water stage.**METHOD OF MEASUREMENT** wading or from cable car.**DRAINAGE AREA** 26.90 square miles.**LOCATION** 8.5 miles northeast of Saugus on west end of Fitch Avenue bridge.**REGULATION** none.**DIVERSION** none.**CHANNEL** natural, sand and gravel.**CONTROL** concrete control at downstream end of bridge.**LENGTH OF RECORD** October 26, 1956 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

MONTEBELLO STORM DRAIN

outlet to Rio Hondo

STATION NO. F181-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from footbridge.

DRAINAGE AREA 9.60 square miles.

LOCATION 150.0 feet east of Mines Avenue and 500.0 feet west of Rio Hondo.

REGULATION none.

DIVERSION none.

CHANNEL 14.0 foot by 10.0 foot concrete, box section.

CONTROL channel forms control.

LENGTH OF RECORD January 12, 1932 to date.

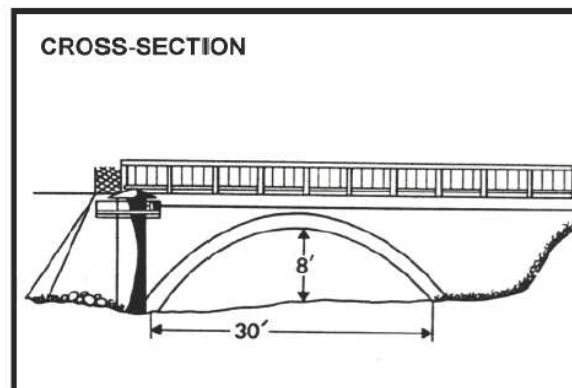
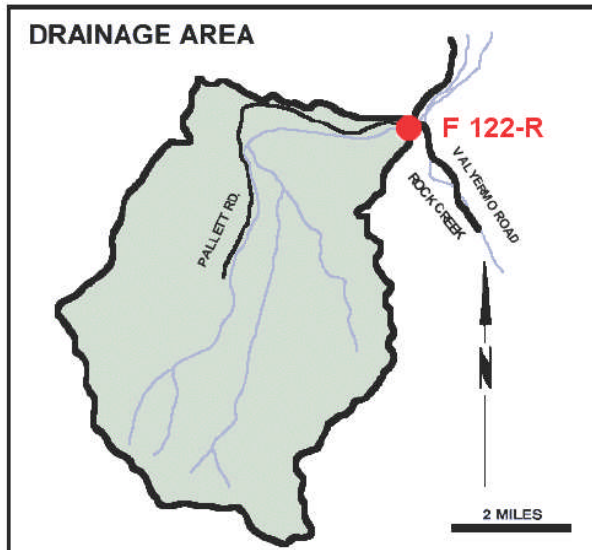
REMARKS may be affected by backwater during flood flows.

RUNOFF - STREAM GAGING STATION INFORMATION

PALLETT CREEK

@ Valyermo Highway

STATION NO. F122-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from bridge.

DRAINAGE AREA 15.80 square miles.

LOCATION upstream side of Valyermo Highway bridge, 5.0 miles southeast of Pearblossom.

REGULATION none.

DIVERSION none.

CHANNEL sand and gravel, natural section.

CONTROL channel forms control for low flows; bridge form control for high flows.

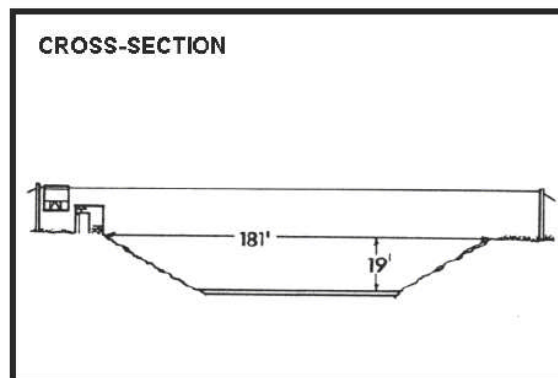
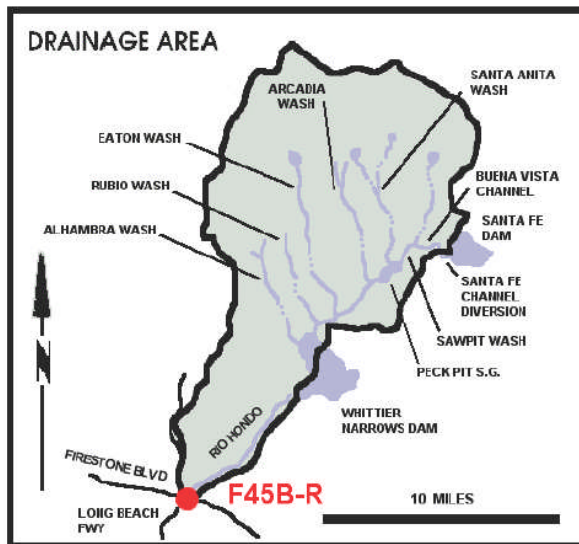
LENGTH OF RECORD at Station F122-S, December 29, 1930 to October 31, 1961; at Station F122-R, October 31, 1961 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

RIO HONDO

above Stuart and Gray Road

STATION NO. F45B-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 140 square miles.

LOCATION 0.6 mile upstream of the confluence of Rio Hondo and Los Angeles River, 1.5 miles west of Downey.

REGULATION partially regulated by Sierra Madre, Santa Anita, Sawpit, Eaton, Santa Fe, and Whittier Narrows Dams, several debris basins, and spreading grounds.

DIVERSION none.

CHANNEL concrete with rip-rap side slopes, trapezoidal in section.

CONTROL channel forms control.

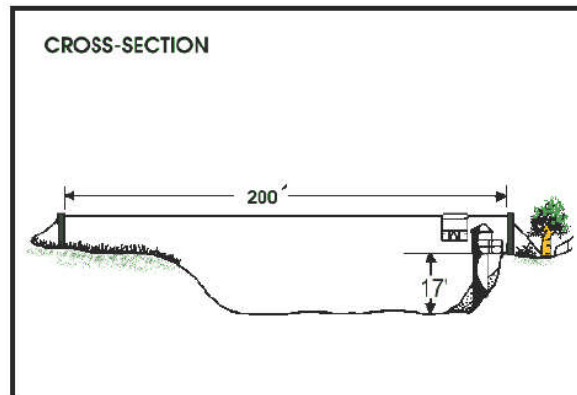
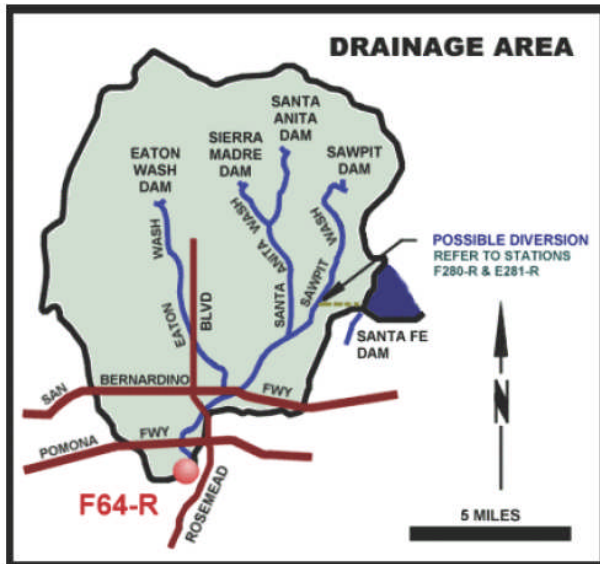
LENGTH OF RECORD at Station F45-R, March 1, 1928 to April 18, 1951; at Station F45B-R, October 31, 1951 to date.

REMARKS subject to diversions from Eaton Creek, Monrovia Creek, Sawpit Creek, Little Santa Anita Canyon, and other locations for irrigation and spreading. High flows from San Gabriel River may flow into Rio Hondo above Whittier Narrows Dam.

RUNOFF - STREAM GAGING STATION INFORMATION

RIO HONDO

above Mission Bridge
STATION NO. F64-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 115 square miles.

LOCATION 1,000 feet above San Gabriel Boulevard, west of Rosemead Boulevard, 2.0 miles northeast of Montebello.

REGULATION partially regulated by Sierra Madre, Santa Anita, Sawpit, Eaton, and Santa Fe Dams and several debris basins.

DIVERSION none.

CHANNEL sand and silt, natural in section.

CONTROL none.

LENGTH OF RECORD July 1, 1928 to date.

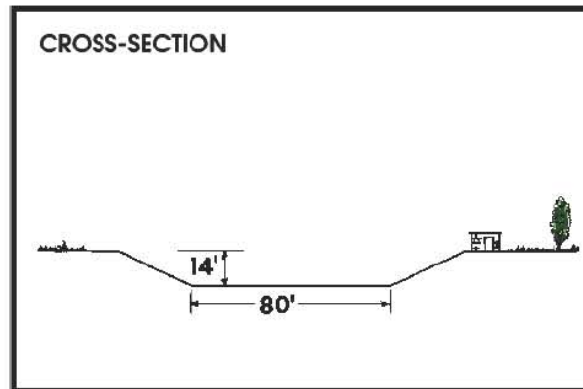
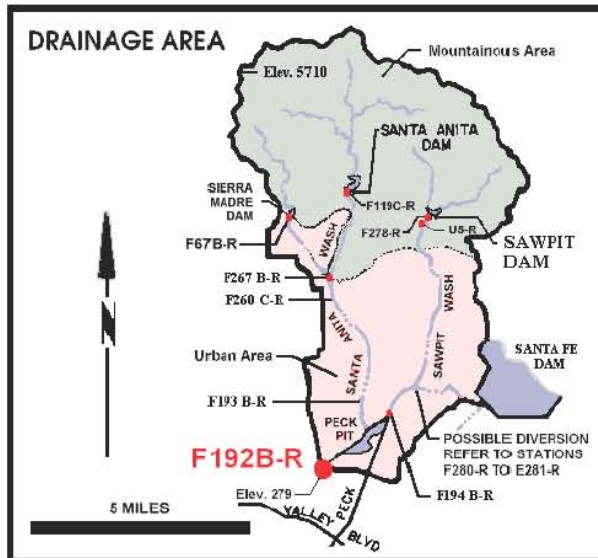
REMARKS subject to diversion; water purchased from the MWD passes this station for spreading in the coastal basin.

RUNOFF - STREAM GAGING STATION INFORMATION

RIO HONDO

below Lower Azusa Avenue

STATION NO. F192B-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading.

DRAINAGE AREA 40.90 square miles.

LOCATION 300 feet downstream from Lower Azusa Road, 1.5 miles north of El Monte.

REGULATION partially regulated by Sierra Madre Dam, Santa Anita Dam, Sawpit Dam, Santa Fe Dam, Peck Pit, Buena Vista Pit, and several debris basins.

DIVERSION none.

CHANNEL concrete, trapezoidal section.

CONTROL channel forms control.

LENGTH OF RECORD at Station F192-R, February 22, 1932 to May 7, 1958; at Station F192B-R, May 7, 1958 to date.

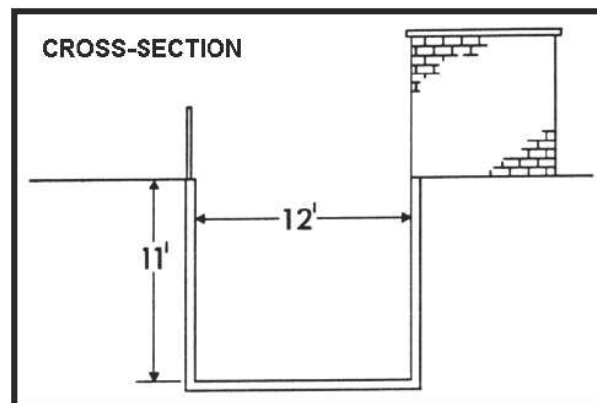
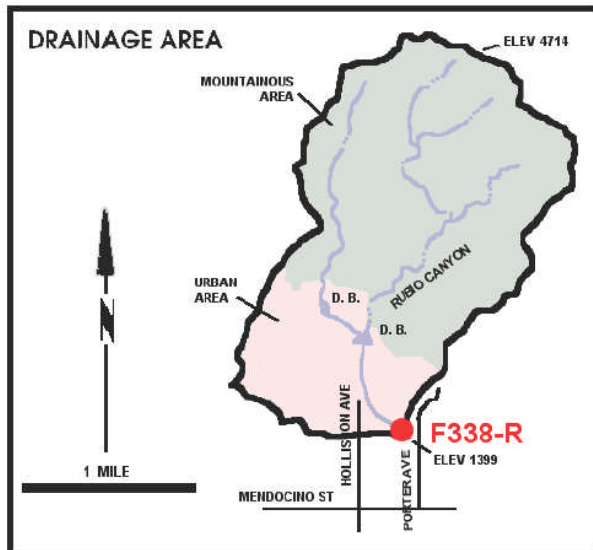
REMARKS subject to diversions from Monrovia, Sawpit, and Little Santa Anita Creeks. Also from the San Gabriel River below Santa Fe Dam; and from irrigation and spreading.

RUNOFF - STREAM GAGING STATION INFORMATION

RUBIO DIVERSION CHANNEL

below Gooseberry Inlet

STATION NO. F338-R



RECORDER 15 min. punch tape.

METHOD OF MEASUREMENT low flows measured by wading. High flows measured from steel footbridge 27 feet above station.

DRAINAGE AREA 2.10 square miles.

LOCATION on the north bank, 375 feet upstream of Crest Drive, 3.5 miles northeast of Pasadena.

REGULATION flow partially regulated by Rubio and Goosebury Debris Basins.

DIVERSION none.

CHANNEL rectangular concrete, 12 feet wide and 11 feet deep.

CONTROL channel forms control.

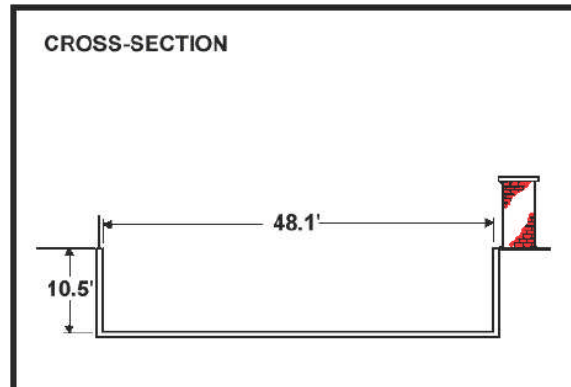
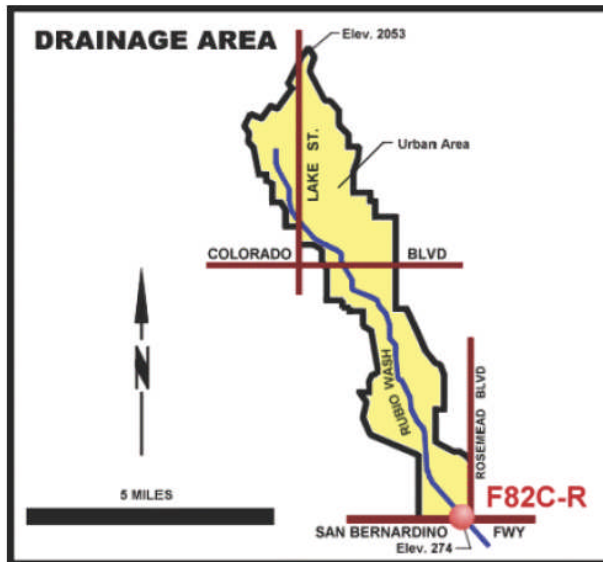
LENGTH OF RECORD December 16, 1959 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

RUBIO WASH

@ Glendon Way

STATION NO. F82C-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT low flows measured by wading. High flows measured from footbridge at station.

DRAINAGE AREA 10.90 square miles.

LOCATION on the east side of channel, 10 feet south of the westerly extension of Glendon Way, Rosemead.

REGULATION partly regulated by Las Flores and Rubio debris basins.

DIVERSION none.

CHANNEL rectangular concrete.

CONTROL channel forms control.

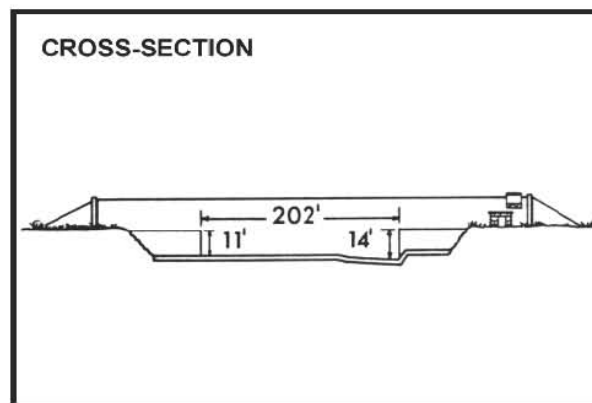
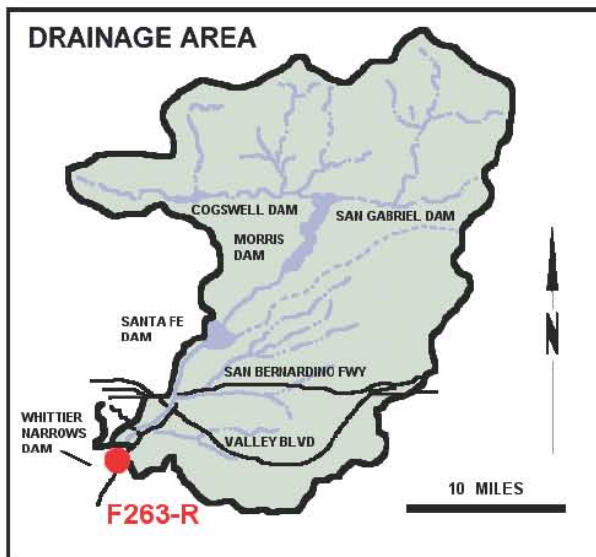
LENGTH OF RECORD see station summary.

RUNOFF - STREAM GAGING STATION INFORMATION

SAN GABRIEL RIVER

below San Gabriel River Parkway

STATION NO. F263C-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 206.30 square miles.

LOCATION 462 feet below San Gabriel River Parkway, 1.4 miles northeast of Pico Rivera.

REGULATION partially regulated by Santa Fe, Big Dalton, Puddingstone Diversion, Puddingstone, and Thompson Creek Dams. Flows may include imported water from several Metropolitan Water District outlets. Waters at times diverted to the Zone one ditch, upstream of Whittier Narrows Dam.

DIVERSION none.

CHANNEL rip-rap slopes with sand bottom trapezoidal section.

CONTROL concrete stabilizer.

LENGTH OF RECORD at Station F263-R, February 4, 1937 to March 6, 1952; at Station F263B-R, March 6, 1952 to August 9, 1968; at Station F263C-R, August 9, 1968 to date.

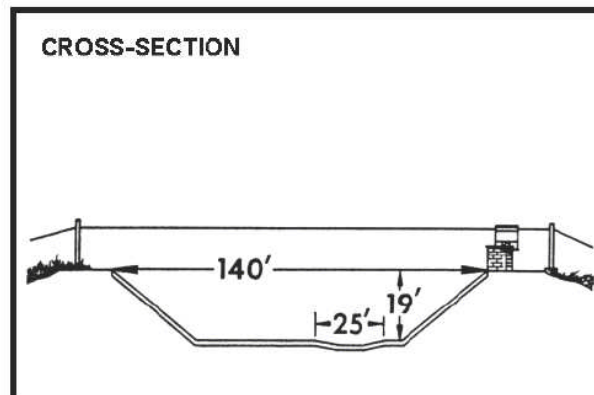
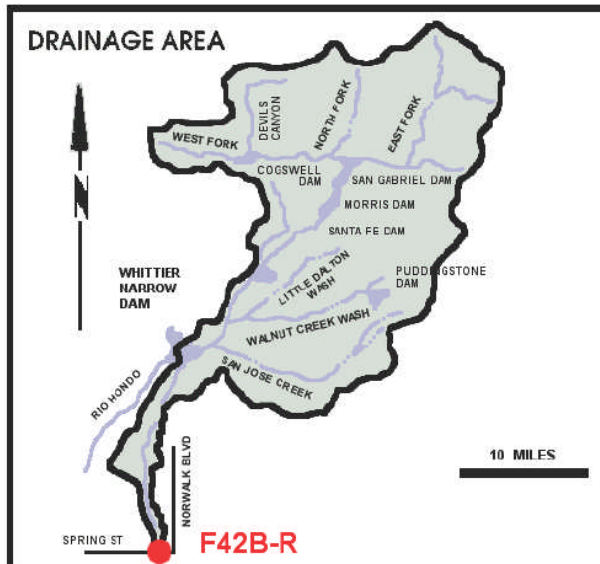
REMARKS

RUNOFF - STREAM GAGING STATION INFORMATION

SAN GABRIEL RIVER

above Spring Street

STATION NO. F42B-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 231 square miles.

LOCATION 455 feet north of Spring Street, 4.0 miles east of Signal Hill, Long Beach.

REGULATION partially regulated by Cogswell, San Gabriel, Morris, Santa Fe, Big Dalton, San Dimas, Puddingstone Diversion, Puddingstone, Live Oak, Thompson Creek, and Whittier Narrows Dams, Several debris basins, MWD outlet, and several spreading grounds.

DIVERSION none.

CHANNEL concrete, trapezoidal section with low flow channel.

CONTROL channel forms control.

LENGTH OF RECORD at Station F42-R, February 6, 1928 to May 26, 1964; at Station F42B-R, November 16, 1964 to date.

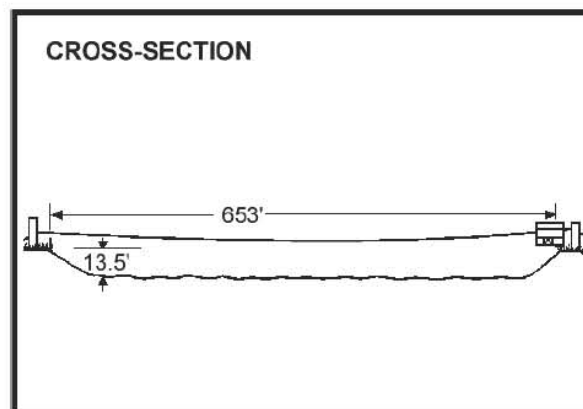
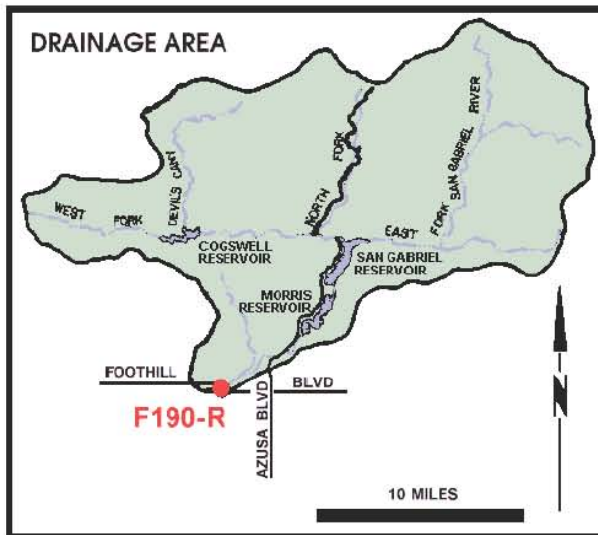
REMARKS high flows into Whittier Narrows Reservoir are partially diverted to the Rio Hondo.

RUNOFF - STREAM GAGING STATION INFORMATION

SAN GABRIEL RIVER

@ Foothill Blvd.

STATION NO. F190-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 230 square miles.

LOCATION downstream side of Foothill Boulevard bridge, 2 miles west of Azusa.

REGULATION partially regulated by Cogswell, San Gabriel, and Morris Dams.

DIVERSION none.

CHANNEL sand, gravel and rock, trapezoidal section with soft bottom.

CONTROL gunited rock stabilizers.

LENGTH OF RECORD February 22, 1932 to date.

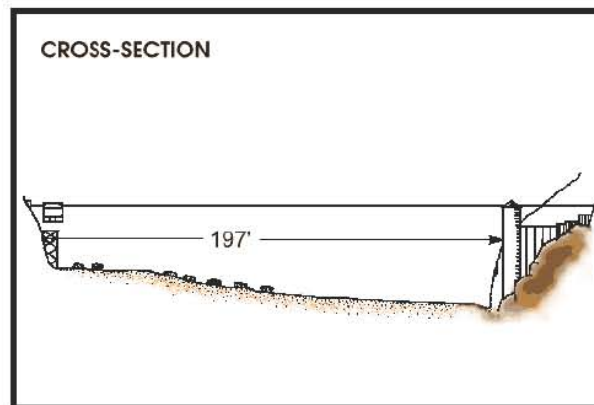
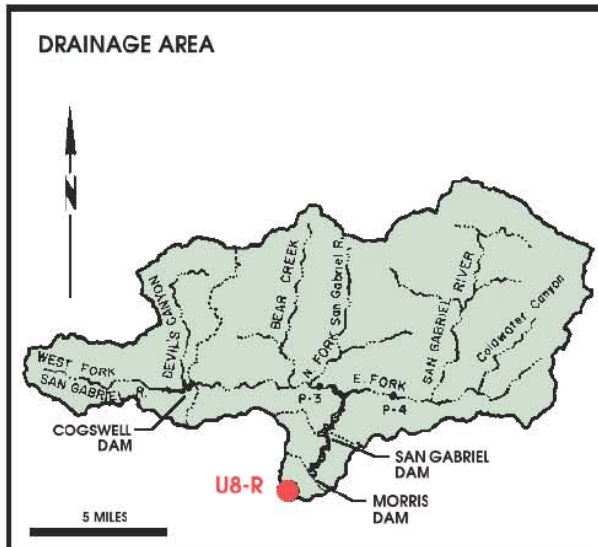
REMARKS flows may include imported originating at the Metropolitan Water District outlet below Morris Dam.

RUNOFF - STREAM GAGING STATION INFORMATION

SAN GABRIEL RIVER

below Morris Dam

STATION NO. U8-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 212.4 square miles.

LOCATION 1.1 miles downstream of Morris Dam, 27 miles northeast of Azusa.

REGULATION all flows regulated by Cogswell Dam, 27 miles northeast of Azusa.

DIVERSION none.

CHANNEL gravel and boulder, natural section.

CONTROL concrete control.

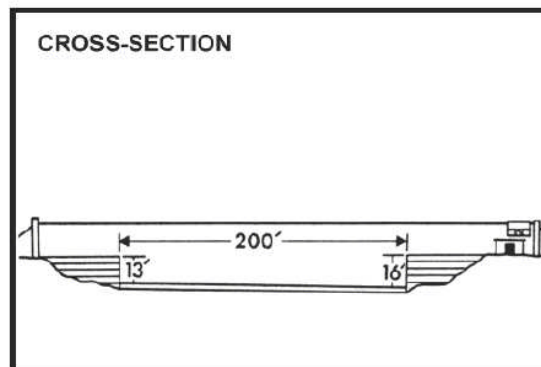
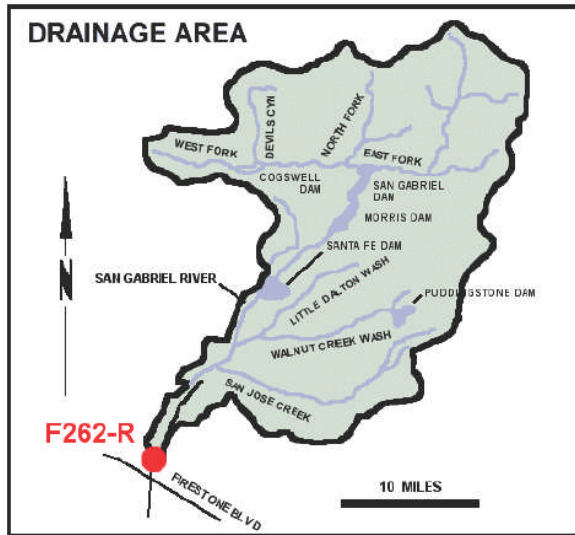
LENGTH OF RECORD May 1894 to date.

REMARKS flows up to 90 cfs are at times diverted past the station through the Azusa Conduit, flows at station may include imported water from the MWD outlet below Morris Dam.

RUNOFF - STREAM GAGING STATION INFORMATION

SAN GABRIEL RIVER

above Florence Avenue
STATION NO. F262C-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 215.80 square miles.

LOCATION 1,400 feet above Florence Avenue, 2 miles east of Downey.

REGULATION partially regulated by Cogswell, San Gabriel, Morris, Santa Fe, Big Dalton, San Dimas, Puddingstone Diversion, Puddingstone, Live Oak, Thompson Creek, and Whittier Narrows Dams, Several debris basin, MWD outlets, and several spreading grounds.

DIVERSION none.

CHANNEL sand bottom with rip-rap slopes, trapezoidal section.

CONTROL concrete stabilizer.

LENGTH OF RECORD at Station F267-R, February 27, 1937 to September 30, 1967; at Station F262B-R, August 6, 1968 to date.

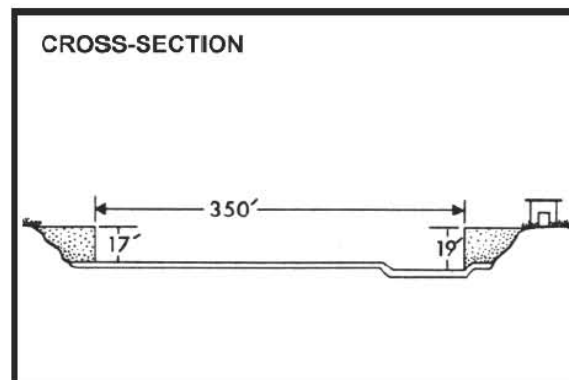
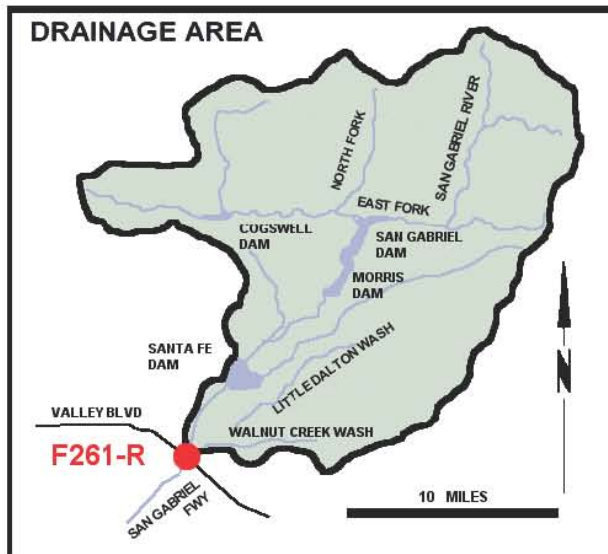
REMARKS no recording during 1967-1968 season due to channel construction.

RUNOFF - STREAM GAGING STATION INFORMATION

SAN GABRIEL RIVER

below Valley Blvd.

STATION NO. F261C-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading.

DRAINAGE AREA 118.00 square miles.

LOCATION 1,150.0 feet below Valley Boulevard, 2.5 miles east of El Monte.

REGULATION partially regulated by Santa Fe, Big Dalton, Puddingstone Diversion, and Puddingstone Dams.

DIVERSION none.

CHANNEL sand and gravel bottom with rip-rap side slopes; trapezoidal section.

CONTROL concrete stabilizer with low-flow notch.

LENGTH OF RECORD at Station F261-R, March 11, 1937 to September 30, 1941; at Station F361B-R, October 1, 1941 to April 23, 1946; at Station F261C-R, November 29, 1960 to date.

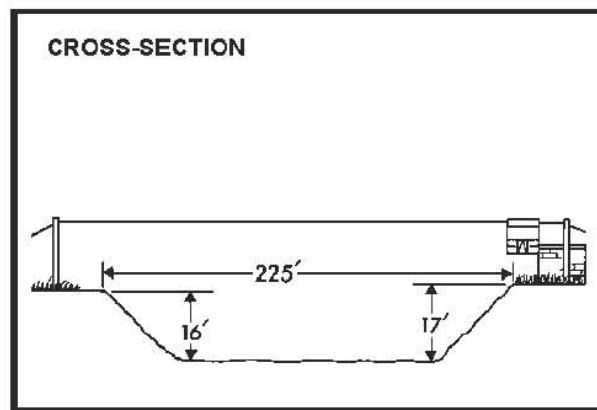
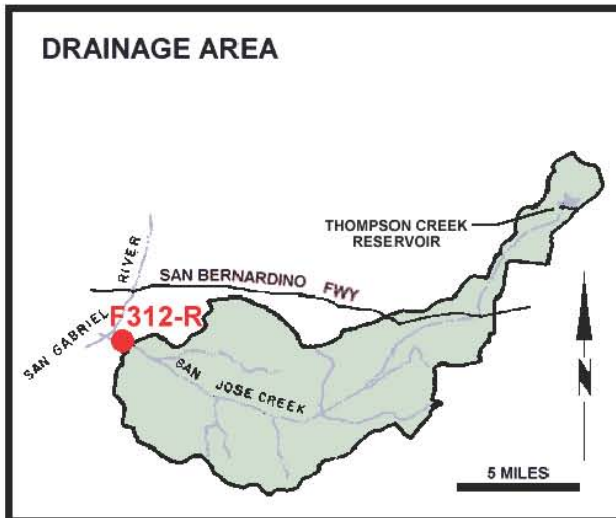
REMARKS flows may include imported water originating at Metropolitan Water District outlets at San Dimas Canyon and below San Bernardino Road.

RUNOFF - STREAM GAGING STATION INFORMATION

SAN JOSE CHANNEL

below Seventh Avenue

STATION NO. F312B-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 83.4 square miles.

LOCATION 1,650 feet above Workman Mill Road, 3 miles southeast of El Monte.

REGULATION partially regulated by Thompson Creek Dam and Pomona Sewage Treatment Plant.

DIVERSION none.

CHANNEL grouted rip-rap side slopes with natural bottom, trapezoidal section.

CONTROL rock stabilizer.

LENGTH OF RECORD September 13, 1955 to date.

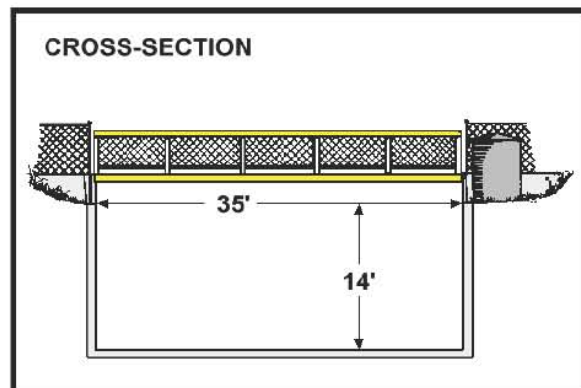
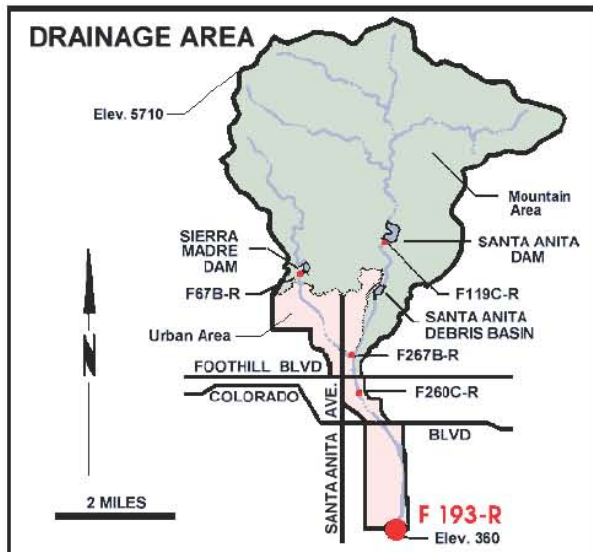
REMARKS

RUNOFF - STREAM GAGING STATION INFORMATION

SANTA ANITA WASH

@ Longden Avenue

STATION NO. F193B-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading or from bridge.

DRAINAGE AREA 18.80 square miles.

LOCATION 30.0 feet above Longden Avenue, 1.5 miles south of Arcadia.

REGULATION regulated by Santa Anita and Sierra Madre Dams, and Santa Anita Debris Basin.

DIVERSION none.

CHANNEL concrete, rectangular section.

CONTROL channel forms control.

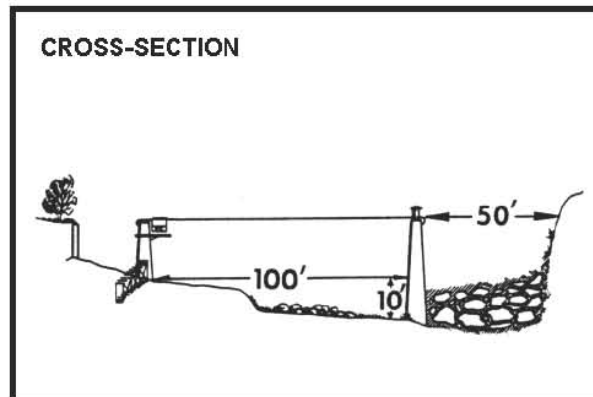
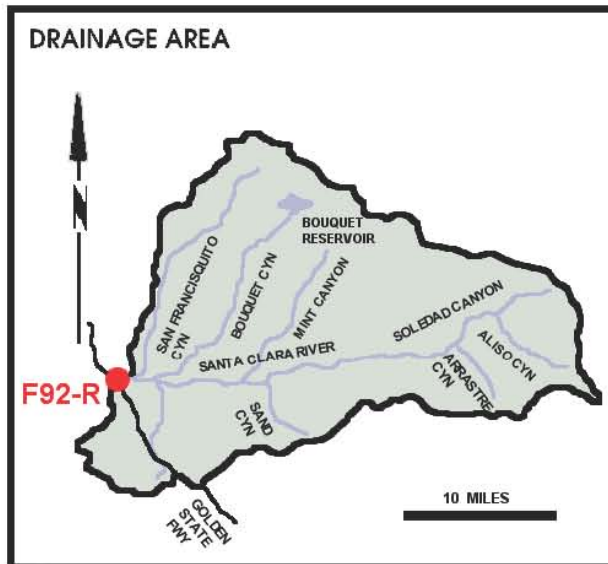
LENGTH OF RECORD at Station F193-R, April 25, 1932 to March 1, 1938; at Station F193B-R, January 5, 1960 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

SANTA CLARA RIVER

@ Old Road Bridge

STATION NO. F92C-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from cable car.

DRAINAGE AREA 410.40 square miles.

LOCATION downstream side of Old Highway bridge, 3 miles west of Saugus.

REGULATION partially regulated by Bouquet Canyon and Dry Canyon Reservoirs.

DIVERSION none.

CHANNEL sand and gravel with brush, natural section.

CONTROL none.

LENGTH OF RECORD at Station F92-R, January 18, 1930 to March 28, 1938, and September 24, 1956 to date; at Station F92B-R, October 1, 1938 to September 24, 1956.

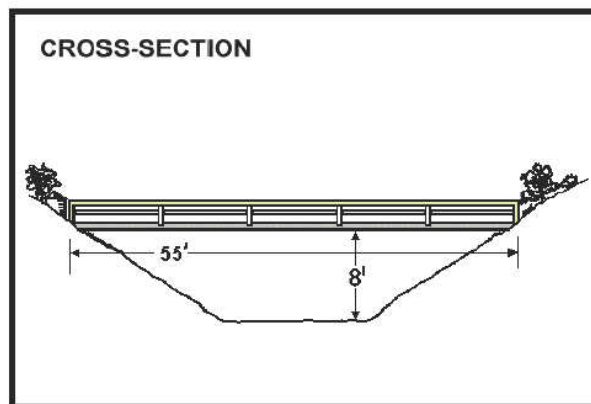
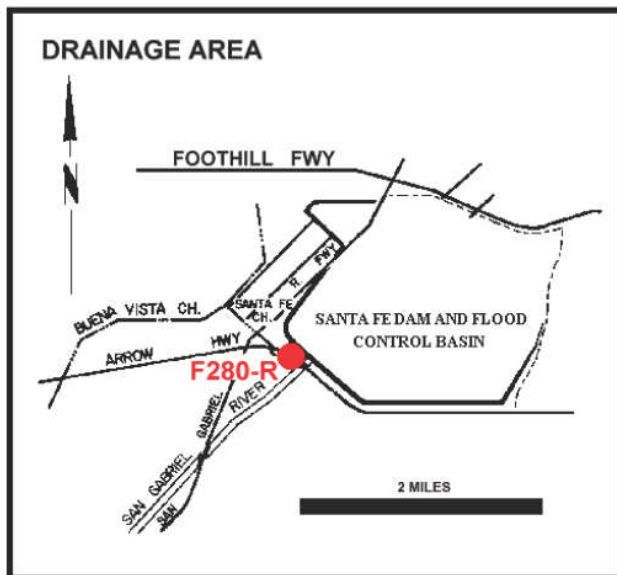
REMARKS subject to diversions for irrigation.

RUNOFF - STREAM GAGING STATION INFORMATION

SANTA FE DIVERSION CHANNEL

below Santa Fe Dam

STATION NO. F280-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading or from footbridge.

DRAINAGE AREA Controlled square miles.

LOCATION 400 feet downstream of Santa Fe Dam outlet and 1.5 miles north of Baldwin Park.

REGULATION flow regulated by five gates of stilling basin outlet of Santa Fe Dam.

DIVERSION none.

CHANNEL sand and gravel, natural section.

CONTROL concrete stabilizer.

LENGTH OF RECORD at Station F280-S, October 1, 1942 to May 12, 1944; at Station F280-R, May 12, 1944 to date.

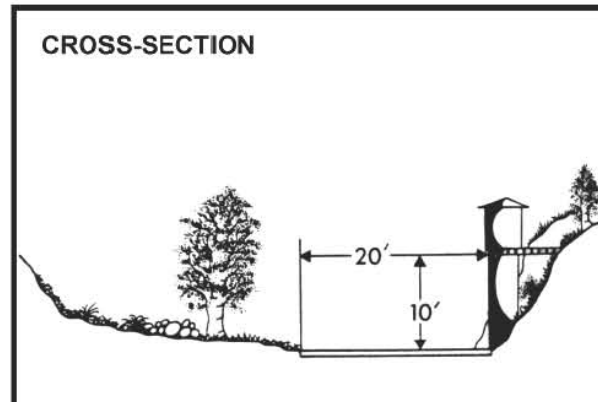
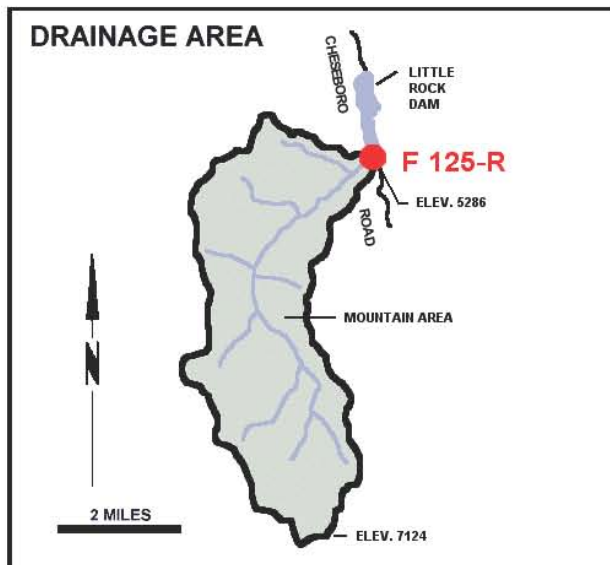
REMARKS

RUNOFF - STREAM GAGING STATION INFORMATION

SANTIAGO CREEK

above Little Rock Creek

STATION NO. F125-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading.

DRAINAGE AREA 11.20 square miles.

LOCATION 1,000 feet above Little Creek and 4.5 miles south of Little Rock.

REGULATION none.

DIVERSION none.

CHANNEL sand, gravel and boulders.

CONTROL concrete and rubble wall.

LENGTH OF RECORD September 29, 1953 to date.

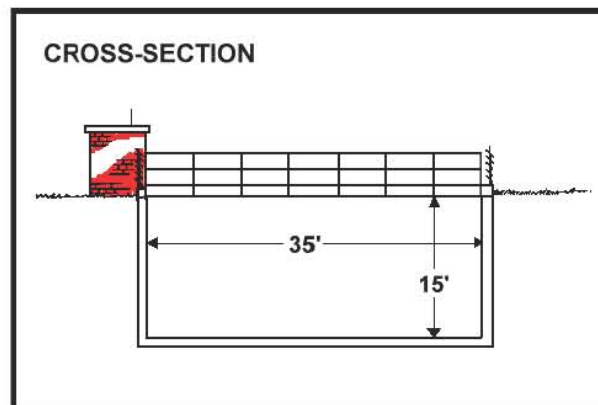
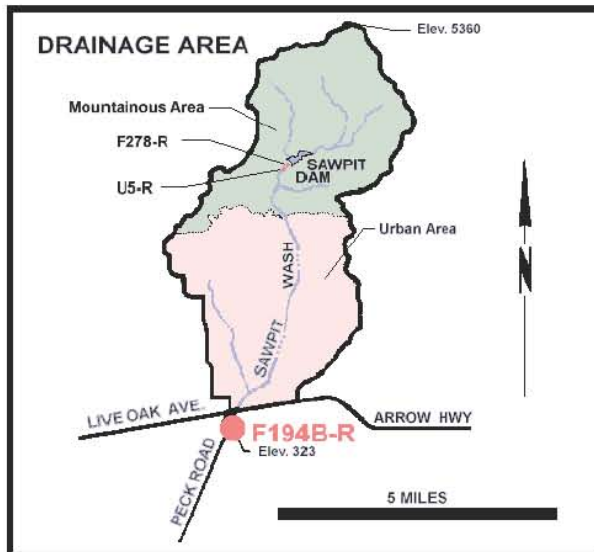
REMARKS no high flow measurements.

RUNOFF - STREAM GAGING STATION INFORMATION

SAWPIT WASH

below Live Oak Avenue

STATION NO. F194B-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading from footbridge.

DRAINAGE AREA 16.10 square miles.

LOCATION 1,500 feet below Arrow Highway, 3.0 miles south of Monrovia.

REGULATION partially regulated by Sawpit and Santa Fe Dams, and several debris basins.

DIVERSION none.

CHANNEL concrete, rectangular section.

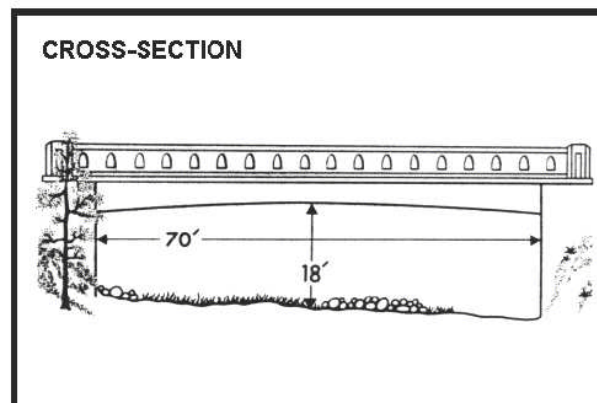
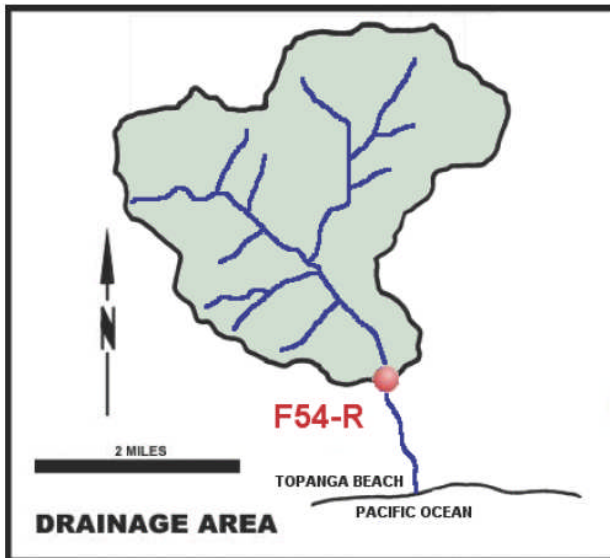
CONTROL channel forms control.

LENGTH OF RECORD at Station F194-R, February 22, 1932 to September 1, 1935; at Station F194B-R, December 5, 1960 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

TOPANGA CREEK

above Mouth of Canyon
STATION NO. F54C-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading.

DRAINAGE AREA 18.00 square miles.

LOCATION downstream side to Topanga Canyon Road bridge, 2.0 miles north of Topanga Beach.

REGULATION none.

DIVERSION none.

CHANNEL rock and gravel, natural section.

CONTROL none.

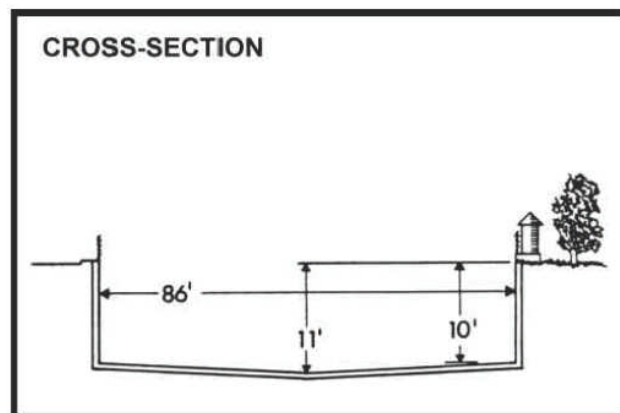
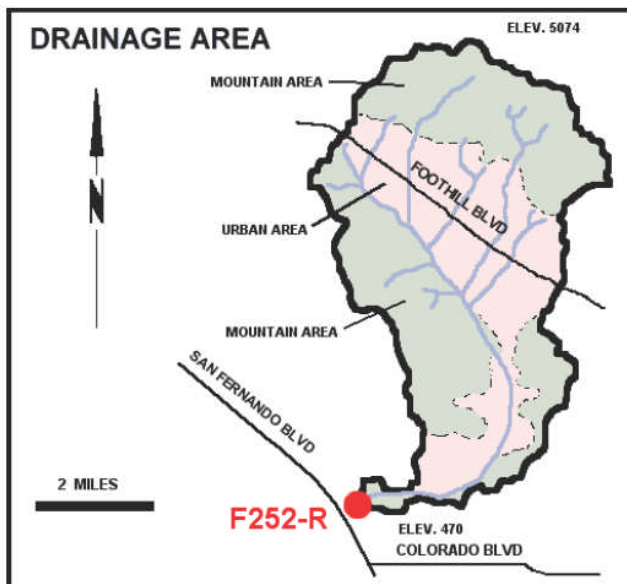
LENGTH OF RECORD at Station F54-R, January 1, 1930 to June 4, 1940; at Station F54B-R, June 5, 1940 to January 31, 1990; at Station 54C-R, October 1, 1997 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

VERDUGO WASH

@ Estelle Avenue

STATION NO. F252-R



RECORDER continuous water stage.

METHOD OF MEASUREMENT wading or from Concord Street bridge.

DRAINAGE AREA 26.80 square miles.

LOCATION 800 feet east of San Fernando Road, 2.0 miles northwest of Glendale.

REGULATION partially regulated by several debris basins.

DIVERSION none.

CHANNEL concrete, rectangular section.

CONTROL channel forms control.

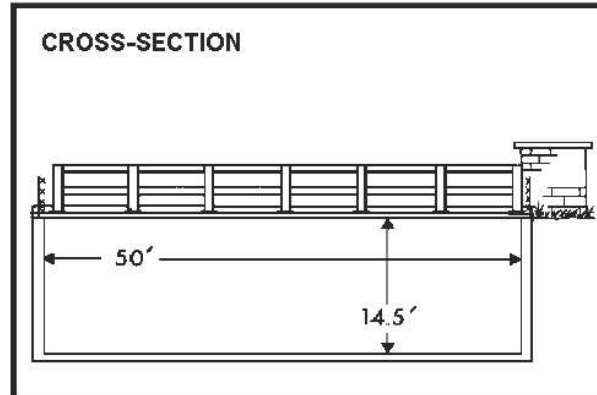
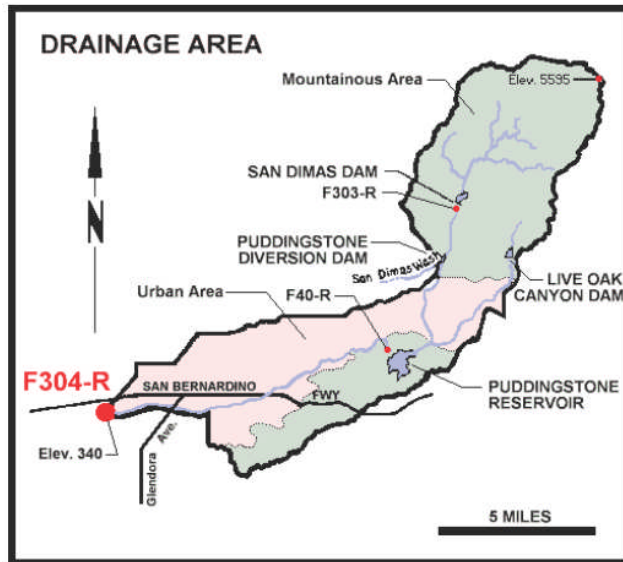
LENGTH OF RECORD December 2, 1935 to date.

RUNOFF - STREAM GAGING STATION INFORMATION

WALNUT CREEK

above Puente Avenue

STATION NO. F304-R



RECORDER 5 min. interval data logger.

METHOD OF MEASUREMENT wading or from footbridge.

DRAINAGE AREA 57.60 square miles.

LOCATION 845.0 feet upstream of Puente Avenue bridge, Baldwin park.

REGULATION partially regulated by San Dimas, Puddingstone Diversion, Puddingstone, and Live Oak Dams.

DIVERSION none.

CHANNEL concrete, rectangular section.

CONTROL channel forms control.

LENGTH OF RECORD October 14, 1952 to April 11, 1961, January 3, 1962 to date.

REMARKS no record during April 11, 1961 to January 3, 1962 due to channel construction.

APPENDIX C

HYDROLOGIC REPORT 1997 – 1998

RUNOFF – DAILY DISCHARGE

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

OF81RO F81D-R ALHAMBRA WASH ABOVE KLINGERMAN

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	.73	3.5	19	1.0	1.3	31	6.6	2.7	2.6	2.6	3.7
2	1.4	.58	.99	19	17	3.0	1.6	26	1.8	4.7	2.5	1.8
3	1.7	.71	.91	41	370	5.2	6.9	19	1.6	2.3	2.4	1.4
4	1.4	.72	.88	65	7.9	4.6	25	32	1.7	2.0	2.6	4.5
5	1.4	.60	48	11	2.3	18	2.4	128	1.7	2.0	2.7	5.6
6	2.0	.56	300	1.2	430	38	1.1	169	1.6	2.2	3.0	2.7
7	1.7	.65	36	.95	727	4.7	1.1	2.9	1.5	2.2	2.7	2.3
8	1.8	.71	3.4	2.5	121	4.7	1.3	2.6	1.8	2.4	2.4	2.2
9	1.8	.78	2.9	329	17	4.7	1.3	2.7	1.8	2.4	2.2	2.4
10	1.8	138	4.8	44	3.9	5.2	1.1	2.2	1.9	2.3	2.4	1.8
11	1.6	2.9	1.0	1.5	1.7	3.9	75	2.6	9.7	2.1	2.7	1.6
12	1.7	.90	1.5	1.2	1.3	2.5	2.0	193	19	2.4	2.4	1.7
13	1.4	48	1.1	9.2	1.2	68	1.3	165	2.1	2.8	2.1	1.7
14	1.7	1.7	1.2	1.0	306	35	1.2	15	2.0	2.6	2.2	2.1
15	1.6	.78	1.2	7.7	3.6	1.2	1.3	6.8	2.2	2.7	2.2	1.8
16	.94	.67	1.2	1.6	28	1.1	1.3	5.8	3.8	2.6	2.2	1.5
17	.90	.80	1.2	1.0	88	1.4	1.3	5.9	2.5	2.6	2.2	1.6
18	1.2	.84	150	.86	1.5	1.2	1.3	6.1	2.2	2.9	2.3	1.7
19	1.2	.88	3.1	30	88	1.1	1.3	7.3	2.2	2.8	2.2	1.8
20	1.2	.96	1.1	.90	9.9	1.2	1.5	7.0	2.0	2.8	1.9	1.8
21	1.1	.99	4.3	1.1	7.4	1.0	1.5	3.0	1.7	2.9	1.7	1.9
22	1.1	1.4	1.1	1.1	257	1.2	1.6	2.4	1.9	3.4	1.8	1.9
23	.98	1.3	1.0	1.3	682	1.3	2.0	2.4	2.4	2.9	2.0	2.1
24	.92	1.3	1.3	1.2	153	4.7	1.6	1.9	3.2	3.0	2.1	2.3
25	.97	1.2	1.2	1.3	4.2	474	1.6	2.2	2.7	2.9	1.8	2.4
26	.74	125	1.4	1.4	2.0	11	1.6	2.0	3.3	2.8	2.2	2.1
27	.63	4.1	1.4	1.3	1.6	9.1	1.7	3.3	3.2	3.1	4.2	2.1
28	.74	1.1	1.6	1.5	1.6	62	2.1	1.6	2.8	2.9	3.0	2.0
29	.70	.91	1.7	133	-----	1.3	5.5	1.5	3.0	2.8	2.6	2.1
30	.70	72	5.2	1.5	-----	1.2	6.4	1.3	3.1	2.7	2.5	1.8
31	.77	-----	17	11	-----	132	-----	2.2	-----	2.7	24	-----
TOTAL	39.29	411.77	601.18	743.31	3,335.1	904.8	185.9	829.3	93.1	83.5	95.8	66.4
MEAN	1.27	13.7	19.4	24.0	119	29.2	6.20	26.8	3.10	2.69	3.09	2.21
MAX	2.0	138	300	329	727	474	75	193	19	4.7	24	5.6
MIN	.63	.56	.88	.86	1.0	1.0	1.1	1.3	1.5	2.0	1.7	1.4
AC-FT	78	817	1,190	1,470	6,620	1,790	369	1,640	185	166	190	132
CAL YEAR 1997	TOTAL	2,581.96	MEAN	7.07	MAX	300	MIN	.33	AC-FT	5,120		
WTR YEAR 1998	TOTAL	7,389.45	MEAN	20.2	MAX	727	MIN	.56	AC-FT	14,660		

ALHAMBRA WASH ABOVE KLINGERMAN STATION F-81DR STEVEN
 AXSYS RECORDER DATA AS OF 10-15-98 BY SOO KHOO
 MAXIMUM INSTANTANEOUS PEAK WAS 7,770 CFS AT 1235 ON 02/06/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F317RO F317-R ARCADIA WASH @ GRAND AVE.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	.68	5.6	.82	.89	4.7	20	2.2	3.4	1.2	2.5	3.5
2	1.5	.67	1.1	.87	2.0	4.5	2.4	16	3.3	1.2	2.4	3.0
3	1.7	.86	1.0	22	187	3.8	6.2	9.8	3.3	1.2	2.4	2.8
4	1.5	1.1	1.0	27	2.0	3.6	28	16	3.6	1.1	2.6	2.7
5	1.3	1.0	30	1.1	.93	25	2.3	127	3.4	1.1	3.7	3.3
6	1.0	.96	202	.89	204	32	2.0	149	3.3	1.1	2.7	3.0
7	.93	1.1	37	.89	323	2.9	1.8	3.2	3.3	1.1	2.7	3.2
8	.90	.96	2.0	.88	85	2.5	1.7	2.7	3.6	1.2	2.6	3.4
9	.90	1.0	1.1	160	9.2	2.4	2.8	2.6	3.4	1.1	2.8	2.5
10	.92	92	.89	50	1.6	1.9	1.6	2.1	2.2	1.2	2.9	2.0
11	.91	2.0	.99	1.5	1.4	1.6	55	2.4	4.3	.93	2.6	1.9
12	1.1	1.3	.93	1.2	1.4	1.6	2.3	149	34	1.0	2.8	1.9
13	1.1	63	.91	6.0	1.3	37	2.3	116	1.4	.98	2.9	2.7
14	.93	1.4	.92	.95	164	37	1.8	5.9	1.1	.96	2.5	2.1
15	.93	1.0	.98	3.3	3.2	1.7	1.9	4.7	1.1	3.1	2.7	2.0
16	1.1	.91	1.0	1.0	32	1.8	2.0	4.2	5.3	2.6	2.7	2.2
17	1.2	.86	.76	.98	77	1.8	1.9	4.0	1.4	2.3	2.9	2.3
18	1.1	.89	57	1.2	1.5	1.4	1.7	4.0	1.1	2.3	2.5	2.2
19	1.1	.91	1.1	20	50	1.2	1.6	3.7	1.1	2.1	4.2	2.1
20	1.5	1.0	.79	.88	8.9	2.0	1.8	3.7	1.0	2.4	2.4	2.2
21	1.4	1.3	12	.93	1.6	1.2	1.9	3.9	2.0	2.6	2.2	2.4
22	.90	1.4	.97	.87	148	1.2	1.8	3.8	1.1	2.6	2.0	2.2
23	.67	1.4	1.0	.85	489	1.3	1.9	3.9	.95	2.7	2.0	2.0
24	.69	1.1	.81	.93	121	1.3	1.9	3.6	1.0	2.7	1.8	1.8
25	.63	1.1	.79	.88	18	233	1.7	5.9	1.1	2.7	1.7	1.9
26	.61	108	.84	.85	9.1	5.3	1.7	3.5	1.0	2.7	1.6	1.9
27	.64	6.8	.77	.84	6.3	15	1.7	3.3	1.0	2.8	1.9	2.2
28	.66	5.0	.82	.89	5.4	51	1.9	3.3	1.0	2.7	2.0	2.0
29	.70	4.8	.88	63	-----	2.0	1.8	3.3	1.0	2.7	1.8	1.9
30	.77	91	.84	1.0	-----	2.3	2.1	3.3	1.1	3.1	1.7	1.9
31	.72	-----	.91	.96	-----	117	-----	3.3	-----	3.2	3.4	-----
TOTAL	31.41	395.50	367.70	373.46	1,954.72	601.0	159.5	669.3	95.85	60.67	77.6	71.2
MEAN	1.01	13.2	11.9	12.0	69.8	19.4	5.32	21.6	3.20	1.96	2.50	2.37
MAX	1.7	108	202	160	489	233	55	149	34	3.2	4.2	3.5
MIN	.61	.67	.76	.82	.89	1.2	1.6	2.1	.95	.93	1.6	1.8
AC-FT	62	784	729	741	3,880	1,190	316	1,330	190	120	154	141
CAL YEAR 1997	TOTAL	1,819.99	MEAN	4.99	MAX	202	MIN	.47	AC-FT	3,610		
WTR YEAR 1998	TOTAL	4,857.91	MEAN	13.3	MAX	489	MIN	.61	AC-FT	9,640		

10/06/98,EE

MAXIMUM INSTANTANEOUS PEAK WAS 2,850 CFS AT 1240 ON 02/06/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 F250RO F250-R AZUSA CONDUIT (SANDBOX 20' WEIR).

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	40	0	29	48	60	15	59	74	74	66	68
2	46	40	0	28	39	62	0	60	78	75	62	72
3	45	14	0	28	27	63	16	61	83	77	64	70
4	45	0	0	30	28	66	33	61	82	74	66	71
5	46	0	0	28	34	64	32	63	80	75	66	71
6	46	0	0	26	35	62	52	61	80	77	66	70
7	46	0	0	28	37	63	62	59	79	77	66	66
8	42	0	0	32	35	64	62	57	78	77	65	68
9	40	0	0	32	31	65	62	56	78	76	65	73
10	39	0	19	32	30	65	65	56	77	77	69	72
11	39	0	27	32	30	64	65	57	70	78	70	73
12	41	0	25	33	30	63	63	58	67	77	69	75
13	41	0	25	32	30	62	61	61	67	72	70	82
14	36	0	25	30	31	60	60	60	68	71	72	78
15	40	0	25	29	33	58	60	60	70	72	70	63
16	41	0	27	34	32	57	60	59	70	72	68	70
17	37	0	29	35	62	56	60	61	71	73	68	71
18	43	0	29	35	83	61	61	63	72	73	67	72
19	47	0	27	35	71	63	62	68	70	71	67	71
20	44	0	28	34	66	63	61	73	72	72	66	68
21	48	0	28	35	64	60	61	73	72	72	66	74
22	46	0	27	35	65	60	60	75	71	72	66	77
23	42	0	27	38	62	58	59	74	72	72	67	75
24	43	0	29	39	56	59	59	76	72	71	65	73
25	43	0	29	40	65	60	56	78	73	70	65	74
26	43	0	28	40	62	61	58	80	76	69	68	73
27	43	0	28	41	58	64	58	79	75	74	72	70
28	43	0	28	41	58	65	61	78	76	75	71	71
29	42	0	29	43	-----	66	62	77	75	70	72	74
30	41	0	30	46	-----	67	60	76	74	68	72	73
31	41	-----	30	45	-----	68	-----	75	-----	67	73	-----
TOTAL	1,327	94	599	1,065	1,302	1,929	1,606	2,054	2,222	2,270	2,099	2,158
MEAN	42.8	3.13	19.3	34.4	46.5	62.2	53.5	66.3	74.1	73.2	67.7	71.9
MAX	48	40	30	46	83	68	65	80	83	78	73	82
MIN	36	0	0	26	27	56	0	56	67	67	62	63
AC-FT	2,630	186	1,190	2,110	2,580	3,830	3,190	4,070	4,410	4,500	4,160	4,280
CAL YEAR 1997	TOTAL	17,421	MEAN	47.7	MAX	82	MIN	0	AC-FT	34,550		
WTR YEAR 1998	TOTAL	18,725	MEAN	51.3	MAX	83	MIN	0	AC-FT	37,140		

Data as of 10/06/98 MB
 MAXIMUM INSTANTANEOUS PEAK WAS 109 CFS AT 1455 ON 07/04/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

0F38RO

F38C-R BALLONA CREEK ABOVE SAWTELLE

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	17	23	15	10	30	133	19	26	27	28	12
2	12	18	12	14	458	53	19	70	24	29	29	11
3	12	19	10	121	2,290	23	32	26	27	28	28	12
4	12	19	10	427	36	22	270	523	28	26	25	12
5	12	20	749	17	15	48	24	705	27	28	14	11
6	13	20	1,420	16	2,470	149	22	311	26	25	11	12
7	13	21	95	15	1,950	18	21	18	28	25	11	12
8	12	19	20	16	480	18	19	17	31	25	10	13
9	13	18	12	1,670	106	18	19	16	32	24	11	14
10	13	491	12	365	25	18	19	17	40	22	10	11
11	12	21	11	19	20	18	713	17	44	19	8.9	11
12	12	12	12	18	18	18	28	768	32	17	9.1	10
13	12	253	12	87	16	147	20	826	25	14	9.2	11
14	13	14	12	12	2,570	146	19	20	27	12	9.8	12
15	15	12	12	21	40	17	19	20	26	12	8.3	15
16	12	11	12	13	95	17	19	18	21	13	9.0	14
17	12	17	11	9.9	360	17	19	21	19	13	9.9	14
18	12	12	921	10	18	17	19	19	21	14	9.3	15
19	12	11	16	133	713	17	19	18	22	13	8.5	16
20	13	11	12	10	73	17	19	18	21	16	9.3	11
21	13	11	11	9.8	77	17	19	19	22	20	9.6	12
22	14	10	11	9.3	2,280	16	22	20	25	15	9.9	11
23	14	10	11	9.3	3,040	16	21	20	24	18	9.8	11
24	14	11	11	8.8	1,020	23	20	21	24	19	11	11
25	13	11	11	8.6	82	2,460	19	24	23	21	10	11
26	14	653	12	9.4	65	38	19	26	21	24	10	11
27	16	35	15	10	48	28	19	29	24	25	10	11
28	16	13	13	9.8	36	244	20	32	21	22	11	12
29	20	14	15	927	-----	22	19	34	21	24	11	14
30	19	592	16	11	-----	18	21	32	24	25	11	13
31	19	-----	14	25	-----	541	-----	32	-----	26	11	-----
TOTAL	421	2,396	3,534	4,046.9	18,411	4,251	1,671	3,756	776	641	382.6	366
MEAN	13.6	79.9	114	131	658	137	55.7	121	25.9	20.7	12.3	12.2
MAX	20	653	1,420	1,670	3,040	2,460	713	826	44	29	29	16
MIN	12	10	10	8.6	10	16	19	16	19	12	8.3	10
AC-FT	835	4,750	7,010	8,030	36,520	8,430	3,310	7,450	1,540	1,270	759	726
CAL YEAR 1997	TOTAL	16,293.8	MEAN	44.6	MAX	1,420	MIN	9.7	AC-FT	32,320		
WTR YEAR 1998	TOTAL	40,652.5	MEAN	111	MAX	3,040	MIN	8.3	AC-FT	80,630		

As of 10/08/98 .RV.

MAXIMUM INSTANTANEOUS PEAK WAS 22,900 CFS AT 1225 ON 02/06/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 F377RO

F377-R BOUQUET CANYON CREEK AT URBANDALE

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	.43	.75	0	.08	.45	2.8	0	2.3	.01	0	.01
2	.01	0	0	0	1.4	.45	1.9	0	2.8	0	0	5.9
3	.13	0	0	0	54	.37	.42	.01	2.6	.03	.04	.83
4	.11	0	0	.26	1.9	.36	1.1	19	1.9	.02	0	.51
5	.14	0	63	0	.49	.23	.64	15	1.4	0	0	.37
6	.12	.33	69	0	28	.25	.95	1.3	1.5	.02	0	.15
7	.09	1.7	0	0	33	.14	.63	.02	1.5	0	0	0
8	.11	3.8	0	0	4.2	.12	.01	0	2.0	0	0	0
9	.11	7.7	0	.49	.41	.04	0	.31	2.2	0	0	0
10	.25	24	0	1.1	.15	0	0	.95	2.5	0	0	0
11	.12	0	0	.14	.07	0	.36	1.5	2.4	0	.01	0
12	.09	.01	0	0	0	0	.20	19	2.5	0	0	0
13	.05	.02	0	0	.05	1.5	0	46	2.5	0	0	0
14	.06	0	0	0	10	.98	.01	36	2.5	0	0	0
15	.16	0	0	0	2.9	0	.03	34	2.5	0	0	.01
16	.20	0	.01	0	2.4	0	0	20	2.7	0	0	.04
17	.45	0	0	0	2.9	0	0	8.4	2.3	0	.02	.02
18	.25	0	.49	0	1.1	0	0	4.0	1.8	0	.03	0
19	.31	0	.02	.26	4.5	0	0	2.4	1.7	0	.04	0
20	.35	0	0	0	3.9	0	0	2.4	1.4	0	.04	0
21	.34	0	0	0	5.9	0	0	2.3	1.2	0	.03	.02
22	.82	.12	0	0	101	0	0	2.2	.95	0	.02	.01
23	.28	.12	0	0	258	0	0	2.2	.91	0	.05	.01
24	.25	.10	0	0	100	0	0	2.2	.75	0	.06	0
25	.11	0	0	0	3.2	14	0	2.4	.60	0	.03	.01
26	2.5	5.5	0	0	1.6	1.9	0	2.3	.55	0	0	0
27	0	.09	0	0	.89	.20	0	2.1	.33	0	0	0
28	.06	0	0	0	.64	6.4	0	1.7	.19	0	0	.11
29	.34	0	0	1.9	-----	2.5	0	1.4	.02	0	0	.12
30	.53	6.2	0	.01	-----	.02	0	1.3	.03	0	0	.12
31	1.1	-----	0	.36	-----	8.8	-----	1.5	-----	0	0	-----
TOTAL	9.45	50.12	133.27	4.52	622.68	38.71	9.05	231.89	48.53	0.08	0.37	8.24
MEAN	.30	1.67	4.30	.15	22.2	1.25	.30	7.48	1.62	.003	.012	.27
MAX	2.5	24	69	1.9	258	14	2.8	46	2.8	.03	.06	5.9
MIN	0	0	0	0	0	0	0	0	.02	0	0	0
AC-FT	19	99	264	9.0	1,240	77	18	460	96	.2	.7	16
CAL YEAR 1997	TOTAL	311.50	MEAN	.85	MAX	69	MIN	0	AC-FT	618		
WTR YEAR 1998	TOTAL	1,156.91	MEAN	3.17	MAX	258	MIN	0	AC-FT	2,290		

Gage sanded from 2/25 @1255 to 3/10 @0750. Gage has periods of no communication
 3/10-3/31,4/1,4/20-4/23,5/6-5/12,5/17-5/31,6/1-6/30,7/1-7/31,8/1-9/2,9/23-9/30.
 Doubtful communication 9/15-9/17
 MAXIMUM INSTANTANEOUS PEAK WAS 731 CFS AT 1450 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F329RO F329-R BRADBURY CHANNEL @ CENTRAL

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.03	.03	.03	.07	.07	.30	.91	.31	.31	10	.03	.03
2	.04	.04	.03	.05	.05	.20	.13	.32	.64	11	.03	.04
3	.07	.03	.08	.47	16	.34	.16	.67	.64	9.7	.03	.03
4	.05	.03	.07	1.8	.04	.16	.44	1.6	1.0	9.0	.03	.03
5	.03	.03	.34	.03	.03	2.1	.09	8.3	.82	9.7	.04	.03
6	.03	.03	17	.03	23	.45	.08	16	.98	.90	.03	.03
7	.03	.03	.58	.09	48	.05	.09	.05	1.1	.09	.03	.03
8	.03	.03	.21	.03	6.1	.03	.09	.04	1.4	.10	.09	.03
9	.03	.03	.08	21	.25	.03	.08	.04	1.6	.10	.03	.03
10	.03	3.0	.06	1.9	.11	.03	.07	.03	1.9	.05	.03	.03
11	.03	.03	.04	.06	.03	.03	.45	.09	2.3	.05	.03	.03
12	.03	.03	.03	.03	.04	.04	.09	12	5.0	.05	.03	.03
13	.03	1.1	.03	.20	.03	1.2	.14	4.3	2.8	.04	.03	.03
14	.03	.03	.03	.03	18	.24	.09	.08	3.0	.03	.03	.03
15	.03	.03	.03	.08	.12	.03	.09	.07	3.2	.04	.03	.03
16	.03	.03	.03	.07	1.3	.04	.08	.07	8.7	.04	.03	.03
17	.03	.03	.03	.07	3.7	.04	.08	.07	4.2	.05	.03	.03
18	.03	.03	1.8	.07	.07	.03	.08	.07	4.1	.03	.03	.03
19	.03	.03	.03	.46	3.3	.03	.07	.07	3.7	.03	.03	.03
20	.03	.03	.03	.08	.18	.03	.20	.08	5.4	.03	.03	.03
21	.04	.03	.15	.08	.03	.03	.22	.10	6.1	.03	.03	.03
22	.03	.03	.03	.35	17	.03	.18	.10	5.8	.03	.03	.03
23	.04	.03	.05	.07	71	.04	.25	.10	4.7	.03	.03	.03
24	.03	.03	.07	.07	13	.03	.30	.19	4.7	.03	.03	.03
25	.03	.03	.08	.07	1.4	24	.30	.33	5.4	.03	.03	.03
26	.03	8.4	.07	.08	.84	.24	.30	.22	6.6	.03	.03	.03
27	.03	.03	.07	.08	.71	.83	.23	.24	7.1	.03	.03	.03
28	.03	.03	.07	.07	.30	7.4	.28	.31	9.1	.03	.03	.03
29	.03	.03	.08	2.1	-----	.30	.31	.31	6.7	.03	.03	.03
30	.04	1.2	.07	.07	-----	.18	.30	.31	7.1	.03	.03	.03
31	.03	-----	.07	.07	-----	8.5	-----	.30	-----	.03	.03	-----
TOTAL	1.03	14.49	21.37	29.73	224.70	46.98	6.18	46.77	116.09	51.36	1.00	0.91
MEAN	.033	.48	.69	.96	8.03	1.52	.21	1.51	3.87	1.66	.032	.030
MAX	.07	8.4	17	21	71	24	.91	16	9.1	11	.09	.04
MIN	.03	.03	.03	.03	.03	.03	.07	.03	.31	.03	.03	.03
AC-FT	2.0	29	42	59	446	93	12	93	230	102	2.0	1.8
CAL YEAR 1997	TOTAL	233.17	MEAN	.64	MAX	21	MIN	.03	AC-FT	463		
WTR YEAR 1998	TOTAL	560.61	MEAN	1.54	MAX	71	MIN	.03	AC-FT	1,110		

10/05/98,EE

MAXIMUM INSTANTANEOUS PEAK WAS 400 CFS AT 2045 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F342RO F342-R BRANFORD STREET CHANNEL

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.19	.15	.28	.16	2.4	.21	5.1	.17	.18	.26	.24	.31
2	.19	.15	.17	.14	7.7	.22	.39	3.3	.17	.27	.24	.30
3	.19	.16	.24	.78	79	.22	.33	1.4	.18	.25	.25	7.8
4	.21	.16	.21	17	.29	.18	2.5	36	.20	.25	.25	.31
5	.16	.17	60	.23	.15	10	.55	32	.23	.20	.26	.27
6	.15	.20	56	.12	51	9.5	.18	1.2	.22	.26	.25	.26
7	.15	.19	3.0	.13	84	.16	.13	.22	.22	.29	.26	.26
8	.15	.20	.32	.29	18	.14	.14	.17	.24	.27	.26	.24
9	.15	.16	.16	39	.86	.12	.16	.27	.22	.25	.24	.24
10	.15	40	.07	6.1	.24	.13	.21	.14	.24	.26	.27	.24
11	.15	.28	.07	.22	.21	.15	11	.14	1.9	.24	.26	.24
12	.15	.23	.07	.22	.24	.13	.20	23	2.3	.24	.26	.25
13	.15	12	.10	4.1	.17	12	.52	21	.19	.26	.28	.23
14	.15	.20	.12	.18	48	3.8	.17	.28	.20	.24	.28	.24
15	.15	.18	.11	1.1	.27	.20	.11	.18	.23	.25	.27	.23
16	.15	.15	.11	.27	3.2	.17	.11	.16	.40	.27	.29	.25
17	.15	.13	.13	.19	9.2	.16	.12	.15	.23	.28	.25	.25
18	.15	.19	25	.17	.18	.19	.18	.16	.22	.26	.28	.25
19	.15	.27	.22	6.8	28	.14	.11	.15	.23	.28	.25	.27
20	.15	.19	.14	.15	.82	.18	.13	.17	.24	.26	.26	.25
21	.15	.11	.12	.14	2.1	.17	.19	.18	.21	.25	.26	.26
22	.15	.14	.11	.16	58	.17	.18	.16	.24	.24	.23	.25
23	.15	.12	.14	.15	124	.16	.15	.18	.19	.25	.24	.26
24	.15	.12	.25	.17	13	.13	.16	.18	.21	.27	.29	.25
25	.15	.16	.11	.15	.30	101	.17	.20	.21	.25	.28	.27
26	.15	17	.12	.15	.25	.31	.15	.19	.24	.24	.27	.27
27	.15	.26	.13	.14	.24	.26	.14	.18	.23	.31	.27	.37
28	.15	.20	.14	.22	.22	3.9	.13	.18	.21	.30	.29	.25
29	.15	.23	.16	15	-----	.19	.15	.22	.24	.28	.28	.23
30	.15	20	.13	.17	-----	.16	.15	.19	.25	.26	.30	.24
31	.15	-----	.16	.18	-----	38	-----	.18	-----	.26	.31	-----
TOTAL	4.84	93.70	148.09	93.98	532.04	182.45	23.91	122.30	10.47	8.05	8.22	15.34
MEAN	.16	3.12	4.78	3.03	19.0	5.89	.80	3.95	.35	.26	.27	.51
MAX	.21	40	60	39	124	101	11	36	2.3	.31	.31	7.8
MIN	.15	.11	.07	.12	.15	.12	.11	.14	.17	.20	.23	.23
AC-FT	9.6	186	294	186	1,060	362	47	243	21	16	16	30
CAL YEAR 1997	TOTAL	455.48	MEAN	1.25	MAX	60	MIN	.07	AC-FT	903		
WTR YEAR 1998	TOTAL	1,243.39	MEAN	3.41	MAX	124	MIN	.07	AC-FT	2,470		

Recorder inoperative; Dates: 10/09/97 thru 11/04/97.
 MAXIMUM INSTANTANEOUS PEAK WAS 1,240 CFS AT 2100 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

E285RO E285-R BURBANK WESTERN STORM DRAIN

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	11	12	8.6	12 *	16	52	14	14	14	15	12
2	11	10	11	11	15 *	14	40	16	13	14	15	13
3	10	10	10	22	345 *	13	38	12	12	11	18	20
4	10	11	10	44	13 *	14	36	144	13	11	19	15
5	10	11	203	17	9.7*	36	38	217	13	11	20	13
6	11	11	264	11	251 *	81	30	59	12	11	18	12
7	10	11	15	11	482 *	35	14	19	11	11	19	14
8	9.8	11	12	11	208	24	14	16	13	11	16	14
9	9.8	11	11	181	116	19	18	17	14	12	15	14
10	10	110	11	29	54	17	16	14	14	12	20	14
11	10	12	11	11	32	15	65	14	17	11	18	14
12	11	12	13	12	22	13	15	133	22	11	21	12
13	11	35	14	23	17	78	17	176	13	10	16	12
14	9.8	13	13	12	181	30	15	42	13	11	12	12
15	9.7	12	9.9	14	94	13	14	23	13	13	11	13
16	10	11	10	13	47	13	15	17	14	13	11	13
17	9.6	12	9.8	14	66	12	14	16	12	13	12	12
18	9.7	12	130	11	21	12	14	15	13	12	12	13
19	10	13	11	23	97	14	14	16	13	12	12	12
20	11	12	9.9	12	21	11	15	15	12	13	11	12
21	11	12	9.8	12	14	12	14	15	12	11	11	12
22	10	12	11	12	207	12	14	15	12	10	10	12
23	11	12	12	12	844	13	15	13	12	10	10	12
24	11	12	10	11	261	16	15	13	12	11	12	13
25	11	13	8.4	10	149	514	13	14	12	9.6	11	14
26	11	133	11	9.0	19	26	13	14	11	10	12	13
27	11	13	11	8.6	16	23	12	15	11	11	13	16
28	11	10	12	9.5	15	46	13	16	11	11	13	13
29	11	9.9	12	84	-----	17	12	15	12	11	12	13
30	11	91	12	12	-----	16	14	13	13	10	12	13
31	11	-----	11	12	-----	172	-----	13	-----	15	13	-----
TOTAL	323.4	668.9	910.8	682.7	3,628.7	1,347	629	1,151	389	356.6	440	397
MEAN	10.4	22.3	29.4	22.0	130	43.5	21.0	37.1	13.0	11.5	14.2	13.2
MAX	11	133	264	181	844	514	65	217	22	15	21	20
MIN	9.6	9.9	8.4	8.6	9.7	11	12	12	11	9.6	10	12
AC-FT	641	1,330	1,810	1,350	7,200	2,670	1,250	2,280	772	707	873	787
CAL YEAR 1997	TOTAL	4,830.3	MEAN	13.2	MAX	264	MIN	6.5	AC-FT	9,580		
WTR YEAR 1998	TOTAL	10,924.1	MEAN	29.9	MAX	844	MIN	8.4	AC-FT	21,670		

Recorder inoperative, record estimated; 1/29/98 to 2/7/98.
 MAXIMUM INSTANTANEOUS PEAK WAS NOT DETERMINED.

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 0F37RO

F37B-R COMPTON CREEK NEAR GREENLEAF DRIVE

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	.93	20	1.8	18	4.8	43	1.8	2.1	1.1	.80	.90
2	1.1	1.0	13	1.7	74	4.4	12	1.8	2.1	1.1	.73	.90
3	1.1	.90	9.3	49	535	4.0	8.9	5.8	2.1	1.1	.72	.90
4	1.1	1.0	7.7	123	23	3.7	52	25	1.9	1.1	.72	.90
5	1.1	1.0	64	19	12	3.3	14	76	1.8	1.1	.72	.90
6	.99	.90	407	13	632	61	8.6	58	1.8	1.1	.76	.90
7	.90	.90	66	8.2	497	9.7	7.3	12	1.8	1.1	.73	.90
8	.90	.90	24	6.9	96	7.8	6.2	9.1	1.8	1.1	.88	.90
9	.90	.90	13	522	43	6.9	5.5	8.0	1.5	1.0	.77	.90
10	.90	95	8.0	101	11	5.6	4.8	7.3	1.5	.90	.83	.90
11	.90	39	6.2	13	6.7	5.1	218	6.6	1.5	.90	.90	.90
12	.90	19	5.0	8.1	5.2	4.7	14	153	1.5	.90	.90	.90
13	.90	61	4.1	24	4.4	32	7.9	167	1.5	.90	.90	.90
14	.90	9.2	3.5	7.9	826	112	6.4	15	1.5	.90	.90	.90
15	.90	4.7	3.1	5.9	15	9.8	5.2	9.9	1.3	.90	.90	.90
16	.90	3.2	2.8	7.9	43	7.7	4.3	8.2	1.1	.90	.90	.90
17	.90	2.7	2.5	5.0	167	6.9	3.4	7.4	1.1	.90	.90	.90
18	.90	2.2	334	3.4	9.4	5.8	3.2	6.7	1.1	.90	.90	.90
19	.90	2.0	20	25	208	5.1	2.8	5.7	1.1	.90	.90	.90
20	.90	1.7	13	7.2	38	4.6	2.8	5.3	1.0	.90	.90	.90
21	.90	1.5	8.7	3.9	8.5	4.0	2.5	4.5	.90	.90	.90	.90
22	.90	1.3	6.5	2.8	490	3.6	2.4	4.3	.90	.90	.90	.90
23	.90	1.2	5.1	2.3	524	3.2	2.4	4.1	.90	.90	.90	.85
24	.90	1.0	4.2	2.0	271	3.2	2.4	3.5	.90	.90	.90	.72
25	.90	1.0	3.4	1.8	8.7	583	2.1	3.2	1.1	.90	.90	.72
26	.90	195	2.6	1.8	7.1	18	2.1	2.8	.90	.90	.90	.72
27	.90	31	2.3	1.8	5.8	9.1	2.1	2.8	.90	.90	.90	.72
28	.90	15	2.1	1.6	5.1	77	2.1	2.6	.90	.90	.90	.72
29	.90	11	1.9	179	-----	8.9	2.0	2.4	.90	.90	.90	.72
30	.90	92	1.8	15	-----	7.1	1.8	2.3	.90	.85	.90	.72
31	.90	-----	1.8	50	-----	120	-----	2.1	-----	.80	.90	-----
TOTAL	28.99	598.13	1,066.6	1,215.0	4,583.9	1,142.0	452.2	624.2	40.30	29.45	26.56	25.69
MEAN	.94	19.9	34.4	39.2	164	36.8	15.1	20.1	1.34	.95	.86	.86
MAX	1.1	195	407	522	826	583	218	167	2.1	1.1	.90	.90
MIN	.90	.90	1.8	1.6	4.4	3.2	1.8	1.8	.90	.80	.72	.72
AC-FT	58	1,190	2,120	2,410	9,090	2,270	897	1,240	80	58	53	51
CAL YEAR 1997	TOTAL	3,262.90	MEAN	8.94	MAX	407	MIN	.72	AC-FT	6,470		
WTR YEAR 1998	TOTAL	9,833.02	MEAN	26.9	MAX	826	MIN	.72	AC-FT	19,500		

As of 10/15/98 .RV.

MAXIMUM INSTANTANEOUS PEAK WAS 7,040 CFS AT 1230 ON 02/06/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
F354RO

F354-R COYOTE CREEK BELOW SPRING STREET

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.3	33	41	38	71	71	500	44	17	23	19	19
2	10	27	13	42	61	64	89	55	24	23	18	102
3	14	24	9.9	246	1,970	57	47	58	21	17	24	26
4	13	11	11	350	250	52	132	152	19	26	26	9.9
5	13	30	33	90	76	46	58	225	21	25	37	8.8
6	13	38	3,370	44	919	497	32	110	26	43	36	8.2
7	13	36	489	43	2,050	108	30	33	28	30	30	7.9
8	16	34	166	53	1,600	69	27	23	32	29	30	8.9
9	16	32	42	1,350	388	39	33	21	34	24	29	12
10	23	164	20	1,140	83	34	32	18	35	20	27	15
11	46	67	13	114	60	35	472	17	58	15	22	15
12	7.8	14	12	70	49	40	104	341	38	14	27	19
13	8.5	520	16	117	42	91	87	904	30	15	24	18
14	6.1	59	18	55	2,890	538	44	73	31	9.2	26	18
15	4.3	8.8	19	80	220	65	25	25	37	11	34	12
16	5.4	6.5	16	70	143	35	26	15	49	9.4	32	12
17	6.1	16	18	43	770	34	21	15	48	9.4	32	12
18	8.3	14	1,060	46	82	35	21	14	55	10	30	11
19	13	6.7	89	187	250	31	20	16	51	9.3	30	11
20	19	9.2	27	57	413	32	21	18	46	12	23	11
21	17	7.7	67	64	75	33	26	18	45	12	15	12
22	14	6.6	27	66	2,290	36	59	20	48	14	15	14
23	7.9	7.3	21	69	2,900	36	41	21	39	13	15	17
24	5.1	8.8	22	82	2,050	35	48	27	30	16	16	15
25	1.5	11	26	84	147	2,530	49	29	30	15	17	17
26	2.8	726	27	85	90	241	40	26	31	16	17	22
27	25	186	28	91	77	182	39	26	31	20	21	31
28	32	17	28	104	67	360	38	27	29	20	17	29
29	31	9.0	32	609	-----	118	36	30	28	20	16	32
30	34	1,010	35	108	-----	73	41	34	22	26	15	37
31	35	-----	38	151	-----	612	-----	41	-----	20	17	-----
TOTAL	468.1	3,139.6	5,833.9	5,748	20,083	6,229	2,238	2,476	1,033	566.3	737	582.7
MEAN	15.1	105	188	185	717	201	74.6	79.9	34.4	18.3	23.8	19.4
MAX	46	1,010	3,370	1,350	2,900	2,530	500	904	58	43	37	102
MIN	1.5	6.5	9.9	38	42	31	20	14	17	9.2	15	7.9
AC-FT	928	6,230	11,570	11,400	39,830	12,360	4,440	4,910	2,050	1,120	1,460	1,160
CAL YEAR 1997	TOTAL	23,589.1	MEAN	64.6	MAX	3,370	MIN	1.5	AC-FT	46,790		
WTR YEAR 1998	TOTAL	49,134.6	MEAN	135	MAX	3,370	MIN	1.5	AC-FT	97,460		

As of 10/15/98 .RV.

MAXIMUM INSTANTANEOUS PEAK WAS 13,800 CFS AT 2310 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F274RO F274B-R DALTON WASH @ MERCED AVE.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.19	1.0	.90	.27	.71	.42	3.5	.31	1.5	.10	5.6	3.0
2	.18	1.1	.38	.47	1.4	.24	2.8	7.0	1.4	.10	6.3	4.2
3	.16	1.1	.26	49	270	.22	12	16	1.6	.12	3.7	.18
4	.16	.79	.32	51	2.8	7.2	14	9.5	1.7	.09	.33	.39
5	.17	.85	2.6	1.4	1.8	34	9.0	169	1.5	.09	.28	.15
6	.17	.87	251	.63	378	21	3.2	464	1.5	.09	.24	.17
7	.15	.83	51	.58	775	11	.57	19	1.7	.17	9.5	.20
8	1.2	.72	2.4	.61	147	9.5	.45	.46	.93	.27	6.3	.26
9	.57	.71	.74	329	45	7.2	.42	.42	.35	.26	6.2	.16
10	.31	56	.37	171	15	5.3	.32	.46	.53	8.7	6.4	.17
11	.20	1.1	.44	1.8	3.3	2.6	31	.42	2.8	7.3	6.7	6.7
12	.18	.50	.49	1.5	2.6	3.3	15	121	6.0	6.8	4.3	4.1
13	.19	34	.87	4.0	1.4	64	7.9	140	.09	3.4	.56	4.7
14	.16	1.1	.44	.69	397	19	2.2	25	.09	.43	7.3	5.7
15	.15	.44	.87	.95	12	14	3.3	.38	.09	.39	5.1	5.1
16	.15	.38	.58	.91	34	12	1.2	.31	.11	.37	4.7	.24
17	.13	.55	.81	.97	108	5.3	.25	.29	.12	8.6	3.1	.22
18	.14	.54	39	.87	.83	5.4	.25	29	.09	6.0	.27	8.5
19	.14	.54	.67	27	56	6.9	.24	57	.11	7.1	.25	7.0
20	.14	.49	1.0	2.5	9.4	6.8	.24	32	.10	16	.19	8.6
21	.14	.53	9.5	.90	7.2	6.2	.80	18	.09	9.4	8.6	3.2
22	1.4	.51	.36	.81	388	5.1	1.7	9.6	.08	4.0	5.7	.56
23	.74	.50	.39	1.0	1,070	4.3	.74	14	.09	.36	5.1	.50
24	.37	.65	.31	.84	488	2.8	.34	20	.09	8.4	3.3	2.1
25	.22	.48	.24	.98	71	261	.30	22	.08	8.1	.31	5.6
26	.18	150	.35	1.2	30	11	.28	19	.09	6.7	.28	5.9
27	.93	1.4	.39	.71	22	30	.32	7.7	.10	4.4	.26	6.1
28	.68	.28	.45	1.1	13	65	.30	1.7	.10	.30	.26	3.5
29	.63	.66	.59	107	-----	15	1.6	1.7	.53	.29	.25	.82
30	2.0	24	.88	1.1	-----	6.7	1.8	1.8	1.7	.28	.23	.65
31	.79	-----	.73	.80	-----	81	-----	1.3	-----	8.0	22	-----
TOTAL	12.92	282.62	369.33	761.59	4,350.44	723.48	116.02	1,208.35	25.26	116.61	123.61	88.67
MEAN	.42	9.42	11.9	24.6	155	23.3	3.87	39.0	.84	3.76	3.99	2.96
MAX	2.0	150	251	329	1,070	261	31	464	6.0	16	22	8.6
MIN	.13	.28	.24	.27	.71	.22	.24	.29	.08	.09	.19	.15
AC-FT	26	561	733	1,510	8,630	1,440	230	2,400	50	231	245	176
CAL YEAR 1997	TOTAL	10,028.66	MEAN	27.5	MAX	329	MIN	.09	AC-FT	19,890		
WTR YEAR 1998	TOTAL	8,178.90	MEAN	22.4	MAX	1,070	MIN	.08	AC-FT	16,220		

10/07/98,EE

MAXIMUM INSTANTANEOUS PEAK WAS 6,630 CFS AT 2215 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F318RO F318-R EATON WASH @ LOFTUS AVE.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.30	.32	.51	.38	.22	36	21	1.7	.25	.29	.30	.25
2	.30	.61	.30	.39	1.1	20	2.4	16	.30	.33	.34	.20
3	.31	.82	.21	10	215	.76	4.9	1.8	.50	.33	.49	.22
4	.33	1.1	.18	44	.20	.59	33	18	.22	.29	.35	.32
5	.34	.62	26	.28	.11	11	37	107	.17	.26	.45	.26
6	.28	.26	224	.23	261	28	22	207	.20	.31	.68	.24
7	.19	.41	21	.19	481	.54	2.2	19	.23	.34	.44	.28
8	.22	.28	.48	.20	247	.52	1.9	4.6	.25	.34	.23	.22
9	.20	.27	.28	232	30	.48	1.7	5.0	.22	.26	.24	.20
10	.21	123	.19	35	.44	.42	1.8	4.7	.19	.32	.23	.24
11	.27	.37	.23	.25	.44	.65	91	4.6	4.0	.26	.43	.23
12	.26	.27	.28	.21	.55	6.6	2.1	286	22	.30	.27	.21
13	1.2	32	.30	1.6	.95	119	1.7	240	.23	.24	.28	.18
14	.22	.29	.30	.17	255	45	1.3	68	.25	.26	.23	.23
15	1.2	.25	.56	.79	1.5	20	1.2	48	.27	.27	.23	.22
16	.45	.25	.39	.16	32	7.8	1.1	38	1.1	.27	.26	.22
17	.24	.21	.54	.15	90	.58	1.1	38	.32	5.5	.22	.21
18	.26	.20	102	.15	.46	.56	1.0	11	.23	7.7	.18	.18
19	.27	.15	.39	18	81	.57	.96	.50	.22	4.4	.15	.21
20	1.1	.13	.24	.21	2.6	.62	1.2	.25	.27	1.9	.14	.21
21	1.8	.24	5.6	.14	.70	.59	.98	.39	.24	.26	.20	.22
22	.25	.64	.26	.10	205	.53	1.7	.24	.29	.28	.21	.22
23	.76	.62	.35	.12	1,070	.66	1.1	.27	.29	.24	.20	.35
24	.26	.52	.43	.26	389	.98	.96	.31	.31	.25	.26	.54
25	.22	.24	.19	.31	127	297	.96	.52	.31	.30	.20	.32
26	.25	87	.32	.26	76	3.2	.92	.35	.37	.29	.20	.26
27	.28	.38	.24	.33	34	5.9	.87	.20	.42	.40	.25	.26
28	.49	.23	.26	.23	36	74	1.0	.20	.39	.29	.19	.17
29	.27	.21	.29	83	-----	32	.89	.46	.39	.30	.26	.23
30	.27	37	.81	.19	-----	15	1.3	.26	.31	.32	.28	.19
31	.30	-----	.69	1.3	-----	153	-----	.30	-----	.27	1.3	-----
TOTAL	13.30	288.89	387.82	430.60	3,638.27	882.55	241.24	1,122.65	34.74	27.37	9.69	7.29
MEAN	.43	9.63	12.5	13.9	130	28.5	8.04	36.2	1.16	.88	.31	.24
MAX	1.8	123	224	232	1,070	297	91	286	22	7.7	1.3	.54
MIN	.19	.13	.18	.10	.11	.42	.87	.20	.17	.24	.14	.17
AC-FT	26	573	769	854	7,220	1,750	478	2,230	69	54	19	14
CAL YEAR 1997	TOTAL	1,693.65	MEAN	4.64	MAX	224	MIN	.06	AC-FT	3,360		
WTR YEAR 1998	TOTAL	7,084.41	MEAN	19.4	MAX	1,070	MIN	.10	AC-FT	14,050		

10/07/98,EE

MAXIMUM INSTANTANEOUS PEAK WAS 4,650 CFS AT 1605 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

00U7RO U7-R FISH CREEK

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.22	.15	1.8	1.2*	1.7	32	26	20	17	7.0	3.0	2.5
2	.22	.16	1.8	1.3*	1.8	27	26	20	17	6.7	2.9	2.5
3	.22	.17	1.8	1.4*	17 *	22	26	20	16	6.4	2.8	2.4
4	.25	.17	1.8	1.5*	20 *	21	26	20	16	6.2	2.7	2.4
5	.22	.17	1.8	1.6*	23 *	21	25	13	15	5.9	2.6	2.4
6	.22	.17	10	1.8*	26 *	21	10	6.7	15	5.7	2.6	2.4
7	.22	.17	2.3	1.8	29 *	21	24	17	15	5.5	2.6	2.4
8	.20	.15	1.9	1.8	32 *	22	24	19	14	5.3	2.6	2.4
9	.19	.13	1.8	1.8	35 *	23	20	20	14	5.1	2.6	2.4
10	.22	.81	1.8	1.8	29 *	23	20	20	13	5.0	2.6	2.3
11	.19	2.0	1.8	1.8	23 *	23	20	20	13	4.9	2.5	2.3
12	.19	2.0	1.7	1.8	14	23	21	13	13	4.7	2.5	2.3
13	.19	2.0	1.7	1.8	17	23	21	2.5	12	4.7	2.5	2.3
14	.19	1.9	1.7	1.8	13	23	21	5.7	12	4.7	2.5	2.2
15	.18	1.9	1.7	1.8	8.9	23	21	9.2	12	4.5	2.5	2.2
16	.19	1.9	1.7	1.8	9.3	23	22	11	11	4.4	2.5	2.2
17	.19	1.9	1.7	1.8	3.0	23	22	14	11	4.3	2.5	2.2
18	.19	1.9	1.7	1.8	5.5	23	22	15	11	4.2	2.5	2.1
19	.19	1.8	1.7	1.8	7.2	23	22	16	10	4.1	2.5	2.0
20	.19	1.8	1.7	1.8	5.0	23	22	16	10	4.0	2.5	2.0
21	.18	1.7	1.6	1.8	8.3	23	22	17	9.8	3.9	2.5	2.1
22	.19	1.7	1.3	1.8	70 *	23	22	17	9.5	3.8	2.5	2.1
23	.19	1.7	1.3	1.8	500 *	23	22	17	9.2	3.7	2.5	2.0
24	.19	1.7	1.3	1.8	200 *	23	22	17	8.9	3.6	2.5	2.0
25	.17	1.7	1.3	1.8	60 *	23	22	17	8.6	3.5	2.5	2.0
26	.16	2.0	1.3	1.9	54 *	23	22	17	8.3	3.4	2.5	2.0
27	.16	1.9	1.3	1.9	47 *	23	22	17	8.0	3.3	2.5	1.9
28	.17	1.9	1.2	1.9	41 *	23	22	18	7.8	3.2	2.5	1.9
29	.17	1.8	1.2	1.7	-----	24	22	18	7.5	3.1	2.5	1.9
30	.17	1.8	1.2	1.7	-----	24	22	18	7.2	3.1	2.5	1.9
31	.16	-----	1.2	1.7	-----	24	-----	17	-----	3.1	2.5	-----
TOTAL	5.98	39.25	58.1	53.8	1,300.7	719	661	488.1	351.8	141.0	79.5	65.7
MEAN	.19	1.31	1.87	1.74	46.5	23.2	22.0	15.7	11.7	4.55	2.56	2.19
MAX	.25	2.0	10	1.9	500	32	26	20	17	7.0	3.0	2.5
MIN	.16	.13	1.2	1.2	1.7	21	10	2.5	7.2	3.1	2.5	1.9
AC-FT	12	78	115	107	2,580	1,430	1,310	968	698	280	158	130
CAL YEAR 1997	TOTAL	1,481.79	MEAN	4.06	MAX	125	MIN	.13	AC-FT	2,940		
WTR YEAR 1998	TOTAL	3,963.93	MEAN	10.9	MAX	500	MIN	.13	AC-FT	7,860		

Gap in Jan & Feb. decoder stopped recording at time of high flow.
 Data were estimated at those time. Data as of 10/29/98. MB
 MAXIMUM INSTANTANEOUS PEAK WAS 35 CFS AT 1225 ON 03/03/98.

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
00L1RO

L1-R LITTLE ROCK CREEK ABOVE LITTLE ROCK DAM

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	1.8	4.6	6.4	117	121	126	66	15	3.4	1.0
2	0	0	2.3	4.5	6.6	107	117	123	64	14	3.1	1.2
3	0	0	2.1	5.1	31	100	127	153	63	13	3.1	1.2
4	0	0	2.1	6.0	31	96	118	173	59	13	3.1	1.3
5	0	0	2.4	7.0	21	87	112	418	57	12	2.5	1.4
6	0	0	219	7.8	91	88	109	324	54	12	2.6	1.4
7	0	0	79	8.6	176	69	103	223	52	11	2.8	1.3
8	0	0	36	10	331	59	97	180	49	11	2.6	1.1
9	0	0	22	12	128	58	102	156	47	10	2.4	1.1
10	0	0	16	25	79	55	116	138	44	10	2.1	1.0
11	0	0	15	20	60	56	129	124	43	9.9	1.9	1.1
12	0	0	12	18	52	61	120	135	42	9.3	2.2	1.1
13	0	0	11	15	48	63	113	147	40	8.7	2.2	1.0
14	0	0	9.4	12	109	91	104	154	37	8.5	2.2	.99
15	0	0	8.3	11	183	92	94	176	35	8.1	2.2	1.1
16	0	0	7.2	11	109	107	85	187	33	7.7	2.0	1.1
17	0	0	6.7	11	83	115	79	176	31	6.7	1.9	.86
18	0	0	7.2	11	59	125	80	159	29	6.1	1.8	.88
19	0	0	5.9	11	50	124	92	142	27	5.8	1.8	.73
20	0	0	6.2	11	47	118	114	127	25	5.7	1.9	.68
21	0	0	6.3	11	38	116	142	117	24	5.4	1.9	.67
22	0	0	6.3	11	162	120	163	110	23	5.5	1.7	.92
23	0	0	6.0	11	1,610	151	158	106	23	6.1	1.6	1.2
24	0	0	6.1	11	790	179	133	103	24	6.2	1.4	1.3
25	0	0	5.7	11	292	282	116	102	23	6.0	1.0	1.5
26	0	0	5.4	10	203	251	104	102	22	5.9	.92	1.5
27	0	0	5.5	8.8	158	207	101	91	21	5.8	1.0	1.7
28	0	0	5.1	6.9	131	205	106	85	20	5.6	.88	2.0
29	0	.05	4.7	5.7	-----	164	113	82	18	4.6	.94	2.1
30	0	.59	4.4	6.6	-----	139	121	76	16	3.6	.87	2.3
31	0	-----	4.6	6.4	-----	125	-----	71	-----	3.6	1.0	-----
TOTAL	0	0.64	531.7	321.0	5,085.0	3,727	3,389	4,586	1,111	255.8	61.01	36.73
MEAN	0	.021	17.2	10.4	182	120	113	148	37.0	8.25	1.97	1.22
MAX	0	.59	219	25	1,610	282	163	418	66	15	3.4	2.3
MIN	0	0	1.8	4.5	6.4	55	79	71	16	3.6	.87	.67
AC-FT	0	1.3	1,050	637	10,090	7,390	6,720	9,100	2,200	507	121	73
CAL YEAR 1997 TOTAL		2,601.18	MEAN	7.13	MAX	219	MIN	0	AC-FT	5,160		
WTR YEAR 1998 TOTAL		19,104.88	MEAN	52.3	MAX	1,610	MIN	0	AC-FT	37,890		

MAXIMUM INSTANTANEOUS PEAK WAS 3,470 CFS AT 1835 ON 02/23/98.

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

0F57RO.98 F57C-R LOS ANGELES RIVER ABOVE ARROYO SECO

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	88	109	248	108	117	1,110	799	278	219	137	136	91
2	92	107	112	111	1,480	916	258	431	158	139	126	103
3	97	105	107	237	8,460	719	244	277	182	172	125	131
4	99	111	103	706	522	662	399	1,120	172	144	107	121
5	101	105	2,720	134	187	653	366	4,100	154	142	109	102
6	99	99	6,690	103	5,790	969	295	1,370	163	146	101	95
7	95	93	307	97	5,570	182	285	712	160	124	108	98
8	107	91	175	101	4,860	156	267	379	159	117	114	102
9	98	91	121	1,720	1,310	133	261	265	150	123	105	99
10	101	1,770	109	1,170	276	117	263	240	231	143	101	97
11	97	159	102	137	207	115	1,430	373	246	146	98	95
12	98	99	102	117	180	113	353	2,210	283	142	94	98
13	103	664	103	310	166	349	288	3,530	190	135	92	97
14	96	112	107	102	4,110	815	231	1,190	184	122	101	98
15	99	101	110	156	464	161	231	947	228	120	100	98
16	95	100	104	185	261	161	237	820	266	102	102	104
17	95	99	104	106	1,440	171	232	770	167	96	101	101
18	96	99	1,800	103	221	167	194	711	128	119	97	94
19	102	98	171	385	1,270	165	184	608	138	113	97	101
20	103	108	110	126	894	170	205	510	143	117	94	100
21	100	108	102	103	205	176	279	477	146	113	99	100
22	104	108	100	103	4,940	173	463	421	158	110	107	98
23	103	109	104	102	13,900	187	350	405	147	112	102	97
24	107	113	101	107	7,660	190	321	411	148	115	97	97
25	103	112	99	120	2,380	6,260	386	404	160	122	90	95
26	108	1,410	100	110	1,490	447	331	419	142	123	90	97
27	107	155	103	109	1,220	229	312	329	147	120	89	115
28	110	106	105	112	1,060	682	308	281	138	117	99	125
29	106	106	106	1,650	-----	192	264	263	140	119	93	124
30	111	1,620	108	123	-----	183	278	241	145	113	94	117
31	110	-----	113	202	-----	1,980	-----	239	-----	118	92	-----
TOTAL	3,130	8,267	14,646	9,055	70,640	18,703	10,314	24,731	5,192	3,881	3,160	3,090
MEAN	101	276	472	292	2,523	603	344	798	173	125	102	103
MAX	111	1,770	6,690	1,720	13,900	6,260	1,430	4,100	283	172	136	131
MIN	88	91	99	97	117	113	184	239	128	96	89	91
AC-FT	6,210	16,400	29,050	17,960	140,100	37,100	20,460	49,050	10,300	7,700	6,270	6,130
CAL YEAR 1997 TOTAL		68,545	MEAN	188	MAX	6,690	MIN	88	AC-FT	136,000		
WTR YEAR 1998 TOTAL		174,809	MEAN	479	MAX	13,900	MIN	88	AC-FT	346,700		

MAXIMUM INSTANTANEOUS PEAK WAS 37,800 CFS AT 1650 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F300RO

F300-R LOS ANGELES RIVER @ TUJUNGA AVE.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80	77	174	82	112	1,220	432	259	158	109	113	88
2	85	73	100	87	1,670	914	217	389	114	105	110	86
3	90	77	93	139	6,940	656	206	238	95	102	109	87
4	94	78	91	671	495	622	300	1,470	92	99	107	91
5	89	75	2,920	109	246	772	255	2,580	90	96	109	90
6	80	77	5,420	81	4,850	1,120	249	1,030	89	92	111	88
7	79	82	292	77	4,450	682	243	775	89	89	112	86
8	91	81	183	78	4,410	639	238	296	89	87	114	85
9	84	78	106	1,550	1,180	605	228	245	89	88	116	83
10	89	1,430	90	732	394	565	230	239	90	90	117	80
11	79	128	80	132	319	513	1,160	247	91	91	119	78
12	81	82	79	102	264	448	265	1,650	98	93	121	76
13	86	594	79	302	216	640	253	2,850	101	95	122	75
14	78	101	91	81	3,540	924	214	1,150	103	97	119	73
15	78	115	92	216	517	630	223	943	104	99	116	71
16	63	86	81	148	409	563	223	859	106	99	112	73
17	65	89	84	87	1,470	499	209	842	106	96	109	76
18	70	85	1,370	83	340	345	144	802	70	97	105	79
19	74	78	146	311	1,390	143	129	653	82	99	102	82
20	75	91	101	125	675	160	170	569	98	101	101	85
21	72	80	85	84	304	154	233	531	110	103	100	89
22	75	85	84	80	4,370	149	452	446	124	105	98	85
23	74	84	85	76	11,900	172	273	417	138	106	97	81
24	78	84	80	91	7,100	146	274	394	136	108	97	75
25	73	81	82	107	2,410	2,260	309	370	132	110	95	76
26	71	989	84	84	1,420	291	288	463	127	112	94	80
27	70	141	84	82	1,240	209	271	450	124	115	92	79
28	72	93	86	86	1,120	418	256	420	120	117	92	66
29	76	92	87	608	-----	175	246	389	116	118	91	68
30	76	1,500	85	114	-----	157	258	283	112	117	90	70
31	78	-----	95	252	-----	1,240	-----	186	-----	115	88	-----
TOTAL	2,425	6,806	12,609	6,857	63,751	18,031	8,448	22,435	3,193	3,150	3,278	2,401
MEAN	78.2	227	407	221	2,277	582	282	724	106	102	106	80.0
MAX	94	1,500	5,420	1,550	11,900	2,260	1,160	2,850	158	118	122	91
MIN	63	73	79	76	112	143	129	186	70	87	88	66
AC-FT	4,810	13,500	25,010	13,600	126,500	35,760	16,760	44,500	6,330	6,250	6,500	4,760
CAL YEAR 1997	TOTAL	53,979	MEAN	148	MAX	5,420	MIN	53	AC-FT	107,100		
WTR YEAR 1998	TOTAL	153,384	MEAN	420	MAX	11,900	MIN	63	AC-FT	304,200		

MAXIMUM INSTANTANEOUS PEAK WAS 30,500 CFS AT 1605 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F319RO

F319-R LOS ANGELES RIVER BELOW WARDLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	135	125	494	244	370	1,260						
2	136	115	257	233	1,430	1,200						
3	149	114	246	474	13,900	1,030						
4	151	119	239	1,110	931	1,010						
5	155	129	2,080	354	440	962						
6	157	127	11,400	228	11,000	2,190						
7	155	128	560	213	12,200	876						
8	159	129	379	219	12,100	738						
9	155	127	264	4,270	2,280	780						
10	154	2,200	230	4,270	608	547						
11	155	499	226	348	519	450						
12	146	195	216	259	484	431						
13	153	669	216	482	372	531						
14	155	289	217	279	10,400	2,650						
15	145	157	221	296	1,170	391						
16	130	160	211	436	576	359						
17	126	154	206	280	3,190	329						
18	103	153	3,280	263	471	317						
19	120	147	478	574	1,420	310						
20	122	151	235	281	2,340	313						
21	124	151	228	258	462	330						
22	118	134	222	244	11,700	330						
23	115	166	232	238	25,300	345						
24	116	163	230	238	20,800	333						
25	119	144	232	261	5,370	12,900						
26	98	2,500	233	245	2,980	791						
27	119	275	241	245	2,580	401						
28	110	156	239	242	1,670	1,180						
29	105	147	243	2,960	-----	473						
30	126	1,870	241	337	-----	418						
31	126	-----	240	441	-----	2,940	-----		-----			-----
TOTAL	4,137	11,593	24,236	20,822	147,063	37,115						
MEAN	133	386	782	672	5,252	1,197						
MAX	159	2,500	11,400	4,270	25,300	12,900						
MIN	98	114	206	213	370	310						
AC-FT	8,210	22,990	48,070	41,300	291,700	73,620						
							*	*	*	*	*	*
CAL YEAR 1997	TOTAL	97,725	MEAN	268	MAX	11,400	MIN	91	AC-FT	193,800		
WTR YEAR 1998	TOTAL*	244,966	MEAN	1,346	MAX	25,300	MIN	98	AC-FT	485,900		

* Incomplete Record - Location under construction by CORPS of Engineer
As of 04\09\98. RV.

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 OF34RO

F34D-R LOS ANGELES RIVER BELOW FIRESTONE

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100	101	370	117	243	1,080	1,230	479	439	142	132	119
2	104	101	177	109	1,510	952	627	519	251	142	130	119
3	111	101	141	280	13,700	714	535	489	233	145	130	119
4	117	99	123	1,080	726	685	657	668	220	151	127	119
5	125	97	3,200	302	376	647	662	6,280	197	153	127	119
6	131	96	11,100	164	10,100	1,670	625	1,900	181	154	127	119
7	134	97	397	128	8,960	613	622	585	175	154	125	119
8	136	100	249	121	8,070	613	588	449	170	155	124	116
9	136	101	169	3,550	1,870	613	557	373	170	151	124	116
10	136	2,200	132	2,100	534	613	543	347	171	148	124	116
11	136	340	116	270	514	613	2,450	418	181	151	124	116
12	136	176	104	173	458	613	680	3,630	212	153	124	114
13	136	662	103	404	319	591	615	4,770	218	154	124	113
14	136	248	104	154	7,650	1,650	584	1,140	202	151	124	113
15	136	134	111	134	682	510	497	973	190	131	122	113
16	135	122	107	312	530	386	476	694	194	129	121	113
17	124	110	106	146	1,930	339	476	632	196	121	121	113
18	111	114	2,880	127	528	314	452	594	169	121	121	113
19	112	111	292	521	1,800	300	406	531	152	129	121	113
20	111	116	150	162	1,680	294	382	479	151	135	121	113
21	111	125	125	138	479	294	419	477	149	133	121	112
22	111	113	110	122	8,540	304	604	476	144	130	121	111
23	111	110	110	117	23,600	305	706	476	144	122	121	111
24	111	110	106	118	13,900	308	677	476	145	96	120	111
25	106	110	105	136	3,050	11,300	677	476	145	119	119	111
26	98	2,250	104	131	1,540	776	677	477	145	131	119	111
27	96	289	109	124	1,230	622	686	476	145	145	119	111
28	96	168	108	123	1,030	978	736	476	142	155	119	109
29	96	133	115	2,650	-----	579	672	476	142	148	119	108
30	97	2,090	116	208	-----	496	643	463	142	140	119	108
31	100	-----	116	205	-----	3,390	-----	454	-----	136	119	-----
TOTAL	3,636	10,724	21,355	14,426	115,549	33,162	20,161	31,153	5,515	4,325	3,809	3,418
MEAN	117	357	689	465	4,127	1,070	672	1,005	184	140	123	114
MAX	136	2,250	11,100	3,550	23,600	11,300	2,450	6,280	439	155	132	119
MIN	96	96	103	109	243	294	382	347	142	96	119	108
AC-FT	7,210	21,270	42,360	28,610	229,200	65,780	39,990	61,790	10,940	8,580	7,560	6,780
CAL YEAR 1997	TOTAL	79,723	MEAN	218	MAX	11,100	MIN	96	AC-FT	158,100		
WTR YEAR 1998	TOTAL	267,233	MEAN	732	MAX	23,600	MIN	96	AC-FT	530,100		

As of 10/15/98 .RV.

MAXIMUM INSTANTANEOUS PEAK WAS 60,100 CFS AT 0845 ON 02/03/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F130RO

F130-R MALIBU CREEK BELOW COLD CREEK

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.0	5.0	28	15	62	158	302	73	52	19	6.2	3.6
2	3.5	7.0	16	17	599	227	202	85	38	19	5.9	3.8
3	2.4	4.8	8.5	19	2,590	245	163	92	33	19	5.7	6.2
4	2.4	4.2	7.8	24	234	212	153	120	39	19	5.4	6.1
5	2.9	3.5	19	53	273	196	168	329	35	21	5.3	5.4
6	4.6	3.9	32	29	2,580	222	151	137	40	16	5.3	5.3
7	5.1	5.6	13	23	3,550	188	133	93	41	16	5.3	4.8
8	2.9	6.0	2.9	22	1,740	163	118	84	41	15	5.3	4.3
9	4.5	8.6	18	33	658	150	113	79	40	21	4.8	4.2
10	4.7	16	37	64	282	140	107	76	40	19	4.7	4.0
11	4.3	13	37	64	174	129	259	75	46	14	4.6	3.9
12	4.7	12	37	64	114	117	211	182	48	13	4.7	3.9
13	3.5	28	37	65	87	109	155	367	46	14	4.6	4.1
14	3.4	16	37	51	963	135	127	142	45	13	4.6	4.1
15	2.4	23	37	35	439	124	110	112	47	13	4.5	4.3
16	2.4	15	37	54	182	110	103	98	40	12	4.5	4.5
17	2.9	15	37	45	597	102	94	92	37	12	4.7	4.4
18	2.7	16	302	33	200	96	88	89	32	11	4.8	7.0
19	3.1	13	166	46	178	95	86	86	31	10	4.8	4.7
20	4.9	12	104	45	300	92	85	83	40	10	4.7	6.4
21	4.5	14	71	39	134	88	80	88	32	8.7	4.5	6.2
22	3.5	10	57	35	1,030	86	79	85	27	7.5	4.3	6.2
23	3.3	11	42	32	4,020	86	79	88	28	7.7	4.5	5.9
24	3.2	13	35	27	1,470	63	77	79	30	7.4	5.0	5.7
25	4.2	11	20	25	543	812	77	71	26	7.5	4.8	6.1
26	4.8	33	17	28	312	339	78	66	28	7.8	4.8	6.7
27	4.5	37	21	29	224	294	74	60	23	7.6	4.6	6.9
28	11	20	18	26	170	253	30	59	21	7.3	4.4	6.5
29	6.5	14	22	103	-----	207	53	54	21	6.8	4.3	6.7
30	4.5	43	23	87	-----	164	72	57	19	6.7	3.9	6.0
31	4.1	-----	17	69	-----	225	-----	56	-----	6.5	3.7	-----
TOTAL	124.4	433.6	1,356.2	1,301	23,705	5,627	3,627	3,257	1,066	387.5	149.2	157.9
MEAN	4.01	14.5	43.7	42.0	847	182	121	105	35.5	12.5	4.81	5.26
MAX	11	43	302	103	4,020	812	302	367	52	21	6.2	7.0
MIN	2.4	3.5	2.9	15	62	63	30	54	19	6.5	3.7	3.6
AC-FT	247	860	2,690	2,580	47,020	11,160	7,190	6,460	2,110	769	296	313
CAL YEAR 1997	TOTAL	12,775.9	MEAN	35.0	MAX	610	MIN	2.4	AC-FT	25,340		
WTR YEAR 1998	TOTAL	41,191.8	MEAN	113	MAX	4,020	MIN	2.4	AC-FT	81,700		

As of 10/08/98 .RV.

Float did not work properly from 01/09/98 to 02/05/98.

The tape fell off the reel.

MAXIMUM INSTANTANEOUS PEAK WAS 19,100 CFS AT 2120 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F328RO

F328-R MINT CANYON CREEK AT FITCH AVE.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	.02	.72	.39	0	0	.06	0	0
2	0	0	0	0	.01	1.2	1.2	.02	.07	0	0	.52
3	0	.26	0	0	37	.19	.50	0	0	0	0	.01
4	0	0	0	.05	.36	.40	.14	1.8	0	0	0	.31
5	0	0	1.2	0	0	.44	.18	3.7	0	0	0	.11
6	0	.28	2.1	.14	11	2.9	.24	.56	0	0	0	0
7	0	.06	0	0	23	2.0	0	.67	0	0	0	.02
8	0	.03	0	0	.22	1.4	0	0	0	0	0	0
9	0	0	0	.23	.01	.43	0	0	0	0	0	0
10	0	1.6	0	.79	0	.04	0	0	0	0	0	0
11	0	0	0	0	0	.09	.01	0	0	0	0	0
12	0	0	0	.17	0	.46	0	10	0	0	0	0
13	0	0	0	.02	0	.25	0	18	0	0	0	0
14	0	0	.04	.04	2.7	.06	2.1	7.6	0	0	0	0
15	0	0	0	.18	.07	0	.64	0	0	.03	0	0
16	0	0	.42	.05	0	0	0	.08	0	.02	0	0
17	0	0	0	0	.31	0	.07	0	0	0	0	0
18	0	0	.55	0	0	0	0	0	0	0	0	0
19	0	0	0	.19	2.9	0	0	0	0	0	0	0
20	0	0	.07	0	.86	0	.08	0	0	.02	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	23	0	0	.05	0	0	0	0
23	0	0	0	0	276	0	0	.11	.04	0	0	0
24	0	0	0	0	55	0	0	0	0	0	0	0
25	0	0	0	0	.40	16	0	0	0	0	0	0
26	0	1.3	0	0	.16	7.8	.08	0	0	0	0	0
27	0	0	0	0	.38	4.6	0	0	0	0	0	0
28	0	0	0	0	.25	4.4	0	0	0	0	0	0
29	0	0	0	.20	-----	1.0	0	0	0	0	0	0
30	0	.07	.01	0	-----	.63	0	.30	.11	0	0	0
31	0	-----	0	.12	-----	5.4	-----	0	-----	0	0	-----
TOTAL	0	3.60	4.39	2.18	433.65	50.41	5.63	42.89	0.22	0.13	0	0.97
MEAN	0	.12	.14	.070	15.5	1.63	.19	1.38	.007	.004	0	.032
MAX	0	1.6	2.1	.79	276	16	2.1	18	.11	.06	0	.52
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	7.1	8.7	4.3	860	100	11	85	.4	.3	0	1.9
CAL YEAR 1997	TOTAL	32.41	MEAN	.089	MAX	4.0	MIN	0	AC-FT	64		
WTR YEAR 1998	TOTAL	544.07	MEAN	1.49	MAX	276	MIN	0	AC-FT	1,080		

Gge sanded 4/21-4/24,4/28

MAXIMUM INSTANTANEOUS PEAK WAS 1,560 CFS AT 1720 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F181RO F181-R MONTEBELLO STORM DRAIN ABOVE RIO HONDO

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.05	.02	.81	.01	.51	.05	.53	.04	.07	.06	.06	.06
2	.05	.02	.11	.01	.87	.04	.28	1.4	.07	.06	.06	.06
3	.04	.02	.03	2.6	28	.04	.11	.44	.07	.06	.06	.06
4	.04	.03	.02	8.9	.88	.04	1.4	.83	.07	.06	.06	.06
5	.04	.03	3.4	.88	.26	.33	.30	7.1	.07	.06	.32	.06
6	.04	.03	39	.22	42	2.5	.13	20	.07	.06	.11	.06
7	.04	.03	2.3	.05	1.1	.12	.10	.19	.07	.06	.07	.06
8	.04	.03	.98	.04	3.0	.06	.07	.14	.07	.06	.06	.06
9	.04	.03	.23	45	1.1	.05	.06	.10	.07	.06	.06	.06
10	.03	6.1	.06	23	.80	.04	.06	.07	.07	.06	.06	.06
11	.03	1.7	.04	.43	.25	.04	9.5	.07	.07	.06	.06	.06
12	.03	.29	.04	.10	.14	.04	.24	13	.07	.06	.06	.06
13	.03	5.9	.04	.79	.12	2.2	.26	17	.07	.06	.06	.06
14	.03	1.5	.03	.23	60	3.9	.18	.50	.07	.06	.06	.06
15	.03	.36	.03	.44	.80	.16	.08	.21	.07	.06	.06	.06
16	.03	.10	.03	.54	4.5	.06	.07	.14	.07	.06	.06	.06
17	.03	.06	.02	.17	14	.05	.06	.11	.06	.06	.06	.06
18	.03	.05	17	.06	.51	.04	.06	.08	.06	.06	.06	.06
19	.03	.04	.99	3.5	13	.04	.06	.07	.06	.06	.06	.06
20	.03	.04	.34	.27	1.0	.03	.06	.07	.06	.06	.06	.06
21	.03	.04	.10	.07	1.3	.03	.06	.07	.06	.06	.06	.06
22	.03	.04	.04	.06	60	.03	.06	.07	.06	.06	.06	.06
23	.03	.04	.04	.04	10	.03	.05	.07	.06	.06	.06	.06
24	.03	.03	.03	.04	1.7	.03	.05	.07	.06	.06	.06	.06
25	.02	.03	.03	.04	.29	51	.04	.07	.06	.06	.06	.06
26	.02	13	.03	.04	.10	.29	.04	.07	.06	.06	.06	.06
27	.02	1.4	.03	.04	.06	.10	.04	.07	.06	.06	.06	.06
28	.02	.14	.02	.04	.06	6.3	.04	.07	.06	.06	.06	.06
29	.02	.03	.02	15	-----	.17	.04	.07	.06	.06	.06	.06
30	.02	5.9	.01	.41	-----	.07	.04	.07	.06	.06	.06	.06
31	.02	-----	.01	1.5	-----	12	-----	.07	-----	.06	.06	-----
TOTAL	0.97	37.03	65.86	104.52	246.35	79.88	14.07	62.33	1.96	1.86	2.18	1.80
MEAN	.031	1.23	2.12	3.37	8.80	2.58	.47	2.01	.065	.060	.070	.060
MAX	.05	13	39	45	60	51	9.5	20	.07	.06	.32	.06
MIN	.02	.02	.01	.01	.06	.03	.04	.04	.06	.06	.06	.06
AC-FT	1.9	73	131	207	489	158	28	124	3.9	3.7	4.3	3.6
CAL YEAR 1997	TOTAL	278.69	MEAN	.76	MAX	39	MIN	0	AC-FT	553		
WTR YEAR 1998	TOTAL	618.81	MEAN	1.70	MAX	60	MIN	.01	AC-FT	1,230		

MONTEBELLO STORM DRAIN ABOVE RIO HONDO CHANNEL STATION F-181R
 STEVEN AXSYS RECORDER DATA AS OF 10-15-98 BY SOO KHOO
 MAXIMUM INSTANTANEOUS PEAK WAS 658 CFS AT 1245 ON 02/06/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F118RO F118 B-R PACIOMA DAM OUTFLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.60	.60	.74	.60	0	149*	0	78	76	40	.60	11
2	.60	.60	.60	.60	0	141*	0	78	75	27	.60	20
3	.60	.60	.60	.60	0	135*	0	77	64	4.2	.60	11
4	.60	.60	.60	1.3	0	126*	0	63	57	2.1	.60	.60
5	.60	.60	1.6	1.2	0	111*	0	51	59	1.1	.60	.60
6	.60	.60	10	24	0	182*	0	0	65	32	.60	.60
7	.60	.60	12	14	12	124*	0	32	63	50	.60	.60
8	.60	.60	.46	1.2	92	121	25*	90	64	48	.60	25
9	.60	.60	.60	2.1	81	90	91*	87	59	45	.60	45
10	.60	1.4	.60	1.7	29	74	134*	83	64	43	29	28
11	.60	.64	.60	1.2	67	106	130*	108	72	40	28	.99
12	.60	.60	.60	29	77	119	128*	176	75	35	1.7	1.6
13	.60	.60	.60	33	23	75	126*	206	74	16	.60	.29
14	.60	.60	.60	1.2	50	74	125*	178	76	1.0	.60	0
15	.60	.60	.60	1.2	60	73	121*	161	81	28	.60	19
16	.60	.60	.60	1.2	50	150	113*	161	87	44	.60	26
17	.60	.60	.60	1.2	34	144	109*	164	87	18	.60	0
18	.60	.60	1.3	1.2	42	85	103*	160	88	.70	.60	0
19	.60	.60	15	1.9	54	83	96*	163	86	.60	.60	0
20	.60	.60	12	33	69	83	91*	159	84	.60	.60	0
21	.60	.60	.60	21	43	83	88*	156	85	.60	.60	0
22	.60	.60	.60	1.2	100	82	110*	155	84	.60	.60	0
23	.60	.60	.60	1.2	549*	81	180*	158	82	.60	.60	0
24	.60	.60	.60	1.2	1,020*	81	89	162	81	.60	.60	0
25	.60	.60	.60	1.2	487*	81	74	165	72	.60	.60	0
26	.60	1.8	.60	1.2	295*	81	74	105	56	.60	.60	0
27	.60	.60	.60	1.2	244*	81	74	80	56	24	.60	0
28	16	.60	.60	1.2	173*	81	73	60	48	41	.60	0
29	26	.60	.60	29	-----	81	76	76	46	27	.60	0
30	24	2.1	.60	26	-----	81	78	77	47	1.4	.60	0
31	8.9	-----	.60	1.9	-----	47	-----	77	-----	1.2	.60	-----
TOTAL	91.10	21.54	66.90	237.70	3,651	3,105	2,308	3,546	2,113	574.50	75.50	190.28
MEAN	2.94	.72	2.16	7.67	130	100	76.9	114	70.4	18.5	2.44	6.34
MAX	26	2.1	15	33	1,020	182	180	206	88	50	29	45
MIN	.60	.60	.46	.60	0	47	0	0	46	.60	.60	0
AC-FT	181	43	133	471	7,240	6,160	4,580	7,030	4,190	1,140	150	377
CAL YEAR 1997	TOTAL	2,538.75	MEAN	6.96	MAX	174	MIN	.46	AC-FT	5,040		
WTR YEAR 1998	TOTAL	15,980.52	MEAN	43.8	MAX	1,020	MIN	0	AC-FT	31,700		

Due to logger damage, record is based upon Pacoima Dam records;
 Dates: Feb 1 thru May 11. Spillway flows denoted by an asterisk.
 MAXIMUM INSTANTANEOUS PEAK WAS NOT DETERMINED.

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F122RO

F122-RO PALLETT CREEK @ VALYERMO HWY.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	.05	7.6	13	17	11	7.1	4.3	3.0
2	0	0	0	0	.05	7.0	13	17	10	7.5	4.4	2.8
3	0	0	0	0	.05	6.3	13	20	10	9.0	4.1	2.8
4	0	0	0	0	.05	5.7	13	22	9.8	9.5	3.7	4.4
5	0	0	0	.05	.05	5.0	12	46	9.4	10	3.5	4.5
6	0	0	0	.05	.05	4.4	12	37	9.0	10	3.4	3.2
7	0	0	0	.05	.05	3.8	12	22	9.1	8.0	3.3	2.7
8	0	0	0	.05	.05	3.3	11	17	9.6	5.9	3.0	2.5
9	0	0	0	.05	.05	2.9	11	16	9.0	5.6	3.0	2.1
10	0	0	0	.10	.05	3.4	11	15	9.0	5.5	3.8	2.0
11	0	0	0	0	.08	3.9	11	16	8.9	5.5	3.7	2.0
12	0	0	0	0	.19	4.4	10	29	9.0	5.4	3.4	2.0
13	0	0	0	.10	.37	5.0	10	27	8.2	5.1	3.5	2.0
14	0	0	0	.05	.56	5.6	10	21	8.7	4.5	3.8	2.0
15	0	0	0	.05	.75	6.2	9.7	21	7.9	4.1	3.5	2.0
16	0	0	0	.05	.93	6.8	9.6	23	7.0	3.8	3.1	1.8
17	0	0	0	.05	1.3	7.3	9.6	22	6.6	3.5	3.4	1.8
18	0	0	0	.05	2.0	8.0	9.3	20	6.3	3.5	3.5	1.9
19	0	0	0	.05	2.7	8.5	8.8	17	6.8	3.7	3.5	1.8
20	0	0	0	.05	3.7	8.8	8.8	16	6.4	3.6	3.4	1.8
21	0	0	0	.05	4.9	9.5	9.1	15	6.4	3.5	3.1	1.9
22	0	0	0	.05	6.2	9.7	9.6	14	6.3	3.7	3.1	2.0
23	0	0	0	.05	47	10	9.6	13	6.4	4.1	3.3	2.0
24	0	0	0	.05	15	11	10	14	6.2	4.0	3.2	2.0
25	0	0	0	.05	10	11	10	13	6.4	4.1	3.0	1.8
26	0	0	0	.05	9.7	12	11	14	6.5	4.3	2.9	1.7
27	0	0	0	.05	9.0	12	11	13	6.8	4.5	2.8	2.0
28	0	0	0	.05	8.3	13	12	12	6.9	4.4	2.6	2.1
29	0	0	0	.05	-----	13	12	12	6.9	4.3	2.6	2.1
30	0	0	0	.05	-----	14	14	12	7.3	4.1	2.6	2.1
31	0	-----	0	.05	-----	14	-----	11	-----	4.2	3.0	-----
TOTAL	0	0	0	1.35	123.18	243.1	326.1	584	237.8	166.0	103.5	68.8
MEAN	0	0	0	.044	4.40	7.84	10.9	18.8	7.93	5.35	3.34	2.29
MAX	0	0	0	.10	47	14	14	46	11	10	4.4	4.5
MIN	0	0	0	0	.05	2.9	8.8	11	6.2	3.5	2.6	1.7
AC-FT	0	0	0	2.7	244	482	647	1,160	472	329	205	136

CAL YEAR 1997 TOTAL 35.63 MEAN .098 MAX .40 MIN 0 AC-FT 71
 WTR YEAR 1998 TOTAL 1,853.83 MEAN 5.08 MAX 47 MIN 0 AC-FT 3,680

* Incomplete Record 11/10 Water has cut channel below gage board; unable to be recorded 1/5-1/31 Gage height discharge relation fails due to extreme and undertermined shift or unusual drawdown in stilling well
 MAXIMUM INSTANTANEOUS PEAK WAS 231 CFS AT 1830 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 F192RO

F192B-R RIO HONDO BELOW LOWER AZUSA ROAD

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	34	40	2.0	3.2	0	20	0
2	0	0	0	0	0	35	15	2.6	52	0	79	0
3	0	0	0	0	23	31	44	2.2	242	0	41	0
4	0	0	0	44	0	29	59	2.6	256	0	0	0
5	0	.32	4.0	0	0	62	54	13	274	0	0	0
6	0	0	41	0	27	82	41	476	278	0	0	0
7	0	0	0	0	356	15	6.2	69	232	9.4	0	0
8	0	0	0	0	161	9.7	4.4	22	7.4	280	0	0
9	0	0	0	10	29	11	12	13	.94	311	0	0
10	0	18	0	0	0	12	164	12	.83	8.5	0	0
11	0	0	0	0	0	5.0	281	11	38	3.2	0	0
12	0	0	0	0	0	4.1	46	231	127	2.2	0	0
13	0	11	0	0	0	28	29	321	103	2.5	0	0
14	0	0	0	0	127	36	9.9	142	103	137	0	0
15	0	0	0	0	2.1	14	.61	65	67	341	0	0
16	0	0	0	0	2.5	7.1	.37	49	1.1	338	0	0
17	0	0	0	0	58	3.5	.30	49	.64	334	0	0
18	0	0	93	0	0	1.9	.13	152	.71	347	0	0
19	0	0	0	0	4.7	37	.06	349	.67	118	0	0
20	0	0	0	0	.40	100	0	391	.60	4.1	0	0
21	0	0	0	0	.20	46	.30	159	.54	.28	0	0
22	0	0	0	0	129	1.8	.36	20	.51	.05	0	0
23	0	0	0	0	1,270	.74	3.4	22	.17	.71	0	0
24	0	0	0	0	904	0	9.1	22	0	0	0	0
25	0	0	0	0	441	315	9.1	20	0	0	0	0
26	0	18	0	0	182	5.3	9.1	18	0	.58	0	0
27	0	0	0	0	80	1.9	7.2	19	0	0	0	0
28	0	0	0	0	56	65	3.7	15	0	0	22	0
29	0	0	0	6.9	-----	4.8	2.0	5.8	0	0	0	0
30	0	11	0	0	-----	2.0	1.9	6.9	0	0	0	0
31	0	-----	0	0	-----	71	-----	6.1	-----	0	.05	-----
TOTAL	0	58.32	138.0	60.9	3,852.90	1,070.84	853.13	2,688.2	1,789.31	2,237.52	162.05	0
MEAN	0	1.94	4.45	1.96	138	34.5	28.4	86.7	59.6	72.2	5.23	0
MAX	0	18	93	44	1,270	315	281	476	278	347	79	0
MIN	0	0	0	0	0	0	0	2.0	0	0	0	0
AC-FT	0	116	274	121	7,640	2,120	1,690	5,330	3,550	4,440	321	0

CAL YEAR 1997	TOTAL	4,678.19	MEAN	12.8	MAX	250	MIN	0	AC-FT	9,280
WTR YEAR 1998	TOTAL	12,911.17	MEAN	35.4	MAX	1,270	MIN	0	AC-FT	25,610

10/05/98,EE
 MAXIMUM INSTANTANEOUS PEAK WAS 3,670 CFS AT 2200 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 OF45RO

F45B-R RIO HONDO CH ABOVE STEWART AND GRAY

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.51	.06	4.1	.18	3.2	131	354	3.3	.24	2.7	.07	.86
2	.17	.06	.35	.17	6.6	54	3.8	22	1.2	1.6	.17	1.8
3	.19	.06	.24	35	1,800	2.9	2.7	12	88	.30	.46	.48
4	.13	.24	.22	135	19	1.7	56	9.2	205	.30	.52	.15
5	.12	.26	18	3.2	1.9	4.3	4.1	364	271	.21	.32	.15
6	.08	.08	1,540	.16	1,850	88	1.9	2,890	270	.22	.09	.13
7	.09	.11	38	.05	4,830	.82	1.5	311	271	.20	.25	.30
8	.07	.08	10	.17	4,640	1.2	.95	70	83	.70	.07	.42
9	.13	.07	.59	879	369	1.9	1.0	44	.54	.24	.07	.12
10	.24	188	.04	1,950	46	1.6	.67	36	.90	.10	.09	.12
11	.06	7.7	.03	81	1.3	1.4	432	33	.74	.15	.28	.10
12	.05	.43	.02	1.7	1.4	47	89	1,190	.60	.09	.06	.08
13	.06	47	.01	6.9	1.2	324	23	1,190	.32	.23	.14	.06
14	.64	2.4	0	.34	2,010	602	.91	253	.28	.16	.06	.06
15	.08	.21	.02	6.3	484	83	.48	160	.25	.10	.08	.05
16	.07	.26	.33	2.2	154	35	.44	115	.40	.81	.06	.05
17	.06	.26	.19	.43	727	1.5	.26	115	.40	.22	.06	.10
18	.11	.35	156	.56	5.5	.90	.20	54	.18	.18	.10	.09
19	.16	.29	4.7	26	110	.73	.17	4.4	.12	.20	.12	.06
20	.09	.44	.33	.18	193	.59	.82	6.9	.27	.74	.08	.08
21	.54	.07	.04	.22	52	.60	1.0	5.5	.09	.20	.06	.12
22	.06	17	.05	.22	4,060	.60	.59	.44	.07	.13	.06	.06
23	.07	58	.04	.23	7,490	1.0	34	.45	.13	.15	.05	.05
24	.10	33	.03	.07	9,700	.91	32	.24	.15	.14	.03	.06
25	.05	.50	.03	.14	2,420	2,750	26	.36	.10	.07	.04	.06
26	.07	446	.02	.28	1,570	90	18	.22	.98	.08	.28	.06
27	.05	15	.02	.19	1,550	3.7	17	.37	1.2	.06	.34	.05
28	.15	.30	.03	.25	1,040	162	11	.12	.21	.13	.23	.08
29	.05	.17	.04	139	-----	87	2.5	.12	.16	.14	.18	.07
30	.06	25	.34	2.6	-----	35	3.0	.38	.51	.67	.16	.12
31	.07	-----	.14	40	-----	324	-----	.28	-----	.25	.23	-----
TOTAL	4.38	843.40	1,773.95	3,311.74	45,135.1	4,838.35	1,118.99	6,891.28	1,198.04	11.47	4.81	5.99
MEAN	.14	28.1	57.2	107	1,612	156	37.3	222	39.9	.37	.16	.20
MAX	.64	446	1,540	1,950	9,700	2,750	432	2,890	271	2.7	.52	1.8
MIN	.05	.06	0	.05	1.2	.59	.17	.12	.07	.06	.03	.05
AC-FT	8.7	1,670	3,520	6,570	89,530	9,600	2,220	13,670	2,380	23	9.5	12
CAL YEAR 1997	TOTAL	10,498.06	MEAN	28.8	MAX	3,420	MIN	0	AC-FT	20,820		
WTR YEAR 1998	TOTAL	65,137.50	MEAN	178	MAX	9,700	MIN	0	AC-FT	129,200		

RIO HONDO CHANNEL ABOVE STEWART AND GRAY STATION F-45BR
 STEVEN AXSYS RECORDER DATA AS OF 10-15-98 BY SOO KHOO
 MAXIMUM INSTANTANEOUS PEAK WAS 34,700 CFS AT 0010 ON 02/08/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F338RO F338-R RUBIO DIVERSION CHANNEL

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	.01	0	.55	.80	7.8	6.6	1.8	1.5	.85	.01
2	0	0	0	0	.09	3.9	7.4	6.6	1.8	1.2	.87	.03
3	0	.08	0	.12	0	1.1	7.4	6.6	1.8	1.2	.80	.48
4	.12	.31	.09	.40	0	1.3	7.4	4.0	1.8	1.2	.56	1.0
5	.40	0	0	.34	1.8	1.4	7.4	2.2	1.8	1.2	.52	.76
6	.18	.24	0	.10	1.0	1.2	7.4	2.0	1.8	1.2	.54	.47
7	0	0	0	0	.20	1.2	7.4	2.0	1.8	1.0	.39	.65
8	0	.03	.44	0	.23	1.2	7.4	2.0	1.8	.80	.63	.29
9	0	.24	0	1.7	.45	1.2	7.4	2.0	1.8	.80	1.1	0
10	0	.02	0	1.1	.40	1.2	7.4	2.0	1.8	.80	.89	0
11	0	.18	0	.20	.50	1.2	7.4	2.0	1.8	.80	.43	0
12	0	.32	0	.22	.42	1.2	7.4	2.3	2.3	1.3	.42	0
13	0	.70	.03	.46	.48	1.3	7.4	2.0	2.0	1.3	.41	0
14	0	.05	.22	.40	.63	1.6	7.4	1.8	2.0	.90	.80	0
15	.04	0	.22	.50	1.2	1.6	7.4	1.8	1.9	.89	.73	0
16	0	.25	.28	.42	.76	1.6	7.4	1.8	1.8	.82	.59	0
17	0	0	0	.48	.88	1.6	7.4	1.8	1.8	1.4	.20	0
18	0	0	.05	.61	.80	1.4	7.4	1.8	1.8	1.6	0	0
19	0	0	0	1.2	.05	1.4	7.4	1.8	1.8	1.6	.04	0
20	.04	.01	.08	.76	0	1.4	7.4	1.8	1.8	1.2	.04	0
21	0	.02	.23	.87	0	1.4	7.4	1.8	1.8	.81	.05	0
22	0	0	.20	.83	0	1.4	6.9	1.8	1.8	.80	.38	.09
23	0	0	.03	.06	0	1.4	6.6	1.8	1.8	.80	.40	.02
24	0	.03	0	0	.60	1.4	6.6	1.8	1.8	1.1	.02	0
25	0	.01	2.0	0	2.9	6.0	6.6	1.8	1.8	.86	0	0
26	0	.01	.40	0	1.0	8.2	6.6	1.9	1.8	1.1	0	0
27	.09	0	.38	0	1.1	8.2	6.6	2.0	1.8	.98	0	.02
28	0	0	.22	.57	1.0	9.7	6.6	2.0	1.8	.80	.28	0
29	.01	.98	0	2.9	-----	9.8	6.6	1.8	1.8	.80	.40	.01
30	.02	.34	0	1.0	-----	9.1	6.6	1.8	1.8	.79	.52	.18
31	0	-----	0	1.1	-----	7.8	-----	1.8	-----	.69	.49	-----
TOTAL	0.90	3.82	4.88	16.34	17.04	93.20	215.5	75.2	55.0	32.24	13.35	4.01
MEAN	.029	.13	.16	.53	.61	3.01	7.18	2.43	1.83	1.04	.43	.13
MAX	.40	.98	2.0	2.9	2.9	9.8	7.8	6.6	2.3	1.6	1.1	1.0
MIN	0	0	0	0	0	.80	6.6	1.8	1.8	.69	0	0
AC-FT	1.8	7.6	9.7	32	34	185	427	149	109	64	26	8.0
CAL YEAR 1997	TOTAL	272.06	MEAN	.75	MAX	5.8	MIN	0	AC-FT	540		
WTR YEAR 1998	TOTAL	531.48	MEAN	1.46	MAX	9.8	MIN	0	AC-FT	1,050		

MAXIMUM INSTANTANEOUS PEAK WAS 106 CFS AT 0730 ON 03/02/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

0F82RO F82C-R RUBIO WASH @ GLENDON WAY

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	.40	.57	.31	0	.07	8.8	1.0	.49	.24	.01	.12
2	1.9	1.5	.12	.28	1.0	.07	.19	9.1	.56	.12	.01	.04
3	1.7	.34	.12	5.4	181	.10	1.5	4.5	.39	.27	.13	0
4	1.7	.60	.12	20	.56	.18	4.8	17	.57	.10	.16	.02
5	1.5	1.2	24	.29	.01	3.5	.54	73	.63	.06	.07	0
6	1.6	.89	160	.01	206	9.2	.11	85	.31	.08	.20	0
7	.70	.50	12	0	357	.05	.16	.87	.31	.11	.09	0
8	.42	.35	1.4	0	37	.06	.07	1.5	.40	.19	.05	0
9	.51	.35	.38	136	1.6	.06	.09	.51	.39	.30	.02	0
10	.38	105	.20	18	.05	.02	.05	.08	.40	.13	.17	0
11	.35	.87	.63	.09	.11	.04	35	.67	2.9	.05	.08	0
12	.18	.98	.21	.03	.04	.03	.31	90	8.8	.05	.12	0
13	.35	18	.07	1.2	.06	54	.36	86	.30	.19	.10	0
14	.69	.51	.09	0	154	5.5	.28	.89	.09	.16	.11	.10
15	.56	.15	.90	.80	.19	.06	.21	.19	.16	.29	.11	0
16	.67	1.6	.49	.08	5.0	.06	.05	.09	1.7	.49	.02	0
17	.65	2.1	1.2	0	34	.08	.07	.04	.41	.22	.16	0
18	.32	.18	67	0	.06	.13	.12	.28	.03	.02	.17	0
19	.43	.11	.63	11	42	.08	.18	.16	.07	.02	.05	0
20	.57	3.7	.07	0	1.5	.04	.38	.15	.03	.10	.11	0
21	.65	2.6	1.8	0	.46	.04	.24	.17	.17	.07	.03	0
22	.56	3.0	1.2	0	122	.09	.46	.52	.22	.05	.01	0
23	1.3	2.7	.13	0	438	.08	.37	.50	.20	.04	0	0
24	.55	.35	.85	0	63	.29	.42	.30	.15	.11	.22	0
25	.37	.74	.11	0	.17	240	.48	.53	.05	.04	.20	0
26	.14	63	.11	0	.07	1.2	.43	.28	.09	.03	.03	0
27	.34	.58	.08	0	0	3.6	.80	.33	.10	.23	.05	0
28	.57	.06	.28	0	.08	31	.47	.39	.12	.07	.02	0
29	2.0	.04	.31	52	-----	.20	.95	.30	.20	.12	.05	0
30	4.8	15	.57	0	-----	.18	.88	.51	.25	.12	.03	0
31	3.5	-----	.60	.08	-----	85	-----	.48	-----	.06	2.4	-----
TOTAL	31.56	227.40	276.24	245.57	1,644.96	435.01	58.77	375.34	20.49	4.13	4.98	0.28
MEAN	1.02	7.58	8.91	7.92	58.7	14.0	1.96	12.1	.68	.13	.16	.009
MAX	4.8	105	160	136	438	240	35	90	8.8	.49	2.4	.12
MIN	.14	.04	.07	0	0	.02	.05	.04	.03	.02	0	0
AC-FT	63	451	548	487	3,260	863	117	744	41	8.2	9.9	.6
CAL YEAR 1997	TOTAL	1,139.29	MEAN	3.12	MAX	160	MIN	0	AC-FT	2,260		
WTR YEAR 1998	TOTAL	3,324.73	MEAN	9.11	MAX	438	MIN	0	AC-FT	6,590		

10/06/98,EE

MAXIMUM INSTANTANEOUS PEAK WAS 4,030 CFS AT 1240 ON 02/06/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

OF42RO

F42B-R SAN GABRIEL RIVER ABOVE SPRING

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	131	63	134	126	135	586	950	100	198	103	168	211
2	106	57	131	129	134	337	101	105	103	99	167	185
3	62	86	131	216	593	114	103	108	102	115	182	161
4	70	124	135	230	248	211	181	120	100	100	189	161
5	69	118	143	135	130	115	332	228	104	103	193	161
6	66	121	629	131	471	331	124	2,620	106	109	193	148
7	75	126	194	134	1,520	266	116	2,690	103	108	203	142
8	85	127	147	131	2,260	128	115	1,040	103	109	199	132
9	86	126	136	621	680	128	117	194	102	114	168	133
10	95	128	127	534	283	119	117	589	104	111	145	126
11	99	150	129	170	198	115	428	453	104	114	129	119
12	84	128	119	129	141	160	266	2,230	107	112	117	123
13	86	206	126	133	115	250	259	3,300	99	111	111	112
14	91	131	121	132	2,030	622	163	1,950	105	114	108	118
15	92	130	120	143	274	177	114	1,480	105	119	107	133
16	94	125	120	142	482	139	111	1,080	103	118	95	142
17	96	130	125	140	1,230	111	109	890	106	115	96	144
18	100	127	318	170	149	114	110	722	103	115	93	149
19	100	128	128	171	156	106	115	509	100	116	99	155
20	99	129	133	136	447	111	109	249	100	117	100	154
21	104	126	128	133	179	117	104	146	103	116	115	157
22	102	135	134	151	1,350	114	116	368	105	124	119	160
23	100	121	130	145	3,050	164	101	656	102	128	129	158
24	92	128	133	143	5,550	137	159	714	99	133	139	160
25	98	128	118	134	1,460	2,620	172	610	101	135	148	163
26	92	265	129	132	1,110	280	119	482	101	137	161	170
27	89	275	129	143	1,150	149	106	217	103	138	180	165
28	84	121	126	144	1,100	1,040	98	481	102	153	189	161
29	90	124	128	258	-----	333	99	474	108	158	199	149
30	88	218	131	144	-----	215	102	473	100	164	192	121
31	80	-----	136	161	-----	542	-----	405	-----	174	204	-----
TOTAL	2,805	4,101	4,768	5,541	26,625	9,951	5,216	25,683	3,181	3,782	4,637	4,473
MEAN	90.5	137	154	179	951	321	174	828	106	122	150	149
MAX	131	275	629	621	5,550	2,620	950	3,300	198	174	204	211
MIN	62	57	118	126	115	106	98	100	99	99	93	112
AC-FT	5,560	8,130	9,460	10,990	52,810	19,740	10,350	50,940	6,310	7,500	9,200	8,870
CAL YEAR 1997 TOTAL		39,694	MEAN	109	MAX	629	MIN	57	AC-FT	78,730		
WTR YEAR 1998 TOTAL		100,763	MEAN	276	MAX	5,550	MIN	57	AC-FT	199,900		

As of 10/08/98 .RV.

MAXIMUM INSTANTANEOUS PEAK WAS 12,500 CFS AT 2250 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
00U8RO

U8-R SAN GABRIEL RIVER BELOW MORRIS DAM

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	189	0	189	187	0	695	207	226	667 *	534 *	291 *	269*
2	192	0	187	187	.08	644	178	53	975 *	631 *	290 *	219*
3	192	129	186	187	2.9	707	174	27	970 *	3.8*	290 *	111*
4	192	204	139	187	2.3	665	188	1,170	962 *	2.9*	290 *	0*
5	192	204	.67	186	2.3	656	188	1,690	955 *	2.7*	236 *	0*
6	192	204	1.8	187	4.8	652	191	3,830	315 *	370 *	290 *	0*
7	192	92	.83	187	7.6	648	196	2,650	0 *	980 *	286 *	0*
8	75	25	100	187	11	644	439	753	467 *	940 *	188 *	143*
9	121	25	185	187	5.8	572	512	844	698 *	846 *	60 *	42*
10	192	25	185	90	3.3	520	504	1,260	692 *	314 *	159 *	27*
11	192	25	185	.72	1.6	518	503	1,800	690 *	50 *	284 *	30*
12	192	25	185	.58	1.3	207	504	2,540	685 *	50 *	288 *	32*
13	192	53	185	.56	.94	18	504	2,420	228 *	309 *	291 *	35*
14	562	25	185	57	2.5	20	636	1,860	0 *	792 *	137 *	35*
15	565	25	185	185	2.1	22	774	1,720	292 *	779 *	3.8*	35*
16	78	25	185	185	1.5	24	656	1,490	702 *	737 *	3.4*	37*
17	.60	25	185	185	2.0	331	605	1,350	700 *	660 *	158 *	40*
18	.52	8.0	187	156	1.2	804	607	1,160	700 *	343 *	287 *	40*
19	.50	16	187	100	1.1	815	609	1,020	699 *	200 *	280 *	40*
20	.58	25	187	188	1.4	612	610	1,000	275 *	125 *	274 *	40*
21	.67	122	187	190	.79	470	721	935	7.9	100 *	94 *	40*
22	.76	204	187	190	7.5	475	217	665	430 *	100 *	3.2*	40*
23	.81	204	187	190	1,940	479	20	1,090	641 *	100 *	3.0*	43*
24	.81	187	187	188	7,200	203	24	1,100	680 *	66 *	162 *	60*
25	.75	179	187	188	2,910	9.4	27	1,080	694 *	17 *	291 *	60*
26	.74	132	187	190	3,060	21	65	1,060	690 *	0 *	282 *	60*
27	.74	178	187	189	2,630	358	540	1,060	267 *	50 *	292 *	60*
28	1.1	179	187	187	1,880	557	673	1,030	11 *	100 *	301 *	60*
29	20	181	187	87	-----	286	691	1,030	10 *	100 *	289 *	60*
30	3.9	184	187	.76	-----	246	760	500	8.9	213 *	277 *	60*
31	4.2	-----	186	.69	-----	252	-----	52	-----	300 *	280 *	-----
TOTAL	3,546.68	2,910.0	5,086.30	4,430.31	19,684.01	13,130.4	12,523	38,465	15,111.8	9,815.4	6,660.4	1,718
MEAN	114	97.0	164	143	703	424	417	1,241	504	317	215	57.3
MAX	565	204	189	190	7,200	815	774	3,830	975	980	301	269
MIN	.50	0	.67	.56	0	9.4	20	27	0	0	3.0	0
AC-FT	7,030	5,770	10,090	8,790	39,040	26,040	24,840	76,300	29,970	19,470	13,210	3,410

CAL YEAR 1997 TOTAL 38,457.88 MEAN 105 MAX 696 MIN 0 AC-FT 76,280
WTR YEAR 1998 TOTAL 133,081.30 MEAN 365 MAX 7,200 MIN 0 AC-FT 264,000

*: Recorder malfunction for Nov., June, July, Aug. & Sept.,
due to sluicing of the Morris Dam.
Field datas are mostly field observation as of 12/23/98 MB
MAXIMUM INSTANTANEOUS PEAK WAS 10,300 CFS AT 0330 ON 02/24/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F261RO

F261C-R SAN GABRIEL RIVER @ VALLEY

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,600	1,600	2,760	1,600	6,350	1,770	25,500	25,700	29,700	1,600	1,600	1,600
2	1,600	1,600	2,030	1,600	4,080	6,480	25,000	25,500	26,700	1,600	1,600	1,600
3	1,600	1,600	1,620	1,600	4,760	31,400	25,100	24,200	31,800	1,600	1,600	1,600
4	1,600	1,600	1,620	4,670	16,400	27,600	25,100	24,100	32,600	1,600	1,600	1,600
5	1,600	1,580	1,600	7,720	15,500	27,100	26,100	26,300	32,500	1,600	1,600	1,600
6	1,600	1,550	25,100	1,610	27,400	27,500	24,600	14,800	32,400	1,600	1,600	1,600
7	1,600	1,550	30,100	1,600	28,900	27,500	23,300	1,160	31,800	1,600	1,600	1,600
8	1,600	1,550	29,400	1,600	18,800	27,300	21,500	1,160	29,700	1,600	1,600	1,600
9	1,600	1,550	28,900	13,400	23,300	27,200	19,800	1,160	26,300	1,600	1,600	1,600
10	1,600	1,730	27,000	29,300	33,100	27,000	17,600	1,160	23,100	1,600	1,600	1,600
11	1,600	1,640	11,800	30,100	32,700	27,100	15,500	1,370	21,300	1,600	1,600	1,600
12	1,600	1,590	3,340	27,000	32,400	27,000	19,100	1,600	21,600	8,070	1,600	1,600
13	1,600	2,410	1,600	25,200	32,400	26,400	26,400	1,600	23,900	26,300	1,600	1,600
14	1,600	3,870	1,600	22,500	30,900	21,700	25,800	1,600	25,000	31,300	1,600	1,600
15	1,600	1,630	1,600	19,800	29,700	20,800	25,200	1,600	14,000	28,300	1,600	1,600
16	1,600	1,600	1,590	17,600	31,900	20,800	25,500	1,600	1,600	25,500	1,600	1,600
17	1,600	1,600	1,600	15,300	3,740	20,400	25,400	1,600	1,600	11,700	1,600	1,600
18	1,600	1,600	3,310	13,200	1,770	19,000	25,300	1,600	1,600	1,610	1,600	1,600
19	1,600	1,600	2,170	20,800	1,770	18,900	25,000	1,600	6,960	1,600	1,600	1,600
20	1,600	1,600	1,600	19,100	1,770	27,800	25,100	1,590	17,400	1,600	1,600	1,600
21	1,600	1,600	1,600	4,070	1,770	28,000	25,200	11,500	20,800	1,600	1,600	1,600
22	1,600	1,600	1,600	1,770	1,770	28,000	25,200	32,500	5,400	2,760	1,600	1,600
23	1,600	1,600	1,600	1,770	1,770	27,700	25,300	33,200	1,590	8,240	1,600	1,600
24	1,600	1,600	1,600	1,770	1,800	27,900	25,300	32,800	1,590	14,000	1,600	1,600
25	1,600	1,600	1,600	1,770	1,770	25,000	25,200	32,500	1,600	16,300	1,600	1,600
26	1,600	1,600	1,600	1,770	1,770	23,500	25,000	31,100	1,600	14,900	1,600	2,200
27	1,600	1,600	1,600	1,770	1,770	25,000	18,600	30,300	1,600	9,990	1,600	2,460
28	1,600	1,600	1,600	1,770	1,770	22,500	15,700	33,300	1,600	1,750	1,600	2,460
29	1,600	1,600	1,600	6,740	-----	25,500	21,100	33,000	1,600	1,600	1,600	2,460
30	1,600	1,870	1,600	9,800	-----	27,300	25,800	32,900	1,600	1,600	1,600	2,460
31	1,600	-----	1,600	7,910	-----	26,800	-----	32,500	-----	1,600	1,600	-----
TOTAL	49,600	51,320	197,940	316,210	391,830	747,950	704,300	496,600	470,540	227,920	49,600	52,040
MEAN	1,600	1,711	6,385	10,200	13,990	24,130	23,480	16,020	15,680	7,352	1,600	1,735
MAX	1,600	3,870	30,100	30,100	33,100	31,400	26,400	33,300	32,600	31,300	1,600	2,460
MIN	1,600	1,550	1,590	1,600	1,770	1,770	15,500	1,160	1,590	1,600	1,600	1,600
AC-FT	98,380	101,800	392,600	627,200	777,200	1,484,000	1,397,000	985,000	933,300	452,100	98,380	103,200
CAL YEAR 1997 TOTAL	1,321,790	MEAN	3,621	MAX	30,300	MIN	0	AC-FT	2,622,000			
WTR YEAR 1998 TOTAL	3,755,850	MEAN	10,290	MAX	33,300	MIN	1,160	AC-FT	7,450,000			

AS of 11/25/98. Alex R.

MAXIMUM INSTANTANEOUS PEAK WAS 38,900 CFS AT 2000 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

OG44RO G44B-R SAN GABRIEL RIVER AT WND.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	31	0	0	0	0	0	0	292
3	0	0	0	211	1,770	0	0	0	0	0	0	0
4	0	0	0	328	1.7	0	0	0	0	0	0	0
5	0	0	0	11	0	0	0	187	0	0	0	0
6	0	0	1,880	3.1	2,010	75	0	840	0	0	0	0
7	0	0	71	0	3,820	0	0	4.8	0	0	0	0
8	0	0	9.1	0	437	0	0	0	0	0	0	0
9	0	0	0	2,360	0	0	0	0	0	0	0	0
10	0	0	0	1,390	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	197	0	0	0	0
13	0	0	0	0	0	153	0	27	0	0	0	0
14	0	0	0	0	1,510	111	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	38	0	0	0	0	0	0	0
18	0	0	390	0	0	0	0	0	0	0	0	0
19	0	0	6.0	9.2	226	0	0	0	0	0	0	0
20	0	0	0	0	171	0	0	0	0	0	0	0
21	0	0	0	0	0	15	0	0	0	0	0	0
22	0	0	0	0	2,740	22	0	0	0	0	0	0
23	0	0	0	0	3,220	6.3	0	0	0	0	0	0
24	0	0	0	0	7,200	46	0	0	0	0	0	0
25	0	0	0	0	2,090	765	0	0	0	0	0	0
26	0	343	0	0	1,350	0	0	0	0	0	0	0
27	0	0	0	0	1,500	0	0	0	0	0	0	0
28	0	0	0	0	831	38	0	0	0	0	0	0
29	0	0	0	265	-----	0	0	0	0	0	0	0
30	0	138	0	0	-----	0	0	0	0	0	0	0
31	0	-----	0	0	-----	0	-----	0	-----	0	0	-----
TOTAL	0	481	2,356.1	4,577.3	28,945.7	1,231.3	0	1,255.8	0	0	0	292
MEAN	0	16.0	76.0	148	1,034	39.7	0	40.5	0	0	0	9.73
MAX	0	343	1,880	2,360	7,200	765	0	840	0	0	0	292
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	954	4,670	9,080	57,410	2,440	0	2,490	0	0	0	579
CAL YEAR 1997	TOTAL*	2,837.1	MEAN	30.8	MAX	1,880	MIN	0	AC-FT	5,630		
WTR YEAR 1998	TOTAL	39,139.2	MEAN	107	MAX	7,200	MIN	0	AC-FT	77,630		

* Incomplete Record San Gabriel river @ Whittier Narrow Dam cross-over station G-44BR Steven
 Axsys recorder data as of 10-15-98 by Soo Khoo
 MAXIMUM INSTANTANEOUS PEAK IS 28,900 CFS AT 2225 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 F263RO

F263C-R SAN GABRIEL RIVER @ S.G. RIVER PARKWAY

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	31	120	34	40	596	498	290	61	62	56	5.3
2	45	38	53	40	105	436	130	244	19	199	53	201
3	119	22	42	83	458	327	145	118	37	134	61	133
4	130	8.6	70	121	138	291	265	119	68	10	68	67
5	131	6.9	82	109	14	33	250	347	51	10	64	60
6	138	6.7	467	194	154	480	78	3,520	51	9.1	66	54
7	134	4.8	244	72	1,250	296	67	2,720	23	8.8	69	51
8	132	4.4	130	52	1,800	159	65	948	19	8.9	67	55
9	131	4.2	12	254	377	131	65	284	19	9.9	70	42
10	129	227	8.3	463	323	61	65	690	19	10	72	13
11	131	13	35	98	182	55	329	682	23	13	70	5.4
12	132	5.8	33	66	116	72	318	2,550	58	8.7	67	4.9
13	144	233	25	72	120	283	308	3,360	58	84	65	4.8
14	139	38	20	65	1,420	500	87	2,200	52	218	71	5.0
15	132	5.9	25	55	291	81	50	1,830	114	274	70	4.7
16	118	5.5	27	57	469	79	59	1,350	63	212	70	4.7
17	122	5.2	15	52	1,190	77	35	1,200	44	57	68	4.2
18	127	5.0	82	49	84	73	23	921	47	58	70	4.2
19	129	4.9	165	99	121	74	22	510	28	49	58	4.4
20	131	4.8	161	72	364	147	27	162	49	129	69	4.4
21	117	4.7	86	48	123	208	26	161	57	142	70	4.4
22	107	4.6	69	47	834	220	29	606	39	58	72	33
23	62	4.9	13	47	3,090	210	96	1,090	15	55	66	97
24	6.5	4.8	7.5	47	5,450	101	150	1,010	10	44	51	140
25	14	4.9	7.2	47	1,590	2,130	97	862	23	51	20	115
26	19	521	7.2	18	1,470	202	58	455	49	46	6.3	113
27	26	199	7.3	5.1	1,470	231	64	69	52	55	6.8	112
28	19	6.3	6.9	3.3	1,410	1,260	39	747	37	51	6.3	118
29	16	5.8	6.7	64	-----	571	23	610	16	56	5.7	115
30	21	138	6.7	60	-----	373	136	590	29	56	5.0	112
31	27	-----	14	45	-----	758	-----	423	-----	49	4.3	-----
TOTAL	2,830.9	1,568.7	2,047.8	2,538.4	24,453	10,515	3,604	30,668	1,230	2,227.4	1,637.4	1,687.4
MEAN	91.3	52.3	66.1	81.9	873	339	120	989	41.0	71.9	52.8	56.2
MAX	144	521	467	463	5,450	2,130	498	3,520	114	274	72	201
MIN	2.4	4.2	6.7	3.3	14	33	22	69	10	8.7	4.3	4.2
AC-FT	5,620	3,110	4,060	5,030	48,500	20,860	7,150	60,830	2,440	4,420	3,250	3,350
CAL YEAR 1997 TOTAL		23,297.8	MEAN	63.8	MAX	521	MIN	.78	AC-FT	46,210		
WTR YEAR 1998 TOTAL		85,008.0	MEAN	233	MAX	5,450	MIN	2.4	AC-FT	168,600		

MAXIMUM INSTANTANEOUS PEAK WAS 7,060 CFS AT 1800 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 F262RO

F262C-R SAN GABRIEL RIVER BELOW FLORENCE

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	.14	527	477	0	37	0	0	0
2	0	0	0	0	0	436	1.3	0	.10	0	0	0
3	0	0	0	0	96	127	1.3	0	0	2.8	0	0
4	0	0	0	0	43	141	81	0	0	0	0	0
5	0	0	0	0	.39	19	189	159	0	0	0	0
6	0	0	67	0	25	343	9.8	3,710	0	0	0	0
7	0	0	5.5	0	816	179	.49	2,800	0	0	0	0
8	0	0	.05	0	1,710	32	0	928	0	0	0	0
9	0	0	0	121	562	84	0	249	0	0	0	0
10	0	0	0	188	114	3.9	0	684	0	0	0	0
11	0	1.6	0	8.7	29	.28	353	658	0	0	0	0
12	0	0	0	0	8.9	.03	107	2,500	0	0	0	0
13	0	0	0	0	2.7	225	168	3,400	0	0	0	0
14	0	0	0	0	1,060	410	34	2,190	0	0	0	0
15	0	0	0	0	131	46	.27	1,830	0	0	0	0
16	0	0	0	0	589	23	0	1,290	0	0	0	0
17	0	0	0	0	948	1.8	0	1,200	0	0	0	0
18	0	0	0	8.7	13	0	0	885	0	0	0	0
19	0	0	0	.39	12	0	0	498	0	0	0	0
20	0	0	0	0	364	0	0	114	0	0	0	0
21	0	0	0	0	30	0	0	139	0	0	0	0
22	0	0	0	0	1,240	0	0	648	0	0	0	0
23	0	0	0	0	2,860	33	0	1,100	0	0	0	0
24	0	0	0	0	5,750	27	18	1,000	0	0	0	0
25	0	0	0	0	1,690	2,070	23	815	0	0	0	0
26	0	18	0	0	1,180	153	7.9	436	0	0	0	0
27	0	290	0	0	1,300	82	4.5	37	0	0	0	0
28	0	0	0	0	1,390	1,200	0	698	0	0	0	0
29	0	0	0	1.5	-----	565	0	568	0	0	0	0
30	0	0	0	0	-----	197	0	585	0	0	0	0
31	0	-----	0	.45	-----	560	-----	390	-----	0	0	-----
TOTAL	0	309.6	72.55	328.74	21,964.13	7,485.01	1,475.56	29,511	37.10	2.8	0	0
MEAN	0	10.3	2.34	10.6	784	241	49.2	952	1.24	.090	0	0
MAX	0	290	67	188	5,750	2,070	477	3,710	37	2.8	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	614	144	652	43,570	14,850	2,930	58,540	74	5.6	0	0
CAL YEAR 1997	TOTAL	1,342.75	MEAN	3.68	MAX	290	MIN	0	AC-FT	2,660		
WTR YEAR 1998	TOTAL	61,186.49	MEAN	168	MAX	5,750	MIN	0	AC-FT	121,400		

MAXIMUM INSTANTANEOUS PEAK WAS 8,070 CFS AT 0000 ON 03/26/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 F190RO

F190-R SAN GABRIEL RIVER @ FOOTHILL BLVD.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	0	123	96	7.3	677	334	169	505 *	382 *	196 *	160
2	62	0	130	100	7.4	609	273	7.9	916 *	455 *	200 *	113
3	63	3.5	127	105	42	674	250	22	926 *	6.0*	199 *	55 *
4	64	95	123	104	20	633	285	1,030	907 *	5.0*	214 *	.08*
5	64	90	5.3	102	8.5	620	277	1,490	883 *	5.0*	188 *	0
6	66	97	15	100	74	614	273	3,370	354 *	270 *	230 *	0
7	72	62	5.9	102	106	594	271	2,360	4.6*	671 *	230 *	0
8	44	.18	36	89	194	599	429	671	324 *	645 *	174 *	142
9	15	0	102	94	71	544	487	746	616 *	588 *	43 *	22 *
10	75	0	83	77	28	492	468	1,050	615 *	202 *	98 *	23 *
11	77	0	92	4.5	17	512	462	1,580	616 *	45 *	230 *	24 *
12	79	0	96	2.5	14	283	444	2,210	613 *	45 *	230 *	24 *
13	79	1.1	96	2.1	12	83	429	2,120	253 *	212 *	234 *	25 *
14	481	1.7	99	3.3	68	92	536	1,610	4.9*	642 *	145 *	26 *
15	547	0	102	146	40	78	700	1,530	191 *	629 *	1.0*	27 *
16	100	0	101	160	21	73	576	1,310	605 *	587 *	0 *	27 *
17	1.4	0	102	163	37	227	500	1,190	598 *	510 *	73 *	28 *
18	0	0	110	162	21	735	506	1,020	628 *	243 *	229 *	28 *
19	0	0	106	62	19	798	514	902	627 *	125 *	228 *	26 *
20	0	0	107	171	25	570	521	881	261 *	83 *	222 *	27 *
21	0	13	115	154	15	415	601	827	5.5*	73 *	110 *	27 *
22	0	116	116	108	146	425	303	588	303 *	73 *	0 *	34 *
23	0	122	117	109	2,460	434	9.2	963	567 *	73 *	0 *	40 *
24	0	118	114	114	7,660	233	8.4	966	616 *	50 *	68 *	46 *
25	0	102	113	121	2,980	71	7.9	954	649 *	0 *	230 *	44 *
26	0	97	115	122	3,230	56	9.5	934	643 *	0 *	227 *	41 *
27	0	134	117	135	2,620	341	439	925	289 *	0 *	229 *	38 *
28	0	124	118	149	1,920	603	604	931	9.2*	75 *	237 *	36 *
29	0	122	115	82	-----	267	614	936	9.0*	83 *	223 *	33 *
30	0	130	115	2.2	-----	238	650	382	9.1*	168 *	210 *	31 *
31	0	-----	108	4.1	-----	292	-----	5.6	-----	225 *	118 *	-----
TOTAL	1,939.4	1,428.48	3,024.2	2,945.7	21,863.2	12,882	11,781.0	33,680.5	13,547.3	7,170.0	5,016.0	1,147.08
MEAN	62.6	47.6	97.6	95.0	781	416	393	1,086	452	231	162	38.2
MAX	547	134	130	171	7,660	798	700	3,370	926	671	237	160
MIN	0	0	5.3	2.1	7.3	56	7.9	5.6	4.6	0	0	0
AC-FT	3,850	2,830	6,000	5,840	43,370	25,550	23,370	66,810	26,870	14,220	9,950	2,280
CAL YEAR 1997	TOTAL	25,895.01	MEAN	70.9	MAX	563	MIN	0	AC-FT	51,360		
WTR YEAR 1998	TOTAL	116,424.86	MEAN	319	MAX	7,660	MIN	0	AC-FT	230,900		

* : No gage height, recorder inoperative;
 No Power from 7/14 through 7/23. Sluicing in Sept.
 Data as of 12/23/98 MB.
 MAXIMUM INSTANTANEOUS PEAK WAS 11,900 CFS AT 0320 ON 02/24/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 F312RO

F312B-R SAN JOSE CHANNEL BELOW SEVENTH STREET

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	18	62	18	17	377	142	22	28	24	17	22
2	16	20	18	16	17	222	38	27	27	25	18	286
3	16	17	17	249	778	35	57	31	26	23	17	22
4	16	16	16	262	55	36	55	86	27	25	16	19
5	18	17	30	33	32	71	35	191	27	23	15	20
6	15	17	1,100	18	661	166	34	195	29	28	13	23
7	14	17	118	18	1,740	33	32	26	35	23	14	23
8	13	19	28	17	509	31	32	29	33	20	13	22
9	13	22	15	1,170	107	30	34	27	32	20	14	21
10	15	206	14	541	37	30	33	25	33	20	15	19
11	14	25	13	82	29	29	176	28	40	20	13	20
12	15	19	14	26	26	27	32	353	38	20	12	20
13	15	244	15	31	24	113	61	314	36	20	13	21
14	13	23	15	23	889	170	29	60	37	20	15	18
15	11	19	14	28	66	29	28	28	34	21	14	18
16	12	21	14	20	67	32	28	24	33	20	15	19
17	13	20	13	19	292	28	27	22	32	22	15	19
18	12	18	274	18	37	29	29	19	31	19	15	20
19	17	20	21	116	200	30	29	21	34	20	13	23
20	14	18	13	18	109	30	30	26	33	24	12	26
21	16	18	34	18	36	31	27	25	32	16	12	21
22	15	19	13	17	1,160	30	28	25	31	17	11	20
23	17	18	16	17	1,760	29	28	27	27	18	11	20
24	17	19	19	18	691	29	28	27	27	18	13	21
25	18	17	18	18	41	743	34	28	26	18	13	21
26	14	426	16	16	41	59	35	28	27	17	13	19
27	17	39	18	18	41	43	32	30	27	18	14	19
28	14	18	18	14	39	219	22	30	27	19	18	20
29	14	15	18	239	-----	32	17	29	30	18	16	21
30	15	264	18	18	-----	30	18	28	25	19	15	23
31	15	-----	17	21	-----	245	-----	29	-----	17	27	-----
TOTAL	458	1,649	2,029	3,137	9,501	3,038	1,230	1,860	924	632	452	886
MEAN	14.8	55.0	65.5	101	339	98.0	41.0	60.0	30.8	20.4	14.6	29.5
MAX	18	426	1,100	1,170	1,760	743	176	353	40	28	27	286
MIN	11	15	13	14	17	27	17	19	25	16	11	18
AC-FT	908	3,270	4,020	6,220	18,850	6,030	2,440	3,690	1,830	1,250	897	1,760
CAL YEAR 1997	TOTAL	12,320	MEAN	33.8	MAX	1,100	MIN	1.8	AC-FT	24,440		
WTR YEAR 1998	TOTAL	25,796	MEAN	70.7	MAX	1,760	MIN	11	AC-FT	51,170		

MAXIMUM INSTANTANEOUS PEAK WAS 14,500 CFS AT 2225 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F119RO F119-R SANTA ANITA CREEK BELOW DAM

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.62	.31	.78	1.9	.93	61	18	25	17	20	0	14
2	.62	.31	.62	1.9	.93	61	20	25	30	13	0	14
3	.62	.31	.62	1.9	.93	59	50	25	30	0	0	8.8
4	.62	11	.72	2.1	8.2	58	49	25	30	0	0	0
5	.62	18	.99	1.6	6.0	23	49	16	30	0	0	0
6	.62	17	.04	.97	.93	30	27	43	30	17	0	0
7	.62	6.3	.01	.93	9.3	31	31	22	30	12	0	0
8	.62	.62	0	.93	34	30	31	17	30	12	0	0
9	.62	.62	12	1.9	18	30	18	30	9.9	12	0	0
10	.62	.80	14	1.6	31	30	41	30	25	12	9.9	0
11	.62	.62	5.3	1.3	30	30	40	18	25	24	15	0
12	.62	.62	0	3.8	31	29	40	24	26	23	15	0
13	.62	.71	0	11	29	29	15	155	26	23	9.3	0
14	.47	.62	0	16	5.5	29	26	39	26	22	0	9.9
15	.31	.62	0	14	8.8	28	26	32	25	22	0	15
16	.31	.55	0	10	29	28	26	56	25	22	0	14
17	.31	.31	0	10	28	28	26	57	25	22	9.9	8.8
18	.31	.31	0	5.5	28	27	26	57	25	20	15	0
19	.31	.31	0	.70	17	26	26	57	25	20	15	0
20	.31	.31	0	12	0	26	26	57	25	20	9.3	0
21	.31	.31	0	18	0	25	26	25	25	19	0	8.8
22	.31	.31	0	15	0	24	26	47	24	18	0	14
23	.31	.31	0	12	52	8.8	26	46	12	11	0	14
24	.31	.31	1.1	12	61	8.8	26	46	23	0	9.9	8.8
25	.31	.31	1.9	12	96	0	26	46	9.3	0	15	0
26	.31	.62	1.9	12	56	0	26	46	0	0	14	0
27	.31	.62	1.9	12	30	0	26	46	0	12	8.8	0
28	.31	.62	1.9	5.6	41	8.2	25	34	0	18	0	9.3
29	.31	.62	1.9	4.0	-----	18	25	39	0	17	0	14
30	.31	.80	1.9	2.8	-----	9.9	25	39	13	10	0	13
31	.31	-----	1.9	2.8	-----	19	-----	39	-----	0	7.6	-----
TOTAL	13.80	65.08	49.48	208.23	652.52	814.7	868	1,263	621.2	421	153.7	166.4
MEAN	.45	2.17	1.60	6.72	23.3	26.3	28.9	40.7	20.7	13.6	4.96	5.55
MAX	.62	.18	.14	.18	.96	.61	.50	155	.30	.24	.15	.15
MIN	.31	.31	0	.70	0	0	.15	.16	0	0	0	0
AC-FT	27	129	98	413	1,290	1,620	1,720	2,510	1,230	835	305	330
CAL YEAR 1997	TOTAL	2,086.57	MEAN	5.72	MAX	75	MIN	0	AC-FT	4,140		
WTR YEAR 1998	TOTAL	5,297.11	MEAN	14.5	MAX	155	MIN	0	AC-FT	10,510		

STATION F119-R WAS DAMAGED DUE TO STORMS
 MONTHS FEB. THRU SEPT. ALL INSTRUMENTS NOT WORKING.
 MAXIMUM INSTANTANEOUS PEAK WAS 155 CFS AT 0000 ON 05/13/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 F193RO

F193B-R SANTA ANITA WASH @ LONGDEN AVE.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	.17	1.2	.01	.01	56	31	7.0	33	.58	.42	1.2
2	.01	.06	.31	.01	.14	134	27	9.3	28	.86	.36	1.3
3	.01	.35	.01	2.4	42	119	57	16	30	.86	1.5	.99
4	.01	.86	.01	5.8	2.1	72	76	10	28	.46	1.6	1.0
5	.01	1.6	2.3	.08	.64	70	80	64	28	.24	1.6	1.1
6	.06	.67	45	.01	45	44	47	169	31	.31	1.6	.70
7	.03	.40	4.6	.01	92	33	17	151	27	.64	1.5	.97
8	.01	.51	.57	.01	73	39	19	147	25	.99	1.5	.70
9	.01	.30	.01	29	59	38	26	147	24	10	1.4	.81
10	.01	18	.11	8.1	17	33	62	147	20	37	6.6	.81
11	.01	1.1	.08	.22	16	25	66	147	22	34	15	.84
12	.01	.61	.22	.09	22	20	54	170	27	30	16	.86
13	.01	7.6	.02	.63	35	29	32	262	20	13	13	.79
14	.01	1.1	.01	.01	53	34	15	119	18	1.2	2.8	.92
15	.01	.87	.27	.42	13	27	10	80	17	.87	2.1	.71
16	.01	.57	.01	.04	35	30	12	55	17	.78	1.9	.78
17	.01	.47	.01	.01	23	31	11	56	18	8.5	1.7	.71
18	.01	.38	11	1.1	27	29	13	56	21	30	1.8	.40
19	.01	.13	1.1	3.8	26	31	15	56	22	31	1.6	.01
20	.01	.23	.92	.23	3.2	29	10	56	22	14	1.9	.01
21	.12	.14	1.6	.01	10	29	10	56	22	1.2	1.9	.16
22	.44	.18	.01	.01	32	28	10	46	22	.98	1.5	.01
23	.13	.32	.01	.96	910	17	11	46	19	1.8	1.3	.01
24	.33	.35	.01	1.2	660	6.0	11	46	19	1.6	1.4	.01
25	.15	.32	.01	1.1	120	73	7.5	46	15	1.3	1.3	.01
26	.16	19	.22	1.1	135	1.4	7.9	45	2.0	.96	1.3	.01
27	.12	1.6	.08	1.1	90	1.2	13	45	1.4	1.7	1.4	.01
28	.17	.90	.01	1.0	60	3.8	10	42	1.3	1.4	1.4	.01
29	.01	.22	.01	14	-----	14	7.0	39	.98	.55	1.5	.01
30	.09	16	.03	1.0	-----	14	6.8	39	.78	.60	1.4	.01
31	.08	-----	.03	.36	-----	37	-----	37	-----	.77	1.4	-----
TOTAL	2.08	75.01	69.78	73.82	2,601.09	1,147.4	774.2	2,411.3	581.46	228.15	91.68	15.86
MEAN	.067	2.50	2.25	2.38	92.9	37.0	25.8	77.8	19.4	7.36	2.96	.53
MAX	.44	19	45	29	910	134	80	262	33	37	16	1.3
MIN	.01	.06	.01	.01	.01	1.2	6.8	7.0	.78	.24	.36	.01
AC-FT	4.1	149	138	146	5,160	2,280	1,540	4,780	1,150	453	182	31

CAL YEAR 1997	TOTAL	1,408.11	MEAN	3.86	MAX	89	MIN	.01	AC-FT	2,790
WTR YEAR 1998	TOTAL	8,071.83	MEAN	22.1	MAX	910	MIN	.01	AC-FT	16,010

Data was estimated due to the recorder was malfunction on
 2/18/98 through 2/28/98 and 5/14/98 through 5/31/98.
 10/05/98.EE.
 MAXIMUM INSTANTANEOUS PEAK WAS 883 CFS AT 1245 ON 02/06/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

0F92RO F92C-R SANTA CLARA RIVER AT I-5

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	3.2	8.0	5.1	4.5	92	159	41	30	13	8.5	7.8
2	2.4	3.3	5.1	5.4	91	86	84	35	27	14	8.5	26
3	2.4	3.5	4.0	5.2	1,170	78	76	28	25	15	9.0	9.8
4	2.4	4.6	3.2	13	53	68	76	254	26	15	8.8	12
5	2.4	5.9	325	4.2	9.1	61	76	845	24	15	8.8	14
6	2.4	7.5	630	1.3	1,070	53	72	167	23	12	8.8	16
7	2.4	9.4	8.6	1.9	1,820	47	69	102	22	11	8.5	17
8	2.4	12	7.4	1.7	1,090	42	67	48	24	12	8.2	17
9	2.6	14	4.8	167	126	39	65	37	26	12	8.1	16
10	2.6	34	4.8	138	46	39	63	32	25	11	8.1	17
11	2.6	12	4.7	6.0	24	36	69	27	25	11	8.1	17
12	2.6	4.7	3.1	4.7	18	34	59	161	25	11	8.1	17
13	2.6	3.6	2.4	10	14	35	57	171	26	11	8.1	15
14	2.6	3.4	2.3	6.9	467	39	55	55	26	10	8.5	11
15	2.6	3.3	1.8	7.8	101	33	54	75	27	9.3	9.1	11
16	2.6	3.2	1.6	7.9	49	32	52	70	27	9.2	9.5	10
17	2.6	2.9	1.3	8.4	304	32	50	94	25	9.0	9.9	6.9
18	2.6	2.8	99	8.7	36	31	48	73	26	8.8	9.9	6.2
19	2.6	2.9	4.2	21	128	31	47	52	28	9.0	9.7	7.3
20	2.6	3.1	2.9	56	103	30	46	42	29	9.2	9.5	11
21	2.7	3.0	3.1	2.7	34	28	42	40	29	9.3	9.8	11
22	2.8	3.0	3.7	3.4	1,190	26	38	39	23	9.2	9.9	12
23	2.8	3.2	3.7	4.3	7,080	25	36	41	19	9.3	9.9	12
24	2.8	3.3	3.7	4.4	1,690	24	34	43	18	9.5	10	11
25	2.8	3.4	4.2	4.6	281	558	32	48	19	9.1	10	10
26	2.8	97	4.1	4.2	119	63	30	54	18	9.6	9.1	11
27	2.8	13	4.3	4.0	111	57	28	53	17	9.7	8.3	11
28	2.9	9.0	4.1	3.6	101	62	27	44	15	9.4	8.2	11
29	3.0	7.1	4.9	28	-----	48	25	39	14	8.9	8.2	11
30	3.0	45	5.2	4.0	-----	43	33	36	14	8.2	8.2	11
31	3.2	-----	5.1	5.0	-----	215	-----	33	-----	8.3	8.0	-----
TOTAL	82.0	326.3	1,170.3	548.4	17,329.6	2,087	1,669	2,879	702	328.0	275.3	376.0
MEAN	2.65	10.9	37.8	17.7	619	67.3	55.6	92.9	23.4	10.6	8.88	12.5
MAX	3.2	97	630	167	7,080	558	159	845	30	15	10	26
MIN	2.4	2.8	1.3	1.3	4.5	24	25	27	14	8.2	8.0	6.2
AC-FT	163	647	2,320	1,090	34,370	4,140	3,310	5,710	1,390	651	546	746
CAL YEAR 1997	TOTAL	3,795.2	MEAN	10.4	MAX	630	MIN	1.3	AC-FT	7,530		
WTR YEAR 1998	TOTAL	27,772.9	MEAN	76.1	MAX	7,080	MIN	1.3	AC-FT	55,090		

2/25-3/2 Gage sanded. Record obtained through interpolation from measurement
 3/2-3/31 Gage sanded throughout the month at various times. 4/1-4/30 Gage sanded
 except 4/11@1450-1710. Sanded 5/17@1400-5/19@1300 6/8-6/16 Gage sanded. 7/1-7/31:
 no communication. MAXIMUM INSTANTANEOUS PEAK WAS 19,000 CFS AT 1605 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F280RO

F280-R SANTA FE DIVERSION BELOW DAM

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	0	0	0	3.3	0	180	0
2	0	0	0	0	0	0	0	0	151	148	180	0
3	0	0	0	0	0	0	0	0	376	.99	76	0
4	0	0	0	0	0	0	0	0	395	0	5.6	0
5	0	0	0	0	0	45	0	46	417	0	1.4	0
6	0	0	0	0	0	35	5.1	1.9	414	0	.37	0
7	0	0	0	0	.13	.70	7.7	.04	315	161	.18	0
8	0	0	0	0	.81	0	4.0	0	7.9	374	.10	0
9	0	0	0	0	.05	0	40	0	1.6	228	.05	0
10	0	0	0	0	0	0	173	0	.28	1.2	0	0
11	0	0	0	0	0	0	183	0	157	.25	0	0
12	0	0	0	0	0	0	2.0	0	222	.02	0	0
13	0	0	0	0	0	0	.29	0	221	0	0	0
14	0	0	0	0	0	0	.12	0	220	279	0	0
15	0	0	0	0	0	0	.09	0	114	393	0	0
16	0	0	0	0	0	0	.09	0	2.0	385	0	0
17	0	0	0	0	0	0	.09	0	.64	374	0	0
18	0	0	0	0	0	0	.09	172	.04	368	0	0
19	0	0	0	0	0	74	.11	407	0	80	0	0
20	0	0	0	0	0	122	.14	452	0	4.3	0	0
21	0	0	0	0	0	40	.16	125	0	.34	0	0
22	0	0	0	12	0	0	.16	.15	0	.01	0	0
23	0	0	0	18	0	0	.16	0	0	0	0	0
24	0	0	0	18	0	0	.16	0	0	0	0	0
25	0	0	0	18	0	0	.05	0	0	0	0	0
26	0	0	0	18	0	0	0	0	0	0	0	0
27	0	0	0	18	0	0	0	0	0	0	0	0
28	0	0	0	18	0	0	0	0	0	0	0	0
29	0	0	0	8.0	-----	0	0	0	0	0	0	0
30	0	0	0	0	-----	0	0	0	0	71	0	0
31	0	-----	0	0	-----	0	-----	0	-----	180	0	-----
TOTAL	0	0	0	128.0	0.99	316.70	416.51	1,204.09	3,017.76	3,048.11	443.70	0
MEAN	0	0	0	4.13	.035	10.2	13.9	38.8	101	98.3	14.3	0
MAX	0	0	0	18	.81	122	183	452	417	393	180	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	0	254	2.0	628	826	2,390	5,990	6,050	880	0

CAL YEAR 1997	TOTAL	6,287.91	MEAN	17.2	MAX	393	MIN	0	AC-FT	12,470
WTR YEAR 1998	TOTAL	8,575.86	MEAN	23.5	MAX	452	MIN	0	AC-FT	17,010

10/06/98,EE

MAXIMUM INSTANTANEOUS PEAK WAS 467 CFS AT 1340 ON 05/19/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 F125RO

F125-R SANTIAGO CREEK ABOVE LITTLE ROCK CK.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	9.8	14	12	5.1	4.8	1.1	.01	0
2	0	0	0	0	.11	13	13	4.8	4.6	.89	.01	0
3	0	0	0	0	5.0	12	14	4.2	4.9	.71	.01	0
4	0	0	0	1.5	4.0	11	13	4.3	4.7	.90	0	0
5	0	0	0	0	1.7	10	13	11	4.5	2.0	0	0
6	0	0	4.1	0	18	16	12	14	4.3	2.5	0	0
7	0	0	.03	0	41	12	11	9.6	4.4	1.6	0	0
8	0	0	.01	0	54	11	9.9	8.5	4.7	1.4	0	0
9	0	0	.01	.28	14	10	9.5	6.6	4.4	1.0	0	0
10	0	0	0	.81	7.8	9.5	9.4	6.1	4.3	.80	0	0
11	0	0	0	0	6.0	8.8	10	6.1	4.2	.33	0	0
12	0	0	0	0	4.9	8.8	9.0	14	4.4	.50	0	0
13	0	0	0	0	3.6	8.8	8.1	25	4.2	.49	0	0
14	0	0	0	0	7.6	14	8.0	24	3.8	.57	0	0
15	0	0	0	0	9.8	13	7.3	21	3.6	.60	0	0
16	0	0	0	0	5.0	10	6.9	19	3.8	.49	0	0
17	0	0	0	0	4.6	6.9	6.2	16	3.4	.33	0	0
18	0	0	0	0	3.3	5.7	4.5	13	3.3	.22	0	0
19	0	0	0	0	2.4	4.8	3.1	11	3.4	.23	0	0
20	0	0	0	0	2.2	4.3	3.0	9.6	3.3	.23	0	0
21	0	0	2.0	0	1.0	3.6	3.0	9.1	3.1	.23	0	0
22	0	0	0	0	17	3.3	8.1	8.5	3.0	.18	0	0
23	0	0	0	0	121	4.8	14	7.9	2.7	.19	0	0
24	0	0	0	0	99	5.7	8.9	7.2	2.5	.17	0	0
25	0	0	0	0	43	18	6.0	6.8	2.2	.17	0	0
26	0	0	0	0	25	13	3.3	6.7	2.0	.17	0	0
27	0	0	0	0	18	8.4	3.9	6.3	3.0	.10	0	0
28	0	0	0	0	15	12	5.5	6.1	4.2	.08	0	0
29	0	0	0	1.4	-----	9.1	5.5	6.2	2.0	.04	0	0
30	0	0	0	0	-----	8.6	5.3	5.8	1.2	.02	0	0
31	0	-----	0	0	-----	10	-----	5.3	-----	.02	0	-----
TOTAL	0	0	6.15	3.99	543.81	300.1	246.4	308.8	108.9	18.26	0.03	0
MEAN	0	0	.20	.13	19.4	9.68	8.21	9.96	3.63	.59	.001	0
MAX	0	0	4.1	1.5	121	18	14	25	4.9	2.5	.01	0
MIN	0	0	0	0	.11	3.3	3.0	4.2	1.2	.02	0	0
AC-FT	0	0	12	7.9	1,080	595	489	613	216	36	.06	0

CAL YEAR 1997	TOTAL	66.46	MEAN	.18	MAX	12	MIN	0	AC-FT	132
WTR YEAR 1998	TOTAL	1,536.44	MEAN	4.21	MAX	121	MIN	0	AC-FT	3,050

Gage sanded 3/16 no communication:7/13
 Gage sanded:7/22,7/27
 MAXIMUM INSTANTANEOUS PEAK WAS 317 CFS AT 1955 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 F194RO

F194B-R SAWPIT WASH BELOW LIVE OAK AVE.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.40	.44	.92	.77	.82	12	19	4.2	.99	.46	178	.28
2	.41	.46	.42	.83	.93	9.3	8.3	6.5	151	144	178	.29
3	.39	.59	.41	5.9	114	6.4	11	13	376	.27	76	1.2
4	.39	.63	.55	17	3.5	5.7	15	10	395	.27	4.0	2.1
5	.39	.72	5.4	.70	2.4	45	9.9	70	417	.27	.30	2.2
6	.57	.75	110	.34	155	35	6.4	171	414	.26	.21	2.1
7	.73	.86	12	.33	279	2.4	3.1	12	315	144	.29	2.0
8	.61	.86	1.6	.51	82	2.3	2.6	7.6	2.1	369	.27	2.0
9	.64	.89	1.1	106	8.8	2.2	40	7.5	.73	234	.27	2.1
10	.62	37	.92	28	1.1	1.5	173	6.8	.57	.26	.28	2.0
11	.53	1.1	.77	1.8	.82	.37	183	6.9	157	.30	.28	1.9
12	.47	.80	.79	1.3	1.6	1.1	8.2	100	222	.30	.29	1.9
13	.43	19	.74	2.0	3.1	11	7.8	76	221	.30	.28	1.9
14	.39	1.1	.83	.46	114	12	3.7	20	220	275	.28	1.0
15	.40	.98	.75	.95	9.3	5.3	.76	15	114	390	.28	.44
16	.47	.76	.37	.62	18	3.3	.69	13	2.0	382	.27	.46
17	.45	.63	.37	.89	43	.98	.68	12	.92	372	.29	.53
18	.44	.36	28	.84	1.1	.73	.67	172	.63	366	.27	.45
19	.45	.36	.99	7.5	30	74	.66	407	.62	73	.27	.46
20	.61	.37	.83	.58	11	122	.66	452	.61	.30	.25	.52
21	.82	.37	4.5	.38	6.1	42	.93	125	.63	.30	.27	.58
22	.84	.36	.86	11	112	.40	2.3	9.1	.60	.30	.27	.50
23	.88	.36	.82	18	401	.37	1.2	8.6	.61	.30	.27	.52
24	.92	.53	.75	18	171	1.1	.68	8.6	.60	.30	.28	.51
25	.83	.71	.68	18	62	163	.67	9.1	.56	.30	.27	.48
26	.74	68	.76	18	41	11	.69	8.5	.56	.30	.27	.46
27	.60	1.5	.83	18	18	13	3.2	7.6	.58	.30	.36	.46
28	.46	.80	.83	18	15	53	4.6	3.5	.58	.30	.27	.48
29	.43	.72	.58	34	-----	10	4.5	.82	.52	.30	.27	.47
30	.43	23	.38	.97	-----	6.0	4.4	.75	.41	69	.28	.49
31	.43	-----	.60	.83	-----	54	-----	.77	-----	178	.33	-----
TOTAL	17.17	165.01	179.35	332.50	1,705.57	706.45	518.29	1,764.84	3,016.82	3,001.69	443.52	30.78
MEAN	.55	5.50	5.79	10.7	60.9	22.8	17.3	56.9	101	96.8	14.3	1.03
MAX	.92	68	110	106	401	163	183	452	417	390	178	2.2
MIN	.39	.36	.37	.33	.82	.37	.66	.75	.41	.26	.21	.28
AC-FT	34	327	356	660	3,380	1,400	1,030	3,500	5,980	5,950	880	61

CAL YEAR 1997	TOTAL	7,255.21	MEAN	19.9	MAX	393	MIN	.06	AC-FT	14,390
WTR YEAR 1998	TOTAL	11,881.99	MEAN	32.6	MAX	452	MIN	.21	AC-FT	23,570

10/06/98,EE

Est. 07/12/98 thru 08/05/98, due to Recorder failure.

MAXIMUM INSTANTANEOUS PEAK WAS 2,960 CFS AT 1250 ON 02/06/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

0F32RO F32B-R THOMPSON CREEK BELOW DAM

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	3.1	1.6	.13	.13	0	0	0
2	0	0	0	0	0	2.1	.99	.13	.03	0	0	0
3	0	0	0	0	.10	1.6	.70	.13	0	0	0	0
4	0	0	0	0	.01	1.3	.85	.13	0	0	0	0
5	0	0	0	0	0	1.2	.86	.13	0	0	0	0
6	0	0	0	0	.10	1.4	.64	.70	0	0	0	0
7	0	0	.02	0	.39	1.2	.51	.29	0	0	0	0
8	0	0	.03	0	9.8	.92	.32	.26	0	0	0	0
9	0	0	0	.02	1.8	.61	.26	.26	0	0	0	0
10	0	0	0	.15	0	.50	.26	.17	0	0	0	0
11	0	.04	0	.01	0	.48	.26	.13	0	0	0	0
12	0	.01	0	0	0	.47	.26	.33	0	0	0	0
13	0	0	0	0	0	.47	.26	3.9	0	0	0	0
14	0	0	0	0	.81	.51	.26	14	0	0	0	0
15	0	0	0	0	1.9	.37	.26	8.4	0	0	0	0
16	0	.03	0	0	.10	.36	.20	5.1	0	0	0	0
17	0	.07	0	0	.19	.33	.13	2.9	0	0	0	0
18	0	.06	0	0	0	.26	.13	1.4	0	0	0	0
19	0	0	0	0	0	.26	.13	.35	0	0	0	0
20	0	0	0	0	0	.25	.13	.22	0	0	0	0
21	0	0	0	0	0	.17	.13	.23	0	0	0	0
22	0	.06	0	0	3.5	.13	.13	.26	0	0	0	0
23	0	.05	0	0	37	.13	.13	.26	0	0	0	0
24	0	0	0	0	74	.13	.13	.26	0	0	0	0
25	0	0	0	0	26	.66	.13	.26	0	0	0	0
26	0	0	0	0	16	.75	.13	.26	0	0	0	0
27	0	0	0	0	7.6	.47	.13	.26	0	0	0	0
28	0	0	0	0	4.7	2.2	.13	.24	0	0	0	0
29	0	0	0	0	-----	2.1	.13	.13	0	0	0	0
30	0	0	0	0	-----	1.3	.13	.13	0	0	0	0
31	0	-----	0	0	-----	1.1	-----	.13	-----	0	0	-----
TOTAL	0	0.32	0.05	0.18	184.00	26.83	10.31	41.48	0.16	0	0	0
MEAN	0	.011	.002	.006	6.57	.87	.34	1.34	.005	0	0	0
MAX	0	.07	.03	.15	74	3.1	1.6	14	.13	0	0	0
MIN	0	0	0	0	0	.13	.13	.13	0	0	0	0
AC-FT	0	.6	.1	.4	365	53	20	82	.3	0	0	0

CAL YEAR 1997	TOTAL	24.26	MEAN	.066	MAX	11	MIN	0	AC-FT	48
WTR YEAR 1998	TOTAL	263.33	MEAN	.72	MAX	74	MIN	0	AC-FT	522

Data as of 10/07/98

MB

MAXIMUM INSTANTANEOUS PEAK WAS 158 CFS AT 2320 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480
 OF54RO

F54C-R TOPANGA CREEK ABOVE MOUTH OF CANYON

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	1.1	1.2	2.3	2.5	106	107	10	11	8.9	1.4	.91
2	1.1	1.1	1.1	2.3	103	106	71	10	11	8.7	1.4	1.2
3	1.1	1.1	1.1	2.3	442	97	45	10	11	7.4	1.4	1.2
4	1.1	1.1	1.1	2.5	107	94	24	10	11	6.7	1.4	1.3
5	1.1	1.1	21	2.3	102	94	20	10	11	6.6	1.3	1.4
6	1.1	1.1	128	2.3	273	94	16	10	11	4.9	1.3	1.4
7	1.1	1.1	3.5	2.3	398	94	13	10	11	4.6	1.4	1.4
8	1.1	1.1	2.4	2.3	100	94	11	10	11	4.4	1.4	1.3
9	1.1	1.1	2.2	28	92	94	10	10	11	4.3	1.3	1.3
10	1.1	1.1	2.2	17	92	94	10	10	11	4.2	1.3	1.2
11	1.1	.95	2.2	2.5	92	94	10	12	11	4.1	1.2	1.2
12	1.1	.95	2.2	2.2	92	94	10	12	11	4.0	1.1	1.2
13	1.1	.95	2.2	2.2	92	94	10	12	11	3.9	1.1	1.1
14	1.1	.93	2.2	2.2	106	94	10	12	11	3.8	1.1	1.1
15	1.1	.88	2.2	2.2	111	94	10	12	11	3.7	1.1	1.1
16	1.1	.88	2.2	2.2	111	94	10	12	11	3.5	1.1	1.0
17	1.1	.88	2.2	2.2	111	94	10	12	11	3.4	1.1	1.0
18	1.1	.88	34	2.2	111	94	10	12	11	3.2	1.2	1.0
19	1.1	.88	4.4	2.6	111	94	10	12	11	3.1	1.2	.99
20	1.1	.88	2.5	2.5	111	93	10	12	11	3.0	1.1	1.0
21	1.1	.88	2.5	2.5	111	93	10	12	11	2.9	1.1	1.0
22	1.1	.88	2.5	2.5	123	93	10	12	11	2.6	1.0	.94
23	1.1	.88	2.4	2.4	494	93	10	12	11	2.4	1.0	.85
24	1.1	.88	2.3	2.4	107	93	10	12	11	2.3	1.0	.82
25	1.1	.88	2.3	2.4	108	121	10	11	11	2.1	1.0	.81
26	1.1	2.5	2.3	2.3	107	108	10	11	10	2.0	1.0	.82
27	1.1	1.0	2.3	2.3	106	107	10	11	10	1.9	1.0	.84
28	1.1	1.0	2.3	2.3	106	107	10	11	9.8	1.7	.97	.79
29	1.1	1.0	2.3	20	-----	106	10	11	9.4	1.6	.95	.76
30	1.1	12	2.3	2.7	-----	106	10	11	9.2	1.5	.90	.77
31	1.1	-----	2.3	2.5	-----	106	-----	11	-----	1.4	.98	-----
TOTAL	34.1	41.96	245.9	130.9	4,021.5	3,039	527	345	323.4	118.8	35.80	31.70
MEAN	1.10	1.40	7.93	4.22	144	98.0	17.6	11.1	10.8	3.83	1.15	1.06
MAX	1.1	12	128	28	494	121	107	12	11	8.9	1.4	1.4
MIN	1.1	.88	1.1	2.2	2.5	93	10	10	9.2	1.4	.90	.76
AC-FT	68	83	488	260	7,980	6,030	1,050	684	641	236	71	63
CAL YEAR 1997	TOTAL	994.52	MEAN	2.72	MAX	128	MIN	.88	AC-FT	1,970		
WTR YEAR 1998	TOTAL	8,895.06	MEAN	24.4	MAX	494	MIN	.76	AC-FT	17,640		

As of 10/08/98 .RV.

MAXIMUM INSTANTANEOUS PEAK WAS 2,470 CFS AT 1540 ON 02/23/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F252RO F252-R VERDUGO WASH @ ESTELLE AVE.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.2	4.7	7.6	6.2	6.5	19	57	9.1	10	9.3	10	6.7
2	6.2	4.7	6.2	6.7	14	18	20	15	11	9.7	9.5	7.0
3	6.2	4.7	7.3	29	314	17	25	16	11	9.4	9.3	7.8
4	6.2	5.0	6.3	28	12	16	28	99	11	9.3	9.0	7.2
5	6.2	5.4	74	6.2	8.8	24	18	132	11	9.2	8.8	7.1
6	6.2	5.7	148	5.9	228	41	16	36	11	9.5	8.8	7.2
7	5.9	6.2	20	6.1	438	14	15	14	11	9.7	8.7	7.4
8	5.2	5.9	7.6	6.2	128	14	14	12	11	10	8.5	7.6
9	5.2	5.4	6.2	115	22	13	13	13	11	10	8.2	7.6
10	5.4	59	6.2	43	15	13	13	11	11	10	9.0	7.9
11	4.9	13	6.2	7.6	12	12	67	11	15	10	8.5	7.5
12	4.8	6.9	6.2	8.2	11	11	14	166	18	10	7.8	7.5
13	5.3	10	6.2	12	10	51	13	125	10	11	7.7	7.5
14	5.6	11	6.6	6.3	160	27	12	20	10	11	7.4	7.5
15	6.2	7.6	6.7	8.6	14	11	11	16	10	11	7.4	7.3
16	5.4	6.4	6.2	6.4	18	11	12	15	15	11	7.6	6.9
17	5.4	6.0	6.1	6.2	47	11	12	13	12	12	8.2	6.9
18	5.4	5.4	63	6.2	11	10	12	12	9.9	11	8.3	7.1
19	5.4	5.5	6.9	28	72	9.5	11	12	9.9	12	8.1	6.9
20	5.4	6.6	6.2	6.4	17	8.9	10	12	9.9	9.8	8.5	7.1
21	5.4	6.2	6.4	6.2	13	8.5	11	11	9.9	11	8.7	8.3
22	5.4	6.1	6.1	6.2	228	8.2	11	11	9.9	13	8.6	8.1
23	5.4	5.4	6.2	6.2	966	7.6	11	11	10	11	8.7	8.5
24	5.4	5.0	6.1	6.2	238	9.6	11	12	9.7	11	8.7	11
25	5.2	4.9	5.8	6.2	51	227	11	14	9.6	11	8.3	11
26	4.7	101	6.1	6.3	32	18	10	12	9.6	11	8.4	11
27	4.0	8.0	5.7	6.3	26	17	10	11	9.2	11	8.2	28
28	3.9	6.2	5.7	6.2	21	63	9.8	11	8.9	10	8.4	7.7
29	3.9	6.3	6.1	85	-----	14	9.6	11	9.1	11	8.5	8.0
30	4.4	55	6.2	6.7	-----	14	9.2	11	9.2	10	8.8	7.7
31	4.7	-----	6.2	7.3	-----	196	-----	10	-----	10	9.3	-----
TOTAL	165.1	389.2	476.3	497.0	3,133.3	934.3	496.6	884.1	323.8	324.9	263.9	255.0
MEAN	5.33	13.0	15.4	16.0	112	30.1	16.6	28.5	10.8	10.5	8.51	8.50
MAX	6.2	101	148	115	966	227	67	166	18	13	10	28
MIN	3.9	4.7	5.7	5.9	6.5	7.6	9.2	9.1	8.9	9.2	7.4	6.7
AC-FT	327	772	945	986	6,210	1,850	985	1,750	642	644	523	506
CAL YEAR 1997	TOTAL	5,108.3	MEAN	14.0	MAX	242	MIN	1.9	AC-FT	10,130		
WTR YEAR 1998	TOTAL	8,143.5	MEAN	22.3	MAX	966	MIN	3.9	AC-FT	16,150		

MAXIMUM INSTANTANEOUS PEAK WAS 5,550 CFS AT 2125 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

F304RO F304-R WALNUT CREEK ABOVE PUENTE AVE.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.11	.16	1.9	.57	6.5	130	32	2.1	.05	.04	.02	2.7
2	.08	2.5	.85	.49	99	8.6	3.5	1.3	.05	.03	.03	67
3	.09	.23	3.2	29	466	4.4	8.2	2.0	.08	.03	.10	2.6
4	.11	.11	12	81	22	.35	136	7.7	1.3	.02	.28	1.6
5	.13	.12	11	2.2	43	15	119	82	1.6	.03	.24	1.5
6	.15	.72	445	.97	507	32	4.0	198	1.6	.08	.01	1.4
7	.11	.14	54	1.2	965	1.6	4.0	157	1.6	.16	.35	1.2
8	.10	.11	15	.72	413	1.3	3.6	9.4	2.9	.10	.77	1.2
9	.07	.08	14	529	147	1.3	1.6	6.4	2.7	.06	.75	1.2
10	.09	68	27	140	175	1.2	1.4	6.3	2.6	.03	.99	1.1
11	.22	2.3	55	2.9	70	.69	37	5.6	4.7	.07	.94	1.1
12	.08	.82	62	1.3	30	1.1	1.9	236	2.4	.03	.52	1.2
13	.08	34	61	2.6	31	72	3.0	189	1.1	.03	.03	1.1
14	.08	6.7	60	1.7	459	36	1.8	162	.98	.03	.11	1.2
15	.09	6.4	65	1.4	122	.92	1.6	232	.92	.03	.02	1.1
16	.11	5.0	43	1.4	208	1.5	1.7	100	1.0	.02	.02	1.1
17	.14	2.6	5.7	1.1	97	1.7	1.6	6.5	1.1	.03	.03	1.1
18	.14	2.5	62	.77	5.6	1.3	1.4	138	.97	.03	.04	.61
19	.11	1.5	1.7	32	88	1.2	1.8	134	.84	.03	.03	.05
20	.24	.20	.89	7.5	21	1.2	1.9	9.5	.97	1.3	.03	.04
21	.59	.06	6.9	6.0	73	1.2	1.2	68	1.1	.45	.05	.05
22	.96	.06	.73	4.7	670	1.2	1.2	207	.53	.15	.05	.04
23	.13	.07	.68	4.5	1,310	1.2	1.4	205	.02	.21	.05	.07
24	.12	.08	.59	4.0	566	183	1.4	98	.02	.01	.08	.03
25	.10	1.4	.54	4.0	324	402	1.6	5.8	.02	.02	.28	1.2
26	.12	182	.45	3.9	314	7.1	1.2	5.1	.02	.01	.16	2.2
27	.08	7.0	.57	3.3	308	14	6.9	4.5	.03	.01	.08	2.3
28	.09	2.7	.61	3.3	302	66	.13	103	.03	.02	.06	1.9
29	.21	2.4	.62	92	-----	2.7	.58	.20	.03	.02	.08	2.1
30	.20	58	.64	8.8	-----	1.3	1.8	.09	.28	.02	.12	.78
31	.13	-----	.63	7.5	-----	106	-----	.05	-----	.02	5.3	-----
TOTAL	5.06	387.96	1,013.20	979.82	7,842.1	1,099.06	384.41	2,381.54	31.54	3.12	11.62	100.77
MEAN	.16	12.9	32.7	31.6	280	35.5	12.8	76.8	1.05	.10	.37	3.36
MAX	.96	182	445	529	1,310	402	136	236	4.7	1.3	5.3	67
MIN	.07	.06	.45	.49	5.6	.35	.13	.05	.02	.01	.01	.03
AC-FT	10	770	2,010	1,940	15,550	2,180	762	4,720	63	6.2	23	200
CAL YEAR 1997	TOTAL	3,774.42	MEAN	10.3	MAX	445	MIN	.01	AC-FT	7,490		
WTR YEAR 1998	TOTAL	14,240.20	MEAN	39.0	MAX	1,310	MIN	.01	AC-FT	28,250		

10/07/98,EE

MAXIMUM INSTANTANEOUS PEAK WAS 5,670 CFS AT 2135 ON 02/07/98

RUNOFF - DAILY DISCHARGE

WESTERN HYDROLOGIC SYSTEMS - (916) 885-2480

0F40RO F40-R PUDDINGSTONE CREEK BELOW DAM

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1997 TO SEP 1998

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.57	.47	2.0	.30	.33	115	1.3	1.2	1.3	1.8	1.5	1.7
2	.57	.47	18	.30	115	18	1.2	1.2	1.4	1.8	1.5	2.4
3	.57	.47	25	.37	50	18	1.3	1.2	1.4	1.8	1.6	2.2
4	.59	.46	25	.43	34	6.8	164	1.3	1.4	1.8	1.6	2.2
5	.57	.47	16	.33	83	1.1	91	1.2	1.4	1.7	1.6	2.2
6	.48	.47	1.1	.30	35	1.0	3.6	80	1.4	1.6	1.6	2.2
7	.47	.47	14	.30	105	.93	3.6	96	1.4	1.6	1.6	2.2
8	.47	.47	25	.30	192	.93	1.9	1.2	1.4	1.5	1.6	2.2
9	.47	.47	25	1.1	170	.93	1.1	1.2	1.5	1.5	1.7	2.2
10	.50	.56	35	.66	172	.93	1.1	1.3	1.5	1.5	1.9	2.2
11	.57	.47	63	.47	78	26	1.1	35	1.5	1.6	2.1	2.4
12	.54	15	70	.47	55	14	1.1	16	1.4	1.6	1.8	2.2
13	.50	22	71	.47	35	.99	1.1	3.5	1.4	1.4	1.9	2.2
14	.47	7.8	70	.46	1.9	1.1	1.1	125	1.5	1.5	1.8	2.2
15	.50	7.7	78	.39	154	1.0	1.2	186	1.4	1.5	1.8	2.2
16	.47	4.1	48	.40	191	1.1	1.3	55	1.4	1.4	1.8	2.2
17	.50	2.1	3.3	.38	17	1.1	1.4	1.2	1.4	1.5	1.8	2.2
18	.47	2.0	.50	.38	12	1.1	1.3	130	1.4	1.6	1.8	2.2
19	.47	20	.47	.48	.93	1.1	1.2	76	1.4	1.6	1.8	2.2
20	.54	13	.42	.42	.91	1.2	1.3	1.1	1.4	1.6	1.8	2.2
21	.47	4.6	.40	.40	76	1.2	1.3	63	1.4	1.5	1.8	2.2
22	.66	1.9	.39	.38	295	1.1	1.3	153	1.3	1.7	1.7	2.2
23	.51	.47	.38	.38	311	1.1	1.3	151	1.4	1.6	1.8	2.2
24	.55	9.1	.38	.38	251	242	1.3	52	1.4	1.6	1.8	2.2
25	.47	9.8	.38	.35	312	47	1.3	1.2	1.5	1.7	1.8	2.2
26	.47	3.4	.38	.30	309	1.2	1.3	1.2	1.5	1.6	1.8	2.2
27	.47	2.0	.38	.30	306	1.2	20	1.3	1.5	1.5	1.8	2.3
28	.48	1.8	.33	.30	303	1.4	17	121	1.4	1.5	1.8	2.2
29	.47	1.8	.30	.43	-----	1.4	1.0	1.2	1.5	1.5	1.8	2.2
30	.47	1.9	.30	.38	-----	31	1.2	1.2	1.7	1.5	1.9	2.3
31	.47	-----	.30	.38	-----	17	-----	1.2	-----	1.5	1.9	-----
TOTAL	15.78	135.72	594.71	12.69	3,665.07	557.91	329.2	1,361.9	42.9	49.1	54.5	66.1
MEAN	.51	4.52	19.2	.41	131	18.0	11.0	43.9	1.43	1.58	1.76	2.20
MAX	.66	22	78	1.1	312	242	164	186	1.7	1.8	2.1	2.4
MIN	.47	.46	.30	.30	.33	.93	1.0	1.1	1.3	1.4	1.5	1.7
AC-FT	31	269	1,180	25	7,270	1,110	653	2,700	85	97	108	131
CAL YEAR 1997	TOTAL	1,976.97	MEAN	5.42	MAX	105	MIN	.30	AC-FT	3,920		
WTR YEAR 1998	TOTAL	6,885.58	MEAN	18.9	MAX	312	MIN	.30	AC-FT	13,660		

10/06/98,EE

MAXIMUM INSTANTANEOUS PEAK WAS 818 CFS AT 0955 ON 05/28/98

APPENDIX D

HYDROLOGIC REPORT 1997 – 1998

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Big Dalton Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1929-30	52	3	0	52		N.D.
1930-31	41	2	0	41	Apr 26	3
1931-32	690	54	0	688	Feb 09	86
1932-33	79	5	0	81	Jan 20	12
1933-34	448	93	0	448	Jan 01	227
1934-35	593	21	0	575	Apr 08	49
1935-36	360	12	0	370	Feb 11	72
1936-37	1879	51	0	1868	Feb 06	98
1937-38	3271	415	0	3192	Mar 02	1320
1938-39	280	4	0	288	Jan 05	26
1939-40	232	4	0	236	Jan 08	29
1940-41	2767	56	+	2748	Mar 04	88
1941-42	209	2	0	233	Mar 14	6
1942-43	3143	160	0	3110	Jan 23	595
1943-44	1087	109	+	1085	Feb 22	226
1944-45	734	19	0	729	Nov 11	47
1945-46	525	40	0	509	Dec 23	148
1946-47	492	16	0	512	Nov 20	56
1947-48	58	1	0	8	Apr 28	9.7
1948-49	94	1	0	113	Dec 17	3.3
1949-50	142	2	0	130	Feb 06	3.5
1950-51	27	2	+	14	Jan 11	4.8
1951-52	1626	73	0	1577	Jan 16	154
1952-53	120	1	+	68	Dec 01	4.8
1953-54	346	13	0	359	Jan 25	53
1954-55	87	1	+	5	Jan 18	2.4
1955-56	190	14	+	213	Jan 26	56
1956-57	76	1	+	27	Jan 13	1.8
1957-58	2104	97	0	2052	Apr 03	169
1958-59	160	6	+	133	Feb 16	26
1959-60	54	1	+	11	Apr 27	4.8
1960-61	187	18	0	1510	Nov 05	462
1961-62	1222	63	0	933	Dec 02	1130
1962-63	248	20	0	159	Feb 09	92
1963-64	165	3	0	300	Mar 22	30
1964-65	380	18	0	15	Apr 09	73

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Big Dalton Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1965-66	2210	113	0	2013	Nov 22	489
1966-67	4787	292	0	4790	Dec 06	685
1967-68	771	15	0	681	Nov 19	56
1968-69	13251	1210	0	12995	Jan 25	1540
1969-70	728	15	0	610	Feb 28	91
1970-71	856	22	0	1100	Dec 21	38
1971-72	217	10	+		Dec 27	11
1972-73	1386	100	+	1046	Feb 11	163
1973-74	860	43	0	1030	Jan 07	68
1974-75	379	4	0	211	Mar 06	7.8
1975-76	237	6	0	467	Mar 01	17
1976-77	171	3	0	20	Jan 03	14
1977-78	6182	232	0	6234	Mar 04	500
1978-79	R.I.					N.D.
1979-80	R.I.					N.D.
1980-81	349	5	0	364	Jan 29	29
1981-82	1018	50	0	923	Mar 17	53
1982-83	5562	240	0	5532	Mar 01	350
1983-84	703	8	0	704	Dec 25	16
1984-85	611	10	0	585	Dec 19	16
1985-86	886	20	0	865	Mar 16	26.3
1986-87	203	N.D.	0	196	Jan 04	N.D.
1987-88	342	7	0	324	Jan 17	17
1988-89	382	13	0	340	Feb 04	31
1989-90	112	3	0	90	Feb 17	8
1990-91	470	26	0	453	Mar 27	62
1991-92	1259	37	0	1243	Feb 12	121
1992-93	7102	322	0	7146	Jan 18	385
1993-94	369	3	0	300	Feb 07	4
1994-95	3839	73	0	3820	Jan 10	127
1995-96	1247	54	0	1215	Feb 20	96
1996-97	1127	7.6	0	1108		N.D.
1997-98	4703	213	0	4642	Feb 23	344

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Big Tujunga Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1932-33	4342	218	0	4518		N.D.
1933-34	4441	994	0	4234	Jan 01	2430
1934-35	11992	380	0	10698	Apr 08	718
1935-36	3875	130	0	5508	Feb 12	312
1936-37	26969	803	0.6	25729	Feb 06	1740
1937-38	64855	12030	1	65022	Mar 02	32940
1938-39	9905	327	1.2	9106	Dec 19	666
1939-40	7058	337	0.4	7197	Jan 08	2300
1940-41	59402	1200	0.9	59086	Mar 04	1570
1941-42	7120	70	0.8	7724	Dec 10	134
1942-43	52877	5700	1.1	52919	Jan 23	17850
1943-44	42270	2780	5	41722	Feb 22	4770
1944-45	13206	475	1.2	12231	Nov 11	1850
1945-46	11543	1150	0.8	12383	Mar 30	2310
1946-47	12987	674	0.9	12827	Nov 13	1690
1947-48	2679	44	0.7	3579	Apr 29	85
1948-49	2129	16	0.1	1645	Mar 11	18
1949-50	2029	32	0.2	1905	Feb 06	43
1950-51	841	7.7	0.1	1235	Apr 29	17
1951-52	27288	896	0.3	26125	Jan 18	2030
1952-53	3496	35	0.1	4873	Nov 15	108
1953-54	5389	212	0.1	5290	Jan 25	500
1954-55	2623	30	0.2	2282	Jan 18	52
1955-56	3026	233	0.4	3433	Jan 26	582
1956-57	1967	107	0.1	1660	Jan 13	283
1957-58	27558	1220	0.1	27563	Apr 03	2860
1958-59	3405	172	0.1	3152	Jan 06	213
1959-60	1183	12	0.3	1653	Jan 12	24
1960-61	838	14	0.4	718	Nov 06	35
1961-62	16711	2540	0.4	16776	Feb 11	5050
1962-63	1715	90	0.2	1359	Feb 10	237
1963-64	1526	40	0	2039	Jan 22	90
1964-65	2429	60	0.4	1503	Apr 09	165
1965-66	30772	2810	0.6	29779	Dec 29	10800
1966-67	30158	1180	1.6	30338	Dec 06	2600
1967-68	10584	352	1	11446	Nov 21	725

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Big Tujunga Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1968-69	107609	7800	0	106462	Feb 25	17800
1969-70	11643	372	1.5	11624	Mar 01	613
1970-71	12394	1100	2.1	11412	Nov 29	3970
1971-72	4118	194	0.5	3374	Dec 24	462
1972-73	15375	1914	0.5	14680	Feb 11	6320
1973-74	8663	256	0.9	5582	Jan 07	561
1974-75	5442	198	0.3	8666	Mar 06	315
1975-76	4482	408	0.1	3863	Feb 09	1400
1976-77	3928	164	1.2	3547	Jan 03	878
1977-78	R.I.					N.D.
1978-79	R.I.					N.D.
1979-80	R.I.					N.D.
1980-81	10927	226	3.0	11470	Jan 29	496
1981-82	16578	569	3.8	16557	Mar 17	1499
1982-83	95294	7065	3.8	93880	Mar 01	10007
1983-84	10861	337	0.0	11314	Dec 25	808
1984-85	7362	200	0.7	6952	Dec 19	361
1985-86	12370	529	0.4	11757	Jan 30	969
1986-87	2943	28	0.0	2843	Jan 04	53
1987-88	7121	190	0.0	6902	Feb 01	685
1988-89	4300	91	0.0	4208	Feb 10	131
1989-90	929	41	0.0	741	Feb 17	62
1990-91	8074	530	0.0	7992	Mar 01	1871
1991-92	31767	1249	0.1	31414	Feb 12	5167
1992-93	89492	3490	0.2	89311	Feb 19	7774
1993-94	8635	80	0.0	9241	Feb 08	170
1994-95	34562	1005	0.2	34532	Jan 10	3608
1995-96	8491	477	1.1	7970	Feb 21	530
1996-97	9025	156	0.3	8080		N.D.
1997-98	48676	3370	0.4	48281	Feb 23	8288

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Cogswell Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1934-35	3517	54	0.1	3517		N.D.
1935-36	7154	265	0	7138		N.D.
1936-37	32986	943	0.1	32996	Feb 14	1240
1937-38	60336	7990	1.4	58799	Mar 02	24710
1938-39	11560	673	0.9	11369	Sep 25	1360
1939-40	9634	309	0.8	9569	Jan 08	2020
1940-41	61270	1400	0.5	59951	Feb 20	1640
1941-42	6080	108	0.3	7331	Dec 10	294
1942-43	54700	2320	0.7	53703	Jan 23	15000
1943-44	38150	2,860	1.4	37460	Feb 22	4650
1944-45	11887	424	1.4	10385	Nov 11	1600
1945-46	14711	1260	0.8	16377	Mar 30	2790
1946-47	20135	1030	0.1	20135	Dec 25	2290
1947-48	3103	86	0.3	3032	Apr 29	262
1948-49	2911	32	0.3	2765	Jan 20	65
1949-50	3778	99	0.4	3536	Dec 18	239
1950-51	887	9.6	0.3	568	Apr 29	24
1951-52	33783	1260	0.3	25439	Jan 16	2640
1952-53	4410	70	0.8	12345	Dec 01	254
1953-54	8004	412	0.3	7500	Jan 24	1030
1954-55	3941	51	0.3	3165	Apr 30	176
1955-56	4070	419	0.1	3564	Jan 26	1040
1956-57	3421	225	0.2	3757	Jan 13	685
1957-58	36476	1460	0.0	34530	Apr 03	3710
1958-59	4904	340	0.4	6205	Jan 06	1760
1959-60	1935	27	0.5	2006	Jan 10	65
1960-61	1106	36	0.4	572	Jan 26	116
1961-62	25497	3480	0.3	23255	Feb 11	7010
1962-63	3220	153	0.6	4783	Feb 09	1017
1963-64	2587	89	0.4	2647	Apr 01	276
1964-65	5037	266	0.3	4159	Apr 09	479
1965-66	41747	2640	0.3	42170	Dec 29	9220
1966-67	40504	1860	0.6	32757	Dec 06	4650
1967-68	9569	338	0.6	12713	Nov 19	893
1968-69	95676	6380	0.1	90488	Jan 25	15700
1969-70	10222	410	1.0	13859	Feb 28	1020

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Cogswell Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1970-71	10822	1030	0.8	11683	Nov 29	2930
1971-72	4009	297	0.4	4557	Dec 24	798
1972-73	19613	2210	0.4	16632	Feb 11	6970
1973-74	12746	424	1.1	12051	Jan 07	880
1974-75	6610	241	1.1	8344	Mar 06	432
1975-76	5550	509	0.1	5040	Feb 09	824
1976-77	4955	206	0.3	5000	Jan 03	421
1977-78	86754	3852	0.0	86030	Feb 10	11200
1978-79	23057	519	1.9	24083	Jan 05	N.D.
1979-80	59867	3028	1.8	57887	Feb 16	6196
1980-81	5299	127	0	7752	Jan 29	511
1981-82	14258	605	0.4	9059	Mar 17	1238
1982-83	77775	3966	1.4	78446	Mar 02	5898
1983-84	9561	272	2.8	12495	Dec 25	790
1984-85	7167	284	0.0	6383	Dec 19	531
1985-86	15584	560	0.6	15314	Feb 15	916
1986-87	2194	35	0.1	2669	Jan 04	63
1987-88	11621	282	0.0	10919	Mar 01	528
1988-89	4953	99	0.0	5105	Feb 04	175
1989-90	1903	61	0.0	1775	Feb 18	99
1990-91	10229	605	0.0	10921	Mar 01	1063
1991-92	39922	2352	0.2	39922	Feb 11	5231
1992-93	83608	2330	0.0	78936	Feb 19	4135
1993-94	6896	105	0.2	11142	Feb 08	162
1994-95	41056	1002	0.1	41072	Jan 10	2479
1995-96	8780	496	0.1	8777	Feb 20	1056
1996-97	9428	192	0.2	8089		N.D.
1997-98	47709	3476	0.5	41403	Feb 23	7343

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Devil's Gate Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1933-34	2938	757	0	0	Jan 01	3310
1934-35	3843	N.D.	0	N.D.	Oct 17	1310
1935-36	3457	N.D.	0	86	Feb 02	939
1936-37	12030	340	0	2818	Feb 06	852
1937-38	25436	3720	0	17496	Mar 02	10840
1938-39	3044	200	0	634	Dec 19	201
1939-40	1350	142	0	745	Jan 08	859
1940-41	27013	1380	0	24582	Feb 20	3870
1941-42	689	91	0	443	Dec 10	479
1942-43	25655	2560	0	23552	Jan 23	7740
1943-44	8680	1450	0	7905	Feb 22	2310
1944-45	2341	288	0	2031	Nov 11	949
1945-46	2994	435	0	1343	Dec 22	1040
1946-47	4045	285	0	3949	Dec 25	1280
1947-48	260	32	0	57	Mar 24	444
1948-49	185	14	0	37	Mar 10	59
1949-50	318	37	0	81	Feb 06	237
1950-51	171	18	0	17	Jan 11	468
1951-52	11508	792	0	11377	Jan 16	2650
1952-53	563	51	0	194	Nov 15	823
1953-54	1324	178	0	488	Jan 25	565
1954-55	651	50	0	154	Jan 18	334
1955-56	2229	591	0	1339	Jan 26	1420
1956-57	926	111	0	142	Feb 23	795
1957-58	9642	447	0	6508	Apr 03	1020
1958-59	1055	160	0	465	Jan 06	1280
1959-60	1052	40	0	131	Jan 11	329
1960-61	1035	131	0	488	Nov 06	1260
1961-62	7014	970	0	5260	Feb 11	1840
1962-63	1215	289	0	251	Feb 09	1290
1963-64	860	81	0	170	Jan 21	727
1964-65	1721	170	0	246	Apr 09	755
1965-66	15667	1340	0	13199	Nov 22	3740
1966-67	16391	934	0	6057	Dec 06	2130
1967-68	6858	698	0	2233	Nov 19	1310
1968-69	44817	4220	0	39164	Jan 25	7910

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Devil's Gate Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1969-70	2109	202	0	1311	Mar 04	534
1970-71	3098	682	0	1894	Nov 29	1760
1971-72	798	152	0	+	Dec 24	433
1972-73	8298	1517	0	5615	Feb 11	3520
1973-74	4032	589	0	2749	Jan 07	1100
1974-75	2024	237	0	711	Mar 06	451
1975-76	2172	281	0	1204	Sep 10	869
1976-77	1682	177	0	1593	Jan 03	587
1977-78	R.I.				Mar 04	6941
1978-79	R.I.				Mar 28	269
1979-80	R.I.				Feb 16	2793*
1980-81	1857	84	0	2337	Jan 29	802
1981-82	6574	199	0	6569	Mar 17	272
1982-83	26491	2571	0	26338	Mar 02	3419
1983-84	937	100	0	1074	Oct 01	105
1984-85	1320	129	0	1320	Dec 19	480
1985-86	2877	166	0	2877	Feb 15	282
1986-87	N.D.	N.D.		N.D.	Jan 04	202
1987-88	2346	96	0	2346	Oct 31	226
1988-89	113	18	0	113	Dec 16	54
1989-90	142	12	0	142	Feb 17	88
1990-91	4997	523	0	4997	Mar 01	924
1991-92	19885	1310	0	19885	Feb 12	3107
1992-93	60794	1134	0	60793	Jan 17	2213
1993-94	1456	21	0	1456	Feb 17	25
1994-95	21173	1030	0	21173	Jan 10	2493
1995-96	3119	414	0	3120	Feb 21	584
1996-97	R.I.					N.D.
1997-98	R.I.					N.D.

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Eaton Wash Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1936-37	3062	112	0	1502		N.D.
1937-38	6993	883	0	5213	Mar 02	2670
1938-39	340	51	0	84	Dec 18	169
1939-40	390	31	0	96	Jan 08	220
1940-41	7323	188	0	6089	Feb 20	426
1941-42	78	11	0	0	Dec 10	73
1942-43	7212	498	0	6399	Jan 23	1700
1943-44	2901	265	0	1970	Feb 22	371
1944-45	331	52	0	101	Nov 11	204
1945-46	514	77	0	265	Dec 23	284
1946-47	746	74	0	507	Nov 13	286
1947-48	64	11	0	5	Apr 28	90
1948-49	36	4.7	0	1.2	Jan 20	10
1949-50	188	23	0	61	Dec 18	88
1950-51	44	3.8	0	7.5	Jan 11	80
1951-52	2636	151	0	2020	Jan 16	495
1952-53	145	18	0	0	Dec 01	225
1953-54	533	56	0	202	Jan 19	220
1954-55	146	14	0	0	Jan 18	91
1955-56	330	123	0	151	Jan 26	422
1956-57	127	20	0	9.2	Feb 23	138
1957-58	3114	150	0	2248	Apr 01	443
1958-59	301	46	0	152	Jan 06	702
1959-60	60	5.8	0	0	Jan 11	48
1960-61	61	10	0	0	Jan 26	39
1961-62	1729	322	0	1299	Feb 11	737
1962-63	177	51	0	19	Feb 09	198
1963-64	222	38	0	33	Jan 22	246
1964-65	534	49	0	328	Apr 09	220
1965-66	5400	415	0	4267	Dec 29	1520
1966-67	3856	317	0	1907	Dec 06	595
1967-68	1304	133	0	404	Nov 19	331
1968-69	20866	1,110	0	18644	Jan 25	2540
1969-70	718	90	0	527	Mar 05	878
1970-71	809	178	0	581	Nov 29	457
1971-72	207	42	0	+	Dec 27	107

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Eaton Wash Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1972-73	4299	532	0	2844	Feb 11	587
1973-74	2420	200	0	1607	Jan 07	309
1974-75	672	79	0	418	Mar 06	81
1975-76	893	74	0	424	Mar 01	175
1976-77	461	36	0	281	Jan 03	191
1977-78	R.I.					N.D.
1978-79	R.I.					N.D.
1979-80	R.I.					N.D.
1980-81	578	45	0	587	Mar 01	195
1981-82	1676	121	0	1530	Mar 17	200
1982-83	19050	732	0	18941	Mar 02	1982
1983-84	1918	61	0	1929	Dec 25	188
1984-85	701	23	0	698	Dec 19	23
1985-86	1937	56	0	1933	Jan 30	223
1986-87	N.D.	27	0	N.D.	Jan 04	N.D.
1987-88	848	55	0	649	Feb 01	228
1988-89	322	26	0	182	Dec 16	74
1989-90	233	40	0	131	Feb 17	63
1990-91	1602	127	0	1589	Mar 01	239
1991-92	5693	295	0	5678	Feb 11	1068
1992-93	14662	340	0	14661	Jan 07	937
1993-94	1100	26	0	984	Feb 08	51
1994-95	7500	225	0	7461	Jan 10	757
1995-96	1891	158	0	1865	Feb 20	266
1996-97	R.I.					N.D.
1997-98	6514	308	0	6514	Feb 23	1418

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Live Oak Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1932-33	0	0	0	0		0
1933-34	N.D.	N.D.	N.D.	142		N.D.
1934-35	27	2.3	0	27	Apr 08	16
1935-36	N.D.	4.1	0	0		N.D.
1936-37	494	35	0	413	Feb 06	139.2
1937-38	800	147	0	785	Mar 02	339
1938-39	21	1.0	0	3.2	Feb 03	1.4
1939-40	16	1.2	0	1.4	Jan 08	11
1940-41	719	39	0	718	Mar 04	90
1941-42	0	+	+	0		+
1942-43	827	78	0	827	Jan 22	170
1943-44	218	33	0	218	Feb 22	74
1944-45	177	9.4	0	177	Feb 02	67
1945-46	105	22	0	89	Dec 23	127
1946-47	64	7.5	0	45	Nov 20	25
1947-48	0	0	0	0		N.D.
1948-49	0	0	0	0		N.D.
1949-50	4.7	0.3	0	3.6	Dec 19	2.6
1950-51	0	0	0	0		N.D.
1951-52	362	34	0	343	Jan 16	148
1952-53	2	+	0	3.2	Dec 01	0.8
1953-54	78	13	0	64	Jan 25	82
1954-55	0.3	+	0	0.3		N.D.
1955-56	77	25	0	72	Jan 26	128
1956-57	1.9	0.1	0	0.1	Jan 13	1.1
1957-58	699	38	0	699	Apr 03	67
1958-59	5.6	0.8	0	5.4	Jan 06	9.2
1959-60	0	0	0	0		N.D.
1960-61	4.8	0.7	0	0	Nov 06	22
1961-62	186	29	0	111	Nov 20	366
1962-63	13	5.8	0	5.4	Feb 09	23
1963-64	4.8	0.8	0	0	Mar 22	6.2
1964-65	20	6.8	0	15	Apr 09	58
1965-66	243	23	0	241	Nov 22	116
1966-67	699	112	+	672	Dec 06	360
1967-68	131	6.0	0	130	Mar 08	39

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Live Oak Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1968-69	2146	152	0	2115	Jan 25	403
1969-70	258	8.4	0	258	Feb 28	14
1970-71	243	7.2	0	243	Dec 21	16
1971-72	71	3.5	0	71	Dec 24	5
1972-73	291	34	0	290	Feb 11	52
1973-74	132	13	0	132	Jan 07	31
1974-75	71	2.0	0	61	Mar 06	14
1975-76	30	2.5	0	24	Mar 01	7.2
1976-77	32	2.0	0	33	Jan 03	13
1977-78	1517	70.9	0	1517	Mar 04	187
1978-79	655	18.1	0	655	Mar 27	43.4
1979-80	R.I.					N.D.
1980-81	240	3	0	237	Mar 02	4
1981-82	421	19	0	421	Mar 18	32
1982-83	1778	72	0	1780	Mar 01	144
1983-84	447	12	0	448	Dec 25	47
1984-85	162	3.6	0	162	Dec 19	5
1985-86	192	4.4	0	192	Feb 16	7
1986-87	37	0.8	0	37	Jan 04	10
1987-88	70	2.7	0	69	Jan 17	4
1988-89	96	6.0	0	93	Feb 04	11
1989-90	51	2	0	51	Feb 17	3
1990-91	205	22	0	204	Mar 01	44
1991-92	277	26	0	277	Feb 12	112
1992-93	1762	55	0	1759	Jan 07	68
1993-94	230	2.8	0	235	Mar 19	17
1994-95	820	32	0	820	Jan 10	86
1995-96	357	37	0	357	Feb 20	75
1996-97	R.I.					N.D.
1997-98	828	50	0	782	Feb 23	139

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Morris Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1937-38	339303	18590	0	337955	Mar 02	70300
1938-39	62367	890	0	75278	Dec 20	N.D.
1939-40	41367	439	1	51030	Mar 06	N.D.
1940-41	294818	4137	1	263819	Feb 20	4230
1941-42	21562	419	0.1	16504	Nov 07	N.D.
1942-43	251552	10380	0	247717	Jan 23	12660
1943-44	149889	2667	0	147194	May 25	5840
1944-45	49942	1291	0	47340	Mar 26	3590
1945-46	53467	987	0	62578	Apr 04	4880
1946-47	60442	3369	0	55718	Dec 28	9300
1947-48	14004	973	0	17392	Dec 12	2380
1948-49	5387	799	0	3777	Jun 02	N.D.
1949-50	1901	70	0	834	Dec 05	N.D.
1950-51	5066	180	0	3446	Apr 21	N.D.
1951-52	76910	3188	0	69966	Jan 16	5200
1952-53	47762	1003	0	52075	Nov 03	1280
1953-54	30334	1574	0	29069	Apr 10	3590
1954-55	1593	299	0	557	Apr 15	N.D.
1955-56	3994	491	0	816	Sep 19	N.D.
1956-57	9962	659	0	10574	Apr 12	667
1957-58	216335	2418	0	213390	Apr 05	2740
1958-59	10152	378	0	9665	Feb 16	444
1959-60	2688	359	0	994	Jul 09	N.D.
1960-61	6006	459	0	889	May 16	N.D.
1961-62	74783	1847	0	73031	Feb 15	2160
1962-63	1708	99	0	1957	Feb 09	N.D.
1963-64	1001	36	0	922	Jan 21	N.D.
1964-65	10093	1426	0	8908	Jun 05	1430
1965-66	200376	9263	0	193965	Dec 29	10330
1966-67	203232	3872	0	193246	Dec 06	5320
1967-68	35015	567	0	32902	May 06	675
1968-69	554905	19290	12	554687	Feb 25	29690
1969-70	68267	1558	0	66131	Mar 01	1800
1970-71	27828	496	0	31319	Dec 29	497
1971-72	21193	298	0	15445	Jan 05	302
1972-73	N.D.	840	0	114349	Feb 11	924

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Morris Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1973-74	27471	1054	0	30553	Jan 08	3410
1974-75	9838	313	0.2	7366	Nov 20	389
1975-76	2270	47	0.2	2110	Sep 30	125
1976-77						N.D.
1977-78						N.D.
1978-79						N.D.
1979-80						N.D.
1980-81						N.D.
1981-82						N.D.
1982-83						N.D.
1983-84						N.D.
1984-85						N.D.
1985-86						N.D.
1986-87						N.D.
1987-88						N.D.
1988-89						N.D.
1989-90						N.D.
1990-91						N.D.
1991-92						N.D.
1992-93						N.D.
1993-94						N.D.
1994-95	207136	3858	1.3	201716	Jan 10	N.D.
1995-96	41898	454	1.3	47242	Feb 20	N.D.
1996-97	38827	313	1.5	38822		N.D.
1997-98	213739	7805	0	229947	Feb 23	11892

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Pacoima Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1929-30	1110	N.D.	N.D.	965		N.D.
1930-31	1082	N.D.	N.D.	886		N.D.
1931-32	8741	N.D.	N.D.	8443		N.D.
1932-33	2160	101	0	2119		N.D.
1933-34	3454	N.D.	N.D.	3493	Jan 01	914
1934-35	5569	84	0	5556		N.D.
1935-36	3098	88	0	3094	Feb 12	248
1936-37	15737	356	0	14210	Feb 14	508
1937-38	25878	2360	0	26796	Mar 02	8320
1938-39	3525	86	0	3080	Dec 19	145
1939-40	3209	156	0	3133	Jan 08	928
1940-41	25785	536	0	25942	Mar 04	815
1941-42	1920	48	0.1	2032	Dec 29	85
1942-43	20698	1250	0.1	20407	Jan 23	2650
1943-44	15004	898	0.4	15167	Feb 22	1790
1944-45	4866	206	0.4	4911	Feb 02	494
1945-46	4600	332	0	2904	Mar 30	564
1946-47	4356	149	0	6029	Nov 20	282
1947-48	369	6.4	0.1	335	Apr 29	12
1948-49	723	10	0.1	740	Mar 05	17
1949-50	1063	19	0.1	1019	Feb 06	26
1950-51	142	1.3	0	69	Apr 29	2.4
1951-52	16794	681	0	4325	Jan 16	1290
1952-53	967	8.5	0	3500	Dec 01	32
1953-54	2952	107	0.1	2941	Jan 25	272
1954-55	748	18	0.1	737	Apr 30	25
1955-56	1466	90	0	1252	Jan 27	179
1956-57	573	9.8	0	773	Jan 13	14
1957-58	15818	714	0	15808	Apr 03	1180
1958-59	783	29	0	708	Jan 06	184
1959-60	131	0.9	0	271	Jan 11	2.2
1960-61	59	6.3	0	11	Nov 12	60
1961-62	6326	584	0.1	6279	Feb 11	811
1962-63	384	8.1	0.1	228	Feb 10	19
1963-64	529	8.3	0.1	722	Jan 22	56
1964-65	1313	70	0.1	1048	Apr 09	160

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Pacoima Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1965-66	15553	647	0	15214	Nov 22	2010
1966-67	23605	698	0.4	23600	Dec 06	1380
1967-68	3843	76	0	3833	Nov 21	107
1968-69	43398	2860	0	42998	Feb 25	4710
1969-70	2717	99	0.4	2308	Mar 01	276
1970-71	4806	118	0.5	4994	Nov 29	384
1971-72	1062	36	0.2	802	Dec 26	91
1972-73	7726	696	0.1	7383	Feb 11	1640
1973-74	4197	168	0.2	4154	Jan 08	532
1974-75	2279	48	0.1	2526	Mar 06	97
1975-76	1622	58	0.1	1614	Feb 09	102
1976-77	1424	43	0.3	507	Jan 03	213
1977-78	R.I.					N.D.
1978-79	R.I.					N.D.
1978-80	R.I.					N.D.
1980-81	2731	66	0	3440	Jan 29	167
1981-82	5979	226	.3	4867	Mar 17	590
1982-83	43336	2359	.5	44566	Mar 01	4671
1983-84	3521	88	.2	1386	Dec 25	153
1984-85	2853	79	0	3651	Dec 20	104
1985-86	7886	279	0	7015	Feb 15	N.D.
1986-87	638	7	0	224	Jan 04	9
1987-88	3522	52	.1	3441	Oct 23	93
1988-89	2398	40	0	2065	Feb 04	72
1989-90	784	27	0	817	Feb 17	59
1990-91	3520	127	0	3222	Mar 27	140
1991-92	N.D.	708	0	N.D.	Feb 10	1180
1992-93	40473	929	.1	39814	Jan 13	1186
1993-94	2465	27	0	3354	Feb 08	46
1994-95	23547	351	0	23710	Jan 10	1073
1995-96	7655	389	0	7710	Feb 21	532
1996-97	6497	163	1.2	5417		N.D.
1997-98	31461	1462	0.1	31467	Feb 23	3292

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Puddingstone Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1928-29	114	12	0	151		N.D.
1929-30	295	15	0	223		N.D.
1930-31	73	9.0	0	119		N.D.
1931-32	1547	162	0	1086		N.D.
1932-33	314	30	0	906		N.D.
1933-34	2669	596	0	1809		N.D.
1934-35	610	N.D.	N.D.	846	Jan 15	205
1935-36	703	54	0	969	Apr 10	590
1936-37	5732	303	0	2173	Feb 06	1480
1937-38	12221	2200	0	7544	Mar 02	5310
1938-39	1576	101	0	5305		N.D.
1939-40	646	54	0	2524	Jan 07	448
1940-41	12030	377	0	3308	Mar 04	1080
1941-42	475	30	0	4385	Dec 10	409
1942-43	10043	1130	0	4836	Jan 23	2300
1943-44	3408	525	0	3178	Feb 22	1030
1944-45	1615	139	0	2376	Nov 11	484
1945-46	1591	275	0	6009	Dec 23	929
1946-47	1414	96	0	788	Nov 13	445
1947-48	324	31	0	362	Dec 05	195
1948-49	336	21	0	201	Mar 13	240
1949-50	493	55	0	140	Feb 06	178
1950-51	182	15	0	145	Jan 29	162
1951-52	4,673	353	0	1857	Jan 16	952
1952-53	928	32	0	1140	Dec 01	358
1953-54	31282	244	0	31609	Jan 25	600
1954-55	26065	255	0	23287	Nov 11	338
1955-56	57309	458	0	50771	Jan 26	1360
1956-57	50583	216	0	53781	Jan 13	262
1957-58	6670	302	0	1976	Apr 03	690
1958-59	394	68	0	72	Jan 06	871
1959-60	837	80	0	40	Jan 12	148
1960-61	10900	198	0	9416	Nov 06	N.D.
1961-62	4463	173	0	33	Dec 02	963
1962-63	927	139	0	464	Feb 10	325
1963-64	594	43	0	0	Jan 22	242

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Puddingstone Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1964-65	2,675	153	0	7401	Apr 09	1770
1965-66	10456	444	0	3066	Nov 22	1590
1966-67	11508	1090	0	9988	Dec 06	2440
1967-68	15811	174	0	14275	Mar 08	760
1968-69	36802	2830	0	35754	Jan 25	4340
1969-70	1650	163	0.2	+	Mar 01	507
1970-71	1494	149	0.1	4094	Dec 18	365
1971-72	1007	186	+	+	Dec 24	538
1972-73	4038	341	0.1	+	Feb 11	604
1973-74	2409	310	0.1	1069	Jan 07	660
1974-75	1832	153	0	1832	Dec 04	769
1975-76	2644	180	0.1	0	Sep 10	493
1976-77	2655	138	0.1	197	Jan 03	812
1977-78	R.I					N.D.
1978-79	R.I					N.D.
1979-80	R.I					N.D.
1980-81	2115	154	0	515	Jan 29	1132
1981-82	4731	350	0	2598	Mar 18	810
1982-83	15956	764	0	15238	Mar 01	2570
1983-84	2791	192	0	2048	Dec 25	1159
1984-85	2688	143	0	873	Dec 18	236
1985-86	4888	241	0	3150	Mar 16	1058
1986-87	1989	291	0	1118	Jan 04	854
1987-88	4010	143	0	2373	Jan 17	422
1988-89	3539	117	0	2045	Feb 04	211
1989-90	2545	235	0	977	Feb 17	683
1990-91	4461	371	0	2932	Mar 01	1270
1991-92	6781	407	0	5333	Feb 12	959
1992-93	30324	909	0	28674	Jan 18	1992
1993-94	2884	78	0.1	1322	Feb 07	212
1994-95	11261	537	0.1	9927	Jan 10	1411
1995-96	4587	438	0	3275	Feb 20	1460
1996-97	5421	200	0	4382		N.D.
1997-98	15722	626	0.1	13941	Feb 23	1660

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Puddingstone Diversion

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1935-36	304	48	0	304	Apr 10	85
1936-37	5019	104	0	4646		N.D.
1937-38	11697	1640	0	11506	Mar 02	5760
1938-39	1288	28	0	1293	Jan 10	N.D.
1939-40	350	26	0	155	Jan 08	33
1940-41	7213	133	0	6776	Mar 14	155
1941-42	341	13	0	203	Dec 12	24
1942-43	8593	970	0	7939	Jan 23	2040
1943-44	3406	357	0	3010	Feb 22	724
1944-45	1719	64	0	1294	Feb 02	88
1945-46	970	159	0	773	Dec 23	234
1946-47	1400	55	0	1109	Dec 26	58
1947-48	0	0	0	0		N.D.
1948-49	0	0	0	0		N.D.
1949-50	0	0	0	0		N.D.
1950-51	0	0	0	0		N.D.
1951-52	3366	158	0	2910	Jan 16	201
1952-53	0	0	0	0		N.D.
1953-54	628	57	0	429	Feb 14	82
1954-55	0	0	0	0		N.D.
1955-56	196	34	0	128	Jan 26	93
1956-57	0	0	0	0		N.D.
1957-58	5938	227	0	5172	Apr 03	284
1958-59	89	14	0	49	Feb 18	18
1959-60	0	0	0	0		N.D.
1960-61	146	11	0	64	Nov 26	137
1961-62	3277	152	0	3106	Nov 20	2110
1962-63	827	95	0	515	Feb 09	640
1963-64	112	19	0	67	Jan 22	55
1964-65	873	69	0	538	Apr 09	239
1965-66	6471	320	0	5864	Nov 22	864
1966-67	13656	958	0	12140	Dec 06	2230
1967-68	2744	62	0	2180	Nov 30	125
1968-69	35110	2610	0	34200	Jan 25	5600
1969-70	4005	27	0	2788	Mar 04	62
1970-71	2181	35	0	1524	Dec 21	61

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Puddingstone Diversion

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1971-72	764	15	0	488	Dec 24	56
1972-73	3746	163	0	3321	Feb 11	219
1973-74	1660	75	0	1371	Jan 07	110
1974-75	969	15	0	786	Mar 06	46
1975-76	423	9.1	0	333	Mar 01	16
1976-77	844	29	0	578	Jan 03	57
1977-78	R.I.					N.D.
1978-79	R.I.					N.D.
1979-80	R.I.					N.D.
1980-81	2025	21	0	1877	Jan 29	44
1981-82	2856	122	0	2831	Mar 18	260
1982-83	18257	705	0	18272	Mar 01	1867
1983-84	3267	54	0	3259	Dec 25	84
1984-85	1353	37	0	1294	Dec 18	40
1985-86	1324	99	0	1201	Mar 16	104
1986-87	686	18	0	702	Jan 04	49
1987-88	927	38	0	823	Jan 17	214
1988-89	1060	76	0	927	Feb 04	111
1989-90	228	48	0	193	Feb 17	78
1990-91	2079	54	0	2024	Feb 28	195
1991-92	3289	163	0	3277	Feb 12	264
1992-93	25714	698	0	25686	Jan 18	757
1993-94	1475	14	0	1488	Feb 07	23
1994-95	11349	211	0	11349	Jan 10	252
1995-96	3045	71	0	3044	Feb 20	161
1996-97	2468	84	0	2440		N.D.
1997-98	13037	514	0	12996	Feb 24	652

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

San Dimas Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1928-29	N.D.	N.D.	0	N.D.		N.D.
1929-30	591	28	0	573		N.D.
1930-31	585	23	0	466		N.D.
1931-32	2502	162	0	2496		N.D.
1932-33	652	50	0	648		N.D.
1933-34	1351	229	0	1357	Jan 01	422
1934-35	1753	60	0	1682	Apr 08	145
1935-36	1094	35	0	1136	Feb 11	155
1936-37	6316	154	0	6126	Feb 06	296
1937-38	12492	1600	0.4	12494	Mar 02	4920
1938-39	2165	43	0.2	2024	Jan 05	80
1939-40	1532	60	0	1600	Jan 08	302
1940-41	9645	131	0.1	9240	Mar 04	235
1941-42	1603	16	0.2	1855	Dec 10	29
1942-43	9271	573	0.5	9095	Jan 23	1700
1943-44	5348	398	0.1	5423	Feb 22	785
1944-45	3747	97	0.9	3811	Nov 11	375
1945-46	2560	149	0.1	2368	Dec 23	519
1946-47	2705	100	0.1	2982	Nov 20	340
1947-48	720	10	0	706	Feb 05	15
1948-49	728	11	0.1	694	Jan 20	19
1949-50	734	25	0.1	750	Dec 18	65
1950-51	300	5.3	0.1	301	Apr 29	16
1951-52	4864	208	0.1	4593	Jan 16	453
1952-53	822	9.8	0.1	1092	Dec 01	25
1953-54	1514	97	0.1	1501	Jan 25	327
1954-55	561	11	0.1	526	Jan 18	27
1955-56	736	98	0.1	767	Jan 26	362
1956-57	452	12	0.1	433	Jan 13	41
1957-58	6786	299	0	6503	Apr 03	753
1958-59	931	37	0.1	1239	Feb 16	189
1959-60	408	6.7	0.1	455	Feb 08	11
1960-61	468	31	0.1	250	Nov 05	397
1961-62	3206	224	+	2664	Nov 20	2520
1962-63	1001	81	0.1	1108	Feb 09	440
1963-64	680	20	0.1	711	Jan 22	121

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

San Dimas Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1964-65	1118	53	0	1175	Apr 09	232
1965-66	6494	305	0.2	6326	Dec 29	1010
1966-67	12352	674	0	11598	Dec 06	1720
1967-68	3148	80	0.1	3058	Nov 19	414
1968-69	28645	1710	0.7	28808	Jan 25	3620
1969-70	4314	71	0.7	4736	Mar 01	114
1970-71	2465	70	0.5	2125	Nov 29	127
1971-72	1040	33	0.2	1217	Dec 24	77
1972-73	4252	346	0.7	4000	Feb 11	685
1973-74	2447	121	0.3	2389	Jan 07	185
1974-75	1487	28	0.1	1566	Mar 06	67
1975-76	1002	52	0.1	926	Sep 10	443
1976-77	1094	41	0	1146	Jan 03	260
1977-78	R.I.					
1978-79	R.I.					
1979-80	19951	673	2.3	18715	Feb 16	2549
1980-81	3016	37	.8	3216	Jan 29	147
1981-82	3848	161	.2	3700	Mar 17	295
1982-83	17632	527	0	17381	Mar 01	1559
1983-84	3816	55	0	4330	Dec 25	115
1984-85	2554	45	.6	2560	Dec 19	67
1985-86	2401	55	0	2415	Mar 16	89
1986-87	N.D.	10	.1	N.D.	Jan 05	13
1987-88	1821	54	0	1216	Jan 17	157
1988-89	1122	35	0	1225	Feb 04	96
1989-90	731	28	0	462	Feb 17	93
1990-91	1967	112	0	2361	Mar 27	236
1991-92	4037	143	0	3938	Feb 12	403
1992-93	24941	651	0	24446	Jan 14	945
1993-94	2295	17	.2	2424	Feb 07	31
1994-95	10102	177	.8	9801	Jan 10	363
1995-96	4036	149	.2	4097	Feb 20	418
1996-97	13175	81	0	2988		N.D.
1997-98	12122	396	0.3	11948	Feb 23	1194

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

San Gabriel Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1937-38	339155	30720	37	332893	Mar 02	89320
1938-39	67231	1330	23	61655	Dec 19	2780
1939-40	58554	757	18	63386	Jan 08	2270
1940-41	306801	3940	20	305515	Feb 20	5780
1941-42	50285	297	20	49759	Dec 29	468
1942-43	271286	17180	20	267085	Jan 23	46000
1943-44	184923	5710	43	184622	Feb 22	9860
1944-45	91961	1300	28	90131	Nov 11	6440
1945-46	99531	2980	28	89502	Dec 21	5760
1946-47	107688	3340	18	104088	Dec 26	6520
1947-48	29259	257	9.9	37794	Apr 29	506
1948-49	24728	94	11	21546	Jan 20	120
1949-50	27797	266	9.5	27736	Dec 19	448
1950-51	10169	54	3	13002	Jan 11	174
1951-52	159048	3340	3.9	118918	Jan 16	6130
1952-53	41270	375	7.5	77961	Dec 01	544
1953-54	60515	1280	8.3	56517	Jan 25	2940
1954-55	39159	171	18	37304	Apr 30	313
1955-56	35215	950	14	38127	Jan 26	2250
1956-57	37210	1090	15	35069	Jan 13	2850
1957-58	230745	4270	21	229610	Apr 03	6900
1958-59	43762	1030	14	43100	Jan 06	3080
1959-60	19474	112	5	19258	Apr 28	168
1960-61	12041	122	2.2	12698	Nov 05	634
1961-62	116890	6350	3.4	112380	Feb 11	13960
1962-63	25930	512	6.2	24587	Feb 09	2440
1963-64	24009	287	5.2	22601	Apr 01	504
1964-65	36281	396	5.5	34427	Apr 09	1070
1965-66	220689	9030	12	217503	Dec 29	27180
1966-67	224903	6700	30	224538	Dec 06	12420
1967-68	66761	697	26	68771	Nov 19	1620
1968-69	527883	28020	24	524874	Jan 25	44400
1969-70	66842	1250	26	66688	Feb 28	2550
1970-71	60375	2120	29	55358	Nov 29	6400
1971-72	34908	975	14	38192	Dec 25	1390
1972-73	124722	5075	14.1	124333	Feb 11	17430

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

San Gabriel Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1973-74	72959	1140	32	67194	Jan 07	1820
1974-75	47681	423	27	46194	Mar 06	880
1975-76	38598	978	18	33781	Sep 11	1630
1976-77	36322	407	15	34846	Jan 03	1137
1977-78	486296	13437	14.9	483712	Mar 04	31730
1978-79	158043	1647	42.9	163511	Mar 28	1965
1979-80	346155	11476	42.5	344454	Feb 16	24540
1980-81	42882	281	15	40116	Jan 29	784
1981-82	95225	1591	19	79833	Mar 17	2869
1982-83	404332	14585	33	402734	Mar 01	17080
1983-84	61069	983	13	75284	Dec 25	1568
1984-85	46633	617	8.5	46101	Dec 19	742
1985-86	103558	1252	14	100926	Jan 30	1911
1986-87	22847	149	3	22919	Jan 05	259
1987-88	66101	574	3.8	49337	Feb 01	814
1988-89	33435	273	4	47683	Dec 16	496
1989-90	18979	248	2.3	17008	Feb 18	388
1990-91	61479	1575	3.3	39454	Mar 01	4294
1991-92	171617	5796	0	193158	Feb 12	11426
1992-93	445072	10181	0	429615	Feb 19	12934
1993-94	44269	312	.6	50441	Feb 08	433
1994-95	248268	3811	12.8	242886	Jan 10	6996
1995-96	72722	2995	2	70533	Feb 21	3822
1996-97	66304	947	5.2	64946		N.D.
1997-98	275500	9169	8.2	237419	Feb 23	22512

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Santa Anita Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1926-27	1208	13	0.4	1030		N.D.
1927-28	1009	22	0.1	1162		N.D.
1928-29	1214	30	0	1256		N.D.
1929-30	1276	25	0.1	964		N.D.
1930-31	989	34	0	1155		N.D.
1931-32	4010	236	0.1	3883		N.D.
1932-33	2190	152	0	2022	Jan 19	390
1933-34	2603	322	0	2622	Jan 01	800
1934-35	3693	92	0.1	3585	Apr 08	449
1935-36	2480	84	0	2535	Feb 12	228
1936-37	8798	192	0	8616	Feb 06	313
1937-38	16594	1780	1.3	16689	Mar 02	5140
1938-39	2726	74	0.4	2461	Dec 19	159
1939-40	2743	62	0.4	2664	Jan 08	378
1940-41	15225	239	0.4	15235	Mar 04	300
1941-42	2070	25	0.6	2140	Dec 29	53
1942-43	19371	1110	0.6	19440	Jan 23	3100
1943-44	7463	514	1.3	7294	Feb 22	813
1944-45	4147	101	1.1	4133	Nov 11	303
1945-46	3426	164	0.8	3360	Dec 23	492
1946-47	4489	122	0.7	4462	Nov 20	382
1947-48	1075	14	0.3	1243	Apr 28	41
1948-49	1031	17	0.2	983	Jan 20	32
1949-50	1357	30	0.2	1311	Dec 18	115
1950-51	460	4.5	0.1	497	Jan 11	10
1951-52	8408	351	0.1	8292	Jan 16	837
1952-53	1562	20	0.5	1729	Dec 01	153
1953-54	3302	201	0.4	3412	Jan 24	1240
1954-55	1432	18	0.3	1437	Nov 11	173
1955-56	2218	175	0.3	2196	Jan 26	569
1956-57	1535	36	0.5	1431	Feb 23	122
1957-58	11696	298	0.7	11715	Apr 03	618
1958-59	2183	66	0.6	2033	Jan 06	622
1959-60	954	6.5	0.1	1152	Feb 01	16
1960-61	527	12	0.1	407	Jan 26	65
1961-62	6328	682	0.1	6242	Feb 11	1460

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Santa Anita Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1962-63	1628	56	0.7	1848	Feb 09	368
1963-64	1219	32	+	1144	Apr 01	53
1964-65	2039	50	0	1988	Apr 09	130
1965-66	13102	600	0.4	12933	Dec 29	1920
1966-67	16245	645	1.5	16261	Dec 06	1520
1967-68	3376	56	0.1	3579	Nov 19	165
1968-69	38734	2292	0.3	38369	Jan 25	5500
1969-70	2859	85	1	2859	Feb 28	208
1970-71	3211	184	1	3075	Nov 29	674
1971-72	1316	36	0.5	1249	Dec 24	99
1972-73	6414	482	0.4	6258	Feb 11	1350
1973-74	4660	174	1.2	4546	Jan 07	280
1974-75	2347	36	0.1	2647	Mar 06	54
1975-76	1580	52	0.2	1469	Mar 01	101
1976-77	1320	35	1	1206	Jan 03	200
1977-78	R.I.					
1978-79	R.I.					
1979-80	R.I.					
1980-81	2221	27	0.6	2210	Jan 29	147
1981-82	3714	127	0.6	3652	Mar 17	213
1982-83	21246	882	0	21325	Mar 02	1197
1983-84	3603	57	0.3	3586	Dec 25	142
1984-85	2363	48	0	2272	Dec 19	102
1985-86	4735	77	0.4	4612	Jan 30	89
1986-87	1041	7.6	0	1174	Jan 05	11
1987-88	2490	37	0.1	2488	Jan 17	87
1988-89	1729	52	0	1599	Feb 04	119
1989-90	737	30	0	740	Feb 17	117
1990-91	2393	92	0	2323	Mar 01	417
1991-92	9339	390	0.2	9292	Feb 11	863
1992-93	23546	558	0.2	23581	Jan 07	909
1993-94	1475	15	0	1565	Mar 24	19
1994-95	12439	242	0.1	12281	Jan 10	587
1995-96	4494	274	0.1	4535	Feb 21	481
1996-97	4970	93	0.1	4934		N.D.
1997-98	13694	787	0	13655	Feb 23	2449

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Sawpit Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1927-28	26	N.D.	0	39		N.D.
1928-29	96	5.3	0	108		N.D.
1929-30	219	7.9	0	208		N.D.
1930-31	97	3.9	0	68		N.D.
1931-32	710	56	0	726	Feb 09	76
1932-33	184	8.6	0	185		N.D.
1933-34	468	106	0	457	Jan 01	240
1934-35	548	36	0	540	Apr 08	168
1935-36	574	22	0	574	Feb 11	72
1936-37	1434	36	0	1401		N.D.
1937-38	2909	384	0	2868	Mar 02	1070
1938-39	232	17	0	170		N.D.
1939-40	264	11	0	308	Jan 08	39
1940-41	2180	63	0	2195	Mar 04	109
1941-42	107	3.7	0	39	Dec 29	4.8
1942-43	2966	162	0	2950	Jan 23	520
1943-44	747	73	0	743	Feb 22	138
1944-45	316	16	0	319	Nov 11	59
1945-46	254	24	0	250	Dec 23	85
1946-47	362	23	0	361	Nov 20	77
1947-48	23	0.3	0	5.1	Apr 28	2.9
1948-49	42	0.4	0	32	Mar 10	0.9
1949-50	86	2.1	0	77	Dec 18	7.9
1950-51	32	0.8	0	32	Jan 11	2.4
1951-52	1112	60	0	1092	Jan 16	226
1952-53	88	3.2	0	82	Dec 01	34
1953-54	274	14	0	263	Jan 24	105
1954-55	142	4.3	0	139	Nov 11	73
1955-56	204	37	+	210	Jan 26	48
1956-57	80	0.8	0	65	Feb 23	8.1
1957-58	1371	46	0	1368	Apr 03	112
1958-59	815	36	.1	804	Jan 06	1600
1959-60	201	4.8	+	163	Apr 27	70
1960-61	111	1.7	0	144	Nov 05	12
1961-62	1269	122	.1	1236	Feb 11	282
1962-63	256	12	.1	256	Feb 09	77
1963-64	271	3.7	0	294	Jan 21	10
1964-65	405	9.7	.1	355	Apr 09	27
1965-66	2224	87	0	2218	Dec 29	423
1966-67	3985	157	1.1	3980	Dec 06	307
1967-68	1510	12	.8	1510	Nov 19	32
1968-69	7555	635	.9	9498	Jan 25	1060
1969-70	1496	36	.5	1407	Feb 28	187
1970-71	733	21	.4	733	Nov 29	70
1971-72	521	5.6	.3	521	Dec 24	16

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Sawpit Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1972-73	1449	94	.3	1538	Feb 11	350
1973-74	1350	57	.1	1270	Jan 07	109
1974-75	921	5.9	.5	921	Mar 06	15
1975-76	646	6.4	.1	646	Mar 01	22
1976-77	603	7.2	1	603	Oct 22	74
1977-78	4642	116.1	1.2	4716	Feb 10	250
1978-79	2139	10	1.3	2070	Mar 27	19.4
1979-80	5285	131.2	1.2	5296	Feb 16	404
1980-81	1045	7.2	.4	1045	Jan 29	30
1981-82	1244	39	0	1307	Mar 17	48
1982-83	4587	142	0	4490	Mar 02	300
1983-84	1268	9.3	0	1268	Dec 25	26
1984-85	929	6.7	.5	928	Dec 19	25
1985-86	1204	10	0	1203	Mar 16	16
1986-87	N.D.	4.2	0	N.D.	Jan 06	N.D.
1987-88	975	7.3	0	975	Mar 01	N.D.
1988-89	751	6.7	0	751	Dec 16	11
1989-90	534	6.3	0	527	Feb 17	16
1990-91	1113	34	0	1113	Mar 01	77
1991-92	1910	41	.4	1910	Feb 12	123
1992-93	5564	67	.4	5563	Jan 07	202
1993-94	1555	4.1	.5	1555	Feb 08	6.8
1994-95	35373	77	.5	3572	Jan 10	136
1995-96	2381	38	1.4	2382	Feb 21	49
1996-97	1952	11	1.5	1952		N.D.
1997-98	3045	137	1.7	3045	Feb 23	332

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Thompson Creek Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1931-32	81	12	0	81	Feb 09	91
1932-33	0	0	0	0		N.D.
1933-34	N.D.	N.D.	N.D.	0		N.D.
1934-35	1	N.D.	N.D.	0		N.D.
1935-36	0.5	N.D.	N.D.	0		N.D.
1936-37	274	24	0	0		N.D.
1937-38	1099	259	0	1096	Mar 02	580
1938-39	21	0.6	0	0	Jan 30	1.1
1939-40	49	4.5	0	0	Jan 07	26
1940-41	640	46	0	2.8	Mar 04	97
1941-42	0.3	+	0	0	Dec 10	0.5
1942-43	767	121	0	334	Jan 23	270
1943-44	286	56	0	0	Feb 22	111
1944-45	149	18	0	0	Nov 12	132
1945-46	148	25	0	0	Dec 23	120
1946-47	88	16	0	0	Nov 20	47
1947-48	0	0	0	0		N.D.
1948-49	0	0	0	0		N.D.
1949-50	6.2	2	0	0	Dec 19	4.5
1950-51	0	0	0	0		N.D.
1951-52	314	30	0	34	Jan 16	70
1952-53	12	1.3	0	0	Dec 01	8.2
1953-54	194	19	0	0	Jan 25	172
1954-55	4.4	1	0	0	Jan 18	1.4
1955-56	58	25	0	0	Jan 26	117
1956-57	4.4	2	0	0	Jan 13	5.8
1957-58	389	34	0	219	Apr 03	67
1958-59	5.6	1	0	0	Feb 16	4.7
1959-60	2	0.3	0	0	Apr 28	5.4
1960-61	5.2	1	0	0	Nov 12	3.9
1961-62	101	9.3	0	0	Nov 20	190
1962-63	88	26	0	17	Feb 09	145
1963-64	23	4.2	0	0	Mar 22	20
1964-65	26	9.9	0	0	Apr 09	55
1965-66	258	34	0	0	Nov 23	140
1966-67	842	200	0	305	Dec 06	408

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

RESERVOIRS – YEARLY RESERVOIR OPERATION SUMMARY

Thompson Creek Dam

Season	Inflow Annual (AF)	Inflow		Outflow Annual (AF)	Peak Inflow	
		Max-Day (CFS)	Min-Day (CFS)		Date	Q (CFS)
1967-68	167	6.8	0	0	Nov 19	18
1968-69	2556	279	0	2061	Jan 25	574
1969-70	54	4.8	0	1.6	Mar 01	13
1970-71	32	5.5	0	0	Dec 21	12
1971-72	6	1.3	0	0	Dec 27	3
1972-73	161	34	0	7.5	Feb 11	58
1973-74	37	10	0	37	Jan 07	29
1974-75	0	0	0	0		N.D.
1975-76	15	3.5	0	0	Feb 01	3.5
1976-77	37	6.8	0	0		N.D.
1977-78	R.I.					N.D.
1978-79	R.I.					N.D.
1979-80	R.I.					N.D.
1980-81	0	0	0	0		N.D.
1981-82	62	9.4	0	18	Mar 17	40
1982-83	1118	114	0	583	Mar 01	377
1983-84	70	2.7	0	11	Dec 26	4
1984-85	0	0	0	0		N.D.
1985-86	58	9.7	0	58	Mar 16	27
1986-87	0	0	0	0		N.D.
1987-88	2	.3	0	2.1	Jan 17	.9
1988-89	2.1	.3	0	2	Feb 04	.5
1989-90	5.6	.5	0	5.6	Feb 17	.8
1990-91	76	17	0	34	Mar 27	20
1991-92	190	16	0	190	Mar 23	20
1992-93	1267	57	0	1202	Jan 18	166
1993-94	.4	.1	0	.4	Mar 19	1.2
1994-95	330	35	0	330	Jan 10	82
1995-96	392	31	0	392	Feb 20	73
1996-97	48	11	0	48		N.D.
1997-98	526	98	0	525	Feb 23	299

N.D. Not determined

R.I. Records incomplete

+ Less than 0.05 Acre Feet or less than 0.05 CFS, but greater than 0

APPENDIX E

HYDROLOGIC REPORT 1997 – 1998

WATER CONSERVATION – SUMMARY – DPW FACILITIES

WATER CONSERVATION – SUMMARY – DPW FACILITIES

BEN LOMOND

	Type	SHALLOW
	Season First Used	1958-59
Area	Gross	24 ACRES
	Wetted	17 ACRES
Capacities	Channel**	9,000 CFS
	Intakes	400 CFS
	Storage	168 AF
	Percolation*	30 CFS
	Location	BOTH NORTH AND SOUTH SIDES OF SAN DIMAS WASH CHANNEL AT SOUTHWESTERLY CORNER OF INTERSECTION OF ARROW HIGHWAY AND BARRANCA AVENUE.
	Source of Water	COVINA IRRIGATING COMPANY, UNCONTROLLED RUNOFF, IMPORTED.
	Remarks	SPREADING GROUNDS UTILIZED TO CONSERVE EXCESS COVINA IRRIGATION COMPANY WATER RELEASED FROM THE COMMITTEE OF NINE.
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

BIG DALTON

	Type	SHALLOW
	Season First Used	1930-31
Area	Gross	24 ACRES
	Wetted	8 ACRES
Capacities	Channel**	5,000 CFS
	Intakes	45 CFS
	Storage	12 AF
	Percolation*	12 CFS
	Location	WESTERLY SIDE OF BIG DALTON WASH, ONE HALF MILE ABOVE SIERRA MADRE AVENUE.
	Source of Water	CONTROLLED FLOWS FROM BIG DALTON DAM AND BIG DALTON DEBRIS BASIN.
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

BRANFORD

	Type	DEEP
	Season First Used	1956-57
Area	Gross	12 ACRES
	Wetted	7 ACRES
Capacities	Channel**	1,540 CFS
	Intakes	1,540 CFS
	Storage	137 AF
	Percolation*	1 CFS
	Location	SOUTHWESTERLY OF ARLETA AVENUE ABOVE CONFLUENCE OF TUJUNGA WASH AND PACOIMA DIVERSION CHANNEL.
	Source of Water	UNCONTROLLED FLOWS FROM BRANFORD STREET DRAIN.
	Remarks	INSTREAM SPREADING FACILITY. OUTLET CAPACITY 1,540 CFS TO PACOIMA DIVERSION CHANNEL.
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

WATER CONSERVATION – SUMMARY – DPW FACILITIES

BUENA VISTA

	Type	DEEP
	Season First Used	1954-55
Area	Gross	10 ACRES
	Wetted	6 ACRES
Capacities	Channel**	2,900 CFS
	Intakes	2,900 CFS
	Storage	177 AF
	Percolation*	6 CFS
	Location	1.0 MILE EASTERLY OF SAWPIT WASH. 0.5 MILE NORTHERLY OF ARROW HIGHWAY, BETWEEN MERIDIAN STREET AND BUENA VISTA CHANNEL.
	Source of Water	CONTROLLED FLOW FROM SANTA FE DAM AND UNCONTROLLED FLOW FROM BUENA VISTA CHANNEL.
	Remarks	INSTREAM SPREADING FACILITY. TOTAL OUTLET CAPACITY OF 270 CFS. * THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES. ** DESIGN CAPACITY OF MAIN CHANNEL.

CITRUS

	Type	SHALLOW
	Season First Used	1960-61
Area	Gross	19 ACRES
	Wetted	15 ACRES
Capacities	Channel**	11,000 CFS
	Intakes	245 CFS
	Storage	80 AF
	Percolation*	28 CFS
	Location	SOUTH SIDE OF BIG DALTON WASH BETWEEN CITRUS AND CERRITOS AVENUES.
	Source of Water	CONTROLLED FLOWS FROM BIG DALTON DAM AND LITTLE DALTON DEBRIS DAMS. UNCONTROLLED FLOWS FROM BIG DALTON WASH.
	Remarks	THERE ARE 2 INTAKES, ONE IS A DROP INLET, THE OTHER AN AIR INFLATED RUBBER DAM. * THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES. ** DESIGN CAPACITY OF MAIN CHANNEL.

DOMINGUEZ GAP

	Type	DEEP
	Season First Used	1957-58
Area	Gross	54 ACRES
	Wetted	24 ACRES
Capacities	Channel**	146,000 CFS
	Intakes	20 CFS
	Storage	234 AF
	Percolation*	1 CFS
	Location	SOUTH OF DEL AMO BOULEVARD AND BORDERS THE EASTERN AND WESTERN SIDES OF THE LOS ANGELES RIVER
	Source of Water	CONTROLLED FLOW FROM LOS ANGELES RIVER LOW FLOW CHANNEL AND UNCONTROLLED FLOWS FROM STORM DRAINS.
	Remarks	EAST SIDE BASIN USED FOR FLOOD REGULATION WITH SOME CONSERVATION STORAGE. INTAKE CAPACITY IS 20 CFS FOR LOW FLOW DIVERSION FROM THE LOS ANGELES RIVER. THE WEST SIDE BASIN IS FED BY A 24-INCH CONCRETE PIPE FROM THE EAST SIDE BASIN. * THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES. ** DESIGN CAPACITY OF MAIN CHANNEL.

WATER CONSERVATION – SUMMARY – DPW FACILITIES

EATON BASIN

	Type	DEEP
	Season First Used	1956-57
Area	Gross	16 ACRES
	Wetted	10 ACRES
Capacities	Channel**	9,500 CFS
	Intakes	400 CFS
	Storage	284 AF
	Percolation*	10 CFS
	Location	EAST SIDE OF EATON WASH, NORTH OF DUARTE ROAD, 0.6 MILES SOUTH OF HUNTINGTON DRIVE.
	Source of Water	CONTROLLED FLOW FROM EATON WASH DAM AND UNCONTROLLED FLOWS BETWEEN DAM AND SPREADING BASIN.
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

EATON WASH

	Type	DEEP & SHALLOW
	Season First Used	1947-48
Area	Gross	28 ACRES
	Wetted	25 ACRES
Capacities	Channel**	6,600 CFS
	Intakes	200 CFS
	Storage	525 AF
	Percolation*	14 CFS
	Location	EASTERLY SIDE OF EATON WASH FROM BELOW EATON DAM TO FOOTHILL BOULEVARD.
	Source of Water	CONTROLLED FLOW FROM EATON WASH DAM. IMPORTED WATER CAN BE SPREAD IN STRIP BASINS.
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

FORBES

	Type	SHALLOW
	Season First Used	1964-65
Area	Gross	21 ACRES
	Wetted	10 ACRES
Capacities	Channel**	9,000 CFS
	Intakes	100 CFS
	Storage	87 AF
	Percolation*	5 CFS
	Location	SOUTH SIDE OF SAN DIMAS WASH BETWEEN LONE HILL AVENUE AND VALLEY CENTER AVENUE.
	Source of Water	CONTROLLED RELEASES FROM PUDDINGSTONE DIVERSION DAM, AND UNCONTROLLED FLOWS FROM SAN DIMAS WASH; ALSO IMPORTED .
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

WATER CONSERVATION – SUMMARY – DPW FACILITIES

HANSEN

	Type	SHALLOW
	Season First Used	1944-45
Area	Gross	156 ACRES
	Wetted	105 ACRES
Capacities	Channel**	22,000 CFS
	Intakes	400 CFS
	Storage	279 AF
	Percolation*	150 CFS
	Location	NORTHWESTERLY SIDE OF TUJUNGA WASH FROM ABOVE GLENOAKS BOULEVARD SOUTHWESTERLY TO SAN FERNANDO ROAD.
	Source of Water	CONTROLLED FLOWS FROM HANSEN DAM AND BIG TUJUNGA DAM.
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

IRWINDALE/MANNING PIT

	Type	DEEP
	Season First Used	1958-59
Area	Gross	62 ACRES
	Wetted	30 ACRES
Capacities	Channel**	25,500 CFS
	Intakes	400 CFS
	Storage	1,134 AF
	Percolation*	60 CFS
	Location	NORTHEASTERLY OF INTERSECTION OF BIG DALTON CHANNEL AND IRWINDALE AVENUE; CONTINUES 1,300 FEET EAST OF IRWINDALE VENUE
	Source of Water	BIG DALTON CHANNEL CONTROLLED FLOWS FROM BIG AND LITTLE DALTON DEBRIS DAMS AND PUDDINGSTONE DIVERSION DAM; UNCONTROLLED FLOWS; ALSO IMPORTED RELEASES .
	Remarks	IRWINDALE CLEANED OUT SUMMER OF 1996.
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

LITTLE DALTON

	Type	SHALLOW
	Season First Used	1931-32
Area	Gross	14 ACRES
	Wetted	5 ACRES
Capacities	Channel**	8,600 CFS
	Intakes	20 CFS
	Storage	5 AF
	Percolation*	15 CFS
	Location	WESTERLY OF GLENDORA MT. ROAD FROM LITTLE DALTON DEBRIS BASIN SOUTH TO EAST PALM DRIVE.
	Source of Water	CONTROLLED FLOW FROM LITTLE DALTON DEBRIS BASIN AND IMPORTED WATER. (IMPORTED WATER DELIVERY COMMENCED IN OCTOBER 1995).
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

WATER CONSERVATION – SUMMARY – DPW FACILITIES

LIVE OAK

	Type	SHALLOW
	Season First Used	1961-62
Area	Gross	5 ACRES
	Wetted	2 ACRES
Capacities	Channel**	2,600 CFS
	Intakes	15 CFS
	Storage	2 AF
	Percolation*	13 CFS
	Location	WESTERLY SIDE OF LIVE OAK WASH. NORTH OF BASE LINE ROAD (PROJECTED).
	Source of Water	CONTROLLED FLOW FROM LIVE OAK DAM AND LIVE OAK DEBRIS BASIN
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

LOPEZ

	Type	SHALLOW
	Season First Used	1956-57
Area	Gross	18 ACRES
	Wetted	12 ACRES
Capacities	Channel**	11,000 CFS
	Intakes	25 CFS
	Storage	24 AF
	Percolation*	15 CFS
	Location	SOUTHEASTERLY SIDE OF PACOIMA WASH, NORTHEASTERLY OF FOOTHILL BOULEVARD.
	Source of Water	CONTROLLED FLOW FROM PACOIMA DAM AND LOPEZ FLOOD CONTROL BASIN
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

PACOIMA

	Type	SHALLOW
	Season First Used	1932-33
Area	Gross	169 ACRES
	Wetted	107 ACRES
Capacities	Channel**	17,000 CFS
	Intakes	600 CFS
	Storage	440 AF
	Percolation*	65 CFS
	Location	BOTH SIDES OF OLD PACOIMA WASH CHANNEL FROM ARLETA AVENUE SOUTHWESTERLY TO WOODMAN AVENUE.
	Source of Water	CONTROLLED FLOW FROM PACOIMA DAM. PARTIALLY CONTROLLED FLOW FROM LOPEZ FLOOD CONTROL BASIN, UNCONTROLLED FLOW FROM EAST CANYON AND PACOIMA WASH AND IMPORTED WATER.
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

WATER CONSERVATION – SUMMARY – DPW FACILITIES

PECK ROAD

	Type	DEEP
	Season First Used	1959-60
Area	Gross	157 ACRES
	Wetted	105 ACRES
Capacities	Channel**	30,100 CFS
	Intakes	30,100 CFS
	Storage	3,347 AF
	Percolation*	25 CFS
Location	CONFLUENCE OF SAWPIT AND SANTA ANITA WASHES.	
Source of Water	CONTROLLED RELEASES FROM SANTA ANITA AND SAWPIT DEBRIS BASINS AND UNCONTROLLED FLOWS FROM LOCAL RUNOFF VIA SAWPIT AND SANTA ANITA WASHES.	
Remarks	INSTREAM SPREADING FACILITY.	
	*	THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
	**	DESIGN CAPACITY OF MAIN CHANNEL.

RIO HONDO COASTAL

	Type	SHALLOW
	Season First Used	1937-38
Area	Gross	570 ACRES
	Wetted	430 ACRES
Capacities	Channel**	40,000 CFS
	Intakes	1,950 CFS
	Storage	3,694 AF
	Percolation*	400 CFS
Location	EASTERLY SIDE OF RIO HONDO SOUTHERLY FROM S. P. R. R. (SOUTH OF WHITTIER BLVD.) TO SLAUSON AVENUE; WEST SIDE OF RIO HONDO CHANNEL FROM 0.2 MILE ABOVE WHITTIER BOULEVARD SOUTH TO FOSTER BRIDGE BOULEVARD.	
Source of Water	CONTROLLED RELEASES FROM SAN GABRIEL CANYON DAMS, SANTA FE AND WHITTIER NARROWS DAMS. UNCONTROLLED RUNOFF VIA SAN GABRIEL RIVER, RIO HONDO CHANNEL AND THEIR TRIBUTARIES; ALSO IMPORTED AND RECLAIMED WATER.	
Remarks	IN COOPERATION WITH THE CORPS OF ENGINEERS. THE DISTRICT OPERATES 1,200 ACRE-FOOT POOL AT WHITTIER NARROWS DAM FOR RETENTION OF STORM WATER.	
	*	THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
	**	DESIGN CAPACITY OF MAIN CHANNEL.

S.G. RIVER (MONTEBELLO FOREBAY)

	Type	SHALLOW
	Season First Used	1954-55
Area	Gross	308 ACRES
	Wetted	308 ACRES
Capacities	Channel**	20,000 CFS
	Intakes	In river Percolation
	Storage	913 AF
	Percolation*	75 CFS
Location	HEADWORKS TO FIRESTONE AVE. ONLY. STORAGE BEHIND THE SEVEN RUBBER DAMS INSTALLED ON DROP STRUCTURE.	
Source of Water	SAME AS SAN GABRIEL COASTAL.	
Remarks		
	*	THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
	**	DESIGN CAPACITY OF MAIN CHANNEL.

WATER CONSERVATION – SUMMARY – DPW FACILITIES

S.G. RIVER (SAN GABRIEL VALLEY)

	Type	
	Season First Used	1965-66
Area	Gross	196 ACRES
	Wetted	196 ACRES
Capacities	Channel**	41,000-98,000 CFS
	Intakes	In river Percolation
	Storage	0 AF
	Percolation*	180 CFS
	Location	SAN GABRIEL RIVER FROM SANTA FE DAM TO WHITTIER NARROWS DAM.
	Source of Water	CONTROLLED FLOW FROM DAMS IN SAN GABRIEL CANYON, SANTA FE DAM AND UNCONTROLLED VALLEY RUNOFF BELOW SANTA FE DAM; ALSO IMPORTED WATER.
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

SAN DIMAS CANYON

	Type	SHALLOW
	Season First Used	1965-66
Area	Gross	22 ACRES
	Wetted	11 ACRES
Capacities	Channel**	7,000 CFS
	Intakes	25 CFS
	Storage	22 AF
	Percolation*	12 CFS
	Location	SOUTHEAST SIDE OF SAN DIMAS WASH BETWEEN PUDDINGSTONE DIVERSION AND SAN DIMAS CANYON ROAD.
	Source of Water	CONTROLLED RELEASES FROM PUDDINGSTONE DIVERSION DAM; UNCONTROLLED FLOW FROM LOCAL STORM RUNOFF.
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

SAN GABRIEL CANYON

	Type	DEEP
	Season First Used	1917
Area	Gross	165 ACRES
	Wetted	140 ACRES
Capacities	Channel**	98,000 CFS
	Intakes	150 CFS
	Storage	8,170 AF
	Percolation*	50 CFS
	Location	EASTERLY SIDE OF SAN GABRIEL RIVER. BELOW MOUTH OF SAN GABRIEL CANYON. NORTH OF THE CITY OF AZUSA.
	Source of Water	SAN GABRIEL RIVER CONTROLLED RELEASES FROM COGSWELL DAM, SAN GABRIEL DAM, AND MORRIS DAM. COMMITTEE OF NINE SURPLUS FLOWS AND IMPORTED WATER.
	Remarks	THERE ARE 2 INTAKES TO THIS FACILITY, ONE IS FED FROM SURPLUS 'COMMITTEE OF NINE' FLOWS, THE OTHER IS FROM THE RIVER INTO BASIN NO. 2.
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

WATER CONSERVATION – SUMMARY – DPW FACILITIES

SAN GABRIEL COASTAL

	Type	SHALLOW
	Season First Used	1938-39
Area	Gross	128 ACRES
	Wetted	96 ACRES
Capacities	Channel**	20,000 CFS
	Intakes	350 CFS
	Storage	550 AF
	Percolation*	75 CFS
	Location	WESTERLY SIDE OF SAN GABRIEL RIVER, SOUTHERLY FROM WHITTIER BOULEVARD TO WASHINGTON BOULEVARD.
	Source of Water	CONTROLLED RELEASES FROM SAN GABRIEL CANYON DAMS, SANTA FE AND WHITTIER NARROWS DAMS. ALSO IMPORTED AND RECLAIMED WATER.
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

SANTA ANITA

	Type	SHALLOW
	Season First Used	1944-45
Area	Gross	20 ACRES
	Wetted	8 ACRES
Capacities	Channel**	12,000 CFS
	Intakes	20 CFS
	Storage	25 AF
	Percolation*	5 CFS
	Location	WESTERLY SIDE OF SANTA ANITA WASH 1.25 MILES ABOVE FOOTHILL BOULEVARD.
	Source of Water	CONTROLLED FLOW FROM SANTA ANITA DAM AND SANTA ANITA DEBRIS BASIN.
	Remarks	THE HEADWORKS LOCATED UPSTREAM OF THE DEBRIS BASIN DIVERTS WATER TO SANTA ANITA SPREADING GROUNDS AND CITY OF SIERRA MADRE SPREADING GROUNDS
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

SANTA FE

	Type	SHALLOW
	Season First Used	1953-54
Area	Gross	338 ACRES
	Wetted	168 ACRES
Capacities	Channel**	98,000 CFS
	Intakes	600 CFS
	Storage	540 AF
	Percolation*	400 CFS
	Location	WITHIN SANTA FE DAM RESERVOIR AND SPILLWAY AREAS.
	Source of Water	CONTROLLED FLOWS FROM SAN GABRIEL CANYON RESERVOIRS. UNCONTROLLED FLOWS FROM SAN GABRIEL RIVER BELOW MORRIS RESERVOIR; ALSO IMPORTED WATER.
	Remarks	NEW DIVERSION HEADWORKS STRUCTURE CONSTRUCTED, CONSISTING OF A NEW RUBBER DAM AND 2 INTAKES GATES.
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

WATER CONSERVATION – SUMMARY – DPW FACILITIES

SAWPIT

	Type	SHALLOW
	Season First Used	1946-47
Area	Gross	12 ACRES
	Wetted	4 ACRES
Capacities	Channel**	5,000 CFS
	Intakes	30 CFS
	Storage	13 AF
	Percolation*	12 CFS
	Location	WESTERLY SIDE OF SAWPIT WASH BELOW MOUTH OF CANTON NEAR NORUMBEGA DRIVE, MONROVIA.
	Source of Water	CONTROLLED FLOWS FROM SAWPIT DAM AND SAWPIT DEBRIS BASIN.
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

VALLY BLVD. RUBBER DAM

	Type	SHALLOW
	Season First Used	1994-95
Area	Gross	60 ACRES
	Wetted	60 ACRES
Capacities	Channel**	60,000 CFS
	Intakes	In river Percolation
	Storage	400 AF
	Percolation*	0 CFS
	Location	DROP STRUCTURE SOUTH OF VALLY BLVD, AT THE CONFLUENCE OF THE SAN GABRIEL RIVER AND WALNUT CREEK.
	Source of Water	SAME AS FORBES AND IRWINDALE/MANNING PIT CAN ALSO RECEIVE RELEASE FROM SAN GABRIEL CANYON RESERVOIRS AND IMPORTED WATER.
	Remarks	
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

WALNUT

	Type	DEEP
	Season First Used	1962-63
Area	Gross	16 ACRES
	Wetted	8 ACRES
Capacities	Channel**	8,000 CFS
	Intakes	150 CFS
	Storage	170 AF
	Percolation*	5 CFS
	Location	WEST SIDE OF WALNUT WASH, NORTH OF SAN BERNARDINO FREEWAY.
	Source of Water	CONTROLLED FLOW FROM PUDDINGSTONE DAM AND UNCONTROLLED FLOWS FROM WALNUT CREEK.
	Remarks	BASIN CLEANED OUT SUMMER OF 1995.
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

APPENDIX F

HYDROLOGIC REPORT 1997 – 1998

WATER CONSERVATION – SUMMARY – NON DPW FACILITIES

WATER CONSERVATION – SUMMARY – NON DPW FACILITIES

FISH CANYON (COMMITTEE OF NINE)

Type SHALLOW BASINS
Season First Used ABOUT 1917
Area **Gross** 6 ACRES
 Wetted 4.0 ACRES
Capacities **Channel**** CFS
 Intakes CFS
 Storage AF
 Percolation* 7 CFS
Location WESTERLY SIDE OF SAN GABRIEL RIVER BELOW MOUTH OF FISH CANYON AND NORTH OF THE CITY OF AZUSA.
Source of Water THE 'COMMITTEE OF NINE'.
Remarks OWNED AND OPERATED BY CAL-AMERICAN WATER COMPANY.
 * THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
 ** DESIGN CAPACITY OF MAIN CHANNEL.

SIERRA MADRE (CITY OF SIERRA MADRE)

Type SHALLOW BASINS
Season First Used ABOUT 1933
Area **Gross** 22 ACRES
 Wetted 9.0 ACRES
Capacities **Channel**** CFS
 Intakes 25 CFS
 Storage 47 AF
 Percolation* 15 CFS
Location CITY OF SIERRA MADRE, SOUTH SIDE OF GRANDVIEW AVENUE, ONE HALF MILE WEST OF SANTA ANITA AVENUE.
Source of Water LITTLE SANTA ANITA CREEK AND STREET RUNOFF ALSO CONTROLLED FLOWS FROM SANTA ANITA DAM.
Remarks THE DEPARTMENT DIVERTS WATER TO THIS FACILITY VIA SANTA ANITA HEADWORKS.
 * THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
 ** DESIGN CAPACITY OF MAIN CHANNEL.

THOMPSON CREEK POMONA VALLEY PROTECTIVE ASSOCIATION

Type DITCHES CHECKS AND DEEP BASIN
Season First Used ABOUT 1928
Area **Gross** 53 ACRES
 Wetted 37.0 ACRES
Capacities **Channel**** CFS
 Intakes 35 CFS
 Storage AF
 Percolation* 15 CFS
Location SOUTHERLY FROM, AND ADJACENT TO THOMPSON CREEK DAM, EAST SIDE OF CREEK
Source of Water COBAL, WILLIAMS, PALMER, AND PADUA CREEKS, ALSO THOMPSON CREEK, WHEN RESERVOIR ABOVE ELEVATION 1,625.
Remarks OPERATED BY POMONA VALLEY PROTECTIVE ASSOCIATION. THE DEPARTMENT DIVERTS WATER TO THIS FACILITY VIA THE PALMER DIVERSION.
 * THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
 ** DESIGN CAPACITY OF MAIN CHANNEL.

WATER CONSERVATION – SUMMARY – NON DPW FACILITIES

TUJUNGA (L.A. CITY DEPT. OF WATER AND POWER)

	Type	SHALLOW BASINS
	Season First Used	ABOUT 1931-32
Area	Gross	188 ACRES
	Wetted	83.2 ACRES
Capacities	Channel**	22000.0 CFS
	Intakes	400 CFS
	Storage	100 AF
	Percolation*	120 CFS
	Location	SAN FERNANDO VALLEY, EAST SIDE OF TUJUNGA WASH AT ROSCOE BOULEVARD
	Source of Water	CONTROLLED RELEASES FROM BIG TUJUNGA CAM, HANSEN DAM AND UNCONTROLLED RUNOFF FROM STORM DRAINS, ALSO IMPORTED WATER.
	Remarks	THE DEPARTMENT HAS AN AGREEMENT WITH THE CITY OF LOS ANGELES TO OPERATE THIS FACILITY.
		* THE CAPACITY LISTED IS ESTIMATES OF INFILTRATION RATES.
		** DESIGN CAPACITY OF MAIN CHANNEL.

APPENDIX G

HYDROLOGIC REPORT 1997 – 1998

WATER CONSERVATION – SUMMARY – WATER CONSERVED

WATER CONSERVATION – SUMMARY – WATER CONSERVED

Los Angeles County Department of Public Works
Total Monthly Water Conserved (acre-feet) during Water Year 1997-1998

AREA	SPREADING FACILITY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ACC TOT	Historic High	
															Amnt	Wtr Yr
San Fernando Valley Facilities	Branford	10	156	57	109	70	60	32	64	21	16	16	30	641	724	1969-70
	Hansen	367	336	1170	1130	4650	7850	6010	1570	4070	182	0	794	28129	35221	1982-83
	Lopez	50	0	0	35	4	2	68	82	23	0	0	114	378	1938	1967-68
	Pacoima	0	359	868	577	3950	5340	3220	2560	3070	717	53	0	20714	22973	1982-83
	Tujunga*	0	90	360	67	4380	1630	0	914	1080	1810	790	59	11180	42817	1982-83
	SUBTOTAL1	427	941	2455	1918	13054	14882	9330	5190	8264	2725	859	997	61042		
San Gabriel Valley Facilities	Arroyo Seco	0	12	160	231	662	943	INC	NR	NR	NR	NR	NR	2008	6450	1982-83
	Ben Lomond	144	156	116	185	261	186	170	509	126	0	0	0	1853	6444	1966-67
	Big Dalton	0	5	0	35	139	272	293	104	353	244	78	28	1551	3766	1966-67
	Buena Vista	0	37	22	39	153	65	7	44	1	0	8	2	378	2731	1957-58
	Citrus	0	68	72	92	763	554	471	502	326	239	385	451	3923	6478	1994-95
	Eaton Basin	7	97	202	82	451	262	7	285	24	13	29	30	1489	3481	1982-83
	Eaton Grounds	0	0	50	0	502	937	846	767	930	231	18	0	4281	4761	1982-83
	Forbes	149	15	0	44	215	98	125	38	165	123	72	131	1175	2628	1986-87
	Irwindale	1960	355	379	360	948	605	523	1520	1020	1160	951	1130	10911	41280	1991-92
	Little Dalton	0	0	0	0	114	256	162	254	241	126	44	29	1226	5546	1995-96
	Live Oak	0	0	0	0	31	0	31	0	0	0	0	0	62	1660	1982-83
	Peck Road	38	476	494	806	2400	1550	871	2950	3590	1970	740	93	15978	50026	1982-83
	San Dimas Canyon	0	0	47	142	467	670	603	512	357	445	417	72	3732	6049	1982-83
	San Gabriel Canyon	2990	305	2720	2670	1430	2180	1230	1180	1510	673	212	205	17305	19583	1969-70
	Santa Anita	0	89	13	142	53	120	176	144	79	167	77	43	1103	1641	1965-66
	Santa Fe SG	1730	2550	915	0	968	7720	13040	14350	12100	4020	8840	0	66233	124478	1982-83
Sawpit	16	16	19	35	71	164	240	57	408	350	260	99	1735	2926	1982-83	
Walnut	82	235	141	0	256	248	76	111	55	189	153	76	1622	3063	1992-93	
Sierra Madre*	0	0	51	123	192	56	537	431	607	405	165	299	2866	5003	1966-67	
Fish Canyon*	444	280	87	395	299	296	557	713	793	745	666	507	5782	9737	1978-79	
S.G. River Perc. Reach from Morris Dam to W.N. Dam	Morris Dam to Sta. F190	1780	3842	2813	1855	1286	4970	3723	7010	5573	5911	3719	1402e	43884	119600	1977-78
	Sta. F190 to Santa Fe Dam O/F	1772	275	3417	4235	1925a	1550b	1101	1000	1190	960e	232	1540e	19197	141600	1968-69
	Santa Fe Dam O/F to Sta. F263	1711	568	2001a	1860a	6107a	2926a	5800	6200a	8291	3037b	449	476	39426	79083	1991-92
	SUBTOTAL2	12823	9381	13719	13331	19693	26628	30589	38681	37739	21008	17515	6613	247720		
Coastal Plain Facilities	Rio Hondo Coastal	1201	4585	8200	9244	10998	7925	5390	3820	6530	5959	858	4121	68831	96363	1978-79
	Whittier Narrows Reservoir	646	921	660	1827	5605	625a	376a	772a	473	1078	318	151a	13452	102610	1991-92
	San Gabriel Coastal	5620	2496	3904	4024	10237	6010	4220	2290	2366	4414	3250	3350	52181	81586	1992-93
	Dominguez Gap	31	75	115	102	103	45	-31b	-14b	-45b	0	0	0	381	2414	1961-62
	SUBTOTAL3	7498	8077	12879	15197	26943	14605	9955	6868	9324	11451	4426	7622	134845		
Total Water	Conserved	20748	18399	29053	30446	59690	56115	49874	50739	55327	35184	22800	15232	443607		

Note: * Owned by other entities.

a Portions of water conserved figures may be estimated due to storm related tributary.

b Water in storage.

e Estimated.

APPENDIX H

HYDROLOGIC REPORT 1997 – 1998

WATER CONSERVATION – SUMMARY – IMPORTED WATER

WATER CONSERVATION – SUMMARY – IMPORTED WATER

IMPORTED WATER OUTLET RELEASES: *Water Delivered in Acre-Feet*

	San Dimas	Thompson Creek	Alhambra	USGMWD	TVMWD	Olden Street	SGVMWD Spreading Ground				Waste to the Ocean	Monthly Total Spread
	CB	CB	CB	USG3	Little DaPM26	L.A.	Canyon Basin	Beatt	Big D	San D		
Oct	0	0	0	5362.7	0	0	729.4	0	0	1977.6	0	8069.7
Nov	0	0	0	4783.7	0	0	0	0	0	0	0	4783.7
Dec	0	0	0	9652.9	0	141.0	0	0	0	0	0	9793.9
Jan	0	0	0	8403.0	0	0	0	0	0	0	0	8403.0
Feb	0	0	0	0	0	0	1231.0	0	0	0	0	1231.0
Mar	0	0	265.5	0	0	0	2159.0	685.0	0	0	0	3109.5
Apr	0	0	760.7	0	0	0	0	0	0	357.0	74.5	1043.2
May	0	0	0	0	0	0	0	0	0	105.0	0	105.0
Jun	0	0	0	0	0	0	0	0	8.9	702.1	0	711.0
Jul	0	0	0	0	0	0	0	0	197.0	903.0	0	1100.0
Aug	0	0	0	0	0	0	0	0	226.5	755.5	0	982.0
Sep	0	0	0	0	0	0	0	0	235.0	963.0	0	1198.0
TOTAL	0	0	1026.2	28202.3	0	141.0	4119.4	685.0	667.4	5763.2	74.5	40530.0

APPENDIX I

HYDROLOGIC REPORT 1997 – 1998

WATER CONSERVATION – SUMMARY – RECLAIMED WATER

WATER CONSERVATION – SUMMARY – RECLAIMED WATER

RECLAIMED WATER : *Water Delivered in Acre-Feet*

	WHITTIER NARROWS PLANT				SAN JOSE PLANT				POMONA PLANT				MONTHLY TOTAL WASTED	MONTHLY TOTAL SPREAD
	Delivered		Wasted	Monthly Spread	Delivered		Wasted	Monthly Spread	Delivered		Wasted	Monthly Spread		
	Rio Hondo	San Gabriel			Rio Hondo	San Gabriel			Rio Hondo	San Gabriel				
OCT	515.4	195.8	59.3	651.9	0.0	1,683.8	110.1	1,573.7	0.0	240.0	26.0	214.0	195.4	2,439.6
NOV	674.1	0.0	0.0	674.1	0.0	2,363.2	0.0	2,363.2	0.0	261.7	0.0	261.7	0.0	3,299.0
DEC	707.8	0.0	26.1	681.7	0.0	2,404.6	71.6	2,333.0	0.0	398.6	24.8	373.9	122.5	3,388.5
JAN	699.9	0.0	0.0	699.9	0.0	2,470.5	181.4	2,289.1	0.0	509.3	58.5	450.8	239.9	3,439.8
FEB	559.0	19.2	22.5	555.7	854.7	1,426.8	86.9	2,194.6	112.6	197.1	30.4	279.4	139.8	3,029.7
MAR	422.2	273.2	25.0	670.4	1,712.6	1,795.6	70.2	3,438.1	234.8	248.8	0.0	483.6	95.1	4,592.1
APR	675.8	0.0	103.9	571.9	2,010.8	480.4	416.0	2,075.2	235.8	60.7	42.4	254.1	562.3	2,901.3
MAY	439.3	391.1	0.0	830.4	478.3	2,168.1	0.0	2,646.4	13.4	133.8	0.0	147.3	0.0	3,624.1
JUN	268.4	586.8	0.0	855.1	1,883.6	1,331.3	0.0	3,214.9	84.4	53.2	0.0	137.6	0.0	4,207.7
JUL	489.1	442.8	0.0	931.9	2,274.1	1,025.9	0.0	3,300.0	93.6	30.7	0.0	124.3	0.0	4,356.2
AUG	788.2	124.6	0.0	912.8	2,554.7	692.6	0.0	3,247.3	118.6	2.6	0.0	121.2	0.0	4,281.3
SEP	0.0	832.3	0.0	832.3	0.0	1,550.6	0.0	1,550.6	0.0	79.6	0.0	79.6	0.0	2,462.5
TOTAL	6,239.1	2,865.8	236.7	8,868.2	11,768.9	19,393.5	936.2	30,226.2	893.3	2,216.2	182.0	2,927.4	1,355.0	42,021.8

APPENDIX J

HYDROLOGIC REPORT 1997 – 1998

WATER CONSERVATION – SUMMARY – GROUND WATER

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Coastal Plain, City of Long Beach

Ground Surface Elevation: 26.6 ft above MSL

STATION	460K
	WS Elev.
Jan-50	-30.1
Feb-50	-30.7
Mar-50	-27.3
Apr-50	-45.6
May-50	-41.4
Jun-50	-45.1
Jul-50	-49.6
Aug-50	-56.9
Sep-50	-51.9
Oct-50	-55.3
Nov-50	-60.7
Dec-50	-43.8
Jan-51	-49.9
Feb-51	-49.4
Mar-51	-54
Apr-51	-66.9
May-51	-57.9
Jun-51	-67.7
Jul-51	-67.1
Aug-51	-77.2
Sep-51	-70.4
Oct-51	-73.3
Nov-51	-67.6
Dec-51	-53.8
Jan-52	-46.8
Feb-52	-45.7
Mar-52	-44.7
Apr-52	-47.4
May-52	-40.3
Jun-52	-45.9
Jul-52	-62.7
Aug-52	-74
Sep-52	-76.4
Oct-52	-72.4
Nov-52	-65
Dec-52	-47.7
Jan-53	-43.2
Feb-53	-42.4

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Coastal Plain, City of Long Beach

Ground Surface Elevation: 26.6 ft above MSL

STATION	460K
	WS Elev.
Mar-53	-49.9
Apr-53	-61.6
May-53	-60.6
Jun-53	-71.9
Jul-53	-80.9
Aug-53	-83.5
Sep-53	-78.4
Oct-53	-78.7
Nov-53	-72.3
Dec-53	-63.3
Jan-54	-58.9
Feb-54	-49
Mar-54	-58.3
Apr-54	-54.4
May-54	-61
Jun-54	-75.2
Jul-54	-80.4
Aug-54	-87.4
Sep-54	-88.9
Oct-54	-82.9
Nov-54	-74.9
Dec-54	-63.7
Jan-55	-63.6
Feb-55	-51.3
Mar-55	-59.4
Apr-55	-67.1
May-55	-59.2
Jun-55	-70.7
Jul-55	-77.7
Aug-55	-86.2
Sep-55	-93.3
Oct-55	-93.7
Nov-55	-78.7
Dec-55	-69.3
Jan-56	-72.7
Feb-56	-68.1
Mar-56	-74.7
Apr-56	-83.5

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Coastal Plain, City of Long Beach****Ground Surface Elevation: 26.6 ft above MSL**

STATION	460K
	WS Elev.
May-56	-82.3
Jun-56	-87.7
Jul-56	-90
Aug-56	-99
Sep-56	-100.8
Oct-56	-101.3
Nov-56	-97.7
Dec-56	-98.2
Jan-57	-94.6
Feb-57	-69.6
Mar-57	-65.4
Apr-57	-69.4
May-57	-87.4
Jun-57	-88.3
Jul-57	-92.5
Aug-57	-95
Sep-57	-99
Oct-57	-100
Nov-57	-85
Dec-57	-84.1
Jan-58	-76.8
Feb-58	-72.9
Mar-58	-77.5
Apr-58	-70.6
May-58	-87.5
Jun-58	-92.2
Jul-58	-95.4
Aug-58	-93.6
Sep-58	-91.7
Oct-58	-87.6
Nov-58	-84
Dec-58	-82.8
Jan-59	-78.7
Feb-59	-78.3
Mar-59	-74
Apr-59	-81.2
May-59	-82.9
Jun-59	-87.5

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Coastal Plain, City of Long Beach

Ground Surface Elevation: 26.6 ft above MSL

STATION	460K
	WS Elev.
Jul-59	-94.2
Aug-59	-96.2
Sep-59	-98.2
Oct-59	-96.7
Nov-59	-95.2
Dec-59	-93.5
Jan-60	-83.6
Feb-60	-81.5
Mar-60	-85.8
Apr-60	-83.5
May-60	-75.3
Jun-60	-74.2
Jul-60	-76.5
Aug-60	-92.2
Sep-60	-84.2
Oct-60	-95
Nov-60	-91.3
Dec-60	-76.6
Jan-61	-74.2
Feb-61	-81.8
Mar-61	-91
Apr-61	-92.5
May-61	-81.2
Jun-61	-108.8
Jul-61	-111.7
Aug-61	-112.9
Sep-61	-113
Oct-61	-106.8
Nov-61	-101.4
Dec-61	-92.7
Jan-62	-80.7
Feb-62	-78.1
Mar-62	-74.8
Apr-62	-76.1
May-62	-92.7
Jun-62	-91.7
Jul-62	-100.1
Aug-62	-107.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Coastal Plain, City of Long Beach****Ground Surface Elevation: 26.6 ft above MSL**

STATION	460K
	WS Elev.
Sep-62	-109.9
Oct-62	-103.9
Nov-62	-73
Dec-62	-64.4
Jan-63	-55.3
Feb-63	-50.9
Mar-63	-48.7
Apr-63	-47.3
May-63	-48.1
Jun-63	-49.3
Jul-63	-50.5
Aug-63	-63.1
Sep-63	-68.8
Oct-63	-60.4
Nov-63	-46.8
Dec-63	-33.4
Jan-64	-36.4
Feb-64	-33
Mar-64	-31.6
Apr-64	-32.6
May-64	-39.4
Jun-64	-45.9
Jul-64	-47.7
Aug-64	-52
Sep-64	-53.9
Oct-64	-50.5
Nov-64	-40.9
Dec-64	-34.7
Jan-65	-30.7
Feb-65	-30.3
Mar-65	-32.7
Apr-65	-32
May-65	-35.7
Jun-65	-40.3
Jul-65	-40.1
Aug-65	-45.8
Sep-65	-49.5
Oct-65	-44.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Coastal Plain, City of Long Beach

Ground Surface Elevation: 26.6 ft above MSL

STATION	460K
	WS Elev.
Nov-65	-42
Dec-65	-30.6
Jan-66	-26
Feb-66	-24.9
Mar-66	-26.5
Apr-66	-28.8
May-66	-32.2
Jun-66	-43
Jul-66	-48.9
Aug-66	-46.8
Sep-66	-49.5
Oct-66	-45.4
Nov-66	-40.2
Dec-66	-30.1
Jan-67	-24.5
Feb-67	-21.8
Mar-67	-21.7
Apr-67	-20.4
May-67	-16.5
Jun-67	-23.2
Jul-67	-29.8
Aug-67	-41.6
Sep-67	-43.4
Oct-67	-34.5
Nov-67	-35.4
Dec-67	-30.5
Jan-68	-26.9
Feb-68	-24.4
Mar-68	-25
Apr-68	-25.5
May-68	-37.2
Jun-68	-40.9
Jul-68	-40.6
Aug-68	-46.3
Sep-68	-51.3
Oct-68	-46.6
Nov-68	-38.5
Dec-68	-34.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Coastal Plain, City of Long Beach****Ground Surface Elevation: 26.6 ft above MSL**

STATION	460K
	WS Elev.
Jan-69	-30.4
Feb-69	-25.8
Mar-69	-26
Apr-69	-26
May-69	-33.9
Jun-69	-42.4
Jul-69	-47.7
Aug-69	-49.1
Sep-69	-51.7
Oct-69	-57
Nov-69	-44.7
Dec-69	-39.2
Jan-70	-34.6
Feb-70	-29.4
Mar-70	-27.1
Apr-70	-31
May-70	-34.5
Jun-70	-39.2
Jul-70	-38.4
Aug-70	-40
Sep-70	-43.7
Oct-70	-52.5
Nov-70	-50.8
Dec-70	-39.5
Jan-71	-31.7
Feb-71	-30
Mar-71	-32.8
Apr-71	-37.8
May-71	-38.2
Jun-71	-39.9
Jul-71	-51
Aug-71	-52.2
Sep-71	-50.1
Oct-71	-54.7
Nov-71	-57
Dec-71	-46.3
Jan-72	-34.2
Feb-72	-32.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Coastal Plain, City of Long Beach

Ground Surface Elevation: 26.6 ft above MSL

STATION	460K
	WS Elev.
Mar-72	-34.3
Apr-72	-40.5
May-72	-44.5
Jun-72	-59.5
Jul-72	-53.5
Aug-72	-64.5
Sep-72	-73.3
Oct-72	-69.2
Nov-72	-60.8
Dec-72	-46.3
Jan-73	-40.2
Feb-73	-38.8
Mar-73	-33.8
Apr-73	-37.9
May-73	-49.5
Jun-73	-59.8
Jul-73	-68.3
Aug-73	-71.1
Sep-73	-69.7
Oct-73	-69.4
Nov-73	-67.5
Dec-73	-52.9
Jan-74	-54.7
Feb-74	-51.7
Mar-74	-54.4
Apr-74	-50.6
May-74	-62.7
Jun-74	-63.9
Jul-74	-69.7
Aug-74	-73.6
Sep-74	-73.6
Oct-74	-76.3
Nov-74	-71.7
Dec-74	-68.8
Jan-75	-58.1
Feb-75	-55.5
Mar-75	-48.1
Apr-75	-45.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Coastal Plain, City of Long Beach****Ground Surface Elevation: 26.6 ft above MSL**

STATION	460K
	WS Elev.
May-75	-47.1
Jun-75	-58.9
Jul-75	-70
Aug-75	-74.7
Sep-75	-71.1
Oct-75	-78.3
Nov-75	-75
Dec-75	-72.8
Jan-76	-70
Feb-76	-66.8
Mar-76	-66.1
Apr-76	-69.4
May-76	-70.5
Jun-76	-76.6
Jul-76	-85.4
Aug-76	-85.7
Sep-76	-88
Oct-76	-77.7
Nov-76	-84.2
Dec-76	-78.9
Jan-77	-74.2
Feb-77	-67.2
Mar-77	-66.8
Apr-77	-74.6
May-77	-84.7
Jun-77	-78.9
Jul-77	-88.7
Aug-77	-92.1
Sep-77	-90.4
Oct-77	-90.2
Nov-77	-87.8
Dec-77	-85.2
Jan-78	-78.8
Feb-78	-65.4
Mar-78	-64.1
Apr-78	-63.4
May-78	-50.4
Jun-78	-63.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Coastal Plain, City of Long Beach****Ground Surface Elevation: 26.6 ft above MSL**

STATION	460K
	WS Elev.
Jul-78	-82.8
Aug-78	-80.9
Sep-78	-83.6
Oct-78	-85.1
Nov-78	-76.1
Dec-78	-66.7
Jan-79	-62
Feb-79	-53.6
Mar-79	-43.5
Apr-79	-42.6
May-79	-53.6
Jun-79	-62.9
Jul-79	-77.1
Aug-79	-85.8
Sep-79	-89.5
Oct-79	-85.2
Nov-79	-83.5
Dec-79	-83.7
Jan-80	-66.8
Feb-80	-57.5
Mar-80	-55.9
Apr-80	-58.9
May-80	-59.1
Jun-80	-69.1
Jul-80	-79.4
Aug-80	-84.9
Sep-80	-86.3
Oct-80	-82.5
Nov-80	-80.3
Dec-80	-77.5
Jan-81	-63.4
Feb-81	-52.1
Mar-81	-49.6
Apr-81	-48.8
May-81	-64.4
Jun-81	-69.1
Aug-81	-72.5
Sep-81	-79

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Coastal Plain, City of Long Beach****Ground Surface Elevation: 26.6 ft above MSL**

STATION	460K
	WS Elev.
Nov-81	-64.8
Dec-81	-71.8
Jan-82	-45.1
Feb-82	-49.7
Mar-82	-52.3
Apr-82	-59
Jul-82	-69
Aug-82	-74.2
Sep-82	-73.8
Nov-82	-68
Dec-82	-61.5
Jan-83	-51.6
Feb-83	-52.7
Mar-83	-49.3
Apr-83	-47.8
May-83	-57.5
Jun-83	-63.7
Jul-83	-66.7
Aug-83	-66.7
Sep-83	-53.3
Oct-83	-46.3
Nov-83	-45.5
Dec-83	-21.7
Jan-84	-19.1
Feb-84	-17.5
Mar-84	-21.4
Apr-84	-24.6
May-84	-48
Jun-84	-58.7
Jul-84	-58.7
Aug-84	-61.9
Sep-84	-66.7
Oct-84	-62.4
Nov-84	-53.2
Dec-84	-44.3
Jan-85	-35.3
May-85	-40.4
Jun-85	-44.8

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Coastal Plain, City of Long Beach****Ground Surface Elevation: 26.6 ft above MSL**

STATION	460K
	WS Elev.
Jul-85	-56
Aug-85	-59.9
Sep-85	-59.1
Oct-85	-48.8
Nov-85	-49.3
Dec-85	-42.9
Jan-86	-38.5
Mar-86	-38.7
Apr-86	-43.8
May-86	-44.1
Jun-86	-56.9
Jul-86	-54.3
Aug-86	-66.8
Sep-86	-58.1
Oct-86	-52.3
Nov-86	-43.6
Dec-86	-43.6
Jan-87	-45.6
Feb-87	-44.6
Apr-87	-45.4
May-87	-48.4
Jun-87	-41
Jul-87	-63.6
Aug-87	-50.4
Sep-87	-61.5
Oct-87	-62.7
Nov-87	-63.2
Dec-87	-47.7
Jan-88	-47.2
Feb-88	-49.7
Mar-88	-49
Apr-88	-56.5
May-88	-62.5
Jun-88	-62.5
Jul-88	-77
Aug-88	-77.5
Sep-88	-78.8
Oct-88	-73.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Coastal Plain, City of Long Beach****Ground Surface Elevation: 26.6 ft above MSL**

STATION	460K
	WS Elev.
Nov-88	-73.1
Dec-88	-66.2
Jan-89	-55.1
Feb-89	-63.2
Mar-89	-71.9
Apr-89	-71
May-89	-77
Jun-89	-76.2
Jul-89	-78.7
Aug-89	-76
Sep-89	-87.8
Oct-89	-73.4
Nov-89	-54.2
Dec-89	-56.7
Jan-90	-49.2
Feb-90	-44.9
Mar-90	-45.1
Apr-90	-36
May-90	-55.9
Jun-90	-89.9
Jul-90	-97.2
Aug-90	-98.7
Sep-90	-99.5
Oct-90	-91.5
Nov-90	-48.3
Dec-90	-34.8
Jan-91	-33.3
Feb-91	-42.4
Mar-91	-46.1
Apr-91	-26
May-91	-78.3
Jun-91	-90.2
Jul-91	-80.4
Aug-91	-77.5
Sep-91	-63.4
Oct-91	-62.7
Nov-91	-63.4
Dec-91	-60.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Coastal Plain, City of Long Beach****Ground Surface Elevation: 26.6 ft above MSL**

STATION	460K
	WS Elev.
Jan-92	-55.4
Feb-92	-50.6
Mar-92	-28.2
Apr-92	-46.7
May-92	-62.9
Sep-92	-73.5
Oct-92	-72
Nov-92	-78.8
Dec-92	-76.5
Jan-93	-70.4
Feb-93	-68.5
Mar-93	-65.9
Apr-93	-51.9
May-93	-37.9
Jun-93	-27.6
Jul-93	-21.2
Aug-93	-19.2
Sep-93	-19.9
Oct-93	-17.4
Nov-93	-19.4
Dec-93	-13.9
Jan-94	-10.9
Feb-94	-16.7
Mar-94	-9.4
Apr-94	-5.8
May-94	-22.6
Jun-94	-48.4
Jul-94	-54.7
Aug-94	-55.6
Sep-94	-64.2
Oct-94	-35.9
Nov-94	-27.4
Dec-94	-25.3
Jan-95	-20.9
Feb-95	-35.3
Mar-95	-26.7
Apr-95	-32.2
May-95	-18.8

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Coastal Plain, City of Long Beach

Ground Surface Elevation: 26.6 ft above MSL

STATION	460K
	WS Elev.
Jun-95	-42.8
Jul-95	-57.2
Aug-95	-50.2
Sep-95	-62.5
Oct-95	-31.6
Nov-95	-19.4
Dec-95	-25.4
Jan-96	-18.6
Feb-96	-10.3
Mar-96	-11.6
Apr-96	-5.8
May-96	-37.4
Jun-96	-51.8
Jul-96	-62.6
Aug-96	-64.8
Sep-96	-78.9
Oct-96	-70.4
Nov-96	-70.4
Dec-96	-70.4
Jan-97	-8.1
Feb-97	-6.4
Mar-97	-7.8
Apr-97	-44.4
May-97	-74.4
Jun-97	-93.2
Jul-97	-98.8
Aug-97	-101.2
Sep-97	-103.4
Oct-97	-57.1
Nov-97	-45.2
Dec-97	-29.1
Jan-98	-20.2
Feb-98	-24.4
Mar-98	-11.8
Apr-98	-8.1
May-98	-58.5
Jun-98	-86.1
Jul-98	-95.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Coastal Plain, City of Long Beach

Ground Surface Elevation: 26.6 ft above MSL

STATION	460K
	WS Elev.
Aug-98	-111.5
Sep-98	-113.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Feb-57	-83.3		
Mar-57	-92.3		
Apr-57	-92.3		
Aug-57	-85.3		
Sep-57	-89.3		
Oct-57	-92.3		
Nov-57	-91.3		
Dec-57	-89.3		
Jan-58	-89.3		
Feb-58	-88.3		
Mar-58	-88.3		
Apr-58	-87.3		
May-58	-86.3		
Jun-58	-87.3		
Jul-58	-87.3		
Aug-58	-88.3		
Sep-58	-88.3		
Oct-58	-88.3		
Nov-58	-89.3		
Dec-58	-89.3		
Jan-59	-89.3		
Feb-59	-89.3		
Mar-59	-77.3		
Apr-59	-75.3		
May-59	-86.3		
Jun-59	-89.3		
Jul-59	-93.3		
Aug-59	-96.3		
Sep-59	-90.3		
Oct-59	-87.3		
Nov-59	-88.3		
Dec-59	-91.3		
Jan-60	-81.3		
Feb-60	-74.3		
Mar-60	-71.3		
Apr-60	-71.3		
May-60	-83.3		
Jun-60	-93.3		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Jul-60	-95.3		
Aug-60	-94.3		
Sep-60	-91.3		
Oct-60	-88.3		
Nov-60	-87.3		
Dec-60	-82.3		
Jan-61	-74.3		
Feb-61	-75.3		
Mar-61	-72.3		
Apr-61	-72.3		
May-61	-81.3		
Jun-61	-61.8		
Jul-61	-62.3		
Aug-61	-82.3		
Sep-61	-86.3		
Oct-61	-87.3		
Nov-61	-88.3		
Dec-61	-88.3		
Jan-62	-73.3		
Feb-62	-73.3		
Mar-62	-69.3		
Apr-62	-69.3		
May-62	-76.1		
Jun-62	-80.3		
Jul-62	-80.9		
Aug-62	-84.7		
Sep-62	-88		
Oct-62	-87.7		
Nov-62	-87.7		
Dec-62	-88.3		
Feb-63	-78.1		
Mar-63	-77.3		
Apr-63	-77.2		
May-63	-78.7		
Jun-63	-83.1		
Jul-63	-81.6		
Aug-63	-82		
Sep-63	-80.6		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Oct-63	-80.7		
Nov-63	-80.3		
Dec-63	-81.3		
Jan-64	-78.8		-54
Feb-64	-77.5		-58
Mar-64	-78.4		-55
Apr-64	-80.4		-54
May-64	-84.8		-64
Jun-64	-89.4		-64
Jul-64	-93.1		-59
Aug-64	-90		-61
Sep-64	-88.5		-59
Oct-64	-87.6		-64
Nov-64	-91.2		-60.7
Dec-64	-77.6		-54
Jan-65	-80.2		-66
Feb-65	-73.3		-57.2
Mar-65	-73		-54
Apr-65	-73.2		-52.2
May-65	-76.5		-57
Jun-65	-80		-55
Jul-65	-83.5		-53
Aug-65	-89.8		-62
Sep-65	-91.1		-58
Oct-65	-86.1		-60
Nov-65	-87.1		-57
Dec-65	-77.1		-50.2
Jan-66	-77.7		-50
Feb-66	-79.2		-53
Mar-66	-79.1		-52
Apr-66	-80.9		-51
May-66	-90.1		-50
Jun-66	-91		-55
Jul-66	-94.6		-57
Aug-66	-88.7		-53
Sep-66	-85.3		-53
Oct-66	-88		-57
Nov-66	-80.6		-49

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Dec-66	-75.9		-50
Jan-67	-74.2		-48
Feb-67	-72.2		-50
Mar-67	-72.9		-45.7
Apr-67	-70.8		-48
May-67	-73.2		-49
Jun-67	-82		-62
Jul-67	-85.9		-63
Aug-67	-87.9		-51.2
Sep-67	-88.4		-48
Oct-67	-88.3		-47.2
Nov-67	-84.9		-47.2
Dec-67	-81.1		-48.2
Jan-68	-76		-49
Feb-68	-73		-49
Mar-68	-71.2		-46
Apr-68	-73.8		-45.2
May-68	-73.9		-45
Jun-68	-80.6		-45
Jul-68	-83		-44
Aug-68	-83.7		-45
Sep-68	-83.1		-45
Oct-68	-75.9		-41.7
Nov-68	-74		-42.2
Dec-68	-73.2		-43.2
Jan-69	-71.9		-44
Feb-69	-74.9		-44
Mar-69	-68.7		-44
Apr-69	-71.5		-40
May-69	-69.8		-45
Jun-69	-72.4		-49
Jul-69	-76.2		-50
Aug-69	-82.6		-50
Sep-69	-83.7		-52
Oct-69	-87.3		-43
Nov-69	-82		-43
Dec-69	-73.5		-43
Jan-70	-68.3		-42

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Feb-70	-71.1		-39
Mar-70	-69		-38.2
Apr-70	-74.8		-39.3
May-70	-74.8		-42
Jun-70	-78.5		-40
Jul-70	-86		-40
Aug-70	-83.1		-41
Sep-70	-83.2		-44
Oct-70	-84.5		-43
Nov-70	-84		-41.2
Dec-70	-81		-41.2
Jan-71	-81.7		-43.2
Feb-71	-82.2		-38.2
Mar-71	-80.8		-42.2
Apr-71	-81.8		-36.2
May-71	-80		-37.2
Jun-71	-78.9		-44.2
Jul-71	-80		
Aug-71	-81.3		
Sep-71	-80.2		
Oct-71	-79.6		-42.2
Nov-71	-78.4		-40.2
Dec-71	-77.6		
Jan-72	-77.2		
Feb-72	-75.6		-41.2
Mar-72	-70.6		-41.2
Apr-72	-73.5		-40.2
May-72	-76.4		-38.2
Jun-72	-73.2		-37.2
Jul-72	-72.3		-38.2
Aug-72	-72.7		-39.2
Sep-72	-76		-39.2
Oct-72	-78.4		
Nov-72	-78		
Dec-72	-74.7		
Jan-73	-76.3		-40.2
Feb-73	-75.4		-38.2
Mar-73	-74.2		-37.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Apr-73	-70.7		-37.2
May-73	-71		
Jun-73	-68.5		
Jul-73	-69.4		
Aug-73	-70.4		-37.2
Sep-73	-69.9		
Oct-73	-68.9		-37.2
Dec-73	-60.9		
Jan-74	-60		
Feb-74	-58.2		-33.2
Mar-74	-57.7		-38.2
Apr-74	-57.2		-37.2
May-74	-56.9		-37.2
Jun-74	-59.2		-34.2
Jul-74	-61.4		-35.2
Aug-74	-63.9		-35.2
Sep-74	-70		-34.2
Oct-74	-62.1		-33.2
Nov-74	-69		-33.2
Dec-74	-63		-35.2
Jan-75	-63		-36.2
Feb-75	-61		-36.2
Mar-75	-59		-36.2
Apr-75	-58		-38.2
May-75	-52.5		
Jun-75	-53.9		-39.2
Jul-75	-58		-39.2
Aug-75	-62		-36.2
Sep-75	-63		-39.2
Oct-75	-62		-36.2
Nov-75	-57.5		-35.2
Dec-75	-62		-35.2
Jan-76	-62		-35.2
Feb-76	-62		-37.2
Mar-76	-63		-38.2
Apr-76	-62		-42.2
May-76	-59		-37.2
Jun-76	-62		-37.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Jul-76	-61		-37.2
Aug-76	-63		-37.2
Sep-76	-63		-37.2
Oct-76	-62		-35.2
Nov-76	-53.4		-36.1
Dec-76	-62		-33.2
Jan-77	-60		-32.2
Feb-77	-61		-32.2
Mar-77	-49		-32.2
Apr-77	-60		-32.2
May-77	-55		-34.2
Jun-77	-56		-34.2
Jul-77	-58		-37.2
Aug-77	-62		-37.2
Sep-77	-62		-37.2
Oct-77	-54.1		-35.4
Nov-77	-51.2		
Dec-77	-53.5		
Jan-78	-51.5		
Feb-78	-57.8		
Mar-78	-69.7		
Apr-78	-58.4		-32.2
May-78	-71.6		
Jun-78	-82.1		
Oct-78	-98.7		-33.2
Jan-79	-91.3		
Feb-79	-97.3		
Mar-79	-99.3		
Apr-79	-80.7		
May-79	-99.3		
Jun-79	-79.3		
Jul-79	-76.3		
Aug-79	-81.3		-43
Sep-79	-83.3		-40
Oct-79	-97.3		-36
Nov-79	-104		-36
Dec-79			-37
Jan-80			-34

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Feb-80			-34
Mar-80			-34
Apr-80	-78.3		-42.2
May-80	-79.3		-34
Jun-80	-79.3		-34
Jul-80	-79.3		-37
Aug-80	-91.3		-37
Sep-80	-89.3		-37
Oct-80	-93.3		-38
Nov-80	-92.3		-38
Dec-80	-89.3		-38
Jan-81	-77.3		-35
Feb-81	-73.3		-34
Mar-81	-79.3		-34
Apr-81	-79.3		-33.2
May-81	-81.3		-34
Jun-81	-79.3		
Jul-81	-78.3		-28
Aug-81	-77.3		-30
Sep-81	-79.3		-32
Oct-81	-87.3		-31.2
Nov-81	-91.3		-34
Dec-81	-93.3		-34
Jan-82	-97.3		-34
Feb-82	-96.3		-34
Mar-82	-95.3		-35
Apr-82	-97.3		-34.2
May-82	-97.3		-38
Jun-82	-98.3		
Jul-82	-101		-37
Aug-82	-87.3		-37
Sep-82	-83.3		-37
Oct-82	-83.3		-35.2
Nov-82	-90.3		-38
Dec-82	-85.3		-38
Jan-83	-80.3		-37
Feb-83	-87.3		-38
Mar-83	-90.3		-38

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Apr-83	-85.3		-37
May-83	-83.3		-36.2
Jun-83	-91.3		-30.2
Jul-83	-89.3		-39.2
Aug-83	-91.3		
Sep-83	-83.3		
Oct-83	-91.3		-37.2
Nov-83	-89.3		-36.2
Dec-83	-79.3		-27.2
Jan-84	-68.3		-30.2
Feb-84	-63.3		-30.2
Mar-84	-73.3		
Apr-84	-79.3		-27.2
May-84	-83.3		-29.2
Jun-84	-83.3		-29.2
Jul-84	-85.3		
Aug-84	-89.3		-32.2
Sep-84	-83.3		-31.2
Oct-84	-85.3		-31.2
Nov-84	-85.3		
Dec-84	-80.3		-30.2
Jan-85	-83.3		-31.2
Feb-85	-63.3		
Mar-85	-67.3		-31.2
Apr-85	-69.3		-31.2
May-85	-69.3		-31.2
Jun-85	-71.3		-27.2
Jul-85	-69.3		-26.2
Aug-85	-67.3		-22.2
Sep-85	-69.3		-24.2
Oct-85	-71.3		-24.2
Nov-85	-75.3		-33
Dec-85	-79.3		-34
Jan-86	-77.3		-24
Feb-86	-75.3		-22.5
Mar-86	-76.3		-23
Apr-86	-77.3		-25
May-86	-77.3		-26

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Jun-86	-89.3		-24
Jul-86	-95.3		-31
Aug-86	-90.3		-32
Sep-86	-90.3		-31
Oct-86	-88.3		-29
Nov-86	-87.3		-36
Dec-86	-75.3		-27
Jan-87	-66.3		-25
Apr-87	-65.3		
May-87	-72.3		
Jun-87	-76.3		
Jul-87	-79.3		
Aug-87	-78.3		
Sep-87	-76.3		
Oct-87	-69.3		
Nov-87	-68.3		-25.6
Dec-87	-68.3		-27
Jan-88	-65.8		-25.8
Feb-88	-66.1		-24.3
Mar-88	-59.1		
Apr-88	-57.6		-23.3
May-88	-55.3		-16.6
Jun-88	-52.3		-26.3
Jul-88	-52.3		-25
Aug-88	-51.3		-26.8
Sep-88	-51.3		-28
Oct-88	-52.4		-25
Nov-88	-51.3		-25
Dec-88	-49.3		-24
Jan-89	-52.3		-19
Feb-89			-23
Mar-89	-60.1		-24.8
Apr-89	-63.8		-26.3
May-89	-70.6		-25
Jun-89	-71.3		-24
Jul-89	-69.3		-30
Aug-89	-66.8		-24
Sep-89	-66.8		-24

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Oct-89	-60.4		-24
Nov-89	-62.3		-27.2
Dec-89	-62.3		-24
Jan-90	-62.3		-22.2
Feb-90	-62.3		-23.2
Mar-90	-60.3		-23.2
Apr-90	-62.4		-26.2
May-90	-61.3		-23.2
Jun-90	-61.3		-24.2
Jul-90	-61.3		-21.2
Aug-90	-61.3		-24.2
Sep-90	-61.3		-26.2
Oct-90	-61.3		-24.2
Nov-90	-61.3		-23.2
Dec-90	-61.3		-21.2
Jan-91	-66.3		-17.2
Feb-91	-52.3		-17.2
Mar-91	-56.6		-24.2
Apr-91	-58.3		-23.2
May-91	-63.3		-24.2
Jun-91	-67.3		-25.2
Jul-91	-68.6		-28.2
Aug-91	-72.3		-28.2
Sep-91	-79.3	-61.7	-24.2
Oct-91	-80.3	-55.7	-25.2
Nov-91	-80.8		-26.2
Dec-91			-28.2
Jan-92			-25.2
Feb-92	-68.3		-25.2
Mar-92	-80.3		-28.2
Apr-92	-86.8	-54.7	-27.2
May-92			-28.2
Jun-92			-26.2
Jul-92			-28.2
Aug-92			-28.2
Sep-92			-30.2
Oct-92		-41.7	-31.2
Nov-92			-22.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain

Ground Surface Elevation: 50.0 ft above MSL

STATION	1346D	1366C	760C
	WS Elev.	WS Elev.	WS Elev.
Dec-92			-25.2
Jan-93			-23.2
Feb-93			-22.2
Mar-93			-25.2
Apr-93		-55.7	-25.2
May-93			-26.2
Jun-93		-96.2	-27.2
Jul-93			-30.2
Aug-93		-47.7	-25.2
Sep-93		-73.7	-23.2
Oct-93		-42	-25.2
Nov-93		-53.2	-16.2
Dec-93		-46	-17.2
Jan-94		-33.2	-14.2
Feb-94		-34.7	-17.2
Mar-94		-36.7	-16.2
Apr-94		-51.7	-18.2
May-94		-43.7	-21
Jun-94			-23.2
Jul-94		-57.7	-26.2
Aug-94		-58.7	-25.2
Sep-94		-27.7	-18.2
Oct-94		-44.7	-18.2
Nov-94			-18.2
Dec-94			-17.2
Jan-95			-17.2
Apr-95			-18.2
May-95			-19.2
Jun-95			-24.2
Jul-95			-23.2
Aug-95			-23.2
Oct-95			-16.7
Apr-96			-24.2
Apr-97			-22.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Jan-51	-42.1
Feb-51	-40.4
Mar-51	-41.7
Apr-51	-46.7
May-51	-48.5
Jun-51	-52
Jul-51	-59
Aug-51	-66.2
Sep-51	-70.4
Oct-51	-70.4
Nov-51	-69.6
Dec-51	-65.5
Jan-52	-59.2
Feb-52	-56.2
Mar-52	-54.1
Apr-52	-52.1
May-52	-49.2
Jun-52	-49.5
Jul-52	-53.5
Aug-52	-63.2
Sep-52	-68
Oct-52	-70.6
Nov-52	-70.1
Dec-52	-63.5
Jan-53	-51.2
Feb-53	-45.4
Mar-53	-47.6
Apr-53	-52.6
May-53	-50.6
Jun-53	-65.3
Jul-53	-73.1
Aug-53	-79.4
Sep-53	-81.8
Oct-53	-81.3
Nov-53	-76.5
Dec-53	-72.9
Jan-54	-67.7

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Feb-54	-63
Mar-54	-56.9
Apr-54	-53.8
May-54	-53.3
Jun-54	-58.9
Jul-54	-65.4
Aug-54	-76.1
Sep-54	-82.6
Oct-54	-83.8
Nov-54	-80.5
Dec-54	-73.3
Jan-55	-66.1
Feb-55	-62.2
Mar-55	-60.7
Apr-55	-59.4
May-55	-61.5
Jun-55	-64.2
Jul-55	-69.2
Aug-55	-75.8
Sep-55	-82
Oct-55	-85.6
Nov-55	-83.8
Dec-55	-79.9
Jan-56	-69
Feb-56	-66.7
Mar-56	-66.7
Apr-56	-72.5
May-56	-74.3
Jun-56	-100
Jul-56	-87.6
Aug-56	-92.1
Sep-56	-98.8
Oct-56	-101.5
Nov-56	-102.5
Dec-56	-103
Jan-57	-99.9
Feb-57	-89.7

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Mar-57	-80.8
Apr-57	-75
May-57	-83.5
Jun-57	-84.7
Jul-57	-96.7
Aug-57	-103
Sep-57	-106.7
Oct-57	-107.6
Nov-57	-101.2
Dec-57	-97
Jan-58	-90.2
Feb-58	-87.7
Mar-58	-82.9
Apr-58	-77.5
May-58	-81.5
Jun-58	-87.6
Jul-58	-94.8
Aug-58	-98.3
Sep-58	-98.7
Oct-58	-100
Nov-58	-98.2
Dec-58	-93.1
Jan-59	-89
Feb-59	-83.3
Mar-59	-85.4
Apr-59	-86.1
May-59	-86.6
Jun-59	-89.2
Jul-59	-92.7
Aug-59	-97.4
Sep-59	-101
Oct-59	-104.4
Nov-59	-104.5
Dec-59	-104.8
Jan-60	-101.4
Feb-60	-96.8
Mar-60	-96.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Apr-60	-95.2
May-60	-90.8
Jun-60	-87.6
Jul-60	-91.8
Aug-60	-104.2
Sep-60	-92.5
Oct-60	-106.9
Nov-60	-108
Dec-60	-99.4
Jan-61	-94.2
Feb-61	-90.8
Mar-61	-92.8
Apr-61	-94.9
May-61	-90.8
Jun-61	-111.3
Jul-61	-119.2
Aug-61	-125.6
Sep-61	-128.7
Oct-61	-124.9
Nov-61	-118.6
Dec-61	-109.5
Jan-62	-100.6
Feb-62	-94.3
Mar-62	-88.7
Apr-62	-87.6
May-62	-97.3
Jun-62	-103.5
Jul-62	-107.3
Aug-62	-116.6
Sep-62	-121.4
Oct-62	-117.4
Nov-62	-97.6
Dec-62	-83.7
Jan-63	-74.6
Feb-63	-68.6
Mar-63	-65.3
Apr-63	-62.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
May-63	-58
Jun-63	-60.6
Jul-63	-61.3
Aug-63	-79.2
Sep-63	-82.8
Oct-63	-74.4
Nov-63	-63.5
Dec-63	-57.3
Jan-64	-53.2
Feb-64	-51.3
Mar-64	-47.1
Apr-64	-45.6
May-64	-45.8
Jun-64	-45.9
Jul-64	-54.1
Aug-64	-63.4
Sep-64	-78.1
Oct-64	-68.9
Nov-64	-56.9
Dec-64	-56.9
Jan-65	-52.2
Feb-65	-50.7
Mar-65	-49.7
Apr-65	-49.4
May-65	-48.3
Jun-65	-50.7
Jul-65	-54.9
Aug-65	-56.7
Sep-65	-62.5
Oct-65	-60.1
Nov-65	-61.2
Dec-65	-59.2
Jan-66	-53.3
Feb-66	-49.9
Mar-66	-42.6
Apr-66	-43.2
May-66	-46.8

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Jun-66	-52.3
Jul-66	-59.2
Aug-66	-69.1
Sep-66	-69.4
Oct-66	-69.4
Nov-66	-60.2
Dec-66	-53.6
Jan-67	-49.3
Feb-67	-44.8
Mar-67	-42.3
Apr-67	-40.7
May-67	-38.4
Jun-67	-38.8
Jul-67	-40.6
Aug-67	-46.7
Sep-67	-56
Oct-67	-52
Nov-67	-50.7
Dec-67	-45.8
Jan-68	-34.3
Feb-68	-37
Mar-68	-40.8
Apr-68	-38.7
May-68	-42.3
Jun-68	-49.4
Jul-68	-53.1
Aug-68	-65.5
Sep-68	-71
Oct-68	-63.6
Nov-68	-60.1
Dec-68	-54.7
Jan-69	-49.6
Feb-69	-47.2
Mar-69	-43.8
Apr-69	-34.9
May-69	-42.3
Jun-69	-48.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Jul-69	-56.4
Aug-69	-66.1
Sep-69	-75.7
Oct-69	-74
Nov-69	-68.9
Dec-69	-65.1
Jan-70	-55.8
Feb-70	-39
Mar-70	-29.1
Apr-70	-26.9
May-70	-30.8
Jun-70	-33.1
Jul-70	-32
Aug-70	-34
Sep-70	-52.7
Oct-70	-57.6
Nov-70	-50.5
Dec-70	-41.9
Jan-71	-33.5
Feb-71	-31.6
Mar-71	-32.8
Apr-71	-36.1
May-71	-36.8
Jun-71	-39.6
Jul-71	-46.8
Aug-71	-55.6
Sep-71	-63.8
Oct-71	-62.7
Nov-71	-60.8
Dec-71	-53.3
Jan-72	-48.9
Feb-72	-36
Mar-72	-30.5
Apr-72	-31.8
May-72	-32.3
Jun-72	-40.4
Jul-72	-47.8

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Aug-72	-59.9
Sep-72	-68.2
Oct-72	-66.9
Nov-72	-59.2
Dec-72	-47.7
Jan-73	-41.9
Feb-73	-36.4
Mar-73	-30.5
Apr-73	-28.3
May-73	-32.7
Jun-73	-44.6
Jul-73	-55.5
Aug-73	-59.5
Sep-73	-63.7
Oct-73	-62.7
Nov-73	-60.6
Dec-73	-54.7
Jan-74	-49
Feb-74	-44.4
Mar-74	-43
Apr-74	-40.7
May-74	-43.6
Jun-74	-47.3
Jul-74	-50.2
Aug-74	-55
Sep-74	-57.5
Oct-74	-59.7
Nov-74	-59.3
Dec-74	-55.1
Jan-75	-48.1
Feb-75	-46
Mar-75	-41.9
Apr-75	-39.7
May-75	-36.4
Jun-75	-38.4
Jul-75	-44.4
Aug-75	-57.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Sep-75	-63.5
Oct-75	-66.6
Nov-75	-67.4
Dec-75	-65
Jan-76	-62.9
Feb-76	-64.2
Mar-76	-61.5
Apr-76	-60.7
May-76	-61.3
Jun-76	-65.1
Jul-76	-75.7
Aug-76	-77.5
Sep-76	-81.6
Oct-76	-80.4
Nov-76	-83.2
Dec-76	-82.8
Jan-77	-80.4
Feb-77	-74.5
Mar-77	-71.4
Apr-77	-72.7
May-77	-77.8
Jun-77	-71.3
Jul-77	-79.6
Aug-77	-90.3
Sep-77	-89.9
Oct-77	-90.7
Nov-77	-88.6
Dec-77	-79.4
Jan-78	-81.1
Feb-78	-71.5
Mar-78	-64.2
Apr-78	-57
May-78	-57.3
Jun-78	-63
Jul-78	-70.4
Aug-78	-81.7
Sep-78	-88.8

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Oct-78	-91.7
Nov-78	-83.4
Dec-78	-77.3
Jan-79	-68.1
Feb-79	-59.2
Mar-79	-53.2
Apr-79	-48.5
May-79	-51.3
Jun-79	-57.3
Jul-79	-71.2
Aug-79	-81.8
Sep-79	-89.4
Oct-79	-88.3
Nov-79	-86.8
Dec-79	-88.3
Jan-80	-77.1
Feb-80	-66.9
Mar-80	-60.4
Apr-80	-58.1
May-80	-56.1
Jun-80	-59.4
Jul-80	-71.9
Aug-80	-81.1
Sep-80	-87.8
Oct-80	-89.4
Nov-80	-90.2
Dec-80	-89.8
Jan-81	-79.5
Feb-81	-58.6
Mar-81	-51.1
Apr-81	-51.3
May-81	-50.1
Jun-81	-54.4
Jul-81	-61.5
Aug-81	-67.4
Sep-81	-80.6
Oct-81	-77.6

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Nov-81	-73.4
Dec-81	-64.9
Jan-82	-63.2
Feb-82	-45.5
Mar-82	-45.5
Apr-82	-45.6
May-82	-47.2
Jun-82	-48
Jul-82	-59.3
Aug-82	-73.6
Sep-82	-76.3
Oct-82	-75.3
Dec-82	-60.8
Jan-83	-52.7
Feb-83	-51.2
Mar-83	-43.8
Apr-83	-45.9
May-83	-44.9
Jun-83	-53.9
Jul-83	-53.9
Aug-83	-59.3
Sep-83	-48.3
Oct-83	-48.5
Nov-83	-35.8
Dec-83	-25.7
Jan-84	-9.8
Feb-84	-16.2
Mar-84	-10.9
Apr-84	-22.8
May-84	-28.3
Jun-84	-39.5
Jul-84	-48.2
Aug-84	-50.8
Sep-84	-55
Oct-84	-54.5
Nov-84	-50.9
Dec-84	-42.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Jan-85	-32.8
May-85	-34.2
Jun-85	-39.6
Jul-85	-45.5
Aug-85	-48.8
Sep-85	-47.7
Oct-85	-47.2
Nov-85	-46.3
Dec-85	-43.2
Jan-86	-30.4
Mar-86	-27.7
Apr-86	-35.7
May-86	-37.6
Jun-86	-40.2
Jul-86	-46
Aug-86	-50.5
Sep-86	-54.8
Oct-86	-51.2
Nov-86	-49.2
Dec-86	-48.5
Jan-87	-45.5
Feb-87	-40.1
Mar-87	-34.8
Apr-87	-39.2
May-87	-41.1
Jun-87	-41.7
Jul-87	-43.5
Aug-87	-49.3
Sep-87	-52
Oct-87	-54.6
Nov-87	-52.6
Dec-87	-49.8
Jan-88	-41.6
Feb-88	-37.8
Mar-88	-38
Apr-88	-41.7
May-88	-45.4

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Jun-88	-45.4
Jul-88	-53.6
Aug-88	-63.1
Sep-88	-63.8
Oct-88	-64
Nov-88	-64
Dec-88	-73.4
Jan-89	-57.4
Feb-89	-56.6
Mar-89	-59
Apr-89	-58.9
May-89	-61
Jun-89	-61
Jul-89	-71
Aug-89	-65
Sep-89	-67.5
Oct-89	-65
Nov-89	-52.9
Dec-89	-49
Jan-90	-47.1
Feb-90	-45.8
Mar-90	-47.4
Apr-90	-36.1
May-90	-35.9
Jun-90	-57.1
Jul-90	-65.7
Aug-90	-75.5
Sep-90	-71.3
Oct-90	-70.8
Nov-90	-55.9
Dec-90	-39.2
Jan-91	-29.2
Feb-91	-32.2
Mar-91	-32.1
Apr-91	-58.2
May-91	-30
Jun-91	-61.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Jul-91	-65.3
Aug-91	-61.5
Oct-91	-61.5
Nov-91	-54.5
Dec-91	-49.6
Jan-92	-41.1
Feb-92	-43
Mar-92	-36.4
Apr-92	-34.8
May-92	-38.6
Jun-92	-48.4
Jul-92	-57.3
Aug-92	-60.8
Sep-92	-54
Oct-92	-51.5
Nov-92	-56.8
Dec-92	-59.2
Jan-93	-58.3
Feb-93	-58.2
Mar-93	-56.6
Apr-93	-30.4
May-93	-47
Jun-93	-34.6
Jul-93	-25.3
Aug-93	-17.7
Sep-93	-16.7
Oct-93	-14.8
Nov-93	-13.2
Dec-93	-8.7
Jan-94	-5.4
Feb-94	-8.5
Mar-94	-2
Apr-94	-0.5
Jun-94	-22.8
Jul-94	-37.7
Aug-94	-42.4
Sep-94	-48.1

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Oct-94	-41.3
Nov-94	-26.5
Dec-94	-15.6
Jan-95	-13.2
Feb-95	-19.3
Mar-95	-21.2
Apr-95	-23.1
May-95	-27.3
Jun-95	-23.4
Jul-95	-30.2
Aug-95	-33
Sep-95	-35.9
Oct-95	-31.4
Nov-95	-19.5
Dec-95	-12.7
Jan-96	-8.9
Feb-96	-6.1
Mar-96	-0.7
Apr-96	8.2
May-96	-7.1
Jun-96	-19.7
Jul-96	-30.8
Aug-96	-41
Sep-96	-49
Oct-96	-38
Nov-96	-22.2
Dec-96	-48.2
Jan-97	-5.4
Feb-97	-1.4
Mar-97	3.2
Apr-97	-2.1
May-97	-33.2
Jun-97	-52
Jul-97	-66.2
Aug-97	-73.7
Sep-97	-80.7
Oct-97	-65.4

WATER CONSERVATION – SUMMARY – GROUND WATER**GROUND WATER FLUCTUATION:**

Location: Coastal Plain, City of Long Beach

Ground Surface Elevation: 88.8 ft above MSL

STATION	906D
	WS Elev.
Nov-97	-53.5
Dec-97	-36.5
Jan-98	-28
Feb-98	-19.2
Mar-98	-11.4
Apr-98	-6.5
May-98	-15.2
Jun-98	-45.8
Jul-98	-56.5
Aug-98	-71
Sep-98	-74.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
Jul-64	91.8
Aug-64	89
Sep-64	80
Oct-64	75
Nov-64	75.5
Dec-64	84.3
Jan-65	109.2
Feb-65	102.8
Mar-65	105.4
Apr-65	110
May-65	109.6
Jun-65	115.2
Jul-65	114.3
Aug-65	110.4
Sep-65	102
Oct-65	98.5
Nov-65	101.6
Dec-65	104.4
Jan-66	109.2
Feb-66	114.3
Mar-66	116.9
Apr-66	118.1
May-66	120.8
Jun-66	120.8
Jul-66	118.7
Aug-66	112.2
Sep-66	109
Oct-66	112
Nov-66	115.8
Dec-66	115.7
Jan-67	120.9
Feb-67	120.4
Mar-67	120.4
Apr-67	120.4
May-67	123.9
Jun-67	124.3
Jul-67	119.1
Aug-67	112.4

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
Sep-67	106.2
Oct-67	109.8
Nov-67	113.1
Dec-67	114.9
Jan-68	115.9
Feb-68	116.3
Mar-68	114.4
Apr-68	115.3
May-68	114.7
Jun-68	113.5
Jul-68	111.6
Aug-68	108.7
Sep-68	105.9
Oct-68	109.4
Nov-68	113
Dec-68	112
Jan-69	107.2
Feb-69	111
Mar-69	116
Apr-69	120.9
May-69	121.7
Jun-69	120.6
Jul-69	119.7
Aug-69	116.7
Sep-69	112.6
Oct-69	107.9
Nov-69	104.7
Dec-69	109.6
Jan-70	113.8
Feb-70	115.3
Mar-70	119.5
Apr-70	121.7
May-70	117.8
Jun-70	113.8
Jul-70	111.1
Aug-70	106.8
Sep-70	103.9
Oct-70	101.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
Nov-70	106.9
Dec-70	112.5
Jan-71	117
Feb-71	115.9
Mar-71	117.3
Apr-71	117
May-71	113.3
Jun-71	110.7
Jul-71	107.4
Aug-71	106.2
Sep-71	102.6
Oct-71	100.6
Nov-71	100.8
Dec-71	103
Jan-72	107
Feb-72	109.5
Mar-72	105.8
Apr-72	98.7
May-72	94.6
Jun-72	90.1
Jul-72	86.2
Aug-72	80.3
Sep-72	76.3
Oct-72	73.2
Nov-72	71.1
Dec-72	75.8
Jan-73	83
Feb-73	88.7
Mar-73	97.9
Apr-73	103.1
May-73	101.9
Jun-73	104.1
Jul-73	105.5
Aug-73	106.4
Sep-73	107.1
Oct-73	103.7
Nov-73	104.4
Dec-73	106

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
Jan-74	109.3
Feb-74	105.7
Mar-74	108.7
Apr-74	111.7
May-74	112.8
Jun-74	111.8
Jul-74	108.2
Aug-74	105.1
Sep-74	102.6
Oct-74	101.4
Nov-74	99.7
Dec-74	100
Jan-75	101.7
Feb-75	101.7
Mar-75	103.4
Apr-75	105.7
May-75	103.7
Jun-75	104.1
Jul-75	104.8
Aug-75	100.9
Sep-75	96.7
Oct-75	93.4
Nov-75	91.4
Dec-75	90.1
Jan-76	89.3
Feb-76	89.7
Mar-76	95.3
Apr-76	93
May-76	93.6
Jun-76	84.3
Jul-76	88.3
Aug-76	85.5
Sep-76	77.9
Oct-76	77.7
Nov-76	74.1
Dec-76	69.8
Jan-77	69.2
Feb-77	79.8

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
Mar-77	89
Apr-77	87.6
May-77	81.7
Jun-77	80.2
Jul-77	74.9
Aug-77	70.2
Sep-77	67.1
Oct-77	64.5
Nov-77	61.7
Dec-77	59
Jan-78	65.2
Feb-78	81.7
Mar-78	91.8
Apr-78	96.8
May-78	101.5
Jun-78	103.4
Jul-78	101.2
Aug-78	101.4
Sep-78	101.1
Oct-78	102.8
Nov-78	104.6
Dec-78	107.8
Jan-79	111.4
Feb-79	114.4
Mar-79	115.3
Apr-79	116.4
May-79	113.5
Jun-79	114.5
Jul-79	111.4
Aug-79	112
Sep-79	113.1
Oct-79	113.7
Nov-79	112.7
Dec-79	114.1
Jan-80	113.4
Feb-80	117.4
Mar-80	119.9
Apr-80	123

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
May-80	122.5
Jun-80	121.3
Jul-80	119
Aug-80	113.6
Sep-80	108.8
Oct-80	107
Nov-80	109
Dec-80	112
Jan-81	114.2
Feb-81	115.1
Mar-81	115.9
Apr-81	116.4
May-81	115.5
Jun-81	114.2
Jul-81	111.6
Aug-81	110.5
Sep-81	110.8
Oct-81	110.6
Nov-81	109
Dec-81	108.6
Jan-82	111.2
Feb-82	114.5
Mar-82	115.1
Apr-82	117.3
May-82	115
Jun-82	110.4
Jul-82	107.9
Aug-82	104.7
Sep-82	100.3
Oct-82	103.1
Nov-82	108.3
Dec-82	113.6
Jan-83	115.3
Feb-83	117
Mar-83	120.4
Apr-83	123.5
May-83	124.5
Jun-83	122.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
Jul-83	122.4
Aug-83	122.5
Sep-83	117.6
Oct-83	116.1
Nov-83	121.1
Dec-83	122.7
Jan-84	123.7
Feb-84	120.5
Mar-84	116
Apr-84	117.6
May-84	120.9
Jun-84	121.6
Jul-84	120.2
Aug-84	114.2
Sep-84	109.4
Oct-84	104.5
Nov-84	99.8
Jan-85	113.4
Feb-85	113.4
May-85	119.3
Jun-85	119.2
Jul-85	117.8
Aug-85	110.2
Sep-85	104.6
Oct-85	99.5
Nov-85	95.9
Dec-85	97.6
Jan-86	98.1
Feb-86	101.7
Mar-86	111.2
Apr-86	115.9
May-86	117.8
Jun-86	119.2
Jul-86	113.7
Aug-86	105.8
Sep-86	102
Oct-86	100.8
Nov-86	98.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
Dec-86	99.5
Jan-87	105.3
Feb-87	108.6
Mar-87	111
Apr-87	111.5
May-87	110.8
Jun-87	108.1
Jul-87	101.1
Aug-87	98.2
Sep-87	96.5
Oct-87	98.2
Nov-87	99.5
Dec-87	102.5
Jan-88	101.8
Feb-88	98.9
Mar-88	97.7
Apr-88	97.8
May-88	101.6
Jun-88	105.7
Jul-88	106.7
Aug-88	101.7
Sep-88	94.1
Oct-88	91.1
Nov-88	89
Dec-88	89.6
Jan-89	98.3
Feb-89	103.3
Mar-89	106.4
Apr-89	108.4
May-89	109.5
Jun-89	107.8
Jul-89	106.8
Aug-89	103.7
Sep-89	99.4
Oct-89	95.2
Nov-89	93.1
Dec-89	96.4
Jan-90	96.4

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
Feb-90	100.2
Mar-90	106.6
Apr-90	110.4
May-90	113.9
Jun-90	113
Jul-90	112.7
Aug-90	107.7
Sep-90	103.8
Oct-90	104.5
Nov-90	105.2
Dec-90	104
Jan-91	102
Feb-91	107.2
Mar-91	106.1
Apr-91	120.8
May-91	113.8
Jun-91	110.5
Jul-91	107.1
Aug-91	107.2
Sep-91	109.1
Oct-91	111.4
Nov-91	115
Dec-91	115.6
Jan-92	116
Feb-92	115.7
Mar-92	119.7
Apr-92	121.1
May-92	118.7
Jun-92	115.7
Jul-92	116.8
Aug-92	118.6
Sep-92	114.8
Oct-92	111.7
Nov-92	115.7
Dec-92	116
Jan-93	121.1
Feb-93	125.3
Mar-93	125.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
Apr-93	129.2
May-93	127.3
Jun-93	123.5
Jul-93	123.7
Aug-93	123
Sep-93	123
Oct-93	120.4
Nov-93	120.7
Dec-93	121.6
Jan-94	124.5
Feb-94	124.3
Mar-94	126.6
Apr-94	127
May-94	126
Jun-94	126.3
Jul-94	126
Aug-94	121.9
Sep-94	115.2
Oct-94	110
Nov-94	110.5
Dec-94	113.1
Jan-95	117
Feb-95	124.8
Mar-95	126.9
Apr-95	129.5
May-95	128.6
Jun-95	126.9
Jul-95	125.7
Aug-95	121.8
Sep-95	116.3
Oct-95	111.8
Nov-95	113
Dec-95	113.7
Jan-96	115.9
Feb-96	119.7
Mar-96	126.1
Apr-96	128.5
May-96	128

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Central Basin****Ground Surface Elevation: 159.7 ft above MSL**

STATION	1601T
	WS Elev.
Jun-96	124.4
Jul-96	125.9
Aug-96	123.2
Sep-96	119.7
Oct-96	119.2
Nov-96	116.7
Dec-96	117.9
Jan-97	117
Feb-97	129.8
Mar-97	127.9
Apr-97	125.5
May-97	127.1
Jun-97	125.2
Jul-97	124.8
Aug-97	123.1
Sep-97	118
Oct-97	115.7
Nov-97	112.7
Dec-97	113.2
Jan-98	117.5
Feb-98	122.6
Mar-98	127.2
Apr-98	129.2
May-98	129.1
Jun-98	127.3
Jul-98	126.1
Aug-98	123.3
Sep-98	119.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Main San Gabriel Basin

Ground Surface Elevation: 245.0 ft above MSL

STATION	2955X	2965C
	WS Elev.	WS Elev.
Jan-61	209.9	
Feb-61	210.5	
Mar-61	210.1	
Apr-61	210.5	
May-61	209.7	
Jun-61	208.5	
Jul-61	207.8	
Aug-61	204.9	
Sep-61	204.3	
Oct-61	205.2	
Nov-61	205.9	
Dec-61	206.1	
Jan-62	208	
Feb-62	208.5	
Mar-62	209.9	
Apr-62	210.7	
May-62	211.2	
Jun-62	210.3	
Jul-62	210	
Aug-62	209.1	
Sep-62	209.2	
Oct-62	209.5	
Nov-62	209.2	
Dec-62	209.3	
Jan-63	209.9	
Feb-63	209.8	
Mar-63	209.8	
Apr-63	209.9	
May-63	208.4	
Jun-63	207.5	
Jul-63	206.5	
Aug-63	203.4	
Sep-63	202.4	
Oct-63	201.8	
Nov-63	203.3	
Dec-63	204.3	
Jan-64	204.6	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Main San Gabriel Basin

Ground Surface Elevation: 245.0 ft above MSL

STATION	2955X	2965C
	WS Elev.	WS Elev.
Feb-64	203.6	
Mar-64	202.9	
Apr-64	201.3	
Jul-64	199.8	
Aug-64	198.2	
Sep-64	195.9	
Oct-64	195.1	
Nov-64	197.4	
Dec-64	194.2	
Jan-65	199.1	
Feb-65	198.4	
Mar-65	199.1	
Apr-65	200.2	
May-65	200.3	
Jun-65	199.5	
Jul-65	199.4	
Aug-65	196.8	
Sep-65	195.1	
Oct-65	194	
Nov-65	194	
Dec-65	196.2	
Jan-66	202.1	
Feb-66	202.4	
Mar-66	205.4	
Apr-66	206.6	
May-66	207.3	
Jun-66	209.2	
Jul-66	206.4	
Aug-66	205.4	
Sep-66	204.6	
Oct-66	206.5	
Nov-66	206.3	
Dec-66	207.1	
Jan-67	208.5	
Feb-67	209.4	
Mar-67	210.2	
Apr-67	211.8	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Main San Gabriel Basin

Ground Surface Elevation: 245.0 ft above MSL

STATION	2955X	2965C
	WS Elev.	WS Elev.
May-67	212.5	
Jun-67	213.6	
Jul-67	213.8	
Aug-67	213.9	
Sep-67	213.9	
Oct-67	213.8	
Nov-67	215.1	
Dec-67	215.6	
Jan-68	216.8	
Feb-68	217.8	
Mar-68	217.9	
Apr-68	217.8	
May-68	217.6	
Jun-68	217.4	
Jul-68	217.3	
Aug-68	216	
Sep-68	215.7	
Oct-68	215.4	
Nov-68	215.8	
Dec-68	215.3	
Jan-69	215.2	
Feb-69	217.6	
Mar-69	217.8	
Apr-69	218.8	
May-69	218.6	
Jun-69	218.9	
Jul-69	219.1	
Aug-69	218.9	
Sep-69	218	
Oct-69	218.3	
Nov-69	218.7	
Dec-69	218.5	
Jan-70	218.7	
Feb-70	218.5	
Mar-70	218.6	
Apr-70	218.3	
May-70	218	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Main San Gabriel Basin****Ground Surface Elevation: 245.0 ft above MSL**

STATION	2955X	2965C
	WS Elev.	WS Elev.
Jul-70	217.1	
Aug-70	215.5	
Sep-70	215	
Oct-70	213.8	
Nov-70	213.2	
Dec-70	213.7	
Jan-71	213.9	
Feb-71	213.6	
Mar-71	213.7	
Apr-71	213.5	
May-71	214.6	
Jun-71	214.7	
Jul-71	214.4	
Aug-71	212.8	
Oct-71	207.1	
Nov-71	211.4	
Dec-71	211.3	
Jan-72	211.7	
Feb-72	212.8	
Mar-72	212.2	
Apr-72	210	
May-72	209.6	
Jun-72	208.1	
Jul-72	206.3	
Aug-72	206.7	
Sep-72	204.3	
Oct-72	202.9	
Nov-72	202.9	
Dec-72	204.5	
Jan-73	204.7	
Feb-73	205.7	
Mar-73	206.1	
Apr-73	206.6	
May-73	207.4	
Jun-73	207.8	
Jul-73	207.5	
Aug-73	207.5	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Main San Gabriel Basin****Ground Surface Elevation: 245.0 ft above MSL**

STATION	2955X	2965C
	WS Elev.	WS Elev.
Sep-73	207.2	
Oct-73	207.5	
Nov-73	206.7	
Dec-73	207.9	
Jan-74	207.8	
Feb-74	208.5	
Mar-74	208.5	
Apr-74	208.4	
May-74	208	
Jun-74	207.3	
Jul-74	206.5	
Aug-74	205.7	
Sep-74	205.4	
Oct-74	205.2	
Nov-74	205.2	
Dec-74	205	
Jan-75	205.2	
Feb-75	205	
Mar-75	205.3	
Apr-75	205	
May-75	204.2	
Jun-75	204.5	
Jul-75	204.2	
Aug-75	202.7	
Sep-75	201.8	
Oct-75	200.9	
Nov-75	200.6	
Dec-75	199.8	
Jan-76	200	
Feb-76	199.9	
Mar-76	200.2	
Apr-76	199.9	
May-76	199.1	
Jun-76	198.3	
Jul-76	198.1	
Aug-76	197	
Sep-76	194.8	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Main San Gabriel Basin

Ground Surface Elevation: 245.0 ft above MSL

STATION	2955X	2965C
	WS Elev.	WS Elev.
Oct-76	194.5	
Nov-76	193.9	
Dec-76	193.4	
Jan-77	193.5	
Feb-77	194.1	
Mar-77	194.4	
Apr-77	194	
May-77	193	
Jun-77	192.5	
Jul-77	191.4	
Aug-77	188.9	
Sep-77	188.5	
Oct-77	187.1	
Nov-77	186.3	
Dec-77	185.6	
Jan-78	186.6	
Feb-78	191.3	
Mar-78	194.9	
Apr-78	199.9	
May-78	201.2	
Jun-78	202.7	
Jul-78	203.8	
Aug-78	204.5	
Sep-78	205.6	
Oct-78	206.1	
Nov-78	207.2	
Dec-78	207.9	
Jan-79	209.2	
Feb-79	209.9	
Mar-79	210.8	
Jul-79	211.4	
Sep-79	211.1	
Oct-79	211.2	
Nov-79	211.4	
Dec-79	211.1	
Jan-80	211.6	
Feb-80	213.5	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Main San Gabriel Basin****Ground Surface Elevation: 245.0 ft above MSL**

STATION	2955X	2965C
	WS Elev.	WS Elev.
Mar-80	214.5	
Apr-80	214.4	
May-80	214.8	
Jun-80	214.9	
Jul-80	214.6	
Aug-80	214.5	
Sep-80	214.5	
Oct-80	214.6	
Nov-80	214.8	
Dec-80	214.9	
Jan-81	214.9	
Feb-81	215.1	
Mar-81	215.5	
Apr-81	214.9	
May-81	212.7	
Jun-81	213.5	
Jul-81	213.2	
Aug-81	211.8	
Sep-81	212.1	
Jan-82	210.3	
Apr-82	210.7	
May-82	210.4	
Aug-82	208.7	
Sep-82	208.4	
Oct-82	208.1	
Nov-82	208.5	
Dec-82	209.2	
Jan-83	209.5	
Feb-83	210.8	
Mar-83	212.7	
Apr-83	213.5	
May-83	214.3	
Jun-83	214.4	
Jul-83	215	
Aug-83	215.1	
Sep-83	215.7	
Oct-83	216.2	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Main San Gabriel Basin

Ground Surface Elevation: 245.0 ft above MSL

STATION	2955X	2965C
	WS Elev.	WS Elev.
Nov-83	216.9	
Dec-83	217.3	
Jan-84	217.6	
Feb-84	217.6	
Mar-84	217.3	
Apr-84	217.3	
May-84	216.5	
Jun-84	216	
Jul-84	215.6	
Aug-84	214.2	
Sep-84	213.7	
Oct-84	212.5	
Nov-84	213.1	
Dec-84	213.5	
Jan-85	213.6	
Feb-85	213.5	
Jun-85	211.7	
Jul-85	210.1	
Aug-85	209.2	
Sep-85	207.9	
Oct-85	207.7	
Nov-85	207.3	
Dec-85	208	
Jan-86	207.8	
Feb-86	208	
Mar-86	209.5	
Apr-86	209.8	
May-86	209.3	
Jun-86	209	
Jul-86	207.6	
Aug-86	206.1	
Sep-86	205.9	
Oct-86	204	
Nov-86	204.4	
Dec-86	204.5	
Jan-87	204.7	217.5
Feb-87	204.6	217.5

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : Main San Gabriel Basin****Ground Surface Elevation: 245.0 ft above MSL**

STATION	2955X	2965C
	WS Elev.	WS Elev.
Mar-87	204.5	217.8
Apr-87	204.4	217.7
May-87	203.1	217
Jun-87	202.8	216.8
Jul-87	204.3	215.9
Aug-87	203.3	215.2
Sep-87	202.5	214.5
Oct-87	201.3	213.4
Nov-87	202.6	213.5
Dec-87	202.5	213.4
Jan-88	202.5	213.1
Feb-88	196.8	212.9
Mar-88	200.2	212.9
Apr-88	199.9	212.6
May-88	197.3	212.8
Jun-88	200.7	212.6
Jul-88	200.5	211.6
Aug-88	199	210.5
Sep-88	196.7	209
Oct-88	196.1	207.9
Nov-88	188.2	207
Dec-88	190.3	206.9
Jan-89	198.2	207.7
Jul-89		207.4
Aug-89	200.5	213.1
Sep-89		203
Nov-89	192.7	201.4
Dec-89	193.3	201.9
Jan-90	195.5	200.4
Feb-90	197.6	197.1
Mar-90	204.7	197
Apr-90	188.4	
May-90	190.8	199.5
Jun-90	191.4	
Nov-90		199.4
Apr-92		201
Mar-93		219.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Main San Gabriel Basin

Ground Surface Elevation: 245.0 ft above MSL

STATION	2955X	2965C
	WS Elev.	WS Elev.
Sep-93		220
Apr-94		222.3
Oct-94		217.8
Apr-95		220.2
Apr-96		223.3
Oct-96		220
May-97		220.1
Oct-97		215.4
Apr-98		219
Oct-98		220.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Main San Gabriel Basin, Baldwin Park****Ground Surface Elevation: 386.7 ft above MSL**

STATION	3030F
	WS Elev.
Jan-60	250.4
Feb-60	250.8
Mar-60	251
Apr-60	250.4
May-60	248.9
Jun-60	247.3
Jul-60	244.8
Aug-60	241.4
Sep-60	239
Oct-60	235.8
Nov-60	236.1
Dec-60	236.7
Jan-61	236.7
Feb-61	236.5
Mar-61	236.5
Apr-61	236.1
May-61	235.1
Jun-61	233.6
Jul-61	231.4
Aug-61	228.9
Sep-61	226.6
Oct-61	225
Nov-61	224.1
Dec-61	224.2
Jan-62	225.3
Feb-62	225.4
Mar-62	233.6
Apr-62	245
May-62	243.7
Jun-62	242.1
Jul-62	240.1
Aug-62	239.2
Sep-62	240.4
Oct-62	238.8
Nov-62	238.3
Dec-62	238
Jan-63	237.6
Feb-63	236.5

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Main San Gabriel Basin, Baldwin Park****Ground Surface Elevation: 386.7 ft above MSL**

STATION	3030F
	WS Elev.
Mar-63	236
Apr-63	235.4
May-63	233.6
Jun-63	233
Jul-63	228.1
Aug-63	225
Sep-63	223.7
Oct-63	223.2
Nov-63	223.7
Dec-63	223.7
Jan-64	223.6
Feb-64	222.9
Mar-64	222.3
Apr-64	221.6
May-64	220.3
Jun-64	219.2
Jul-64	217.4
Aug-64	215.6
Sep-64	213.8
Oct-64	212.2
Nov-64	211.2
Dec-64	211.6
Jan-65	212
Feb-65	212.1
Mar-65	212
Apr-65	212.6
May-65	222.9
Jun-65	211.7
Jul-65	211.9
Aug-65	211.8
Sep-65	209.8
Oct-65	209.2
Nov-65	209.2
Dec-65	211.3
Jan-66	233.6
Feb-66	251.5
Mar-66	252.5
Apr-66	254.7

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Main San Gabriel Basin, Baldwin Park****Ground Surface Elevation: 386.7 ft above MSL**

STATION	3030F
	WS Elev.
May-66	252.8
Jun-66	248.9
Jul-66	245.4
Aug-66	240.5
Sep-66	236
Oct-66	233.3
Nov-66	231.6
Dec-66	231.6
Jan-67	247.4
Feb-67	249.3
Mar-67	260
Apr-67	266.8
May-67	274.8
Jun-67	284.7
Jul-67	287.7
Aug-67	284.9
Sep-67	280.6
Oct-67	276.8
Nov-67	275.3
Dec-67	274.7
Jan-68	277
Feb-68	276.4
Mar-68	275.7
Apr-68	274.9
May-68	273.7
Jun-68	271
Jul-68	268
Aug-68	264.6
Sep-68	260.4
Oct-68	258.5
Nov-68	256.9
Dec-68	256.3
Jan-69	256.6
Feb-69	260.4
Mar-69	278.3
Apr-69	293.9
May-69	300.3
Jun-69	301.8

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Main San Gabriel Basin, Baldwin Park****Ground Surface Elevation: 386.7 ft above MSL**

STATION	3030F
	WS Elev.
Jul-69	298.6
Aug-69	293.3
Sep-69	288.5
Oct-69	284.1
Nov-69	280.2
Dec-69	278
Jan-70	276
Feb-70	274.5
Mar-70	273.3
Apr-70	277.4
May-70	277.7
Jun-70	274.2
Jul-70	270.8
Aug-70	266.7
Sep-70	263.2
Oct-70	260.1
Nov-70	258
Dec-70	256.6
Jan-71	257.1
Feb-71	261.3
Mar-71	262.9
Apr-71	261.6
May-71	259.6
Jun-71	257.7
Jul-71	255
Aug-71	251.5
Sep-71	248.1
Oct-71	245.2
Nov-71	243.6
Dec-71	242.8
Jan-72	242.1
Feb-72	243.2
Mar-72	243.1
Apr-72	242.2
May-72	240.3
Jun-72	237.9
Jul-72	234.7
Aug-72	230.9

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:**Location: Main San Gabriel Basin, Baldwin Park****Ground Surface Elevation: 386.7 ft above MSL**

STATION	3030F
	WS Elev.
Sep-72	228.1
Oct-72	226.1
Nov-72	224.9
Dec-72	225.3
Jan-73	226.7
Feb-73	226.3
Mar-73	229.7
Apr-73	244.7
May-73	250.3
Jun-73	250.8
Jul-73	247.4
Aug-73	243.6
Sep-73	239.3
Oct-73	236.9
Nov-73	235
Dec-73	234.7
Jan-74	234.8
Feb-74	237
Mar-74	240.7
Apr-74	240.6
May-74	240
Jun-74	238.7
Jul-74	238.5
Aug-74	237.1
Sep-74	235.6
Oct-74	233.5
Nov-74	231.8
Dec-74	230.6
Jan-75	230.2
Feb-75	229.3
Mar-75	228.6
Apr-75	228.8
May-75	230.2
Jun-75	232.6
Jul-75	234.8
Aug-75	231.5
Sep-75	227.5
Oct-75	224.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Main San Gabriel Basin, Baldwin Park****Ground Surface Elevation: 386.7 ft above MSL**

STATION	3030F
	WS Elev.
Nov-75	224.5
Dec-75	223.7
Jan-76	224.7
Feb-76	223.2
Mar-76	222.6
Apr-76	225.9
May-76	226.1
Jun-76	223.4
Jul-76	220.2
Aug-76	217.2
Sep-76	214.7
Oct-76	214
Nov-76	214
Dec-76	213.8
Jan-77	212.5
Feb-77	213.8
Mar-77	215.5
Apr-77	214.5
May-77	212.8
Jun-77	212.3
Jul-77	211
Aug-77	208.6
Sep-77	207
Oct-77	205.7
Nov-77	204.9
Dec-77	203.7
Jan-78	203.7
Feb-78	210
Mar-78	229.7
Apr-78	244.9
May-78	254.5
Jun-78	262.5
Jul-78	270.4
Aug-78	266.9
Sep-78	260.9
Oct-78	258.6
Nov-78	256.1
Dec-78	255.5

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:**Location: Main San Gabriel Basin, Baldwin Park****Ground Surface Elevation: 386.7 ft above MSL**

STATION	3030F
	WS Elev.
Jan-79	253.8
Feb-79	256.3
Mar-79	257.8
Apr-79	262.2
May-79	267.2
Jun-79	268.6
Jul-79	266
Aug-79	262
Sep-79	257.7
Oct-79	254
Nov-79	251.6
Dec-79	250.5
Jan-80	249.9
Feb-80	249.3
Mar-80	255.7
Apr-80	267
May-80	278
Jun-80	284.9
Jul-80	281.6
Aug-80	276.7
Sep-80	272
Oct-80	268.6
Nov-80	265.2
Dec-80	263.1
Jan-81	262.7
Feb-81	261.5
Mar-81	260.4
Apr-81	259.5
May-81	257.7
Jun-81	255.3
Jul-81	251.9
Aug-81	248.2
Sep-81	245.3
Oct-81	242.8
Nov-81	241.7
Dec-81	241.3
Jan-82	242.4
Feb-82	244.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Main San Gabriel Basin, Baldwin Park

Ground Surface Elevation: 386.7 ft above MSL

STATION	3030F
	WS Elev.
Mar-82	247.2
Apr-82	249.7
May-82	249.1
Jun-82	247.5
Jul-82	245.1
Aug-82	243.6
Sep-82	241.2
Oct-82	240.5
Nov-82	245.6
Dec-82	249.9
Jan-83	252.3
Feb-83	253.2
Mar-83	256.8
Apr-83	271.4
May-83	279.8
Jun-83	286.9
Jul-83	293.9
Aug-83	293.8
Sep-83	288.3
Oct-83	283.2
Nov-83	280.9
Dec-83	282.5
Jan-84	280.9
Feb-84	281.9
Mar-84	279.8
Apr-84	276.6
May-84	273.7
Jun-84	270
Jul-84	266.4
Aug-84	262.4
Sep-84	258.7
Oct-84	254
Nov-84	253.5
Dec-84	252.7
Jan-85	252.4
Feb-85	254.4
Mar-85	252.9
Apr-85	251.5

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Main San Gabriel Basin, Baldwin Park

Ground Surface Elevation: 386.7 ft above MSL

STATION	3030F
	WS Elev.
May-85	250.1
Jun-85	248
Jul-85	245.3
Aug-85	242.1
Sep-85	239.1
Oct-85	237.5
Nov-85	238.7
Dec-85	242.2
Jan-86	245.4
Feb-86	247.1
Mar-86	247.7
Apr-86	252.9
May-86	253.9
Jun-86	252.8
Jul-86	250.2
Aug-86	247.2
Sep-86	243.3
Oct-86	240.7
Nov-86	239
Dec-86	237.4
Jan-87	239
Feb-87	239.8
Mar-87	240.7
Apr-87	241.5
May-87	241
Jun-87	238.2
Jul-87	235.9
Aug-87	232.6
Sep-87	229.9
Oct-87	227.8
Nov-87	226.8
Dec-87	226.9
Jan-88	227.8
Feb-88	230.1
Mar-88	232.5
Apr-88	230.7
May-88	228.7
Jun-88	226.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Main San Gabriel Basin, Baldwin Park

Ground Surface Elevation: 386.7 ft above MSL

STATION	3030F
	WS Elev.
Jul-88	223.7
Aug-88	221.9
Sep-88	219.4
Oct-88	217.7
Nov-88	216.7
Dec-88	216.2
Jan-89	218.7
Feb-89	223.6
Mar-89	225.5
Apr-89	224.1
May-89	222.3
Jun-89	225.9
Jul-89	221.4
Aug-89	218.9
Sep-89	210.2
Oct-89	211.2
Nov-89	210.4
Dec-89	209.5
Jan-90	208.8
Feb-90	207.9
Mar-90	207.7
Apr-90	207.8
May-90	209.5
Jun-90	208.3
Jul-90	205.7
Aug-90	203.5
Sep-90	201
Oct-90	191.7
Nov-90	199.8
Dec-90	200.5
Jan-91	199.8
Feb-91	198.5
Mar-91	196.7
Apr-91	198.4
May-91	200.7
Jun-91	200.7
Jul-91	198
Aug-91	199.7

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Main San Gabriel Basin, Baldwin Park****Ground Surface Elevation: 386.7 ft above MSL**

STATION	3030F
	WS Elev.
Sep-91	212.4
Oct-91	206.3
Nov-91	209.3
Dec-91	209.9
Jan-92	210.5
Feb-92	210.9
Mar-92	215.8
Apr-92	226.1
May-92	233
Jun-92	233.5
Jul-92	237.5
Aug-92	238.1
Sep-92	235.5
Oct-92	232.1
Nov-92	230.7
Dec-92	231.5
93-JAN	238.5
Feb-93	246
Mar-93	254.8
Apr-93	263.4
May-93	269.3
Jun-93	271.3
Jul-93	266.8
Aug-93	263.6
Sep-93	259.7
Oct-93	259
Nov-93	259
Dec-93	257.1
Jan-94	255.4
Feb-94	253.2
Mar-94	251.4
Apr-94	249.3
May-94	247.8
Jun-94	249
JUL-94.	248.1
Aug-94	245.2
Sep-94	241.8
Oct-94	238.5

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Main San Gabriel Basin, Baldwin Park****Ground Surface Elevation: 386.7 ft above MSL**

STATION	3030F
	WS Elev.
Nov-94	237
Dec-94	235.4
Jan-95	235.4
Feb-95	238.1
Mar-95	248.3
Apr-95	264.2
May-95	270.1
Jun-95	271.1
JUL-945	267.8
Aug-95	265.7
Sep-95	263
Oct-95	257.1
Nov-95	257.4
Dec-95	255.9
Jan-96	253.5
Feb-96	252.8
Mar-96	250.1
Apr-96	249.9
May-96	248.2
Jun-96	249.2
Jul-96	248.4
Aug-96	247.3
Sep-96	248
Oct-96	249.4
Nov-96	248.4
Dec-96	246.5
Jan-97	246.2
Feb-97	248.6
Mar-97	250.9
Apr-97	248.1
May-97	245.7
Jun-97	242.6
Jul-97	240.5
Aug-97	238.9
Sep-97	239.6
Oct-97	238.6
Nov-97	238.3
Dec-97	241.4

WATER CONSERVATION – SUMMARY – GROUND WATER**GROUND WATER FLUCTUATION:****Location: Main San Gabriel Basin, Baldwin Park****Ground Surface Elevation: 386.7 ft above MSL**

STATION	3030F
	WS Elev.
Jan-98	240.8
Feb-98	241.4
Mar-98	245.8
Apr-98	251.7
May-98	259
Jun-98	265.2
Jul-98	267.6
Aug-98	266.1
Sep-98	264.8

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Pomona Basin

Ground Surface Elevation: 999.4 ft above MSL

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Jan-55	761.6		
Feb-55	766.2		
Mar-55	768.5		
Apr-55	763.9		
May-55	770.8		
Jun-55	770.8		
Jul-55	756.9		
Aug-55	725.8		
Sep-55	720		
Oct-55	738.5		
Nov-55	717.7		
Dec-55	754.6		
Jan-56	754.6		
Feb-56	756.9		
Mar-56	759.3		
Apr-56	759.3		
May-56	763.9		
Jun-56	763.9		
Jul-56	745.4		
Aug-56	731.5		
Sep-56	740.7		
Feb-57	746		
Mar-57	739.3		
Apr-57	746.2		
May-57	753.2		
Jun-57	750.9		
Jul-57	711.6		
Aug-57	689.7		
Sep-57	676		
Oct-57	711.6		
Nov-57	714		
Jan-58		663.1	
Feb-58	706.3	665.6	
Mar-58	716.9	664.4	
Apr-58	718	665.6	
May-58	631.4	640.2	
Jun-58	690.3	628.6	
Jul-58	682.3	647.1	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Pomona Basin****Ground Surface Elevation: 999.4 ft above MSL**

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Aug-58	686.9	644.8	
Sep-58	654.6	646	
Oct-58	652.3	643.6	
Nov-58	686.9	644.8	
Dec-58	690.3	646	
Jan-59	691.5	646	
Feb-59	685.7	695.6	
Mar-59	698.4	702.6	
Apr-59	707.7	702.6	
May-59	694.9	650.6	
Jun-59	690.3	647.1	
Jul-59	686.9	637.9	
Aug-59	675.3	663.3	
Sep-59	670.7	629.8	
Oct-59		624	
Nov-59	662.6	628.6	
Dec-59	669.6	626.3	
Jan-60	670.7	624	
Feb-60	674.2	627.5	
Mar-60	673	628.6	
Apr-60	673	626.3	
May-60	670.7	617.1	
Jun-60	676.1	624	
Jul-60	662.6	617.9	
Aug-60	637.2	607.9	
Sep-60	644.1	603.2	
Oct-60	641.8	606.7	
Nov-60	643	610.2	
Dec-60	663.8	663.3	
Jan-61	656.8	620.6	
Feb-61	675.3	672.5	
Mar-61	675.9	677.2	
Apr-61	682.3	679.5	
May-61	662.6		
Jun-61	655.7		
Jul-61	604.9	606.3	
Aug-61	624.5	621.3	
Sep-61	617.6	578.6	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Pomona Basin****Ground Surface Elevation: 999.4 ft above MSL**

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Oct-61	623.3		
Nov-61	622.2		
Dec-61	629.1		
Jan-62	643	645.6	
Feb-62	646.5	643.3	
Mar-62	650	650.2	
Apr-62	652.3	652.5	
May-62	643		
Jun-62	640.8		
Jul-62	637.3	590.2	
Aug-62	640.8	622.5	
Sep-62	626.9	579.8	
Oct-62	632.7	585.6	
Nov-62	629.2	578.7	
Dec-62	629.2	574	
Jan-63	630.4	578.7	
Feb-63	629.2	630.6	
Mar-63	632.7	569.4	
Apr-63	623.5	576.4	
May-63	626.9	572.9	
Jun-63	628.1	613.3	
Jul-63	570.3	563.6	
Aug-63	608.4	601.7	
Sep-63	600.3	601.7	
Oct-63	548.3	555.5	
Nov-63	593.4	558	
Dec-63	609.6	556.9	
Jan-64	608.4	565.9	
Feb-64	620	619	
Mar-64	615.3	569.4	
Apr-64	608.4	562.5	
May-64	613	567.1	
Jun-64	606.1		
Jul-64	548.3	553.2	
Aug-64	584.1	550.9	
Sep-64	588.7	604.3	
Oct-64	583	539.6	
Nov-64	583	593.9	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Pomona Basin****Ground Surface Elevation: 999.4 ft above MSL**

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Dec-64	593.4	597.4	
Jan-65	588.7	532.7	
Feb-65	588.7	522.3	
Mar-65	583	528.1	
Apr-65	585.3	533.8	
May-65	583	527	
Jun-65	537.9	521	
Jul-65	578.4	528.1	
Aug-65		517.7	
Sep-65	559.9	513.1	
Oct-65	571.4	520	
Nov-65	571.5		
Dec-65	574.9	575.3	
Jan-66		517.7	
Feb-66	581.8	580	
Mar-66	578.4	515.4	
Apr-66		517.7	
Jun-66	564.6		
Jul-66	551.9		
Aug-66	541.5		
Sep-66	541.5		
Oct-66	546.1		
Nov-66	548.5	510.7	
Jan-67	553.1	499.2	
Feb-67	557.7	506.1	
Mar-67	549.6	499.2	
Apr-67	550.8	499.2	
May-67	550.8	499.2	
Jun-67	553.1	561.6	
Jul-67	543.8	496.9	
Aug-67	541.5	480.7	
Sep-67	536.9	477.2	
Oct-67	541.5	556.9	
Nov-67	553.1	492.3	
Dec-67	560		
Jan-68	566.9	495.7	
Feb-68	557.7	492.3	
Mar-68	560	496.9	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Pomona Basin****Ground Surface Elevation: 999.4 ft above MSL**

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Apr-68	560	496.9	
May-68	562.3	490	
Jun-68	487.1	473.8	
Jul-68	549.6	555.9	
Aug-68	536.9		
Sep-68	535.7		
Oct-68	553.1		
Nov-68	546.1	501.6	
Dec-68	555.4	500.4	
Jan-69		493.5	
Feb-69	553.1	490	
Mar-69	557.7	565.1	
Apr-69	557.7	559.3	
May-69	472.2	490	
Jun-69	543.8	479.6	
Jul-69	553.1	480.8	
Aug-69	546.1	478.5	
Sep-69	430.6	446.1	
Oct-69	533.4	470.4	
Nov-69	541.5	473.8	
Dec-69	551.9	552.4	
Jan-70	554.2	543.1	
Feb-70	557.7	550.1	
Mar-70	564.6	555.8	
Apr-70	571.6	550.1	
May-70	574	488.8	
Jun-70	586	554.7	
Jul-70	590.7	575.5	
Aug-70	590.7	492.3	
Sep-70	597.7	495.8	
Oct-70	602.3	495.8	
Nov-70	608	498.6	
Dec-70	612.7	573.2	
Jan-71	623.1	588.2	
Feb-71	620.8	598.6	
Mar-71	635.8	605.5	
Apr-71	642.7	619.9	
May-71	643.9	533.9	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Pomona Basin****Ground Surface Elevation: 999.4 ft above MSL**

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Jun-71	648.5	533.9	
Jul-71	646.2	527	
Aug-71	650.8	525.8	
Sep-71	650.8	569.1	
Oct-71	655.4	525.8	
Nov-71	655.5	524.7	
Dec-71	657.7	605.5	
Jan-72	657.7	525.8	
Feb-72	662.4	626.3	
Mar-72		536.2	
Apr-72	649.6	614.8	
May-72		531.6	
Jun-72		528.1	
Jul-72	669.5	515.4	
Aug-72		510.8	
Sep-72		501.6	
Oct-72		496.9	
Nov-72		500.4	
Dec-72	620.8	587	
Jan-73	628	591.7	
Feb-73	628	510.8	
Mar-73	620	591.7	
Apr-73	634	600.9	
May-73	593.1	605.5	
Jun-73	574.6	502.7	
Jul-73	567.9	499.3	
Aug-73	556.1	490.1	
Sep-73	542.3	487.7	
Oct-73	551.5	490	
Nov-73	537.7	475	
Dec-73	580.4	570.9	
Jan-74	605.8	486.6	
Feb-74	616.2	479.6	
Mar-74	613.9	477.3	
Apr-74	627.8	487.7	
May-74	625.4	488.9	
Jun-74	593.1		
Jul-74	548.1	477.3	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Pomona Basin

Ground Surface Elevation: 999.4 ft above MSL

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Aug-74	537.7	471.5	
Sep-74	530.7	466.9	
Oct-74		461.1	
Nov-74	557.3	458.8	
Dec-74	585	559.3	
Jan-75	614	579	
Feb-75	619	600.9	
Mar-75	628.9	607.8	
Apr-75	637	614.8	
May-75	641.6	619.4	
Jun-75	632.4	610.1	
Jul-75	576.9	600.9	
Aug-75	553.8	503.9	
Sep-75	540	494.6	
Oct-75	573.5	478.5	
Nov-75	595.4	590.5	
Dec-75	607	600.9	
Jan-76	616.2	603.2	
Feb-76	623.2	605.5	
Mar-76	632.4	617.1	
Apr-76	634.7	619.4	
May-76	641.7	621.7	
Jun-76	572.3	515.4	
Jul-76	553.8	506.2	
Aug-76		567.4	
Sep-76	567.7	570.9	
Oct-76	593.2	587	
Nov-76	602.4	589.4	
Dec-76	608.1	607.8	
Jan-77	604.7	605.5	
Feb-77		610.1	
Mar-77	613.9	617.1	
Apr-77	630.1	617.1	
May-77	570.8	592.8	
Jun-77	579.2	596.3	
Jul-77	559.6		
Aug-77	544.5		
Sep-77	540		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Pomona Basin****Ground Surface Elevation: 999.4 ft above MSL**

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Oct-77	530.7		
Nov-77	549.2		
Dec-77	579.3	559.3	
Jan-78	589.7		
Feb-78	593.1		
Mar-78	590.8		
Apr-78	604.7	577.8	
May-78	607		
Jun-78	616.2		
Nov-78	556.2	540.8	
Dec-78	556.2	540.8	
Jan-79	581.6	563.9	
Feb-79	507.6		
Mar-79	509.9		
Apr-79	485	531.6	
May-79	482.2		
Jun-79	484.5		
Jul-79	496.1		
Aug-79	478.8		
Sep-79	479.9		
Oct-79	483.4		
Nov-79	545.8	529.3	
Dec-79	533.1		
Jan-80	590.8	550.1	
Feb-80	600	552.4	
Mar-80	630.1		
Apr-80	641.6	598.6	
May-80	643.9		
Jun-80	611.6		
Jul-80	648.6		
Aug-80	593.1		
Sep-80	581.6		
Oct-80	576.9		
Nov-80	643.9	594	937.7
Dec-80	653.2		
Jan-81	664.7		
Feb-81	646.2	577.8	
Mar-81	677.4		932.7

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Pomona Basin****Ground Surface Elevation: 999.4 ft above MSL**

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Apr-81	671.7	624	
May-81	693.6	633.2	
Jun-81	650.9		
Jul-81	648.6		
Aug-81	648.6	610.1	
Sep-81	641.6		888.7
Oct-81	654.3		934.7
Nov-81	645.1		
Dec-81	655.5	562.8	
Jan-82	700.5		
Feb-82	740.9	672.5	
Mar-82	743.3		
Apr-82	758.3	695.6	962.7
May-82	727.1		
Jun-82	678.6		
Jul-82	671.7		
Aug-82	670.5		
Sep-82	680.9		
Oct-82	671.7	644.8	952.7
Nov-82	741		
Dec-82	752.5	710.6	
Jan-83	773.3	725.6	
Feb-83	775.6	727.9	
Mar-83	781.4	729.1	
Apr-83	788.3	744.1	
May-83	740.9	727.9	947.7
Jun-83	777.4		966.7
Jul-83	771	710.6	
Oct-83	787.1	737.2	979.7
Nov-83	796.4	687.5	
Dec-83	810.2	684.1	
Jan-84	812.1	774.1	
Feb-84	825.3	704.8	
Apr-84	811.4	661	
May-84	815.6		
Jun-84	811.4	724.5	
Jul-84	823		
Aug-84	825.3		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Pomona Basin****Ground Surface Elevation: 999.4 ft above MSL**

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Sep-84	911.9	771.8	
Oct-84	915.8	783.4	940.7
Nov-84	918.1	815.7	
Dec-84	921.8	693.3	
Jan-85	914.7	799.6	
Feb-85	947.7	771.8	
Mar-85	955.8	820.3	
Apr-85		820.3	933.7
Jun-85			971.7
Oct-85		855	
Nov-85			979.7
Apr-86		843.4	969.7
Aug-86			933.7
Dec-86		809.3	
Aug-87		870.4	
Oct-87		894	957.7
Nov-87		704.7	
Dec-87		817.9	
Jan-88		708.6	
Feb-88		700.9	
Mar-88		873.6	
Apr-88		872.4	
May-88		705.7	
Jun-88		698.2	
Dec-88		769.4	
Apr-89		807.5	
Sep-89		810.8	
Oct-89		805.5	976.7
Dec-89		834.1	
Apr-90		799.4	972.7
Oct-90			981.7
Apr-91			979.7
Sep-91		868.2	
Oct-91			971.4
Dec-91		783.3	
Apr-92		790.2	975.7
Oct-92			969.7
Dec-92		842.6	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Pomona Basin****Ground Surface Elevation: 999.4 ft above MSL**

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Mar-93		852.1	
Apr-93		861.8	
May-93		852.5	
Jun-93		858.1	
Aug-93		872.4	
Sep-93		879.2	
Dec-93		891.5	
Jan-94		900.7	
Feb-94		912.6	
Mar-94		893.5	
Apr-94		889.3	
May-94		931.2	
Nov-94		931.5	
Dec-94		939.2	
Jan-95		950.2	
Feb-95		950.8	
Apr-95		920.1	
May-95		931	
Jun-95		943.7	
Jul-95		934.9	
Aug-95		903.1	
Sep-95		920.9	
Oct-95		935.8	
Nov-95		942.6	
Dec-95		940.6	
Jan-96		920.9	
Feb-96		947.7	
Mar-96		938.6	
Apr-96		931.9	
May-96		918.3	
Jun-96		913.2	
Jul-96		927	
Aug-96		929.1	
Oct-96		911.8	
Nov-96		945.9	
Dec-96		949.4	
Jan-97		957	
Feb-97		961.4	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Pomona Basin****Ground Surface Elevation: 999.4 ft above MSL**

STATION	3251E	3261P	4469A
	WS Elev.	WS Elev.	WS Elev.
Mar-97		960.3	
Apr-97		956.8	
May-97		960.5	
Jun-97		960.6	
Jul-97		957.6	
Aug-97		960.5	
Sep-97		950.5	
Oct-97		957.8	
Nov-97		958	
Feb-98		960.2	
Mar-98		965.5	
Apr-98		959.4	
May-98		965.5	
Jun-98		953.4	
Jul-98		965	
Aug-98		962.3	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : San Fernando Valley, Canoga Park

Ground Surface Elevation: 788.5 ft above MSL

STATION	4709	3600H
	WS Elev.	WS Elev.
Jan-61	776.2	
Feb-61	776.4	
Mar-61	775.4	
Apr-61	774.8	
May-61	774.2	
Jun-61	773.7	
Jul-61	773	
Aug-61	772.9	
Sep-61	772.5	
Oct-61	772	
Nov-61	771.4	
Dec-61	772.7	
Jan-62	773.3	
Feb-62	774.2	
Mar-62	776	
Apr-62	776.2	
May-62	776.3	
Jun-62	776.2	
Jul-62	775	
Aug-62	773.5	
Sep-62	772.8	
Oct-62	773	
Nov-62	773.3	
Dec-62	772.6	
Jan-63	772.2	
Feb-63	772.2	
Mar-63	772.6	
Apr-63	772.7	
May-63	772.7	
Jun-63	772.6	
Jul-63	771.9	
Aug-63	770.8	
Sep-63	771.6	
Oct-63	772.5	
Nov-63	771.8	
Dec-63	772.6	
Jan-64	773.4	
Feb-64	773.4	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : San Fernando Valley, Canoga Park

Ground Surface Elevation: 788.5 ft above MSL

STATION	4709	3600H
	WS Elev.	WS Elev.
Mar-64	772.5	
Apr-64	772.2	
May-64	772	
Jun-64	771.8	
Jul-64	771.3	
Aug-64	770.9	
Sep-64	770.5	
Oct-64	770	
Nov-64	770	
Dec-64	769.9	
Jan-65	770.5	
Feb-65	770.3	
Mar-65	770.4	
Apr-65	770.9	
May-65	770.9	
Jun-65	770.4	
Jul-65	769.7	
Aug-65	769.5	
Sep-65	769.2	
Oct-65	768.7	
Nov-65	768.6	
Dec-65	770.6	
Jan-66	771	
Feb-66	772.8	
Mar-66	773	
Apr-66	771.8	
May-66	771.6	
Jun-66	771.5	
Jul-66	771.8	
Aug-66	770.8	
Sep-66	769.8	
Oct-66	770.4	
Nov-66	771.2	
Dec-66	771.9	
Jan-67	772.3	
Feb-67	772.4	
Mar-67	772.8	
Apr-67	772.1	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : San Fernando Valley, Canoga Park

Ground Surface Elevation: 788.5 ft above MSL

STATION	4709	3600H
	WS Elev.	WS Elev.
May-67	772.6	
Jun-67	772.1	
Jul-67	772.1	
Aug-67	772.3	
Sep-67	772.1	
Oct-67	772	
Nov-67	771.8	
Dec-67	772.6	
Jan-68	773	
Feb-68	773	
Mar-68	773.2	
Apr-68	773.4	
May-68	772	
Jun-68	771.1	
Jul-68	771	
Aug-68	770.7	
Sep-68	770.4	
Oct-68	770.1	
Nov-68	770.1	
Dec-68	770.1	
Jan-69	770.2	
Feb-69	773.4	
Mar-69	773.8	
May-69	773.8	
Jun-69	773.6	
Jul-69	773.5	
Aug-69	773.7	
Sep-69	773.6	
Oct-69	771.8	
Nov-69	773	
Dec-69	772.6	
Jan-70	772.3	
Feb-70	772.5	
Mar-70	773.2	
Apr-70	772.9	
May-70	773	
Jun-70	772.1	
Jul-70	772	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : San Fernando Valley, Canoga Park

Ground Surface Elevation: 788.5 ft above MSL

STATION	4709	3600H
	WS Elev.	WS Elev.
Aug-70	771.9	
Sep-70	771.6	
Oct-70	771.2	
Nov-70	771.7	
Dec-70	772.1	
Jan-71	772.9	
Feb-71	772.1	
Mar-71	771.7	
Apr-71	771.7	
May-71	771.6	
Jun-71	771.4	
Jul-71	771.3	
Oct-71	769.8	
Nov-71	769.7	
Dec-71	769.5	
Jan-72	770.3	
Feb-72	770.6	
Mar-72	770.1	
Apr-72	769.5	
May-72	769.2	
Jun-72	769.1	
Jul-72	769.5	
Aug-72	769.6	
Sep-72	769.5	
Oct-72	769.5	
Nov-72	769.1	
Dec-72	769.3	
Jan-73	769	
Feb-73	770	
Mar-73	770.2	
Apr-73	770.3	
May-73	770.3	
Jul-73	770.1	
Aug-73	769.8	
Nov-73	768.7	
Dec-73	768.9	
Jan-74	769.6	
Feb-74	769.7	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : San Fernando Valley, Canoga Park

Ground Surface Elevation: 788.5 ft above MSL

STATION	4709	3600H
	WS Elev.	WS Elev.
Mar-74	769.9	
Apr-74	769.9	
May-74	769.7	
Jun-74	769.6	
Jul-74	769.3	
Aug-74	769.1	
Sep-74	769	
Oct-74	768.7	
Nov-74	768.7	
Dec-74	768.7	
Jan-75	768.8	
Feb-75	768.9	
Mar-75	769.1	
Apr-75	769.2	
May-75	769.3	
Jun-75	769.1	
Jul-75	769.3	
Aug-75	768.6	
Sep-75	768.4	
Oct-75	768.2	
Nov-75	768.1	
Dec-75	768.1	
Jan-76	768.1	
Feb-76	768.1	
Apr-76	768.2	
May-76	768.2	
Aug-76	767.4	
Sep-76	767.3	
Oct-76	767.2	
Nov-76	766.9	
Dec-76	766.7	
Jan-77	766.9	
Feb-77	767	
Mar-77	766.8	
Apr-77	766.9	
Jun-77	766.5	
Jul-77	766.2	
Aug-77	766	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : San Fernando Valley, Canoga Park

Ground Surface Elevation: 788.5 ft above MSL

STATION	4709	3600H
	WS Elev.	WS Elev.
Sep-77	765.8	
Oct-77	765.4	
Nov-77	765.4	
Dec-77	765.2	
Jan-78	765.7	
Feb-78	766.2	
Mar-78	767.5	
Apr-78	767.7	
May-78	767.8	
Jun-78	767.7	
Jul-78	767.6	
Aug-78	767.4	
Sep-78	767.3	
Oct-78	767.2	
Nov-78	767.2	
Dec-78	766.8	
Jan-79	767.4	
Mar-79	768.4	
Apr-79	768.6	
May-79	768.7	
Jun-79	768.7	
Aug-79	768.5	
Sep-79	768.3	
Oct-79	768.4	
Nov-79	768.2	
Dec-79	768.2	
Jan-80	768.5	
Feb-80	769.5	
Mar-80	770	
Nov-80	769.6	
Nov-81	769.3	
Apr-82	769.9	
Nov-82	769.1	
Apr-83	771.1	
Oct-83	771.2	
Jan-84	771.4	
Feb-84	771.5	
Mar-84	771.5	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : San Fernando Valley, Canoga Park

Ground Surface Elevation: 788.5 ft above MSL

STATION	4709	3600H
	WS Elev.	WS Elev.
Apr-84	771.5	
May-84	771.5	
Jun-84	771.4	
Jul-84	771.2	
Aug-84	771	
Sep-84	770.8	
Oct-84	770.7	
Nov-84	770.4	
Jan-85	770.7	
Feb-85	771	
Mar-85	770.7	
Apr-85	770.7	
May-85	770.6	
Jun-85	770.5	
Jul-85	770.2	
Aug-85	770	
Sep-85	769.9	
Nov-85	769.7	
Dec-85	769.9	
Jan-86	769.9	
Mar-86	770.6	
Apr-86	770.7	
May-86	770.7	
Oct-86	769.9	
Nov-86	769.8	
Dec-86	769.7	
Jan-87	769.6	
Apr-87	769.4	
May-87	769.2	
Jun-87	768.6	
Jul-87	768.9	
Aug-87	768.7	
Sep-87	768.6	
Oct-87	768.4	
Nov-87	768.7	
Dec-87	768.7	
Jan-88	768.7	
Mar-88	768.8	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : San Fernando Valley, Canoga Park

Ground Surface Elevation: 788.5 ft above MSL

STATION	4709	3600H
	WS Elev.	WS Elev.
May-88	768.9	
Jun-88	768.8	
Jul-88	768.6	
Aug-88	768.3	
Sep-88	768.2	
Oct-88	768.1	
Nov-88	767.8	
Dec-88	767.8	
Feb-89	766.4	
Mar-89	768	
Apr-89	768	
Sep-89	766.6	
Oct-89	766.4	
Nov-89	766.3	
Dec-89	766.3	
Apr-90	766.3	
May-90	766.1	
Jun-90	765.8	
Jul-90	765.5	
Aug-90	765.5	
Sep-90	765.2	
Oct-90	764.7	
Nov-90	764.6	
Dec-90	764.8	
Jan-91	764.8	
Feb-91	764.8	
Mar-91	764.9	
Apr-91	765.2	
May-91	765.2	
Jun-91	765	
Jul-91	764.7	
Aug-91	764.5	
Sep-91	764.3	
Oct-91	764	
Nov-91	763.8	
Dec-91	763.6	
Jan-92	764	
Feb-92	764.4	774.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : San Fernando Valley, Canoga Park

Ground Surface Elevation: 788.5 ft above MSL

STATION	4709	3600H
	WS Elev.	WS Elev.
Mar-92	765.2	774.6
Apr-92	765.3	
May-92	765.6	775.1
Jun-92	765.6	774.7
Jul-92	765.4	774.1
Aug-92	765.1	774.2
Sep-92	764.9	773.7
Oct-92	764.6	773.5
Nov-92	764.6	773.4
Dec-92	764.7	773.4
Jan-93	765.4	
Feb-93	766	776.6
Mar-93	766.8	
Apr-93	766.9	
May-93	766.8	776.1
Jun-93	766.7	775.9
Jul-93	766.5	775.3
Aug-93	766.4	774.9
Sep-93	766.4	774.7
Nov-93	766.1	774.2
Dec-93	764.7	774.2
Jan-94	766.2	774.1
Feb-94	766.3	774.2
Mar-94	766	774.1
Apr-94	765.9	
May-94	765.9	
Jun-94	765.8	
Jul-94	765.6	
Aug-94	765.6	773.9
Sep-94	765.1	773.6
Oct-94	765	773.5
Nov-94	765	773.5
Dec-94	764.9	773.3
Jan-95	765.4	773.4
Feb-95	766.1	774.6
Mar-95	766.4	774.9
Apr-95	766.7	
May-95	766.7	774.9

WATER CONSERVATION – SUMMARY – GROUND WATER**GROUND WATER FLUCTUATION:**

Location : San Fernando Valley, Canoga Park

Ground Surface Elevation: 788.5 ft above MSL

STATION	4709	3600H
	WS Elev.	WS Elev.
Jun-95	766.7	774.8
Jul-95	destroyed	774.5
Sep-95		774.3
Oct-95		774
Mar-96		773.8
Apr-97		773.5

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
Jul-64	439.8
Oct-64	430.2
Nov-64	430.7
Dec-64	430
Jan-65	433
Feb-65	431.5
Mar-65	431.1
Apr-65	429.8
May-65	427.3
Jul-65	426
Aug-65	425.5
Sep-65	426.7
Oct-65	427.7
Nov-65	425.2
Dec-65	424.9
Jan-66	424.7
Feb-66	425.2
Mar-66	424.7
Apr-66	423
May-66	422
Jun-66	422
Jul-66	418.1
Aug-66	415.3
Sep-66	415.4
Oct-66	414.5
Nov-66	415.7
Dec-66	417.5
Jan-67	414.7
Feb-67	414.2
Mar-67	414.9
Apr-67	414.4

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
May-67	415
Jun-67	413.8
Jul-67	413.4
Aug-67	413
Sep-67	411.9
Oct-67	412.6
Nov-67	412.1
Dec-67	412.4
Jan-68	413
Feb-68	414
Mar-68	412.8
Apr-68	412.1
May-68	411.6
Jun-68	411.3
Jul-68	411.1
Aug-68	410.3
Sep-68	410.9
Oct-68	410.4
Nov-68	412.1
Dec-68	411.7
Jan-69	412.8
Feb-69	420.2
Mar-69	421.3
Apr-69	422.2
May-69	421.7
Jun-69	419.1
Jul-69	414.8
Aug-69	414.2
Sep-69	414.9
Oct-69	415.6
Nov-69	415

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
Dec-69	416.7
Jan-70	420.4
Feb-70	420.4
Mar-70	420.6
Apr-70	422.7
May-70	421.4
Jun-70	422.4
Jul-70	421.6
Aug-70	421.4
Sep-70	421.7
Oct-70	422
Nov-70	423.3
Dec-70	424.2
Feb-71	421.6
Mar-71	423
Apr-71	427.2
May-71	427.6
Jun-71	428
Jul-71	425.6
Aug-71	425.1
Sep-71	428.2
Oct-71	427.7
Nov-71	429.1
Jan-72	436.5
Feb-72	436.7
May-72	430.4
Jun-72	430.6
Jul-72	429.5
Aug-72	428.5
Sep-72	427.2
Oct-72	427.8

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
Nov-72	429.4
Dec-72	430.6
Jan-73	430.8
Feb-73	431.3
Mar-73	432.6
Apr-73	431.8
May-73	432.1
Jun-73	436.6
Aug-73	436
Sep-73	429.8
Nov-73	436.4
Jan-74	439.2
Feb-74	439.9
Mar-74	439.6
Apr-74	438.8
May-74	439.1
Jun-74	439.9
Jul-74	438.7
Aug-74	438.1
Sep-74	438.2
Oct-74	438.1
Nov-74	438.8
Dec-74	438.7
Jan-75	440.5
Feb-75	440
Mar-75	439.8
Apr-75	440.4
May-75	440.2
Jun-75	441.5
Jul-75	437.5
Sep-75	430.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
Oct-75	435.9
Nov-75	437.1
Dec-75	439.5
Jan-76	440.5
Feb-76	439.7
Mar-76	439.5
Apr-76	440.1
May-76	440.7
Jun-76	440.5
Jul-76	438.3
Aug-76	439
Sep-76	438.3
Oct-76	438.8
Nov-76	438.9
Jan-77	439.5
Feb-77	439.9
Mar-77	439.6
Apr-77	439.9
May-77	438.8
Jun-77	435.8
Jul-77	435.7
Aug-77	429.4
Sep-77	427.6
Oct-77	433.7
Nov-77	434.7
Dec-77	432.2
Jan-78	435.7
Mar-78	436.8
Apr-78	437.7
May-78	439.1
Jun-78	439.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
Jul-78	437.4
Aug-78	439.3
Sep-78	439.2
Oct-78	439.7
Nov-78	441.5
Dec-78	445.2
Jan-79	446.4
Feb-79	450
Mar-79	450
Apr-79	450.6
May-79	449.2
Jun-79	451.9
Jul-79	452
Aug-79	452.4
Sep-79	452.9
Oct-79	450.2
Nov-79	456.5
Jan-80	458.8
Mar-80	461.6
Apr-80	462.2
May-80	463.7
Jun-80	465.2
Jul-80	466.7
Aug-80	467
Sep-80	466.4
Oct-80	470.2
Dec-80	472.6
Jan-81	474.2
Feb-81	475.6
Mar-81	476.5
Apr-81	477.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
May-81	475.8
Jun-81	476.4
Jul-81	476.2
Aug-81	476.2
Sep-81	471.2
Oct-81	475.4
Dec-81	478.2
Jan-82	478.3
Feb-82	477.9
Mar-82	478.1
Apr-82	479.7
Jun-82	480.2
Jul-82	480.2
Sep-82	480.5
Oct-82	478.5
Nov-82	479.7
Dec-82	479.1
Feb-83	479.7
Mar-83	480.8
Apr-83	481.2
May-83	484.2
Jun-83	483.5
Jul-83	483.7
Aug-83	484
Sep-83	485.4
Oct-83	487.9
Nov-83	487.6
Dec-83	487.2
Jan-84	487.7
Feb-84	490.7
Mar-84	490

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : San Fernando Valley, Burbank

Ground Surface Elevation: 546.5 ft above MSL

STATION	3872H
	WS Elev.
Apr-84	491.9
May-84	490.3
Jun-84	489.9
Jul-84	490.3
Aug-84	488.5
Sep-84	487.7
Oct-84	487.8
Nov-84	486
Dec-84	486.2
Jan-85	487.4
May-85	489.2
Jun-85	489
Jul-85	488.7
Aug-85	487.9
Sep-85	488.5
Oct-85	487.8
Nov-85	487.6
Dec-85	487.3
Jan-86	487.9
Feb-86	489.3
Mar-86	489.5
Apr-86	489.2
May-86	489.2
Jun-86	488.8
Jul-86	489.2
Aug-86	488.8
Sep-86	488.9
Oct-86	489.3
Nov-86	489.5
Dec-86	489.8
Jan-87	489.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
Feb-87	490.4
Mar-87	490.7
Apr-87	488.9
May-87	489.5
Jun-87	491.4
Aug-87	488
Sep-87	487.1
Oct-87	486.8
Nov-87	486.2
Jan-88	485.2
Feb-88	485
Mar-88	485.4
Apr-88	483.9
May-88	483.4
Jun-88	483
Jul-88	482.1
Aug-88	481.7
Sep-88	481.1
Oct-88	480.9
Nov-88	480.4
Dec-88	480
Jan-89	479.7
Feb-89	479.4
Mar-89	478.8
Apr-89	478.5
May-89	477.8
Jun-89	477.6
Jul-89	477.3
Aug-89	476.6
Sep-89	475.9
Oct-89	475.7

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
Nov-89	475.9
Dec-89	475.8
Jan-90	476.1
Feb-90	476.6
Mar-90	476.9
Apr-90	476.7
May-90	476.6
Jun-90	474.5
Aug-90	473.6
Sep-90	472.8
Oct-90	473.2
Nov-90	472.8
Dec-90	473.9
Jan-91	473.5
Feb-91	473.8
May-91	472.7
Jun-91	472
Jul-91	470.8
Aug-91	471.4
Sep-91	470.6
Oct-91	470.6
Nov-91	469.6
Dec-91	469.7
Jan-92	469.8
Mar-92	469.5
Apr-92	469.5
May-92	469
Jun-92	469
Jul-92	468.4
Nov-92	463.2
Dec-92	461.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
Jul-93	473.7
Sep-93	467
Oct-93	468.4
Nov-93	467.5
Dec-93	468.1
Feb-94	479.2
Mar-94	474
Apr-94	472
May-94	480.9
Jun-94	478
Jul-94	473.5
Aug-94	473
Sep-94	473.7
Oct-94	473.7
Nov-94	472.5
Dec-94	476.7
Jan-95	473.7
Feb-95	474.3
Mar-95	474.7
Apr-95	474.5
May-95	474.6
Jun-95	475.1
Jul-95	475.2
Sep-95	475.1
Oct-95	476.6
Nov-95	485.6
Dec-95	477.3
Jan-96	476.7
Feb-96	483.4
Mar-96	484.1
Apr-96	483.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location : San Fernando Valley, Burbank****Ground Surface Elevation: 546.5 ft above MSL**

STATION	3872H
	WS Elev.
May-96	477.2
Jun-96	475.9
Jul-96	474.9
Aug-96	474.6
Sep-96	473.4
Oct-96	482
Nov-96	475.4
Dec-96	478.2
Jan-97	483.1
Mar-97	483.1
Apr-97	483.2
May-97	474.7
Jun-97	477.6
Aug-97	478
Sep-97	471.1
Dec-97	477.6
Jan-98	478.6
Feb-98	478.6
Mar-98	479.8
Apr-98	471
May-98	470.7
Jun-98	471.3
Jul-98	472.9
Aug-98	471.2
Sep-98	475.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Jan-52	639.3
Feb-52	642.1
Aug-52	642.3
Sep-52	641.1
Oct-52	640.5
Nov-52	640.1
Dec-52	640.2
Jan-53	641.1
Feb-53	640.1
Mar-53	640.6
Apr-53	641.3
May-53	641.4
Jun-53	641.5
Jul-53	640.2
Aug-53	640.2
Sep-53	640.3
Oct-53	639.4
Nov-53	636.9
Dec-53	639.5
Jan-54	641.9
Mar-54	640.4
Apr-54	639.5
May-54	640.7
Jun-54	637.7
Jul-54	640.4
Aug-54	640.5
Sep-54	638
Oct-54	640.3
Nov-54	640.3
Dec-54	641
Jan-55	638.2

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Feb-55	642.3
Mar-55	642
Apr-55	643
May-55	641.1
Jun-55	643.9
Jul-55	644.5
Aug-55	643.8
Sep-55	642.2
Oct-55	644.1
Nov-55	643.4
Dec-55	642.9
Jan-56	644.9
Feb-56	645.1
Mar-56	643.5
Apr-56	642.6
May-56	640.2
Jun-56	640.9
Jul-56	642
Aug-56	640.6
Sep-56	639.9
Oct-56	639.5
Nov-56	638.7
Dec-56	638.1
Jan-57	637.9
Feb-57	637.3
Mar-57	637
Apr-57	636.9
May-57	636.4
Jun-57	637.3
Jul-57	640
Aug-57	637.3

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Sep-57	635.9
Oct-57	635.1
Nov-57	637.8
Dec-57	638.7
Jan-58	638.7
Feb-58	638.7
Mar-58	636.8
Apr-58	638
May-58	635
Jun-58	633.9
Jul-58	636.1
Aug-58	637
Sep-58	636.4
Oct-58	636.4
Nov-58	635.9
Dec-58	635.7
Jan-59	635.2
Feb-59	635
Mar-59	634.7
Apr-59	634.2
May-59	634
Jun-59	632.8
Jul-59	633
Aug-59	630.8
Sep-59	632.1
Oct-59	631.9
Nov-59	631.3
Dec-59	631.1
Jan-60	630.7
Feb-60	630.4
Mar-60	630.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Apr-60	629.8
May-60	629.7
Jun-60	629.6
Jul-60	629.3
Aug-60	629.1
Sep-60	626.1
Oct-60	616.1
Nov-60	628
Dec-60	627.7
Jan-61	626.7
Feb-61	627.4
Mar-61	626.7
Apr-61	626.6
May-61	625.8
Jun-61	625.7
Jul-61	625.4
Aug-61	624.9
Sep-61	624.3
Oct-61	623.9
Nov-61	622.4
Dec-61	622.4
Jan-62	622.7
Feb-62	622.6
Mar-62	622.2
Apr-62	619.3
May-62	618.4
Jun-62	616.2
Jul-62	618.4
Aug-62	618.6
Sep-62	618.5
Oct-62	618.4

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Nov-62	617.9
Dec-62	617.7
Jan-63	617.2
Feb-63	616.7
Mar-63	616.5
Apr-63	616
May-63	614.1
Jun-63	614.5
Jul-63	614.8
Aug-63	614.1
Sep-63	613.6
Oct-63	610.8
Nov-63	611.7
Dec-63	612.1
Jan-64	611.3
Feb-64	610.9
Mar-64	610.9
Apr-64	610.3
May-64	609.9
Jun-64	608.9
Jul-64	608.9
Aug-64	607.8
Sep-64	607.9
Oct-64	607.7
Nov-64	607.3
Dec-64	606.2
Jan-65	606.2
Feb-65	606
Mar-65	605.6
Apr-65	605.4
May-65	605.2

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Jun-65	604.9
Jul-65	604.7
Aug-65	604.4
Sep-65	604.1
Oct-65	603.7
Nov-65	603.3
Dec-65	602.9
Jan-66	602.4
Feb-66	602.2
Mar-66	601.8
Apr-66	601.4
May-66	598.3
Jun-66	600.8
Jul-66	596.9
Aug-66	593.9
Sep-66	591.8
Oct-66	591
Nov-66	590.2
Dec-66	588.8
Jan-67	587.8
Feb-67	587
Mar-67	586.6
Apr-67	585.9
May-67	585.4
Jun-67	584.9
Jul-67	583.2
Aug-67	584.5
Sep-67	584.1
Oct-67	583.7
Nov-67	583.6
Dec-67	583.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Jan-68	582.9
Feb-68	582.5
Mar-68	582.7
Apr-68	582.7
May-68	582.1
Jun-68	581.6
Jul-68	581.4
Aug-68	581.9
Sep-68	581.4
Oct-68	581.3
Nov-68	581.5
Dec-68	581.1
Jan-69	580.4
Feb-69	581.3
Mar-69	581.4
Apr-69	581.1
May-69	581.3
Jun-69	581.6
Jul-69	578.9
Aug-69	578.5
Sep-69	584.1
Oct-69	584.5
Nov-69	585.2
Dec-69	585.9
Jan-70	586.5
Feb-70	586.9
Mar-70	587.4
Apr-70	587.7
May-70	588.2
Jun-70	588.3
Jul-70	588.6

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Aug-70	588
Sep-70	587.9
Oct-70	589.9
Nov-70	590.3
Dec-70	591.7
Jan-71	590.9
Feb-71	591.4
Mar-71	591.3
Apr-71	592.1
May-71	592.9
Jun-71	593.4
Jul-71	592.9
Aug-71	594.5
Sep-71	595.1
Oct-71	591.5
Nov-71	595.9
Dec-71	596.1
Jan-72	596.4
Feb-72	596.8
Mar-72	596.9
Apr-72	596.6
May-72	596.1
Jun-72	596.8
Jul-72	597.3
Aug-72	597.4
Sep-72	597.7
Oct-72	598.1
Nov-72	598.6
Dec-72	598.7
Jan-73	598.9
Feb-73	599.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Mar-73	599.2
Apr-73	599.6
May-73	599.7
Jun-73	595.9
Jul-73	600.2
Aug-73	600.6
Sep-73	600.8
Oct-73	600.8
Nov-73	601.3
Dec-73	601.6
Jan-74	602
Feb-74	602.3
Mar-74	601.1
Apr-74	602.7
May-74	604.2
Jun-74	603.2
Jul-74	603.4
Aug-74	604.3
Sep-74	604.4
Oct-74	604.9
Nov-74	604.8
Dec-74	599.7
Jan-75	604.2
Feb-75	604
Mar-75	604.7
Apr-75	605.6
May-75	604
Jun-75	603.6
Jul-75	605.1
Aug-75	603.3
Sep-75	603.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Oct-75	604.8
Nov-75	603.8
Dec-75	602.8
Jan-76	602.3
Feb-76	602.5
Mar-76	602
Apr-76	601.9
May-76	601.6
Jun-76	601.6
Jul-76	601.4
Aug-76	601.3
Sep-76	601.5
Oct-76	601.6
Nov-76	601.2
Dec-76	601.2
Jan-77	601
Feb-77	600.9
Mar-77	600.9
Apr-77	600.8
May-77	600.6
Jun-77	604.4
Jul-77	600.3
Aug-77	599.4
Sep-77	599.9
Oct-77	609.7
Nov-77	599
Dec-77	599
Jan-78	597.1
Feb-78	598.1
Mar-78	597.9
May-78	597.6

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Jun-78	597.5
Aug-78	597.9
Sep-78	598.8
Oct-78	597.9
Dec-78	598
Mar-79	598.2
Jul-79	598.2
Oct-79	598.4
Dec-79	598.7
Apr-80	598
Aug-80	597.8
Nov-80	597.3
Jan-81	597.1
Mar-81	597.1
Apr-81	598.9
May-81	597
Jun-81	597.1
Aug-81	597.3
Sep-81	597.6
Nov-81	597.9
Feb-82	598.4
Apr-82	600.9
May-82	598.9
Jun-82	598.7
Jul-82	598.9
Aug-82	590
Sep-82	588.3
Oct-82	598.9
Nov-82	602.9
Dec-82	591.9
Jan-83	592.6

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Feb-83	598.4
Mar-83	598
Apr-83	597.8
May-83	597.7
Jun-83	597.4
Jul-83	597.4
Aug-83	597.4
Sep-83	597.6
Oct-83	597.5
Nov-83	597.2
Dec-83	597.5
Jan-84	597.6
Feb-84	597.3
Mar-84	597.3
Apr-84	597.3
May-84	597.3
Jun-84	596.9
Jul-84	597.4
Aug-84	595.9
Sep-84	596.1
Oct-84	599
Nov-84	595.9
Dec-84	591.4
Jan-85	596.4
Feb-85	595.9
Mar-85	596.4
Apr-85	598
May-85	596.4
Jun-85	595.9
Jul-85	596.9
Aug-85	596.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Sep-85	595.9
Oct-85	593.9
Dec-85	597.4
Jan-86	597.4
Mar-86	596.4
Apr-86	592.9
May-86	615.4
Jun-86	596.9
Jul-86	596.9
Aug-86	593.4
Sep-86	603.9
Oct-86	593.4
Nov-86	597.4
Dec-86	579
Jan-87	592.4
Feb-87	594.9
Mar-87	594.9
Apr-87	585.3
May-87	597.1
Jun-87	597.2
Jul-87	590.4
Aug-87	596
Sep-87	595.9
Oct-87	595.2
Nov-87	594.7
Dec-87	594.5
Jan-88	593.9
Feb-88	593.3
Mar-88	592.8
Apr-88	592.6
May-88	592.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Jun-88	591.8
Jul-88	591.7
Aug-88	591.5
Sep-88	591.2
Oct-88	590.9
Nov-88	590.8
Dec-88	590.4
Jan-89	590.1
Feb-89	589.8
Mar-89	589.3
Apr-89	589.1
May-89	589
Jun-89	588.8
Jul-89	588.4
Aug-89	588.2
Sep-89	587.9
Oct-89	583.2
Nov-89	587.2
Dec-89	587.1
Jan-90	586.7
Feb-90	586.4
Mar-90	586.4
Apr-90	582.4
May-90	586
Jun-90	584
Jul-90	585.9
Aug-90	580.6
Sep-90	585.8
Oct-90	585.8
Nov-90	585.8
Dec-90	585.8

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Jan-91	585.8
Feb-91	585.9
Apr-91	581.2
May-91	586.3
Jun-91	586.5
Jul-91	586.8
Aug-91	574.8
Sep-91	587.9
Oct-91	586.7
Nov-91	586.6
Dec-91	586.6
Jan-92	586.6
Mar-92	586.7
Apr-92	586.8
May-92	587.1
Jun-92	587.1
Jul-92	581.6
Aug-92	577
Sep-92	570
Oct-92	589
Nov-92	589
Dec-92	589
Feb-93	579.9
Mar-93	584.1
Apr-93	577.7
May-93	573.7
Jun-93	569.9
Aug-93	572.7
Sep-93	594.4
Oct-93	576.4
Nov-93	585.6

WATER CONSERVATION – SUMMARY – GROUND WATER
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GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Dec-93	577.2
Jan-94	598.4
Feb-94	597.9
Mar-94	598.4
Apr-94	598.4
May-94	600.1
Jun-94	600.9
Jul-94	601.9
Aug-94	602.4
Sep-94	603.2
Oct-94	604
Nov-94	604.9
Dec-94	608.4
Jan-95	609.2
Feb-95	609.7
Mar-95	609.9
Apr-95	583.2
May-95	611.1
Jun-95	611.9
Jul-95	612.4
Aug-95	612.7
Sep-95	613.2
Oct-95	613.2
Dec-95	613.7
Jan-96	613.9
Feb-96	614.2
Mar-96	614.4
Apr-96	614.5
May-96	614.8
Jun-96	615
Jul-96	615.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Raymond Basin****Ground Surface Elevation: 749.9 ft above MSL**

STATION	4057H
	WS Elev.
Aug-96	616.2
Sep-96	615.1
Oct-96	614.7
Nov-96	614.8
Dec-96	614.4
Jan-97	614.5
Feb-97	614.6
Mar-97	614.5
Apr-97	614.8
May-97	614.9
Jun-97	615.1
Jul-97	613.7
Aug-97	615.2
Sep-97	615.1
Dec-97	614.9
Jan-98	614.7
Feb-98	614.8
Mar-98	614.9
May-98	615.2
Jun-98	615.4
Jul-98	615.5
Aug-98	615.4
Sep-98	615.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
Jan-64	602.1	597.9
Feb-64	611.9	610.5
Mar-64	616.9	608.4
Apr-64	619.8	616
May-64	631.3	630.7
Jun-64	623.1	617.6
Jul-64	611.4	605
Aug-64	606.3	602.7
Sep-64	606.7	605.9
Oct-64	614.6	613.1
Nov-64	613.3	606.9
Dec-64	612.4	599
Jan-65	613.7	610.3
Feb-65	611.7	606.2
Mar-65	593.6	583.8
Apr-65	591.9	575.7
May-65	642.7	633.3
Jun-65	653.1	635.3
Jul-65	651.9	639.5
Aug-65	653.1	639.3
Sep-65	654.7	638.4
Oct-65	652.2	641.6
Nov-65	656.1	632.8
Dec-65	662.8	638.1
Jan-66	665	650.7
Feb-66	659.8	654.8
Mar-66	665.7	647.1
Apr-66	644.4	639.9
May-66	644.4	634.1
Jun-66		623.8
Jul-66	631.8	621.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
Aug-66	630.1	
Sep-66	629.7	
Oct-66	639	
Nov-66	639.8	
Dec-66	639.2	651.3
Jan-67	658.9	648.9
Feb-67	671.4	657.3
Mar-67	660.7	645.1
Apr-67	660.9	643.5
May-67	653.4	645.4
Jun-67	651.3	639.7
Jul-67	644.6	634.1
Aug-67	644.6	617.3
Sep-67	619.7	597.9
Oct-67	622.3	617.5
Nov-67	642	627.1
Dec-67	632.3	632.1
Jan-68	654.9	648.4
Feb-68	644.4	642.4
Mar-68	642.7	639.9
Apr-68	651	644.1
May-68	635.7	632.1
Jun-68	626.5	620.6
Jul-68	624.6	620.3
Aug-68	639.7	618.9
Sep-68	606.4	602.5
Oct-68	601.6	
Nov-68	629.6	594
Dec-68	582.9	573.5
Jan-69	599.2	578.5
Feb-69	642.2	620.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
Mar-69	652.7	638
Apr-69	649.3	631.6
May-69	656.9	644
Jun-69	662.6	653
Jul-69	659.8	647.1
Aug-69	652.3	650.1
Sep-69	631.3	638.3
Oct-69	631.3	629.6
Nov-69	631.9	625.7
Dec-69	649.2	641.5
Jan-70	656.6	647.5
Feb-70	649.7	639.5
Mar-70	645	641.9
Apr-70	663.5	649.3
May-70	642.8	644.3
Jun-70	641.3	631.1
Jul-70	630.8	617.5
Aug-70	622.6	595.5
Sep-70	611.6	597.8
Oct-70	609.2	595.5
Nov-70	611.1	594.2
Dec-70	611.8	612
Jan-71	661.5	647.7
Feb-71	664	650.7
Mar-71	662.9	647.6
Apr-71	648.4	642.7
May-71	652.9	626.5
Jun-71	619.4	605.6
Jul-71	606.4	589.2
Aug-71	598	578.3
Sep-71	595.9	572.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
Oct-71	597.3	575.9
Nov-71	593.4	577.7
Dec-71	586.6	566.3
Jan-72	600.9	571.6
Feb-72	654.4	644.9
Mar-72	647.9	645.4
Apr-72	630	622.7
May-72	605	594.7
Jun-72	596.4	582.3
Jul-72	574.6	558.4
Aug-72	558.2	547.5
Sep-72	556.2	548.9
Oct-72	553.9	537.9
Nov-72	555.4	525.3
Dec-72	627.5	599.6
Jan-73	621.3	
Feb-73	639.3	605.1
Mar-73	664	646.3
Apr-73	664.1	649.8
May-73	661.2	651.3
Jun-73	643.4	645.7
Jul-73	642.4	626.8
Aug-73	642.2	622
Sep-73	633.4	617.7
Oct-73	629.9	611.6
Nov-73	635.9	619.4
Dec-73	653.2	637.2
Jan-74	660.7	639.2
Feb-74		649.1
Mar-74	656.2	630.1
Apr-74		642.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
May-74	653.2	642.4
Jun-74		631.4
Jul-74		635.3
Aug-74	642.2	631.1
Sep-74	639.1	622.9
Oct-74	636.7	622.8
Nov-74	626.1	626
Dec-74		608.5
Jan-75	614.2	601.4
Feb-75	611.9	597
Mar-75	622.2	614.7
Apr-75	629.7	637.6
May-75	660.2	636.4
Jun-75	658.9	632.6
Jul-75	639.9	627.7
Aug-75	629.2	617
Sep-75	629.2	605.9
Oct-75	631	608.8
Nov-75		616.3
Dec-75	620.1	593
Jan-76	619.7	580
Feb-76	602.6	576.3
Mar-76	635.1	601.4
Apr-76	649.3	643
May-76	630.7	614.7
Jun-76	608.5	601.7
Jul-76	607.9	595.8
Aug-76	608.9	596.8
Sep-76	605.6	590.5
Oct-76	638.3	600.8
Nov-76		617.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
Dec-76	600.7	601.4
Jan-77	608.1	579.7
Feb-77	647.7	629
Mar-77	607	598.6
Apr-77	595.2	584.9
May-77	592.4	585.1
Jun-77	597.1	584.5
Jul-77	598.3	582.4
Aug-77	593.1	578.8
Sep-77	596.9	575.9
Oct-77	600.3	582.6
Nov-77	598.1	579.4
Dec-77	632.3	588.6
Jan-78	639.4	628.3
Feb-78	656.6	643.2
Mar-78	666	646.5
Apr-78	659	642.8
May-78	654.5	648
Jun-78	654.5	642.5
Jul-78	650.4	636.7
Aug-78	641.8	634.7
Sep-78	642.8	619.1
Oct-78	639	625.3
Nov-78	628	619
Dec-78	632.7	616.1
Jan-79	644.3	640.2
Feb-79	651.1	641.9
Mar-79	647.9	637.1
Apr-79	649	639.1
May-79	646.2	627
Jun-79	642.1	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
Jul-79	637.7	625.9
Aug-79	631.1	
Sep-79	622.4	611
Oct-79	624.8	
Nov-79	621.9	610.1
Dec-79	628.9	610.1
Jan-80	615.4	
Feb-80	628.5	612.3
Mar-80	648.5	634.6
Apr-80	651.8	637.2
May-80	652.2	644.5
Jun-80	650.6	637.2
Jul-80	649.1	628.3
Aug-80	641.2	630.3
Sep-80	640.6	619.8
Oct-80	643.6	620.1
Nov-80	664	625.7
Dec-80	637.5	623.3
Jan-81	631.8	622.1
Feb-81	624.8	607.4
Mar-81	623.9	608.1
Apr-81	638	606.4
May-81	615	590
Jun-81	607.2	575.9
Jul-81	584.5	556.9
Aug-81	578.3	555
Sep-81	584.2	555.6
Oct-81	582.4	566.2
Nov-81	598.3	577.6
Dec-81	606	594.1
Jan-82	623.7	610.1

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
Feb-82	630.7	620.1
Mar-82	636.4	625.8
Apr-82	637.3	620.3
May-82	635.9	608.7
Jun-82	626.4	613.4
Jul-82	636.5	606.4
Aug-82	620.5	596.7
Sep-82	617.1	604.2
Oct-82	628	620.2
Nov-82	637	622
Dec-82	639.6	632
Jan-83	636	628.4
Feb-83	647.2	629.7
Mar-83	652.4	640.4
Apr-83	652.3	640.2
May-83	651.6	641.4
Jun-83	651.3	634.5
Jul-83	647.8	631.6
Aug-83	641	622.3
Sep-83	630.6	613.5
Oct-83	631.7	615.3
Nov-83	646.6	631.7
Dec-83	645.2	632.9
Jan-84	643.3	628.8
Feb-84	642.9	636
Mar-84	639.8	626.4
Apr-84	626.4	621.3
May-84	617.7	
Jun-84	600.8	589.9
Jul-84	596.5	
Aug-84	579.9	572.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
Sep-84	572	567.3
Oct-84		563.3
Nov-84	573.4	562
Dec-84	570	558.5
Jan-85	609.4	565.7
Feb-85	642.8	627.6
Mar-85		622.3
Apr-85	597	
Jun-85	618.7	
Jul-85	612.3	599.6
Aug-85	594	573.8
Sep-85	588.3	
Oct-85	621	571.8
Nov-85	629.2	619.6
Dec-85	643.7	623.5
Jan-86	647.7	630.8
Feb-86	651.3	634.9
Mar-86	648.3	638.4
Apr-86	645.7	637.9
May-86	646.6	635.3
Jun-86	639.4	625.7
Jul-86	623.3	606.3
Aug-86	616.9	599.9
Sep-86	598.5	
Oct-86	587.4	605.3
Nov-86	594	585.8
Dec-86	610.6	599.9
Jan-87	626.3	608.1
Feb-87	635.2	630.4
Mar-87	651	629.2
Apr-87	647.9	632.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
May-87	636.4	
Jun-87	610.5	592.6
Jul-87	597.1	583
Aug-87	580.8	570.8
Sep-87	574	559.7
Oct-87	608	552.3
Nov-87	600.1	553.4
Dec-87	610.8	593.8
Jan-88	627.4	624.2
Feb-88	640	632.9
Mar-88	641.3	638.2
Apr-88	635.2	625.9
May-88	632.5	
Jun-88	641.6	
Aug-88	611.8	
Sep-88	605.6	
Oct-88	619	
Nov-88	612.4	605.1
Dec-88	616.3	
Jan-89	640.8	
May-89	653	
Aug-89	646.2	
Sep-89	644.9	
Oct-89	601	
Mar-90		620.1
Apr-90	650	
Oct-90	631	
Apr-91	643	636.6
May-91	636	
Jun-91	623	
Jul-91	629	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: San Gabriel Canyon Basin, North of Azusa

Ground Surface Elevation: 658.8 ft above MSL

STATION	4284A	4285
	WS Elev.	WS Elev.
Aug-91	637	
Sep-91	641	629.4
Oct-91	635	
Nov-91	624	
Dec-91	616	
Jan-92	619	
Feb-92	630	
Mar-92	642	619.3
Apr-92	650	599.1
Oct-92	629	
Nov-92		606.1
Mar-93		634.5
Apr-93	647	633.3
Oct-93	619	
May-94	591	
Nov-94	592.9	
May-95	591	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Jan-60	1328.5	
Feb-60	1329.9	
Mar-60	1329	
Apr-60	1318.5	
May-60	1323.5	
Jun-60	1307.6	
Jul-60	1302.3	
Aug-60	1298.2	
Sep-60	1290.5	
Oct-60	1295.9	
Nov-60	1284.4	
Dec-60	1298.8	
Jan-61	1289.7	
Feb-61	1294.9	
Mar-61	1285.6	
Apr-61	1276.5	
May-61	1279	
Jun-61	1276	
Jul-61	1273.3	
Aug-61	1271	
Sep-61	1268	
Oct-61	1265.6	
Nov-61	1263.4	
Dec-61	1265.4	
Jan-62	1265.6	
Feb-62	1268.6	
Mar-62	1270.2	
Apr-62	1269.1	
May-62	1269.5	
Jun-62	1266.8	
Dec-62	1258.2	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Jan-63	1259.4	
Feb-63	1262.7	
Mar-63	1265.4	
Apr-63	1268.6	
May-63	1271.7	
Jun-63	1267.2	
Jul-63	1264.1	
Aug-63	1262.2	
Sep-63	1261.1	
Oct-63	1261	
Nov-63	1260.3	
Dec-63	1262.5	
Jan-64	1261.9	
Feb-64	1263.7	
Mar-64	1262.3	
Apr-64	1263.5	
May-64	1261.9	
Jun-64	1258.8	
Aug-64	1253.2	
Sep-64	1251.9	
Oct-64	1250.3	
Nov-64	1248.2	
Dec-64	1248.6	
Jan-65	1246.9	
Feb-65	1250.8	
Mar-65	1251	
Apr-65	1251.9	
May-65	1251.9	
Jun-65	1252.1	
Jul-65	1250	
Aug-65	1247.4	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Sep-65	1246.1	
Oct-65	1244.3	
Nov-65	1247	
Dec-65	1244.8	
Jan-66	1245	
Feb-66	1247.6	
Mar-66	1253.1	
Apr-66	1288.3	
May-66	1320.4	
Jun-66	1338	
Jul-66	1351.7	
Aug-66	1355.8	
Sep-66	1357.7	
Oct-66	1350.8	
Nov-66	1348	
Dec-66	1346.9	
Jan-67	1349	
Feb-67	1355.3	
Mar-67	1363.2	
Apr-67	1371.1	
May-67	1381.4	
Jun-67	1386.3	
Jul-67	1401	
Aug-67	1404.1	
Sep-67	1402.2	
Oct-67	1395.8	
Nov-67	1391.8	
Dec-67	1387.6	
Jan-68	1385.4	
Feb-68	1382.5	
Mar-68	1380.2	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Apr-68	1377.9	
May-68	1372	
Jun-68	1373.3	
Jul-68	1363.2	
Aug-68	1358.3	
Sep-68	1352.3	
Oct-68	1346.9	
Nov-68	1342.8	
Dec-68	1339.8	
Jan-69	1339.7	
Mar-69	1341.8	
Apr-69	1373.1	
May-69	1424.9	
Jun-69	1454.9	
Jul-69	1447.4	
Aug-69	1444.5	
Sep-69	1431.4	
Oct-69	1422.2	
Nov-69	1411.4	
Dec-69	1405.7	
Jan-70	1399.1	
Feb-70	1395.2	
Mar-70	1391	
Apr-70	1388.4	
May-70	1383.2	
Jun-70	1378.2	
Jul-70	1376	
Aug-70	1378.1	
Sep-70	1363.1	
Oct-70	1359.8	
Nov-70	1354.1	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Dec-70	1351.2	
Jan-71	1352	
Feb-71	1352.1	
Mar-71	1352	
Apr-71	1349.8	
May-71	1337	
Jun-71	1330.1	
Jul-71	1325.3	
Aug-71	1326.6	
Sep-71	1312.1	
Oct-71	1310.5	
Nov-71	1319.6	
Dec-71	1318.8	
Jan-72	1319.3	
Feb-72	1319.6	
Mar-72	1314.7	
Apr-72	1299.8	
May-72	1311	
Jun-72	1297.7	
Jul-72	1292.4	
Aug-72	1290.1	
Sep-72	1287.3	
Oct-72	1287.6	
Nov-72	1286.5	
Dec-72	1296.1	
Jan-73	1298.2	
Feb-73	1300	
Mar-73	1302.1	
Apr-73	1303.7	
May-73	1298.1	
Jun-73	1304.8	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Jul-73	1302.2	
Aug-73	1297.4	
Oct-73	1314.9	
Nov-73	1308.3	
Dec-73	1322.4	
Jan-74	1333.4	
Feb-74	1332.7	
Mar-74	1335.3	
Apr-74	1336.3	
May-74	1327.3	
Jun-74	1325.5	
Jul-74	1323	
Aug-74	1322.5	
Sep-74	1312.1	
Oct-74	1306.5	
Nov-74	1319.2	
Dec-74	1321.9	
Jan-75	1323.1	
Feb-75	1322.5	
Mar-75	1322.9	
Apr-75	1324.7	
May-75	1324.1	
Jun-75	1314.3	
Jul-75	1305.2	
Aug-75	1301.1	
Sep-75	1299.2	
Oct-75	1303.6	
Nov-75	1303.6	
Dec-75	1301.1	
Jan-76	1296.9	
Feb-76	1293.7	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Mar-76	1306.3	
Apr-76	1306.2	
May-76	1296.4	
Jun-76	1294.2	
Jul-76	1289	
Aug-76	1286.4	
Sep-76	1286.5	
Oct-76	1286.1	
Nov-76	1285.9	
Dec-76	1293.2	
Jan-77	1294.5	
Feb-77	1287.7	
Mar-77	1290.9	
Apr-77	1297.4	
May-77	1294.3	
Jun-77	1288.1	
Jul-77	1286	
Aug-77	1282.2	
Sep-77	1282	
Oct-77	1281.7	
Nov-77	1280.6	
Jan-78	1290.6	
Feb-78	1293.2	
Mar-78	1297.8	
Apr-78	1361.1	
May-78	1436.2	1438
Jun-78	1449.2	1443.1
Jul-78	1429.4	1434.2
Aug-78	1436.6	1437
Sep-78		1443
Oct-78	1420.5	1408

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Dec-78	1408.1	1397
Jan-79	1401.6	1385
Feb-79	1396.6	1391
Mar-79	1393.3	1385
Apr-79	1387.3	1381
May-79	1383.5	1376
Jun-79	1380.4	1374
Aug-79	1388.1	1383
Sep-79		1382
Oct-79	1384.2	1380
Nov-79	1381.9	1380
Dec-79	1379.1	1373.5
Jan-80	1376.8	
Feb-80		1373.5
Mar-80	1386.2	1385
Apr-80	1430.3	1430
May-80	1446.3	
Jul-80	1445.5	
Aug-80	1430.7	
Sep-80	1422.3	1408
Oct-80	1408.9	1402
Dec-80	1394.2	1387
Jan-81	1389.3	1382.5
Feb-81	1385.4	
Mar-81	1383.8	1380
Apr-81	1376.6	1368.5
May-81		1368.5
Sep-81		1344
Oct-81		1344
Nov-81		1342
Dec-81		1340

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Jan-82		1339.5
Feb-82		1339.5
Mar-82		1340
Apr-82		1340
May-82		1355
Sep-82		1376
Oct-82		1374.5
Nov-82		1373
Dec-82		1374.5
Jan-83		1370
Feb-83		1373
Mar-83		1403
Apr-83		1441.5
May-83		1450
Jun-83		1452
Apr-84		1391
May-84		1383.5
Jul-84		1376
Aug-84		1370
Sep-84		1364
Oct-84		1362
Nov-84		1360.4
Dec-84		1359
Jan-85		1358.4
Feb-85		1357
Mar-85		1356
Apr-85		1350
May-85		1346
Jun-85		1343.5
Jul-85		1318
Aug-85		1332.4

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Upper Claremont Heights

Ground Surface Elevation: 1482.0 ft above MSL

STATION	4508B	4508A
	WS Elev.	WS Elev.
Sep-85		1308
Oct-85		1326
Nov-85		1326
Jan-86		1324.4
Feb-86		1323
Mar-86		1328
Apr-86		1337
May-86		1324
Jun-86		1330
Jul-86		1332
Sep-86		1348
Oct-86		1349
Nov-86		1349.4
Dec-86		1346
Jan-87		1345
Feb-87		1341
Apr-87		1337
Oct-87		1283
Nov-87		1266
Dec-87		1274
Jan-88		1315
Feb-88		1317
Mar-88		1350
Apr-88		1297
May-88		1296
Jun-88		1288
Jul-88		1276
Aug-88		1264
Sep-88		1265
Oct-88		1298
Sep-89		1279

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Oct-89		1282
Nov-89		1280
Jan-90		1280.5
Feb-90		1297
Mar-90		1293
Apr-90		1279
Jul-90		1277
Aug-90		1274
Sep-90		1272
Oct-90		1289.5
Jan-91		1289.5
Feb-91		1292
Mar-91		1293
Apr-91		1290.7
Jun-91		1329
Oct-91		1296
Nov-91		1288
Dec-91		1292
Jan-92		1309
Feb-92		1310.5
Mar-92		1311
Apr-92		1310
May-92		1312
Jun-92		1333.5
Jul-92		1337
Aug-92		1349
Sep-92		1351
Oct-92		1351
Nov-92		1340
Dec-92		1348
Feb-93		1410

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Upper Claremont Heights****Ground Surface Elevation: 1482.0 ft above MSL**

STATION	4508B	4508A
	WS Elev.	WS Elev.
Mar-93		1411
Apr-93		1418
Sep-93		1383.5
Oct-93		1377.7
Nov-93		1387
Dec-93		1395
Mar-94		1383.2
Apr-94		1378
May-94		1378
Jul-94		1311
Aug-94		1304
Sep-94		1301
Oct-94		1322
Oct-95		1344.1
Apr-96		1339
Oct-96		1337
Apr-97		1325
Oct-97		1339
Apr-98		1360

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Santa Clarita Valley, Near Castaic Junction

Ground Surface Elevation: 1131.0 ft above MSL

STATION	7048A	7048C	7057P
	WS Elev.	WS Elev.	WS Elev.
Jan-64	1044.5		
Feb-64	1046.5		
Mar-64	1045.5		
Apr-64	1047		
May-64	1044.8		
Jun-64	1037.2		
Jul-64	1034.5		
Aug-64	1032.2		
Sep-64	1032.2		
Oct-64	1032.2		
Nov-64	1036.2		
Jan-65	1042.6		
Mar-65	1040.4		
Apr-65	1042.9		
May-65	1039.1		
Jul-65	1033.9		
Aug-65	1031.5		
Sep-65	1028.7		
Oct-65	1032.5		
Nov-65	1035.2		
Dec-65	1037.1		
Jan-66	1048.1		
Mar-66	1052.4		
Apr-66	1049.3		
May-66	1044.5		
Jun-66	1043.3		
Nov-66	1037		
Dec-66	1048.6		
Mar-67	1055		
Apr-67	1058.8		
May-67	1054.7		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Santa Clarita Valley, Near Castaic Junction****Ground Surface Elevation: 1131.0 ft above MSL**

STATION	7048A	7048C	7057P
	WS Elev.	WS Elev.	WS Elev.
Jun-67	1052		
Aug-67	1047.9		
Sep-67	1046.4		
Oct-67	1049.2		
Nov-67	1045.7		
Dec-67	1055.2		
Jan-68	1059		
Feb-68	1062.5		
Mar-68	1063.4		
Apr-68	1060.4		
May-68	1056.3		
Jul-68	1052.5		
Aug-68	1051.9		
Sep-68	1055.1		
Oct-68	1056.8		
Nov-68	1058.7		
Dec-68	1059.5		
Jan-69	1060.1		
Feb-69	1062.4		
Mar-69	1085.9		
Apr-69	1086.2		
May-69	1094.2		
Jun-69	1093.1		
Jul-69	1091.9		
Aug-69	1084.8		
Sep-69	1084.5		
Oct-69	1088		
Nov-69	1085.8		
Dec-69	1086.3		
Jan-70	1084.1		
Feb-70	1088.1		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Santa Clarita Valley, Near Castaic Junction

Ground Surface Elevation: 1131.0 ft above MSL

STATION	7048A	7048C	7057P
	WS Elev.	WS Elev.	WS Elev.
Mar-70	1094.9		
Apr-70	1094		
May-70	1091.2		
Jun-70	1088.8		
Jul-70	1088.2		
Aug-70	1085		
Sep-70	1084.9		
Oct-70	1085.1		
Nov-70	1086.9		
Dec-70	1090.5		
Jan-71	1098.1		
Feb-71	1095.8		
Mar-71	1099.6		
Apr-71	1099.2		
May-71	1097.5		
Jun-71	1096.7		
Jul-71	1095.3		
Aug-71	1091.6		
Sep-71	1092.1		
Oct-71	1092		
Nov-71	1092.6		
Dec-71	1094.1		
Jan-72	1096.5		
Feb-72	1096.7		
Mar-72	1097.3		
Apr-72	1092.4		
May-72	1092.6		
Jun-72	1088.9		
Jul-72	1087.4		
Sep-72	1086.9		
Oct-72	1087.9		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Santa Clarita Valley, Near Castaic Junction****Ground Surface Elevation: 1131.0 ft above MSL**

STATION	7048A	7048C	7057P
	WS Elev.	WS Elev.	WS Elev.
Nov-72	1089.5		
Dec-72	1092.9		
Jan-73	1093.1		
Feb-73	1095.3		
Mar-73	1097.6		
Apr-73	1098.5		
May-73	1094.9		
Jun-73	1092.7		
Jul-73	1089.3		
Aug-73	1087.4		
Sep-73	1087.9		
Oct-73	1090.3		
Nov-73	1088.5		
Dec-73	1091.3		
Jan-74	1096.5		
Feb-74	1093.8		
Mar-74	1094.1		
Apr-74	1095.8		
May-74	1096.5		
Jun-74	1094.6		
Jul-74	1090.3		
Aug-74	1093		
Sep-74	1093		
Dec-74	1092.4		
Jan-75	1093.3		
Feb-75	1094.6		
Mar-75	1094.5		
Apr-75	1096.5		
May-75	1096.5		
Jun-75	1092.2		
Jul-75	1089.1		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Santa Clarita Valley, Near Castaic Junction

Ground Surface Elevation: 1131.0 ft above MSL

STATION	7048A	7048C	7057P
	WS Elev.	WS Elev.	WS Elev.
Aug-75	1084.1		
Sep-75	1083.8		
Oct-75	1084.7		
Nov-75	1087.7		
Dec-75	1087.5		
Jan-76	1086.1		
Feb-76	1089.3		
Mar-76	1089.1		
Apr-76	1089.5		
May-76	1090.5		
Jun-76	1086.8		
Jul-76	1082.5		
Aug-76	1082.5		
Sep-76	1082.8		
Oct-76	1083.9		
Dec-76	1085.4		
Jan-77	1087.1		
Feb-77	1087		
Mar-77	1086		
May-77	1086.1		
Jun-77	1084.4		
Jul-77	1082.5		
Aug-77	1080.5		
Sep-77	1076.9		
Oct-77	1077.7		
Nov-77	1079.6		
Dec-77	1080		
Jan-78	1083.3		
Feb-78	1087.9		
Mar-78	1097.8		
Apr-78	1099.7		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Santa Clarita Valley, Near Castaic Junction

Ground Surface Elevation: 1131.0 ft above MSL

STATION	7048A	7048C	7057P
	WS Elev.	WS Elev.	WS Elev.
May-78	1097.2		
Jun-78	1094.6		
Jul-78	1091.7		
Aug-78	1089.5		
Sep-78	1087.6		
Oct-78	1089.7		
Dec-78	1087.9		
Jan-79	1093.4		
Feb-79	1097.3		
Mar-79	1100.7		
Apr-79	1098.3		
May-79	1095.9		
Jun-79	1093.5		
Jul-79	1090.3		
Sep-79	1088.9		
Oct-79	1091.5		
Dec-79	1093.7		
Jan-80	1097.3		
Mar-80	1106.8		
May-80	1107		
Jun-80	1104.6		
Jul-80	1104.1		
Aug-80	1103.2		
Sep-80	1101.3		
Oct-80	1096.6		
Nov-80	1100.1		
Dec-80	1100.2		
Jan-81	1100.9		
Feb-81	1103.3		
Apr-81	1102.5		
May-81	1103.5		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Santa Clarita Valley, Near Castaic Junction

Ground Surface Elevation: 1131.0 ft above MSL

STATION	7048A	7048C	7057P
	WS Elev.	WS Elev.	WS Elev.
Jun-81	1100.7		
Jul-81	1100.4		
Aug-81	1099.9		
Sep-81	1099		
Oct-81	1099.4		
Nov-81	1100.4		
Dec-81	1102.2		
Jan-82	1103.3		
Feb-82	1100.3		
Mar-82	1105.4		
Apr-82	1106.1		
May-82	1104.5		
Jun-82	1103.8		
Jul-82	1102.8		
Aug-82	1102.5		
Sep-82	1102		
Oct-82	1101.8		
Nov-82	1102.7		
Dec-82	1103.2		
Jan-83	1102		
Feb-83	1105.9		
Mar-83	1107.1		
Apr-83	1108		
May-83	1107.7		
Jun-83	1107.4		
Jul-83	1106.5		
Aug-83	1105.8		
Oct-83	1104.6		
Nov-83	1104.7		
Dec-83	1105.3		
Jan-84	1105.6		

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Santa Clarita Valley, Near Castaic Junction

Ground Surface Elevation: 1131.0 ft above MSL

STATION	7048A	7048C	7057P
	WS Elev.	WS Elev.	WS Elev.
Feb-84	1105.6		
Mar-84	1106.5		
Apr-84	1104.7		
Jun-84	1102.4		
Jul-84	1102.4		
Aug-84	1103.4		
Sep-84	1101.7		
Dec-84	1105.9		
Jan-85	1104.3		
Apr-85	1104.8		
May-85	1101.1		
Jun-85	1099.9		
Jul-85	1100.3		
Aug-85	1107		
Sep-85	1100.7		
Oct-85	1100.5		
Dec-85	1101.5		
Jan-86	1101	1108	
Feb-86	1103.5	1110.5	
Mar-86	1105.2	1110.7	
Apr-86	1105	1109.2	
May-86	1102.2	1108.7	
Jun-86	1103.5		
Jul-86	1101.9	1106.4	
Aug-86	1098.3	1105.7	
Sep-86	1097.9	1104.4	
Oct-86	1098.9	1105.5	
Nov-86		1104.2	
Dec-86	1098.7	1105.3	
Jan-87	1100.7	1106	
Mar-87	1097	1093.7	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Santa Clarita Valley, Near Castaic Junction****Ground Surface Elevation: 1131.0 ft above MSL**

STATION	7048A	7048C	7057P
	WS Elev.	WS Elev.	WS Elev.
Apr-87	1098.7	1104.7	
May-87	1097	1104.2	
Jun-87	1094.5	1102.5	
Jul-87	1088.5	1098.7	
Aug-87		1097.2	
Sep-87	1094.3	1099.3	
Oct-87	1094	1101.6	
Nov-87	1096.5	1102.2	
Dec-87	1095.5	1102.7	
Jan-88	1099.9	1104.2	
Feb-88	1098.2	1103.4	
Mar-88	1098.5	1104.2	
Jun-88	1098	1102.4	
Jul-88	1094	1101.2	
Aug-88	1095.7	1101.2	
Sep-88	1093.8	1100.7	
Oct-88	1096.5	1100.2	
Jan-89	1092.8	1102.7	
Mar-89	1097.2	1101.8	
Apr-89	1093.5	1100.2	
May-89	1095.7	1100.3	
Jun-89	1095	1099.3	
Jul-89	1093.6	1098.2	
Aug-89	1089.6	1098.2	
Sep-89	1091.7	1097.4	
Oct-89	1091.8	1095.7	1100.4
Nov-89	1089	1097	
Dec-89	1089.9	1096.3	
Jan-90	1091		
Mar-90	1094.3	1097.8	1104.5
Apr-90		1097.3	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Santa Clarita Valley, Near Castaic Junction****Ground Surface Elevation: 1131.0 ft above MSL**

STATION	7048A	7048C	7057P
	WS Elev.	WS Elev.	WS Elev.
Jun-90		1096.1	
Jul-90		1085.2	
Sep-90		1091.2	
Oct-90			1092
Nov-90		1090.7	
Dec-90		1091.4	
Jan-91		1092.2	
Feb-91		1092.2	
Apr-91		1095.7	
May-91		1093	
Jun-91		1087.3	
Jul-91		1085.2	
Aug-91		1082.7	
Sep-91		1080	
Oct-93			1101
Oct-94			1095.6
May-95			1109.8
Oct-95			1099
Nov-96			1099.8
May-97			1095.5
Oct-97			1092.6
Dec-98			1104.4

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Jan-56	2647.8
Feb-56	2646.3
Mar-56	2647.9
Apr-56	2648
May-56	2653.4
Jun-56	2645.9
Jul-56	2629.9
Aug-56	2644.2
Sep-56	2649.6
Oct-56	2652
Nov-56	2653.7
Dec-56	2655.2
Jan-57	2656.6
Feb-57	2657.5
Mar-57	2658.6
Apr-57	2657.7
May-57	2656.7
Jun-57	2655.8
Jul-57	2649.8
Aug-57	2651.3
Sep-57	2651
Oct-57	2654.4
Nov-57	2656
Dec-57	2657.8
Jan-58	2658.9
Feb-58	2660
Mar-58	2660.5
Apr-58	2660.5
May-58	2660.8
Jun-58	2661.3
Jul-58	2659.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Aug-58	2657.7
Sep-58	2657.6
Oct-58	2666.1
Nov-58	2659.9
Dec-58	2663.2
Jan-59	2664.4
Feb-59	2664.7
Mar-59	2665.4
Apr-59	2662
May-59	2658.7
Jun-59	2662.5
Jul-59	2657.4
Aug-59	2656.4
Sep-59	2658.7
Oct-59	2661.7
Nov-59	2660.6
Dec-59	2662.1
Jan-60	2663.2
Feb-60	2664.3
Mar-60	2664.4
Apr-60	2659.9
May-60	2660.4
Jun-60	2658.5
Jul-60	2654.3
Aug-60	2652.7
Sep-60	2654.1
Oct-60	2650.6
Nov-60	2656
Dec-60	2657.1
Jan-61	2658.4
Feb-61	2658.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Mar-61	2654.3
Apr-61	2655.8
May-61	2653
Jun-61	2651.6
Jul-61	2649.1
Aug-61	2646.6
Sep-61	2650.2
Oct-61	2648.1
Nov-61	2650.9
Dec-61	2649.6
Jan-62	2654
Feb-62	2654.4
Mar-62	2655.2
Apr-62	2652.6
May-62	2653.6
Jun-62	2653.5
Jul-62	2652.2
Aug-62	2650.5
Sep-62	2651.5
Oct-62	2651.9
Nov-62	2653.5
Jan-63	2654.8
Feb-63	2655.3
Mar-63	2650.1
Apr-63	2654.6
May-63	2649.9
Jun-63	2648.3
Jul-63	2647.2
Aug-63	2645
Sep-63	2648.7
Oct-63	2650.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Nov-63	2652.1
Dec-63	2653.2
Jan-64	2653.7
Feb-64	2653.3
Mar-64	2650.3
Apr-64	2653.5
May-64	2653
Jun-64	2653.5
Jul-64	2651.5
Aug-64	2649.3
Sep-64	2648.2
Oct-64	2646.5
Dec-64	2652
Jan-65	2652.9
Feb-65	2653.4
Mar-65	2652.4
Apr-65	2650.1
May-65	2652.1
Jun-65	2649.8
Jul-65	2649.7
Aug-65	2648.8
Sep-65	2650.9
Oct-65	2650.8
Nov-65	2651.8
Dec-65	2653
Jan-66	2653.7
Feb-66	2654.6
Mar-66	2654.8
Apr-66	2655.3
May-66	2656.7
Jun-66	2655.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Jul-66	2654.5
Aug-66	2652
Sep-66	2650.8
Oct-66	2653.9
Nov-66	2656.7
Dec-66	2657.5
Jan-67	2657.8
Feb-67	2657.2
Mar-67	2658.2
Apr-67	2659.3
May-67	2659.3
Jun-67	2658.6
Jul-67	2657.1
Aug-67	2656.3
Sep-67	2659
Oct-67	2659.5
Nov-67	2661
Jan-68	2662.1
Feb-68	2662.6
Mar-68	2662.7
Apr-68	2662.7
May-68	2662.4
Jun-68	2661.8
Jul-68	2660.2
Aug-68	2657.2
Sep-68	2658.9
Oct-68	2653.5
Nov-68	2658.1
Dec-68	2659.6
Feb-69	2660.9
Mar-69	2661

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Apr-69	2660
May-69	2659.8
Jun-69	2658.6
Jul-69	2660
Aug-69	2659.6
Sep-69	2660.2
Oct-69	2660
Nov-69	2663.6
Dec-69	2664.8
Jan-70	2665.1
Feb-70	2665.2
Mar-70	2665.4
Apr-70	2665.9
May-70	2660.2
Jun-70	2657.8
Jul-70	2662
Aug-70	2660.2
Sep-70	2660.1
Oct-70	2660.3
Nov-70	2663
Dec-70	2664.1
Jan-71	2662.2
Feb-71	2664.1
Mar-71	2663.7
Apr-71	2660.4
May-71	2660.2
Jun-71	2660.1
Jul-71	2659.9
Aug-71	2657.5
Sep-71	2658.6
Oct-71	2660

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Little Rock, South of Palmdale

Ground Surface Elevation: 2777.0 ft above MSL

STATION	8825
	WS Elev.
Nov-71	2661.1
Dec-71	2660.8
Jan-72	2661.8
Feb-72	2661.2
Mar-72	2661.6
Apr-72	2660.7
May-72	2659.3
Jun-72	2659.6
Jul-72	2657.3
Aug-72	2657.3
Sep-72	2657.5
Oct-72	2657
Nov-72	2658.3
Dec-72	2659.9
Jan-73	2657.5
Feb-73	2658.7
Mar-73	2659.9
Apr-73	2658.5
May-73	2656.4
Jun-73	2655.8
Jul-73	2654
Aug-73	2653.4
Sep-73	2653.9
Oct-73	2655.1
Nov-73	2656.7
Dec-73	2657.2
Feb-74	2658.2
Mar-74	2657.5
Apr-74	2657
May-74	2654.9
Jun-74	2652.9

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Jul-74	2650.7
Aug-74	2651.6
Sep-74	2654.3
Oct-74	2656.5
Nov-74	2657.2
Dec-74	2657.1
Jan-75	2658.6
Feb-75	2659.1
Apr-75	2659.3
May-75	2657.2
Jun-75	2655.8
Jul-75	2655.6
Sep-75	2655.3
Oct-75	2655.2
Nov-75	2658.1
Dec-75	2657.2
Jan-76	2656.9
Feb-76	2658.3
Mar-76	2658.5
Apr-76	2657.7
May-76	2657.1
Jun-76	2655.7
Jul-76	2655.5
Aug-76	2654.1
Sep-76	2655.7
Oct-76	2657.3
Nov-76	2657.2
Dec-76	2658.9
Jan-77	2659.4
Feb-77	2659.5
Mar-77	2659.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Apr-77	2659
May-77	2659
Jun-77	2657.4
Jul-77	2659.3
Aug-77	2657.3
Sep-77	2656.9
Oct-77	2657.6
Nov-77	2658.2
Dec-77	2659.3
Jan-78	2659.3
Feb-78	2660
Mar-78	2660.1
Apr-78	2660.3
May-78	2658.3
Jun-78	2658.3
Jul-78	2656.9
Aug-78	2656.2
Sep-78	2658.8
Oct-78	2659.3
Jan-79	2661.8
Mar-79	2663.5
Apr-79	2664.4
Jun-79	2660
Sep-79	2658.8
Jan-80	2660.3
May-80	2667.4
Jun-80	2667.8
Jul-80	2668.4
Aug-80	2668.6
Sep-80	2670.4
Oct-80	2671.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Nov-80	2671.6
Dec-80	2672.2
Jan-81	2672.6
Feb-81	2672.7
Apr-81	2672.6
May-81	2671.4
Jun-81	2671.2
Jul-81	2670.2
Aug-81	2667.4
Sep-81	2666.4
Oct-81	2669.3
Nov-81	2658.5
Dec-81	2670
Jan-82	2670.1
Feb-82	2669.9
Mar-82	2670.1
Apr-82	2669.1
May-82	2668.8
Jun-82	2668.2
Jul-82	2668.5
Aug-82	2668.2
Sep-82	2668.8
Oct-82	2668.3
Nov-82	2669.2
Dec-82	2669.3
Jan-83	2669.6
Feb-83	2669.6
Apr-83	2670
May-83	2669.7
Jun-83	2670
Jul-83	2670.2

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Aug-83	2671.6
Sep-83	2672
Oct-83	2673.4
Nov-83	2673.8
Dec-83	2674.4
Jan-84	2674.7
Feb-84	2675.2
Mar-84	2675.2
Apr-84	2675
May-84	2674.4
Jun-84	2666.3
Jul-84	2665.8
Aug-84	2666.4
Sep-84	2670.7
Oct-84	2671.5
Nov-84	2672.7
Dec-84	2673.1
Jan-85	2670.9
Feb-85	2671.5
Jun-85	2664.1
Jul-85	2666.9
Aug-85	2666.1
Sep-85	2669.2
Oct-85	2669.5
Nov-85	2669.4
Dec-85	2669.5
Jan-86	2668.8
Feb-86	2669.4
Mar-86	2669.8
Apr-86	2666.3
May-86	2669.3

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Little Rock, South of Palmdale

Ground Surface Elevation: 2777.0 ft above MSL

STATION	8825
	WS Elev.
Jun-86	2668.9
Jul-86	2665.1
Aug-86	2663
Sep-86	2668
Oct-86	2658.9
Mar-87	2667.5
Apr-87	2659.1
Sep-87	2667
Oct-87	2666.8
Nov-87	2662.8
Dec-87	2670.3
Jan-88	2667.5
Feb-88	2667
Mar-88	2665.9
May-88	2665.3
Jun-88	2665.3
Aug-88	2662.9
Sep-88	2664
Oct-88	2661.3
Jan-89	2661.6
Feb-89	2650.3
Mar-89	2665.8
Apr-89	2666.3
May-89	2665.5
Jun-89	2665.3
Aug-89	2663.3
Sep-89	2665.3
Oct-89	2661.3
Dec-89	2665.2
Jan-90	2661.2
Mar-90	2665.8

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Little Rock, South of Palmdale

Ground Surface Elevation: 2777.0 ft above MSL

STATION	8825
	WS Elev.
Apr-90	2665
May-90	2665
Jun-90	2665.6
Jul-90	2660.5
Oct-90	2665
Dec-90	2663
Mar-91	2663
Apr-91	2663
May-91	2665
Jun-91	2663
Jul-91	2661
Aug-91	2662
Sep-91	2663
Oct-91	2663
Nov-91	2661
Dec-91	2661
Jan-92	2661
Feb-92	2662
Mar-92	2662
Apr-92	2660
May-92	2660
Jun-92	2659
Jul-92	2661
Aug-92	2661
Sep-92	2661
Oct-92	2663
Nov-92	2663
Dec-92	2663
Feb-93	2663
Mar-93	2665
May-93	2665

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:**Location: Little Rock, South of Palmdale****Ground Surface Elevation: 2777.0 ft above MSL**

STATION	8825
	WS Elev.
Jun-93	2674
Jul-93	2667
Aug-93	2667
Sep-93	2670
Oct-93	2671
Nov-93	2671
Dec-93	2669
Jan-94	2669
Mar-94	2673
May-94	2670
Jul-94	2668
Aug-94	2671
Sep-94	2673
Jan-95	2667
Feb-95	2667
Mar-95	2670
Apr-95	2670
Jun-95	2670
Jul-95	2669
Aug-95	2667
Oct-95	2666
Dec-95	2671
Jan-96	2665
Feb-96	2666
Mar-96	2667
Apr-96	2667
Apr-97	2662
Oct-97	2661

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Apr-61	2236.8			
May-61	2237.4			
Jun-61	2235.8			
Jul-61	2232			
Aug-61	2233.3			
Sep-61	2231.6			
Oct-61	2231.7			
Nov-61	2233.4			
Dec-61	2233.5			
Jan-62	2237.1			
Feb-62	2237			
Mar-62	2237.8			
Apr-62	2235.9			
May-62	2233.2			
Jun-62	2231.1			
Jul-62	2229.4			
Aug-62	2227.4			
Sep-62	2226			
Oct-62	2226.5			
Nov-62	2229.7			
Jan-63	2231			
Feb-63	2230.4			
Mar-63	2229.8			
Apr-63	2230.1			
May-63	2227.3			
Jun-63	2225.9			
Jul-63	2223.9			
Aug-63	2221.7			
Sep-63	2221.2			
Oct-63	2222.5			
Nov-63	2224.8			

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Dec-63	2225.8			
Jan-64	2225.6			
Feb-64	2227			
Mar-64	2227.4			
Apr-64	2226.4			
May-64	2224.3			
Jun-64	2221.5			
Jul-64	2217.6			
Aug-64	2216.1			
Sep-64	2216.2			
Oct-64	2216.3			
Nov-64	2218.9			
Jan-65	2221.2			
Feb-65	2220.1			
Mar-65	2219.5			
Apr-65	2220.6			
May-65	2218			
Jun-65	2215.4			
Jul-65	2211.6			
Aug-65	2210			
Sep-65	2210.7			
Oct-65	2210			
Nov-65	2212.2			
Dec-65	2215.1			
Jan-66	2215.8			
Feb-66	2217			
Mar-66	2214.7			
Apr-66	2213.3			
May-66	2210.9			
Jun-66	2209.2			
Jul-66	2206.9			

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Aug-66	2205.6			
Oct-66	2207.6			
Dec-66	2211.1			
May-67	2198.4			
Aug-67	2208.4			
Oct-67	2203.4			
Nov-67	2204.3			
Dec-67	2206.4			
Jan-68	2207.5			
Feb-68	2207.4			
Mar-68	2206.8			
Apr-68	2205.2			
May-68	2203.7			
Jun-68	2202.2			
Jul-68	2200.5			
Aug-68	2199.7			
Sep-68	2199.6			
Oct-68	2200.3			
Nov-68	2199.4			
Dec-68	2194.6			
Feb-69	2197.7			
Mar-69	2201.6			
Apr-69	2203.2			
May-69	2201.2			
Jun-69	2200.3			
Jul-69	2198.9			
Aug-69	2197			
Sep-69	2198.5			
Oct-69	2197.9			
Nov-69	2198.2			
Dec-69	2200.3			

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Jan-70	2200.8			
Feb-70	2200.9			
Mar-70	2201.1			
Apr-70	2199.5			
May-70	2199.1			
Jun-70	2197.2			
Jul-70	2195.2			
Aug-70	2195			
Sep-70	2194.2			
Oct-70	2194.5			
Nov-70	2195.3			
Dec-70	2191.7			
Jan-71	2196.6			
Feb-71	2197.7			
Mar-71	2197.1			
Apr-71	2195.6			
May-71	2192.9			
Jun-71	2192.2			
Jul-71	2190.6			
Aug-71	2189.5			
Sep-71	2188.8			
Oct-71	2188.8			
Nov-71	2189.6			
Dec-71	2189.6			
Jan-72	2190.9			
Feb-72	2191			
Mar-72	2190.6			
Apr-72	2189.2			
May-72	2187			
Jun-72	2187.8			
Jul-72	2185.6			

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Aug-72	2184.4			
Sep-72	2184.2			
Oct-72	2184.6			
Nov-72	2185.4			
Dec-72	2187.2			
Jan-73	2188.1			
Feb-73	2188.6			
Mar-73	2189.3			
Apr-73		2187		
May-73		2182.4		
Jun-73		2183.9		
Jul-73		2182.5		
Aug-73		2180.3		
Sep-73		2178.6		
Oct-73		2178.7		
Nov-73		2180.4		
Dec-73		2181.3		
Jan-74		2182.1		
Feb-74		2183.2		
Mar-74		2182.2		
Apr-74		2181.4		
May-74		2180.5		
Jun-74		2178.3		
Jul-74		2176.2		
Aug-74		2169.3		
Sep-74		2174.6		
Nov-74		2168	2176.9	
Dec-74			2177.1	
Jan-75			2177.6	
Feb-75			2177.7	
Mar-75			2177.6	

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Apr-75			2176	2180
May-75			2176.3	2179
Jun-75			2174.9	
Jul-75			2174.4	
Aug-75			2173	2171.5
Sep-75			2172.4	2172.3
Oct-75			2172	
Nov-75			2169.2	
Dec-75			2168.7	2159
Jan-76			2168.7	2173.4
Feb-76			2173	2171
Mar-76				2161
Apr-76			2172	
May-76			2167.3	2170.8
Jun-76			2170.9	2168.5
Jul-76			2169.8	2169.5
Aug-76			2169.4	2166
Sep-76			2168.9	2165.1
Oct-76			2168.9	2167.2
Nov-76			2168.8	2168.5
Dec-76			2169.9	2168.2
Jan-77			2170.2	2170.2
Feb-77			2170	2170.1
Mar-77			2170	2169.5
May-77			2169	2167
Jun-77			2168.7	2166
Jul-77			2167.7	2164
Aug-77			2163.7	2163.2
Sep-77			2162	2162.5
Oct-77			2161	2162.6
Nov-77				2164.6

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Dec-77				2164.3
Jan-78				2164.1
Feb-78				2165
Mar-78				2165.1
Apr-78				2165.1
May-78				2165
Jun-78				2161.8
Jul-78				2161.7
Aug-78				2160.9
Sep-78				2161.9
Oct-78				2161.5
Jan-79				2164.5
Mar-79				2165.1
Apr-79				2164.3
Jun-79				2161.4
Sep-79				2159.6
Mar-80				2162.9
Jun-80				2160.8
Sep-80				2158.7
Oct-80				2158.4
Nov-80				2159.3
Dec-80				2157.1
Jan-81				2156
Feb-81				2154.4
Apr-81				2160.7
May-81				2156.8
Jun-81				2151.2
Jul-81				2149.6
Aug-81				2152.3
Sep-81				2157.1
Oct-81				2158

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Nov-81				2158.6
Dec-81				2159
Jan-82				2159.3
Feb-82				2158.3
Mar-82				2158.2
Apr-82				2154.7
May-82				2157.1
Jun-82				2153.7
Jul-82				2154.1
Aug-82				2146.8
Sep-82				2153
Nov-82				2152.6
Dec-82				2154.7
Jan-83				2153.8
Feb-83				2157
Apr-83				2156
May-83				2153.1
Jul-83				2145.1
Aug-83				2150.8
Sep-83				2150.4
Oct-83				2151.3
Nov-83				2151.5
Jan-84				2152.1
Feb-84				2151.4
Apr-84				2150.2
Jul-84				2147.7
Aug-84				2147.4
Sep-84				2147.6
Oct-84				2147
Nov-84				2147.3
Jan-85				2146.7

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Feb-85				2149.1
Jun-85				2146.8
Jul-85				2144.9
Sep-85				2146
Oct-85				2146.2
Nov-85				2147
Jan-86				2146.9
Feb-86				2149
Mar-86				2147.7
Apr-86				2147.8
May-86				2146.7
Jun-86				2144.7
Aug-86				2144.1
Sep-86				2143
Oct-86				2142.4
Feb-87				2146.5
Mar-87				2146.3
Apr-87				2144
Mar-90				2144
Apr-90				2145
May-90				2148
Jun-90				2148
Jul-90				2148
Aug-90				2147
Oct-90				2149
Dec-90				2145
Apr-91				2149
May-91				2145
Jun-91				2149
Jul-91				2137
Aug-91				2151

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location : Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Sep-91				2153
Oct-91				2147
Nov-91				2149
Jan-92				2137
Feb-92				2147
Mar-92				2147
Apr-92				2142
Jun-92				2145
Jul-92				2145
Aug-92				2149
Oct-92				2147
Nov-92				2145
Dec-92				2146
Jan-93				2146
Feb-93				2147
Mar-93				2153
May-93				2147
Jun-93				2151
Jul-93				2147
Aug-93				2147
Sep-93				2149
Oct-93				2149
Nov-93				2149
Dec-93				2149
Jan-94				2147
Mar-94				2149
May-94				2147
Jul-94				2147
Aug-94				2149
Sep-94				2146
Feb-95				2145

WATER CONSERVATION – SUMMARY – GROUND WATER

GROUND WATER FLUCTUATION:

Location: Antelope Valley, South of Lancaster

Ground Surface Elevation: 2512 ft above MSL

STATION	9962C	9962B	9962D	9974
	WS Elev.	WS Elev.	WS Elev.	WS Elev.
Mar-95				2149
Apr-95				2149
Jun-95				2148
Jul-95				2151
Oct-97				2253
Dec-98				2278

CUSTODIAN:

Unpublished information may be obtained by contacting:

County of Los Angeles
Department of Public Works
Water Resources Division
P.O. Box 1460
Alhambra, CA 91802-1460

...or telephone: (626) 458-6120