

CASITAS MUNICIPAL WATER DISTRICT

HYDROLOGY REPORT

WATER YEAR 2025

SEPTEMBER 2026

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1. INTRODUCTION

Casitas Municipal Water District (CMWD or Casitas), in cooperation with the Ventura County Watershed Protection District (VCWPD) and the U.S. Geological Service (USGS), collects hydrology data on the Ventura River system. Figure 1-1 shows the watershed boundaries, including drainage areas, stream gaging stations, and weather stations. The hydrology data is a valuable asset for developing an understanding of the water resources of the Ventura River system. Since 1981, CMWD has summarized this data in a series of annual reports. This report presents information and data for the 2024–2025 Water Year (WY 2025). Data is also presented for Calendar Year 2025 for comparison to historical records.

Casitas acquired the Ojai Water System in June 2017, which serves a population of 6,801 as of December 31, 2020. The primary water source for this system is a wellfield that draws from the Ojai Valley Groundwater Basin (OVGB), located within the San Antonio Creek Watershed, a sub-basin to the Ventura River Watershed. The Ojai Water System is supplemented by surface water deliveries from Lake Casitas (also referred to as Casitas Reservoir herein), particularly in times of drought and/or high demand when aquifers are typically depleted and well production is reduced or limited.

WY 2023 marked the end of a prolonged drought period in Ventura County, with above-average precipitation replenishing groundwater supplies and increasing Lake Casitas water levels to their highest point since 2012. WY 2024 continued this trend of favorable hydrologic conditions, with seasonal precipitation sufficient to sustain stream flows and maintain elevated reservoir storage. WY 2025 was considerably dryer than the two previous water years.

Data from an additional rainfall station located on Ojai’s East End and a San Antonio Creek gaging station are included in this report to reflect hydrologic conditions within the San Antonio Creek Watershed. Ojai Water System sources and deliveries are also included.

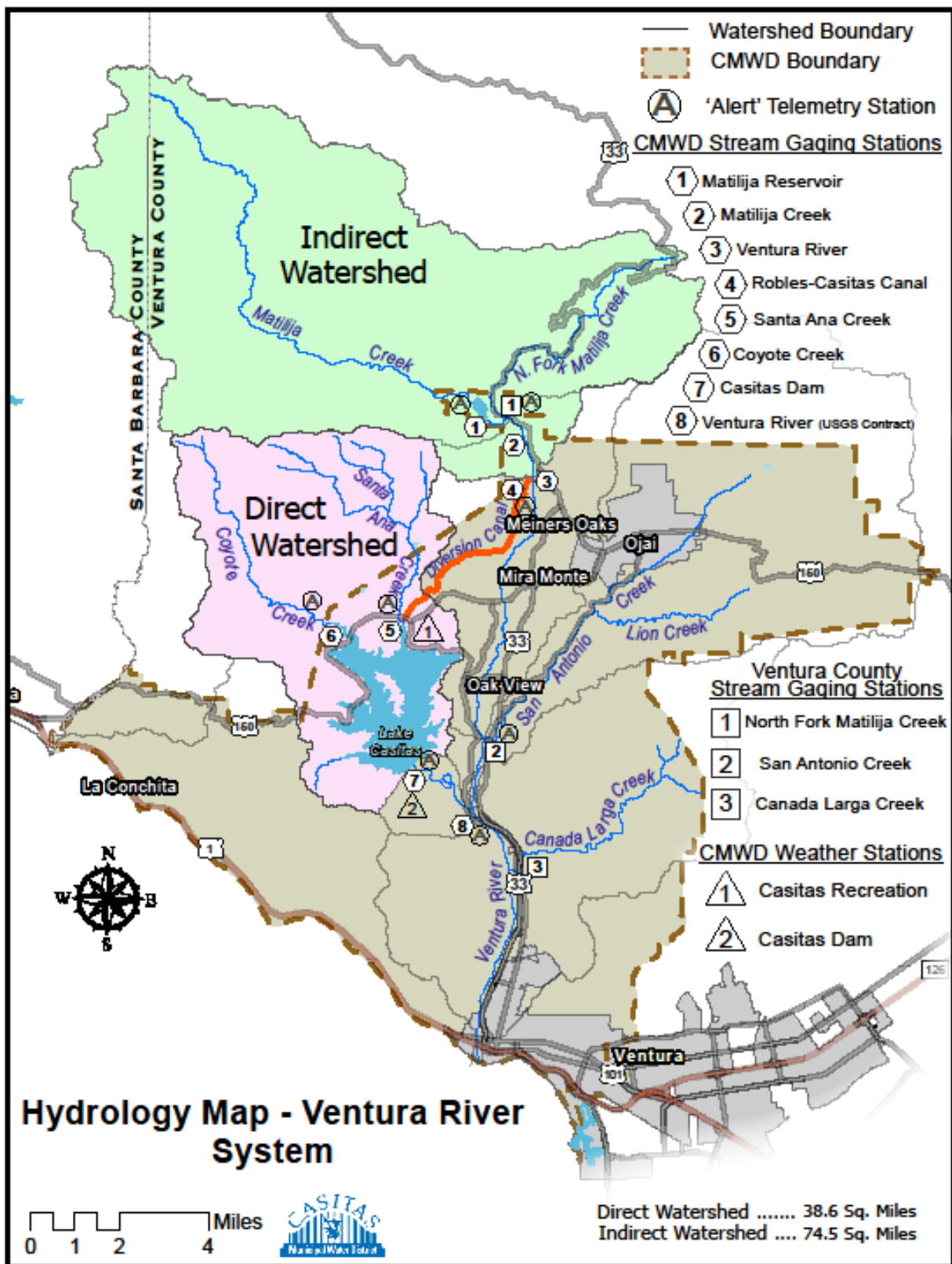


FIGURE 1-1 – Watershed of Lake Casitas

2. WATER YEAR 2025 SUMMARY

The Water Year (WY) is a standard used for reporting hydrological cycles. It begins on October 1 of the preceding year and ends September 30 of the named water year. For this report:

- WY 2025 began on October 1, 2024, and ended September 30, 2025

There are four key elements of collected data evaluated this report: 1) rainfall, 2) streamflow conditions, 3) lake storage and system deliveries and 4) ambient air temperatures. Each of these elements are monitored and recorded by CMWD on a daily basis. The following subsections are summaries of the hydrologic characteristics of WY 2025.

2.1.Rainfall

Rainfall and evaporation data are collected on a daily basis by Casitas at two stations, one at the Casitas Dam and one at the Lake Casitas Recreational Area (LCRA). The methods for data collection are standardized for consistency. Rainfall data for Matilija Dam and Thacher School are obtained from VCWPD. Raw data is provided in Appendix A.

2.1.1. WY 2025

The average of the four rainfall stations was 11.52 inches for WY 2025. This is below the long-term average of 24.21 inches. Casitas Dam received 11.32 inches, Lake Casitas Recreation received 10.75 inches, Matilija Dam received 13.86 inches, and Thacher School received 10.16 inches.

The bulk of precipitation at Casitas Dam fell in the months of February through March when cumulative monthly rainfall was 6.13 and 3.07 inches, respectively. The highest daily rainfall was recorded on February 14, 2025, with 4.20 inches of rainfall measured at Matilija Dam.

2.2.Streamflow Conditions

Streamflow conditions are assessed by collecting data at key points in the Ventura River system. Gage station locations are shown in Figure 1-1. Mean daily stream flow data is included in Appendix B.

2.2.1. WY 2025

Preliminary data provided by VCWPD indicates discharge from North Fork Matilija Creek totaled 161 acre-feet (AF) between October 1, 2024, and September 30, 2025. This data is incomplete at the time this report was prepared and is the best approximation at this time. Discharge from Matilija Dam measured at the Matilija Hot Springs gage totaled 5,610 AF with a peak mean daily flow of approximately 248 cubic feet per second (cfs) on March 13, 2025¹.

Surface flow at the measurement weir at the Robles Diversion and Fish Passage Facility (Robles) was present from October 1, 2024, through August 26, 2025, on September 14, 2025, and again from September 18, 2025, through September 30, 2025. During that period, 8,505 AF was released downstream².

¹ Matilija Dam measurement from data compiled by CMWD based on instantaneous readings shown as an average daily flow in Appendix B.

² Robles weir measurement from data compiled by CMWD based on instantaneous readings shown as an average daily flow in Appendix B.

Diversions to Lake Casitas began on February 6, 2025. Prior to February 6, all inflow was released downstream to allow for aquifer levels to rise to the extent that would be expected under natural conditions for the time of year and type of year (*Trial Operating Criteria for Robles Casitas Diversion Facilities, 1959*). The diversion canal was operated for 11 days and 560 AF was diverted during WY 2025 as shown in Table 2-1³.

Table 2-1
WY 2025 Diversions

Month	Days	Volume Diverted (AF)
October 2024	0	0
November 2024	0	0
December 2024	0	0
January 2025	0	0
February 2025	6	256
March 2025	5	304
April 2025	0	0
May 2025	0	0
June 2025	0	0
July 2025	0	0
August 2025	0	0
September 2025	0	0
TOTAL	11	560

There were two (2) storm peaks that met the Biological Opinion parameters to initiate supplemental downstream releases for fish passage as shown in Table 2-2. Downstream release requirements were met when Robles inflow was sufficient to do so. All flow was released downstream when inflow was less than the required supplemental release⁴. More detailed information is available in the 2025 Robles Fish Passage Facility Progress Report.

Table 2-2
WY 2025 Storm Peaks

Date	Peak Storm Flow Rate (cfs)
February 13, 2025	726-1,073*
March 13, 2025	400-450*

*Note: Flow estimated by Fisheries staff

Coyote Creek and Santa Ana Creek drainage areas contribute directly to Lake Casitas storage. Coyote Creek, and to a lesser extent Santa Ana Creek, gaging station continues to be impacted by sediment transport and re-channelization, rendering poor quality flow data. Direct inflow into Lake Casitas, which is reported in the Casitas Reservoir Operation data (Appendix C), was used as a surrogate for Coyote and Santa Ana creeks as the major tributaries, but also accounts for other direct runoff including smaller tributaries such as Ayers, Chismahoo, Willow, and Poplin Creeks. Direct inflow is a zero-sum calculation and accounts for change in Lake Casitas storage not accounted for by precipitation, Ventura River Diversions, evaporation, and releases to the Marion Walker Water Treatment Plant. This

³ Robles canal measurement from data compiled by CMWD based on instantaneous readings shown as an average in Appendix B.

⁴ Storm peak flows can be found in Appendix C.

value may be negative at times which is attributed to approximation in evaporation coefficients and water loss to infiltration. Only months with positive direct inflow values are considered as a surrogate for true direct inflow into Lake Casitas and totaled 1,513 AF for WY 2025 with February 2025 accounting for 735 AF of total direct inflow as shown in Table 2-3⁵.

Table 2-3
WY 2025 Casitas Reservoir Direct Inflow

Month	Direct Flow Volume (AF) ⁶
October 2024	N/A
November 2024	N/A
December 2024	N/A
January 2025	N/A
February 2025	735
March 2025	441
April 2025	159
May 2025	165
June 2025	N/A
July 2025	N/A
August 2025	13
September 2025	N/A
TOTAL	1,513

2.3.Lake Storage and System Deliveries

Water storage volumes for system reservoirs, Casitas Dam and Matilija Dam, were ascertained by the daily recording of the reservoir elevation and applying the elevation number to a storage table for each reservoir. Casitas Reservoir data is included in Appendix D and Matilija Reservoir Data is provided in Appendix E. Casitas did not exercise water rights to divert water released from Matilija Dam. System delivery data for Mira Monte Well and the Ojai Water System can be found in Appendix F.

2.3.1. WY 2025

Lake Casitas Reservoir had a net decrease in water storage for WY 2025. Lake elevation was 564.13 feet above mean sea level (MSL) on October 1, 2024, and ended on September 30, 2025, at 558.48 feet above MSL, corresponding to 215,700 AF of storage in Lake Casitas at the end of the WY. The reservoir's 5.65-foot decrease in elevation resulted in a net loss of 14,467 AF. Storage increased by 2,531 AF during a 41-day period from February 4, 2025, to March 17, 2025; net monthly storage losses occurred outside of that period.

A new Casitas Reservoir storage rating table was adopted after completion of a LIDAR and bathymetric study resulting in a re-calculated reservoir capacity of 237,761 acre-feet (down from the original 254,000 acre-feet). This table was implemented on October 1, 2017 (start of WY 2018) and Casitas Reservoir storage reported from that date forward reflects this adjustment.

⁵ Direct inflow into Lake Casitas is shown in Appendix D.

⁶ N/A indicates the month is not applicable because the value was negative.

Water deliveries from the reservoir to the main conveyance system totaled 9,090 AF for the Calendar Year. This is up 6 percent from 2024 and down 10 percent from the average deliveries during the previous ten years. Mira Monte well production was 161 AF during WY 2025. Deliveries within the Ojai Water System totaled 1,691 AF during WY 2025; 1,676 AF of which was sourced from the Ojai Water System Wellfield with the additional 15 AF coming from Lake Casitas.

2.4.Ambient Air Temperatures

Data was recorded by CMWD staff at two locations, Casitas Dam and LCRA. These measurements are made on a daily basis and include the maximum and minimum ambient air temperatures. This data is included in Appendix G.

2.4.1. CY 2025

No temperature records of note occurred during the 2025 calendar year.

3. HYDROLOGY STATIONS

Table 3-1 shows responsible agencies for various hydrology stations throughout the watershed.

Table 3-1
Hydrology Stations

Type	Location	Agency
Reservoir	Casitas Dam	Casitas/VCWPD
Reservoir	Matilija Dam	VCWPD
Rainfall and Evaporation	LCRA	Casitas
Rainfall and Evaporation	Casitas Dam	Casitas
Rainfall	Matilija Dam	VCWPD
Rainfall	Thacher School	VCWPD
Streamflow	Matilija Creek at Matilija Hot Springs	Casitas/VCWPD
Streamflow	Ventura River Near Meiners Oaks	Casitas
Streamflow	Robles-Casitas Canal	Casitas
Streamflow	Ventura River near Ventura (Foster Park)	USGS
Streamflow	North Fork Matilija at Matilija Hot Springs	VCWPD
Streamflow	San Antonio Creek at Old Creek Road	VCWPD
Streamflow	Santa Ana Creek near Oak View	Casitas/VCWPD
Streamflow	Coyote Creek near Oak View	Casitas/VCWPD

3.1.Historical Hydrology Period 1959 through 2025

The historical data was updated for the reporting period and is presented in Figure 3-1 for the period from 1959 through 2025. The historical data includes summaries for the Casitas Reservoir operation, Robles Diversion, rainfall, and ambient air temperature. Storage volume, represented by a solid line, is reservoir storage at the start of each calendar year (elevation measured on last day of previous calendar year). Rainfall, represented by data points with

drop lines, is the three-station water year average for Casitas Dam, LCRA, and Matilija Dam rain gages. Reservoir volume prior to 1970 (not shown) represents initial filling period after Casitas Dam completion in 1959⁷.

The change in Lake Casitas capacity was made due to performance of a bathymetric survey in 2017 which decreased the original volume of 254,000 AF to 237,761 AF. Calendar year 2025 provided a net decrease in the storage volume as shown in Figure 3-1.

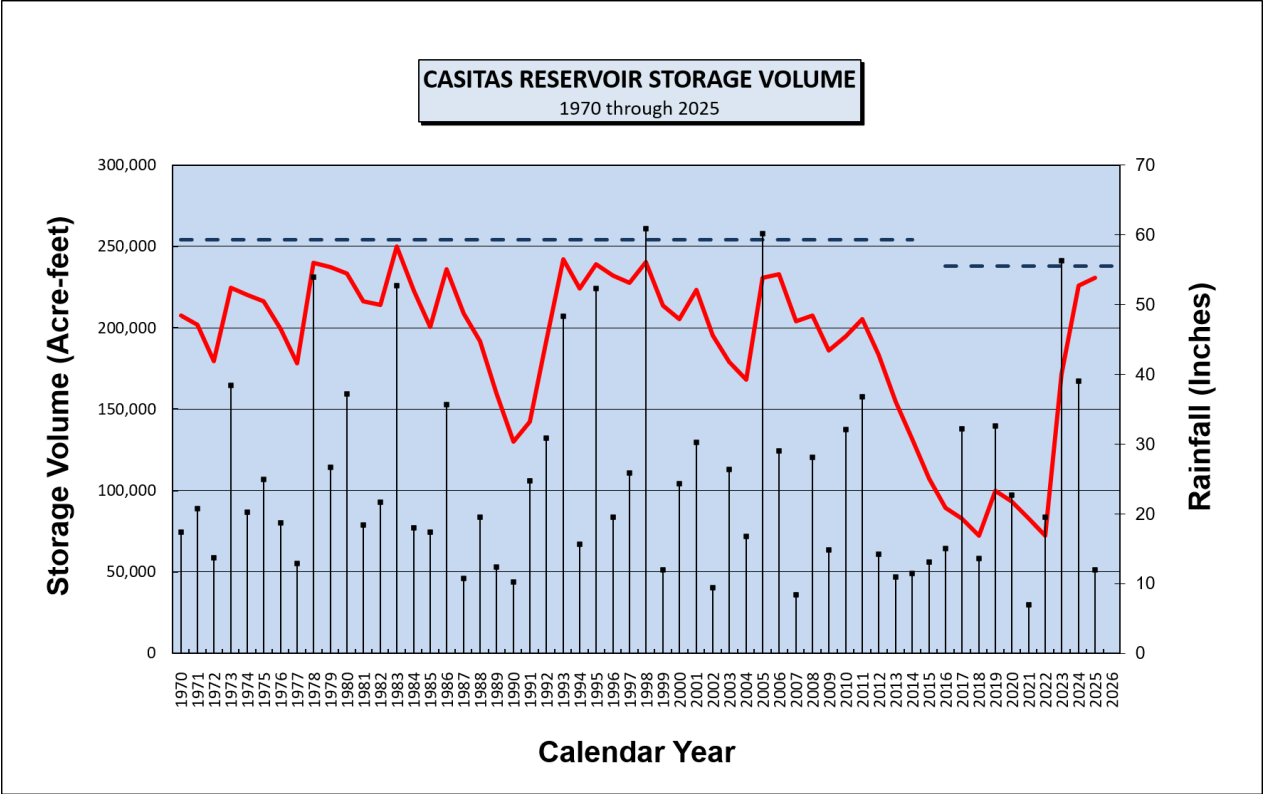


FIGURE 3-1 – Casitas Reservoir Storage Volume 1970-2025

3.2.Trends

The historical section of this summary report contains data tables and figures to illustrate trends experienced by CMWD pertaining to rainfall and water use.

3.2.1. Ten-Year Moving Average of Mean Precipitation

The trend presented in Figure 3-2 is a ten-year moving average of precipitation from 1880 to present and was created by calculating an average of a water year’s three-station average rainfall combined with the previous nine years. The ten-year moving average is represented by the solid line traversing across the overall average for the period (24.97 inches). Rainfall data for all three stations are available since 1959, rainfall prior to 1959 was assembled using comparable nearby stations and/or correlation factors with other available stations within the

⁷ Historical hydrology data is provided in Appendix H.

watershed. The trend has resulted in what appears to be a somewhat sinusoidal curve, illustrating reoccurring periods of wet and dry conditions.

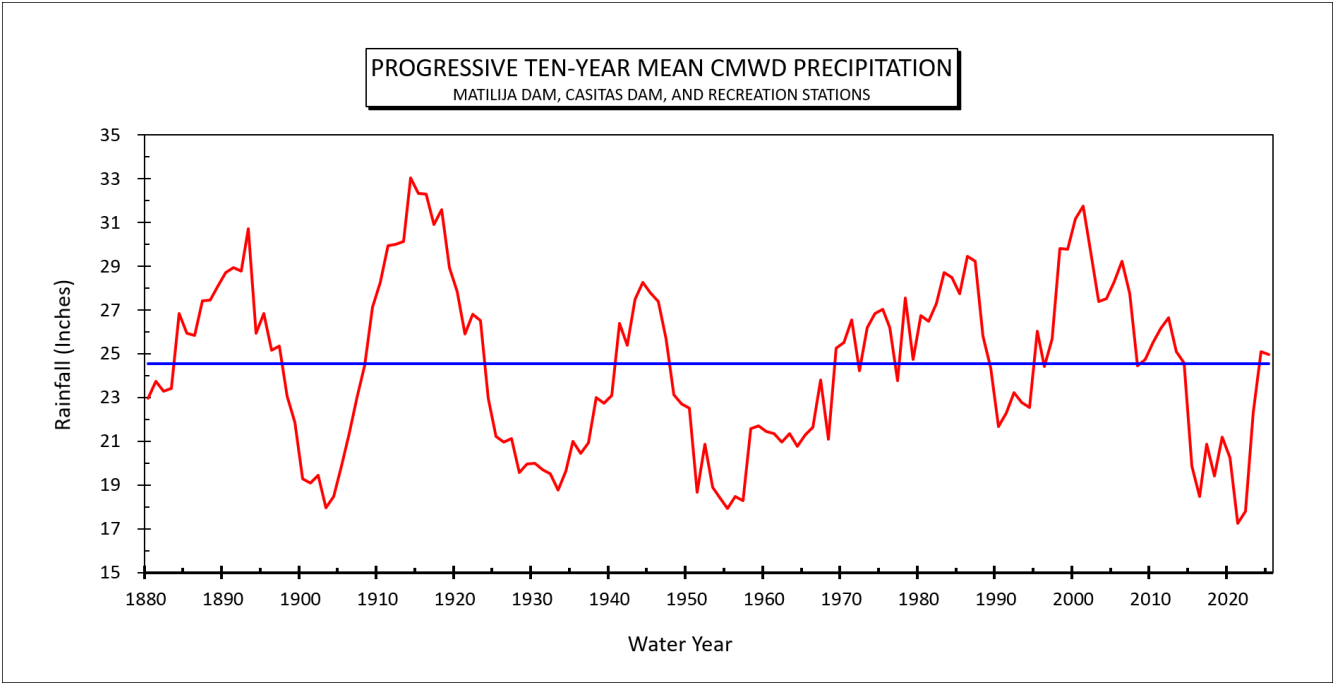


FIGURE 3-2 – Progressive Ten-Year Mean Precipitation

Appendix A

Rainfall Data

VENTURA COUNTY, CALIFORNIA
WATER SURVEY
DAILY RAINFALL RECORD

STATION: **Casitas Dam**
OBSERVER: CMWD Damtender
AUTHORITY: Casitas Municipal Water District
ADDRESS: P.O. Box 37, Oak View, CA 93022
COMPILED: V. Clary

NUMBER: 4
OBSER. TIME: 0800
LATITUDE: 34d22m
LONGITUDE: 119d20m
ELEV:

2024-2025

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							0.01					
2												
3		0.02				0.04						
4												
5					1.22							
6					0.47	0.31						
7					1.51	0.03						
8												
9												
10												
11						0.06						
12					0.13	0.25						
13					1.01	1.48						
14					1.79	0.02						
15						0.53						
16												
17												
18						0.04						0.12
19												0.12
20												
21												
22												
23												
24		0.18										0.27
25		0.01	0.01									
26		0.01		0.15			0.22					
27		0.26		0.55		0.01	0.15					
28												
29			0.02									
30			0.01			0.10						
31			0.01			0.20						
Mo Total		0.48	0.05	0.70	6.13	3.07	0.38					0.51
Yr Total		0.48	0.53	1.23	7.36	10.43	10.81	10.81	10.81	10.81	10.81	11.32

Rainfall in inches

VENTURA COUNTY, CALIFORNIA
WATER SURVEY
DAILY RAINFALL RECORD

STATION: **Lake Casitas Recreation Area**
OBSERVER: CMWD Recreation staff
AUTHORITY: Casitas Municipal Water District
ADDRESS: P.O. Box 37, Oak View, CA 93022
COMPILED: V. Clary

NUMBER: 204
OBSER. TIME: 0800
LATITUDE: 34d25m
LONGITUDE: 119d20m
ELEV: 592

2024-2025

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5					1.05							
6					0.15	0.25						
7					1.35							
8												
9												
10												
11						0.21						
12					0.10	0.69						
13					1.07	1.36						
14					1.68	0.10						
15					0.04	0.40						
16					0.01							
17												
18												0.10
19												0.18
20												
21												
22												
23												
24		0.18										0.20
25		0.15	0.01									
26		0.02		0.20			0.42					
27		0.25		0.39								
28												
29			0.02									
30			0.01									
31			0.01			0.15						
Mo Total		0.60	0.05	0.59	5.45	3.16	0.42					0.48
Yr Total		0.60	0.65	1.24	6.69	9.85	10.27	10.27	10.27	10.27	10.27	10.75

Rainfall in inches

VENTURA COUNTY, CALIFORNIA
WATER SURVEY
DAILY RAINFALL RECORD

STATION: **Matilija Dam**

NUMBER: 134

OBSERVER: Automated

OBSER. TIME: 0800

AUTHORITY: Ventura County Watershed Protection District

LATITUDE: 34°29' N

ADDRESS: 800 S. Victoria Ave, Ventura, CA 93009

LONGITUDE: 119°18' W

COMPILED: Hydrologist

ELEV: 1060 ft

2024-2025

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4							0.01					
5					1.27			0.01				
6					0.25	0.28						
7					2.21	0.05						
8						0.01						
9												
10												
11						0.12						
12					0.02	0.03						
13					1.34	1.70						
14					4.20							
15						0.34						
16												
17												
18						0.04						0.10
19												0.34
20												
21												
22												
23												
24		0.10										0.01
25		0.01										0.01
26		0.11		0.17			0.31					
27		0.15		0.40			0.06					
28							0.01					0.01
29							0.01					
30						0.09						
31						0.09						
Mo Total		0.37		0.57	9.29	2.75	0.40	0.01				0.47
Yr Total		0.37	0.37	0.94	10.23	12.98	13.38	13.39	13.39	13.39	13.39	13.86

Rainfall in inches

VENTURA COUNTY, CALIFORNIA
WATER SURVEY
DAILY RAINFALL RECORD

STATION: **Ojai - Thacher School**

NUMBER: 059

OBSERVER: Automated

OBSER. TIME: 0800

AUTHORITY: Ventura County Watershed Protection District

LATITUDE: 34°28' N

ADDRESS: 800 S. Victoria Ave, Ventura, CA 93009

LONGITUDE: 119°10' W

COMPILED: Hydrologist

ELEV: 1440 ft

2024-2025

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3		0.01				0.01		0.01				
4							0.15	0.08				
5					0.73	0.01						
6					0.08	0.42		0.03				
7					1.12	0.12		0.11				
8					0.07			0.01				
9												
10												
11						0.01						
12					0.02	0.02						
13					0.70	1.81						
14					2.29	0.03						
15						0.31						
16												
17								0.03				
18						0.07		0.03				0.12
19												0.10
20							0.01					
21												
22												
23												
24		0.13					0.01					
25		0.02					0.01					
26		0.06		0.16		0.03	0.20					
27		0.21		0.59		0.02	0.09					
28						0.02						
29												
30						0.08						
31						0.02						
Mo Total		0.43		0.75	5.01	2.98	0.47	0.30				0.22
Yr Total		0.43	0.43	1.18	6.19	9.17	9.64	9.94	9.94	9.94	9.94	10.16

Rainfall in inches

**Data is preliminary and subject to revision - VCWPD*

Appendix B
Streamflow Gaging Station Data

Matilija Creek at Matilija Hot Springs

USGS #: 11115500
VCWPD #: 602B
DATE INSTALLED: 10/1927
MAINTAINED BY: CMWD/VCWPD

LATITUDE: 34°28'58" N
LONGITUDE: 119°18'7" W
ELEVATION: 900 ft
DRAINAGE AREA: 54 sq mi

WATER YEAR OCTOBER 2024 TO SEPTEMBER 2025
Daily Mean Discharge, cubic feet per second

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7	6	7	7	7	9	12	7	4	2	2	1
2	7	7	7	7	6	9	12	8	4	2	2	1
3	7	6	7	7	6	9	12	7	4	2	2	1
4	7	6	7	7	7	9	12	8	5	3	2	1
5	7	7	7	7	11	10	10	7	4	3	2	1
6	7	6	7	7	11	10	10	7	4	2	2	1
7	7	7	7	7	14	9	9	7	4	3	2	1
8	7	7	7	7	10	9	9	7	4	2	1	1
9	7	7	7	7	9	8	9	6	4	2	2	1
10	7	6	7	7	9	8	9	6	4	2	2	1
11	7	7	8	7	9	9	8	6	4	2	2	1
12	7	6	8	7	9	10	8	6	4	2	2	1
13	7	7	8	7	105	248	8	6	4	2	2	1
14	7	6	8	7	61	74	8	6	4	2	2	1
15	7	7	8	7	27	53	8	6	3	2	2	1
16	7	7	8	7	21	39	8	6	3	2	2	1
17	7	7	8	7	19	33	9	6	3	2	2	1
18	7	7	7	7	17	30	9	6	3	2	2	1
19	7	7	7	7	14	26	8	5	3	2	2	1
20	7	7	7	7	13	23	8	5	3	2	1	0
21	7	8	7	7	12	21	8	5	3	2	1	0
22	7	7	7	7	12	19	8	5	3	2	1	0
23	7	8	7	7	11	17	8	5	3	2	1	0
24	7	8	7	7	10	16	8	5	3	2	1	0
25	7	8	7	7	10	14	8	5	3	2	1	0
26	8	8	7	8	10	14	9	5	3	2	1	0
27	9	8	7	8	9	14	9	5	3	2	1	0
28	9	8	7	7	9	13	8	5	3	2	1	0
29	9	8	7	7	----	13	8	5	3	2	1	0
30	8	8	7	7	----	13	7	5	3	2	1	0
31	6	----	7	7	----	13	----	4	----	2	1	----
TOTAL	226	210	228	218	467	801	265	178	104	68	45	18
MEAN	7	7	7	7	17	26	9	6	3	2.20	1	1
MAX	9.3	8	8	8	105	248	12	8	5	3	2	1
MIN	6	6	7	7	6	8	7	4	3	2	1	0
ACRE FT	447	416	453	433	927	1589	525	352	205	135	89	36

Estimated daily data

These data are preliminary and subject to change until checked and evaluated by Ventura County. Unverified data may contain errors that have not been checked by Hydrology staff. Ventura County does not guarantee the accuracy of these data; please note that flows may vary considerably during each day and from day to day.

North Fork Matilija Creek at Matilija Hot Springs

USGS #: 11116000
 VCWPD #: 604
 DATE INSTALLED: 01/1934
 MAINTAINED BY: VCWPD

LATITUDE: 34°29'34" N
 LONGITUDE: 119°18'23" W
 ELEVATION: 1142 ft
 DRAINAGE AREA: 15.8 sq mi

WATER YEAR OCTOBER 2024 TO SEPTEMBER 2025

Daily Mean Discharge, cubic feet per second

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP																					
1																																	
2																																	
3													3																				
4																																	
5																								3									
6																																	
7																																	
8												3																					
9																																	
10																																	
11																																	
12												4																					
13																							50										
14																																	
15																																	
16																																	
17												1																					
18																																	
19																							5										
20																																	
21	2.9																																
22																																	
23																																	
24																																	
25																																	
26																																	
27																																	
28																																	
29													3.1																				
30																								---									
31	---																																
31												---																					
TOTAL	3	3	3	3	8	54	3	2		1	1												1										
MEAN	0	0	0	0	0	2	0	0		0	0	0																					
MAX	3	3	3	3	5	50	3	2		1	1	1																					
MIN																																	
ACRE FT	6	6	6	6	15	106	6	4		3	2	2																					

Estimated daily data

These data are preliminary and subject to change until checked and evaluated by Ventura County. Unverified data may contain errors that have not been checked by Hydrology staff. Ventura County does not guarantee the accuracy of these data; please note that flows may vary considerably during each day and from day to day.

Ventura River near Meiners Oaks (Robles)

USGS #: 11116550
VCWPD #: 607
DATE INSTALLED: 05/1959
MAINTAINED BY: CMWD

LATITUDE: 34°27'49" N
LONGITUDE: 119°17'26" W
ELEVATION: 740 ft
DRAINAGE AREA: 74 sq mi

WATER YEAR OCTOBER 2024 TO SEPTEMBER 2025

Daily Mean Discharge, cubic feet per second

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	14	14	14	14	18	20	13	7	2	1	
2	14	14	14	14	13	18	20	14	7	2	1	
3	14	14	14	14	13	18	19	14	8	2	1	
4	14	13	14	14	13	18	19	14	8	3	1	
5	14	15	14	14	20	20	19	14	8	2	1	
6	14	14	14	13	19	20	18	14	8	2	1	
7	14	13	14	13	23	19	17	14	8	5	1	
8	14	14	14	13	20	18	17	13	8	1	1	
9	14	14	14	13	18	17	16	12	7	1	1	
10	14	14	14	13	18	16	15	11	7	1	1	
11	14	14	14	13	17	17	14	11	6	1	1	
12	14	14	14	13	17	19	15	10	5	1	1	
13	14	14	14	13	224	51	15	10	5	1	1	
14	14	13	14	14	37	36	15	10	5	1	1	0.2
15	15	14	14	14	42	35	15	10	6	1	1	
16	15	14	14	13	33	32	16	10	5	2	1	
17	15	14	14	14	29	32	16	10	4	2	1	
18	15	14	14	14	27	31	15	11	4	1	0.9	0.8
19	14	14	14	14	25	28	15	11	3	1	0.8	1
20	14	13	14	14	23	27	15	10	4	2	0.4	1
21	14	15	14	13	22	26	14	9	4	1	0.4	1
22	14	14	14	13	22	24	14	9	4	1	0.3	1
23	13	14	14	13	21	24	14	9	4	1	0.2	0.8
24	14	14	14	12	20	23	15	9	4	1	0.7	0.4
25	14	15	14	13	19	22	14	9	4	1	0.5	0.8
26	14	16	14	16	19	21	16	9	3	2	0.1	1
27	13	15	14	16	18	21	16	8	2	2		1
28	14	15	14	15	17	20	15	8	2	3		1
29	14	15	14	15	---	20	14	8	3	1		1
30	14	14	14	14	---	21	14	7	3	1		1
31	14	---	14	14	---	21	---	7	---	1		---
TOTAL	434	421	434	420	802	731	475	329	156	53	21	12
MEAN	14	14	14	14	29	24	16	11	5	2	1	0.4
MAX	15	16	14	16	224	51	20	14	8	5	1	1
MIN	13	13	14	12	13	16	14	7	2	1		
ACRE FT	861	836	861	833	1590	1451	943	652	309	105	41	24

Data is provisional and subject to revision

Robles-Casitas Canal (First Bridge)

USGS #:
VCWPD #:
DATE INSTALLED:
MAINTAINED BY:

N/A
N/A
1958
CMWD

LATITUDE:
LONGITUDE:
ELEVATION:
DRAINAGE AREA:

34°27'43" N
119°17'34" W
770 ft
N/A

WATER YEAR OCTOBER 2024 TO SEPTEMBER 2025
Daily Mean Discharge, cubic feet per second

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6					1							
7					6							
8												
9												
10												
11												
12												
13					61	127						
14					59	16						
15					1	7						
16					0.06	3						
17						0.35						
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL					129	153						
MEAN					5	5						
MAX					61	127						
MIN												
ACRE FT					256	304						

Data is provisional and subject to revision.

Ventura River near Ventura (Foster Park)

USGS #: 11118500
 VCWPD #: 608
 DATE INSTALLED: 10/1929
 MAINTAINED BY: USGS, Water Resources Division

LATITUDE: 34°21'09" N
 LONGITUDE: 119°18'29" W
 ELEVATION: 205 ft
 DRAINAGE AREA: 187 sq mi

WATER YEAR OCTOBER 2024 TO SEPTEMBER 2025
 Daily Mean Discharge, cubic feet per second

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	16	13	11	9	16	20	13	9	7	6	4
2	16	16	13	11	9	16	20	13	9	7	6	4
3	16	16	13	11	9	16	19	13	9	7	6	4
4	16	16	13	11	10	16	19	12	10	7	6	4
5	16	16	13	11	12	16	19	12	10	7	6	4
6	16	16	13	10	13	17	18	12	9	7	5	4
7	16	16	13	11	17	16	18	12	9	7	5	4
8	16	16	13	11	12	16	18	11	9	7	5	4
9	16	16	13	11	11	16	17	11	9	7	5	4
10	16	16	13	11	11	16	17	11	9	7	5	4
11	16	16	13	10	11	16	17	11	9	7	5	4
12	16	15	13	10	11	16	16	11	9	7	5	5
13	16	15	12	10	240	87	16	10	9	7	5	5
14	16	15	12	10	84	45	16	10	9	7	5	5
15	16	15	12	10	43	41	16	10	9	7	5	5
16	17	15	12	10	30	32	15	10	9	7	5	5
17	17	15	12	10	24	30	15	11	8	7	5	5
18	16	15	12	9	21	30	15	10	8	6	5	5
19	16	15	12	9	19	28	15	10	8	6	5	5
20	16	14	12	9	18	27	14	10	8	6	5	5
21	17	14	12	10	17	26	14	10	8	6	5	5
22	17	14	12	10	17	25	14	10	8	6	5	5
23	16	14	11	10	16	24	14	10	8	6	5	5
24	16	14	12	10	16	23	14	10	8	6	5	5
25	16	14	12	10	16	22	13	10	8	6	5	5
26	16	14	11	10	16	22	14	10	8	6	5	5
27	16	14	11	10	16	22	14	10	8	6	5	5
28	16	14	11	10	16	21	13	10	8	6	4	5
29	16	14	11	10	---	21	13	10	8	6	4	5
30	16	14	11	10	---	21	13	9	8	6	4	5
31	16	---	11	10	---	21	---	9	---	6	4	---
TOTAL	497	451	376	312	744	761	474	329	257	205	157	142
MEAN	16	15	12	10	27	25	16	11	9	7	5	5
MAX	17	16	13	11	240	87	20	13	10	7	6	5
MIN	16	14	11	9	9	16	13	9	8	6	4	4
ACRE FT	987	894	745	619	1476	1509	941	652	509	408	311	281

San Antonio Creek at Old Creek Rd

USGS #: 11117500
VCWPD #: 605A
DATE INSTALLED: 10/1949
MAINTAINED BY: VCWPD

LATITUDE: 34°22'57" N
LONGITUDE: 119°18'10" W
ELEVATION: 312 ft
DRAINAGE AREA: 51.2 sq mi

WATER YEAR OCTOBER 2024 THROUGH SEPTEMBER 2025
Daily Mean Discharge, cubic feet per second

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4	4	4	4	6	2	2	2	2	1	0.80	0.52
2	4	4	4	4	6	2	2	2	2	1	0.78	0.51
3	3	4	4	4	6	3	2	2	2	1	0.77	0.51
4	3	3	4	4	6	3	2	2	2	1	0.76	0.50
5	3	4	4	4	12	4	2	2	2	1	0.74	0.49
6	2	3	3	2	17	6	2	2	2	1	0.73	0.48
7	2	4	3	0	9	5	2	2	2	1	0.72	0.48
8	2	4	3	0	2	4	2	2	2	1	0.71	0.47
9	2	4	3	0	1	4	2	2	2	1	0.70	0.46
10	2	4	4	0.02	2	5	2	2	1	1	0.68	0.46
11	2	4	4	0.25	2	5	2	2	1	1	0.67	0.45
12	2	4	4	0.31	3	5	2	2	1	1	0.66	0.44
13	3	4	4	0.66	66	47	2	2	1	1	0.66	0.43
14	3	4	5	2	23	15	2	2	1	1	0.65	0.43
15	3	4	6	1	8	11	2	2	1	1	0.64	0.42
16	4	4	5	0.87	7	9	2	2	1	1	0.63	0.41
17	5	3	5	1	6	7	2	2	1	0.98	0.63	0.41
18	5	4	5	2	4	7	2	2	1	0.97	0.62	0.40
19	5	3	5	2	2	7	2	2	1	0.96	0.61	0.39
20	4	3	5	0.56	0.15	6	2	2	1	0.95	0.61	0.38
21	4	4	4	2	0.02	4	2	2	1	0.93	0.60	0.38
22	4	4	4	3	0.10	3	2	2	1	0.92	0.59	0.37
23	3	5	4	2	0.61	3	2	2	1	0.91	0.58	0.36
24	3	5	4	2	1	2	2	2	1	0.90	0.58	0.36
25	3	5	5	2	1	2	2	2	1	0.88	0.57	0.35
26	3	4	4	5	2	2	2	2	1	0.87	0.56	0.34
27	2	5	4	7	2	2	2	2	1	0.86	0.56	0.33
28	2	4	4	6	2	2	2	2	1	0.85	0.55	0.33
29	2	4	4	6	-----	2	2	2	1	0.83	0.54	0.32
30	3	4	4	6	-----	2	2	2	1	0.82	0.53	0.31
31	3	-----	4	6	-----	2	-----	2	-----	0.81	0.53	-----
TOTAL	93	117	127	77	195	184	71	59	41	31	20	12
MEAN	3	4	4	2	7	6	2	2	1	1	0.64	0.42
MAX	5	5	6	7	66	47	2	2	2	1	0.80	0.52
MIN	2	3	3	0	0.02	2	2	2	1	0.81	0.53	0.31
ACRE FT	185	232	252	153	387	365	140	116	82	61	40	25

Estimated daily data

These data are preliminary and subject to change until checked and evaluated by Ventura County. Unverified data may contain errors that have not been checked by Hydrology Staff. Ventura County does not guarantee the accuracy of these data; please note that flows may vary considerably during each day and from day to day.

Appendix C

Fisheries Storm Peak Logs

Flow Assessment at Robles Diversion and Fish Passage Facility

Standard and Critical Drought Protection Measures (Stage 3-4, 100k - 65k af)

Date: 2-14-25 Time: 08:30 Prepared by: Scott Lewis

Storm Peak Discharge			
Location	date	time	cfs
North Fork Matilija Cr	2-13	15:55	894 [*] /57
Matilija Cr above dam		16:10	725/646
Matilija Dam		*	→
Matilija Cr at Hot Spr.		18:30	468
Robles Canal		18:45	101
Robles Weir		↓	972
↓			
Total Robles Inflow	2-13	18:45	726-1073
BO Defined Storm Event: (Y) N SW+C+FW/W+C			

VR-Foster VC 2-13 17:35 1022
 VR-Foster us6s 17:45 1260
 SANC 16:40 594

Current Discharge (Day 1 after peak)		
Location	time	cfs
North Fork Matilija Cr	07:35	1665 [*] /4
Matilija Cr above Reservoir	07:40	230 [*] /74
Matilija Dam	*	→
Matilija Cr at Hot Springs	07:35	81
Robles Canal	08:10	70
Robles Weir	↓	25
↓		
Total Robles Inflow	08:10	95

VR-Foster VC 07:15 76
 VR-Foster us6s 07:15 101
 SANC 08:00 31

Lake Casitas volume 228,446 (96.1%)

Release/CDPM method:

- ☐ <30 days - M4 - Modified Overlapping Release
☐ ≥30 days - M9 - Matilija Download with Initial Release
☒ Standard Release: ≥ 150 cfs and 2x inflow of any 3 days before peak.
☐ Back-to-Back Release: ≥ 150 cfs and 2x largest flow of last 3 days before peak (days 6-12 only).

* errors

Date Matilija Res. filled: NA

Count of storage days: NA

M9 - Matilija Download							Initial Release			
Day	Date	Robles Release	Robles Inflow Canal	Robles Inflow Weir	Matilija Inflow	Matilija Outflow	Matilija Elevation	Day After Release Peak	Release (cfs)	Determining Inflow (cfs)
1	2-14	50						1	171	334 to 671
2	2-15							2	100	274 to 334
3	2-16							3	82	247 to 274
4	2-17							4	74	227 to 247
5	2-18							5	68	207 to 227
6	2-19							6	62	187 to 207
7	2-20							7	56	167 to 187
8	2-21							8	56	NA
9	2-22	↓						9	50	50 to 167
10	2-23	50						10	50	NA
11	2-24	40						11	40	NA
12	2-25	30						12	30	NA
13										
14										
15										
16										
17										
18										

Back-to-Back Release

Day After Release Peak	Release (cfs)	Determining Inflow (cfs)
1	100	247 to 600
2	74	204 to 247
3	61	181 to 204
4	54	150 to 181
5	50	NA
6	50	NA
7	50	NA
8	50	NA
9	40	NA
10	30	NA

Comments:

Flow Assessment at Robles Diversion and Fish Passage Facility

Standard and Critical Drought Protection Measures (Stage 3-4, 100k - 65k af)

Date: 3-14-25 Time: 09:53 Prepared by: Scott Lewis

Storm Peak Discharge			
Location	date	time	cfs
North Fork Matilija Cr	3-13	02:35	*5436/58
Matilija Cr above dam		02:25	677/599
Matilija Dam		*	→
Matilija Cr at Hot Spr.		04:45	371
Robles Canal		06:00	370
Robles Weir		06:00	49
Total Robles Inflow	3-13	05:15	400-450
BO Defined Storm Event: (Y) N			

VR-Foster VC 3-13 04:00 225
 VR-Foster USGS ↓ 04:15 196
 SANC 3-13 02:45 391

Current Discharge (Day 1 after peak)		
Location	time	cfs
North Fork Matilija Cr	07:35	*1394/10
Matilija Cr above Reservoir	07:40	*212/66
Matilija Dam	*	→
Matilija Cr at Hot Springs	07:35	53
Robles Canal	09:53	17
Robles Weir	↓	32
Total Robles Inflow	09:53	49

VR-Foster VC 08:00 28
 VR-Foster USGS 07:15 37
 SANC 16

Lake Casitas volume 228,733 (96.2%)

Release/CDPM method:

- ☐ <30 days - M4 - Modified Overlapping Release
☐ ≥30 days - M9 - Matilija Download with Initial Release
☒ Standard Release: ≥ 150 cfs and 2x inflow of any 3 days before peak.
☐ Back-to-Back Release: ≥ 150 cfs and 2x largest flow of last 3 days before peak (days 6-12 only).

*errors

Date Matilija Res. filled: NA

Count of storage days: NA

M9 - Matilija Download							Initial Release			
Day	Date	Robles Release	Robles Inflow Canal	Robles Inflow Weir	Matilija Inflow	Matilija Outflow	Matilija Elevation	Day After Release Peak	Release (cfs)	Determining Inflow (cfs)
1	3-14	40						1	171	334 to 671
2	3-15	30						2	100	274 to 334
3	3-16	↓						3	82	247 to 274
4	3-17							4	74	227 to 247
5	3-18							5	68	207 to 227
6	3-19							6	62	187 to 207
7	3-20							7	56	167 to 187
8	3-21							8	56	NA
9	3-22							9	50	50 to 167
10	3-23							10	50	NA
11	3-24	↓						11	40	<50 NA
12	3-25	30						12	30	NA
13										
14										
15										
16										
17										
18										

Comments:

Appendix D

Casitas Reservoir Operational Data

CASITAS RESERVOIR WATER INVENTORY SUMMARY
2024 - 2025 WATER YEAR

figures in acre-feet except where otherwise noted

MONTH	RESERVOIR (last of previous month)		RESERVOIR INFLOW				RESERVOIR RELEASES			
	ELEV (ft)	STORAGE	DIRECT	VENTURA RIVER DIVERSIONS	TOTAL	PRECIP	EVAP	TO MAIN SYSTEM	SPILL	CHANGE IN STORAGE
OCT 2024	564.16	230246	-166	0	-166	0	623	1037	0	-1826
NOV 2024	563.46	228420	-295	0	-295	119	424	645	0	-1245
DEC 2024	562.98	227175	-168	0	-168	11	237	615	0	-1009
JAN 2025	562.59	226166	-139	0	-139	142	361	647	0	-1005
FEB 2025	562.20	225161	735	256	991	1274	406	208	0	1651
MAR 2025	562.84	226812	441	304	745	687	541	217	0	674
APR 2025	563.10	227486	159	0	159	88	752	505	0	-1010
MAY 2025	562.71	226476	165	0	165	0	930	833	0	-1598
JUN 2025	562.09	224878	-53	0	-53	0	1087	938	0	-2078
JUL 2025	561.28	222800	-91	0	-91	0	1266	1092	0	-2449
AUG 2025	560.32	220351	13	0	13	0	1266	1280	0	-2534
SEP 2025	559.32	217817	-304	0	-304	106	764	1155	0	-2117
OCT 2025	558.48	215700	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL			296	559	855	2428	8657	9172	0	-14546

Reservoir Capacity = 237,700 a.f. @ 567 ft.

CASITAS RESERVOIR OPERATION
OCTOBER 2024

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 0800 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation (ft MSL)	Sep 30 th 230246	Surface Area	Ventura River			Pan @Dam	Pan @Rec	Lake	at Dam	at Rec	Lake	To Main	To River	Spill	
		Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total	System			
1	564.13	230167	2667	0	0	0	0.14	0.18	27	0	0	0	52	0	0	-79
2	564.11	230115	2667	21	0	21	0.16	0.15	26	0	0	0	47	0	0	-52
3	564.08	230037	2666	-9	0	-9	0.05	0.20	21	0	0	0	48	0	0	-78
4	564.05	229958	2666	-20	0	-20	0.10	0.10	17	0	0	0	43	0	0	-79
5	564.02	229880	2666	-2	0	-2	0.28	0.24	43	0	0	0	33	0	0	-78
6	564.00	229828	2666	10	0	10	0.15	0.15	25	0	0	0	37	0	0	-52
7	563.98	229775	2664	14	0	14	0.15	0.14	24	0	0	0	43	0	0	-53
8	563.96	229723	2664	5	0	5	0.14	0.08	18	0	0	0	39	0	0	-52
9	563.93	229645	2664	-27	0	-27	0.01	0.13	12	0	0	0	39	0	0	-78
10	563.92	229619	2664	42	0	42	0.22	0.05	22	0	0	0	45	0	0	-26
11	563.90	229566	2664	-18	0	-18	0.04	0.04	7	0	0	0	29	0	0	-53
12	563.87	229488	2663	-30	0	-30	0.16	0.12	23	0	0	0	24	0	0	-78
13	563.86	229462	2663	14	0	14	0.14	0.11	21	0	0	0	19	0	0	-26
14	563.83	229384	2663	-22	0	-22	0.13	0.09	18	0	0	0	38	0	0	-78
15	563.80	229306	2663	-24	0	-24	0.09	0.10	16	0	0	0	39	0	0	-78
16	563.78	229253	2661	-6	0	-6	0.05	0.07	10	0	0	0	37	0	0	-53
17	563.76	229201	2661	-23	0	-23	0.04	0	3	0	0	0	26	0	0	-52
18	563.74	229149	2661	-10	0	-10	0.01	0.14	12	0	0	0	30	0	0	-52
19	563.72	229097	2661	-10	0	-10	0.11	0.14	21	0	0	0	21	0	0	-52
20	563.70	229045	2661	-30	0	-30	0	0.09	7	0	0	0	15	0	0	-52
21	563.69	229019	2660	33	0	33	0.12	0.26	32	0	0	0	28	0	0	-26
22	563.65	228915	2660	-44	0	-44	0.17	0.16	27	0	0	0	33	0	0	-104
23	563.63	228863	2660	4	0	4	0.06	0.21	22	0	0	0	34	0	0	-52
24	563.62	228837	2660	23	0	23	0.07	0.05	10	0	0	0	39	0	0	-26
25	563.61	228811	2660	39	0	39	0.10	0.25	29	0	0	0	36	0	0	-26
26	563.57	228706	2658	-54	0	-54	0.18	0.13	26	0	0	0	26	0	0	-105
27	563.54	228628	2658	-45	0	-45	0.10	0.05	12	0	0	0	21	0	0	-78
28	563.54	228628	2658	53	0	53	0.15	0.07	18	0	0	0	35	0	0	0
29	563.51	228550	2658	-12	0	-12	0.09	0.25	28	0	0	0	37	0	0	-78
30	563.49	228498	2656	2	0	2	0.10	0.20	25	0	0	0	29	0	0	-52
31	563.46	228420	2656	-39	0	-39	0.13	0.10	19	0	0	0	20	0	0	-78
TOTAL				-166	0	-166	3	4	623	0	0	0	1037	0	0	-1826

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
NOVEMBER 2024

*figures in acre-feet except where otherwise noted

RESERVOIR (@ 0800 hrs.)				INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
DATE	Elevation	Oct 31 st 228420	Surface Area	Ventura River			Pan @Dam	Pan @Rec	Lake	at Dam	at Rec	Lake	To Main System	To River	Spill	
	(ft MSL)	Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total				
1	563.44	228368	2656	-14	0	-14	0.11	0.11	18	0	0	0	20	0	0	-52
2	563.41	228290	2656	-48	0	-48	0.07	0.09	13	0	0	0	18	0	0	-78
3	563.39	228238	2655	-23	0	-23	0.09	0.10	15	0.02	0	2	16	0	0	-52
4	563.37	228186	2655	0	0	0	0.17	0.16	26	0	0	0	25	0	0	-52
5	563.34	228109	2655	-15	0	-15	0.10	0.17	22	0	0	0	40	0	0	-77
6	563.32	228057	2655	4	0	4	0.10	0.12	18	0	0	0	39	0	0	-52
7	563.29	227979	2653	-22	0	-22	0.09	0.18	21	0	0	0	34	0	0	-78
8	563.27	227927	2653	-17	0	-17	0.08	0.09	14	0	0	0	22	0	0	-52
9	563.25	227875	2653	-26	0	-26	0.05	0.11	13	0	0	0	14	0	0	-52
10	563.23	227823	2653	-4	0	-4	0.19	0.19	30	0	0	0	17	0	0	-52
11	563.21	227771	2653	-6	0	-6	0.05	0.15	16	0	0	0	30	0	0	-52
12	563.19	227719	2652	0.96	0	0.96	0.13	0.12	20	0	0	0	33	0	0	-52
13	563.16	227641	2652	-37	0	-37	0.09	0.10	15	0	0	0	26	0	0	-78
14	563.16	227641	2652	42	0	42	0.09	0.05	11	0	0	0	31	0	0	0
15	563.12	227538	2652	-59	0	-59	0.06	0.16	18	0	0	0	26	0	0	-103
16	563.10	227486	2652	-18	0	-18	0.10	0.12	18	0	0	0	17	0	0	-52
17	563.09	227460	2650	7	0	7	0.06	0.14	16	0	0	0	17	0	0	-26
18	563.05	227356	2650	-63	0	-63	0.08	0.07	12	0	0	0	29	0	0	-104
19	563.04	227330	2650	28	0	28	0.07	0.12	15	0	0	0	39	0	0	-26
20	563.02	227278	2650	-17	0	-17	0.07	0.10	14	0	0	0	22	0	0	-52
21	563.00	227227	2650	-19	0	-19	0.02	0.10	10	0	0	0	22	0	0	-51
22	562.98	227175	2648	-26	0	-26	0.03	0.10	10	0	0	0	15	0	0	-52
23	562.96	227123	2648	-31	0	-31	0.06	0.06	10	0	0	0	11	0	0	-52
24	562.96	227123	2648	-32	0	-32	0	0	0	0.18	0.18	40	8	0	0	0
25	562.96	227123	2648	-1	0	-1	0.02	0	2	0.01	0.15	18	15	0	0	0
26	562.95	227097	2648	-15	0	-15	0.03	0	2	0.01	0.02	3	12	0	0	-26
27	562.99	227201	2648	59	0	59	0	0	0	0.26	0.25	56	11	0	0	104
28	562.99	227201	2648	23	0	23	0.14	0.03	14	0	0	0	10	0	0	0
29	562.99	227201	2648	31	0	31	0.09	0.13	17	0	0	0	13	0	0	0
30	562.98	227175	2648	2	0	2	0.10	0.12	17	0	0	0	10	0	0	-26
TOTAL				-295	0	-295	2	3	424	0.48	0.60	119	645	0	0	-1245

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
DECEMBER 2024

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 0800 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation (ft MSL)	Nov 30 th	Surface	Ventura			Pan	Pan	Lake	at	at	Lake	To	To	Spill	
		227175	Area	River	@Dam	@Rec	Dam	Rec		Main	River					
		Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total	System			
1	562.96	227123	2648	-24	0	-24	0.03	0.25	20	0	0	0	8	0	0	-52
2	562.95	227097	2648	-5	0	-5	0	0.08	6	0	0	0	16	0	0	-26
3	562.93	227045	2648	-16	0	-16	0.04	0.10	10	0	0	0	26	0	0	-52
4	562.92	227019	2648	3	0	3	0.05	0.03	6	0	0	0	23	0	0	-26
5	562.91	226994	2648	-5	0	-5	0.03	0.05	6	0	0	0	15	0	0	-25
6	562.89	226942	2647	-23	0	-23	0.01	0.04	4	0	0	0	26	0	0	-52
7	562.88	226916	2647	4	0	4	0.07	0.08	11	0	0	0	19	0	0	-26
8	562.87	226890	2647	1	0	1	0.06	0.10	12	0	0	0	16	0	0	-26
9	562.86	226864	2647	13	0	13	0.03	0.04	5	0	0	0	34	0	0	-26
10	562.84	226812	2647	-14	0	-14	0.03	0.04	5	0	0	0	33	0	0	-52
11	562.82	226761	2647	-20	0	-20	0.05	0.03	6	0	0	0	25	0	0	-51
12	562.79	226683	2645	-52	0	-52	0.01	0.15	12	0	0	0	15	0	0	-78
13	562.78	226657	2645	-1	0	-1	0.05	0.08	9	0	0	0	16	0	0	-26
14	562.78	226657	2645	20	0	20	0.03	0	2	0	0	0	18	0	0	0
15	562.77	226631	2645	1	0	1	0.07	0.10	12	0	0	0	15	0	0	-26
16	562.76	226606	2645	15	0	15	0	0.06	4	0	0	0	35	0	0	-25
17	562.74	226554	2645	-20	0	-20	0.02	0.07	7	0	0	0	26	0	0	-52
18	562.72	226502	2645	-25	0	-25	0.01	0.04	4	0	0	0	23	0	0	-52
19	562.71	226476	2645	5	0	5	0.01	0.13	10	0	0	0	21	0	0	-26
20	562.70	226450	2645	8	0	8	0.08	0.12	15	0	0	0	19	0	0	-26
21	562.69	226425	2643	-1	0	-1	0.05	0.06	8	0	0	0	16	0	0	-25
22	562.68	226399	2643	-14	0	-14	0.04	0.01	4	0	0	0	8	0	0	-26
23	562.66	226347	2643	-26	0	-26	0.06	0.06	9	0	0	0	18	0	0	-52
24	562.66	226347	2643	24	0	24	0.01	0.04	4	0	0	0	21	0	0	0
25	562.65	226321	2643	-4	0	-4	0.04	0.05	7	0.01	0.01	2	18	0	0	-26
26	562.64	226295	2643	7	0	7	0.09	0.12	15	0	0	0	18	0	0	-26
27	562.63	226270	2643	2	0	2	0.04	0.06	7	0	0	0	19	0	0	-25
28	562.62	226244	2643	-7	0	-7	0.05	0.01	4	0	0	0	15	0	0	-26
29	562.62	226244	2643	12	0	12	0.02	0.01	2	0.02	0.02	4	14	0	0	0
30	562.61	226218	2643	6	0	6	0.04	0.09	9	0.01	0.01	2	24	0	0	-26
31	562.59	226166	2642	-33	0	-33	0.01	0.03	3	0.01	0.01	2	18	0	0	-52
TOTAL				-168	0	-168	1	2	237	0.05	0.05	11	615	0	0	-1009

*Evaporation and Precipitation data from LCRA not logged; Casitas Dam data substituted

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
JANUARY 2025

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 0800 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation (ft MSL)	Dec 31 st	Surface	Ventura			Pan	Pan	Lake	at	at	Lake	To	To	Spill	
		226166	Area	River	@Dam	@Rec	Dam	Rec		Main	River					
		Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total	System			
1	562.57	226115	2642	-31	0	-31	0.05	0.05	7	0	0	0	13	0	0	-51
2	562.57	226115	2642	33	0	33	0.07	0.07	10	0	0	0	23	0	0	0
3	562.56	226089	2642	12	0	12	0.04	0.11	11	0	0	0	27	0	0	-26
4	562.55	226063	2642	6	0	6	0.08	0.08	11	0	0	0	21	0	0	-26
5	562.53	226011	2642	-20	0	-20	0.05	0.16	15	0	0	0	17	0	0	-52
6	562.52	225986	2642	12	0	12	0.05	0.12	12	0	0	0	25	0	0	-25
7	562.51	225960	2642	19	0	19	0.06	0.09	11	0	0	0	35	0	0	-26
8	562.47	225857	2640	-57	0	-57	0.08	0.13	15	0	0	0	31	0	0	-103
9	562.45	225805	2640	-8	0	-8	0.10	0.19	21	0	0	0	23	0	0	-52
10	562.42	225728	2640	-30	0	-30	0.05	0.10	11	0	0	0	36	0	0	-77
11	562.40	225676	2640	-6	0	-6	0.23	0.11	24	0	0	0	21	0	0	-52
12	562.40	225676	2640	27	0	27	0.07	0.03	7	0	0	0	19	0	0	0
13	562.39	225650	2638	20	0	20	0.05	0.30	25	0	0	0	21	0	0	-26
14	562.37	225599	2638	-18	0	-18	0.08	0.09	12	0	0	0	21	0	0	-51
15	562.35	225547	2638	-14	0	-14	0.01	0.06	5	0	0	0	33	0	0	-52
16	562.33	225496	2638	-2	0	-2	0.18	0.18	26	0	0	0	24	0	0	-51
17	562.31	225444	2638	-18	0	-18	0.08	0.09	12	0	0	0	22	0	0	-52
18	562.30	225418	2638	-2	0	-2	0.05	0.03	6	0	0	0	19	0	0	-26
19	562.28	225367	2636	-23	0	-23	0.03	0.10	9	0	0	0	19	0	0	-51
20	562.27	225341	2636	2	0	2	0.05	0.02	5	0	0	0	23	0	0	-26
21	562.26	225315	2636	16	0	16	0.07	0.15	16	0	0	0	26	0	0	-26
22	562.24	225264	2636	-7	0	-7	0.12	0.11	16	0	0	0	28	0	0	-51
23	562.23	225238	2636	15	0	15	0.01	0.12	9	0	0	0	32	0	0	-26
24	562.22	225212	2636	3	0	3	0.03	0.17	14	0	0	0	15	0	0	-26
25	562.20	225161	2636	-30	0	-30	0.15	0.04	14	0	0	0	7	0	0	-51
26	562.20	225161	2636	-32	0	-32	0	0	0	0.15	0.20	38	6	0	0	0
27	562.22	225212	2636	-43	0	-43	0	0	0	0.55	0.39	103	9	0	0	51
28	562.22	225212	2636	30	0	30	0.08	0.09	12	0	0	0	17	0	0	0
29	562.22	225212	2636	19	0	19	0.05	0.05	7	0	0	0	12	0	0	0
30	562.20	225161	2636	-38	0	-38	0.04	0.03	5	0	0	0	8	0	0	-51
31	562.20	225161	2636	27	0	27	0.04	0.13	12	0	0	0	15	0	0	0
TOTAL				-139	0	-139	2.05	3.00	361	0.70	0.59	142	647	0	0	-1005

*Evaporation and Precipitation data from LCRA not logged; Casitas Dam data substituted

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
FEBRUARY 2025

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 0800 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation (ft MSL)	Jan 31 st	Surface	Ventura			Pan	Pan	Lake	at	at	Lake	To	To	Spill	
		225161	Area	River	@Dam	@Rec	Dam	Rec		Main	River					
		Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total	System			
1	562.19	225135	2635	-18	0	-18	0.01	0	1	0	0	0	7	0	0	-26
2	562.18	225109	2635	-11	0	-11	0	0.10	8	0	0	0	7	0	0	-26
3	562.16	225058	2635	-15	0	-15	0.17	0.12	25	0	0	0	11	0	0	-51
4	562.16	225058	2635	14	0	14	0.02	0.10	10	0	0	0	4	0	0	0
5	562.24	225264	2636	-37	0	-37	0	0	0	1	1	249	6	0	0	206
6	562.28	225367	2636	41	3	44	0	0	0	0.47	0.15	68	6	0	0	103
7	562.40	225676	2640	-3	13	10	0	0	0	2	1	315	5	0	0	309
8	562.41	225702	2640	44	0	44	0	0.30	25	0	0	0	5	0	0	26
9	562.42	225728	2640	42	0	42	0.04	0.09	11	0	0	0	5	0	0	26
10	562.41	225702	2640	2	0	2	0.10	0.17	23	0	0	0	5	0	0	-26
11	562.40	225676	2640	-7	0	-7	0.05	0.11	14	0	0	0	5	0	0	-26
12	562.40	225676	2640	-20	0	-20	0	0	0	0.13	0.10	25	5	0	0	0
13	562.47	225857	2640	-43	122	79	0	0	0	1	1	229	5	0	0	181
14	562.86	226864	2647	507	116	623	0	0	0	2	2	383	5	0	0	1007
15	562.90	226968	2648	0	3	3	0.13	0	11	0	0.04	4	5	0	0	104
16	562.90	226968	2648	14	0	15	0.09	0.07	14	0	0.01	1	5	0	0	0
17	562.88	226916	2647	-24	0	-24	0.08	0.19	23	0	0	0	6	0	0	-52
18	562.88	226916	2647	24	0	24	0.03	0.11	12	0	0	0	12	0	0	0
19	562.88	226916	2647	28	0	28	0.09	0.11	17	0	0	0	11	0	0	0
20	562.88	226916	2647	30	0	30	0.09	0.14	20	0	0	0	10	0	0	0
21	562.88	226916	2647	29	0	29	0.12	0.13	21	0	0	0	8	0	0	0
22	562.88	226916	2647	30	0	30	0.18	0.11	25	0	0	0	5	0	0	0
23	562.88	226916	2647	24	0	24	0.11	0.11	19	0	0	0	5	0	0	0
24	562.87	226890	2647	12	0	12	0.11	0.23	29	0	0	0	9	0	0	-26
25	562.86	226864	2647	4	0	4	0.12	0.11	20	0	0	0	11	0	0	-26
26	562.86	226864	2647	30	0	30	0.14	0.08	19	0	0	0	12	0	0	0
27	562.86	226864	2647	48	0	48	0.14	0.28	36	0	0	0	13	0	0	0
28	562.84	226812	2647	-10	0	-10	0.12	0.19	26	0	0	0	16	0	0	-52
TOTAL				735	256	991	1.94	2.85	406	6.13	5.45	1274	208	0	0	1651

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION

MARCH 2025

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 0800 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation	Feb 28 th 226812	Surface Area	Ventura River			Pan @Dam	Pan @Rec	Lake	at Dam	at Rec	Lake	To Main System	To River	Spill	
	(ft MSL)	Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total				
1	562.83	226787	2647	-2	0	-2	0.14	0	12	0	0	0	11	0	0	-25
2	562.82	226761	2647	-6	0	-6	0.09	0.06	13	0	0	0	8	0	0	-26
3	562.82	226761	2647	38	0	38	0.13	0.28	34	0.04	0	4	8	0	0	0
4	562.80	226709	2647	-7	0	-7	0.17	0.25	35	0	0	0	10	0	0	-52
5	562.79	226683	2645	-12	0	-12	0.04	0.05	8	0	0	0	6	0	0	-26
6	562.80	226709	2647	20	0	20	0	0.60	50	0.31	0.25	62	5	0	0	26
7	562.80	226709	2647	10	0	10	0.07	0.02	8	0.03	0	3	5	0	0	0
8	562.78	226657	2645	-29	0	-29	0.09	0.12	18	0	0	0	5	0	0	-52
9	562.77	226631	2645	-3	0	-3	0.06	0.15	18	0	0	0	5	0	0	-26
10	562.77	226631	2645	40	0	40	0.22	0.19	34	0	0	0	6	0	0	0
11	562.77	226631	2645	-19	0	-19	0.07	0	6	0.06	0.21	30	5	0	0	0
12	562.79	226683	2645	-46	0	-46	0	0	0	0.25	0.69	104	5	0	0	52
13	562.97	227149	2648	158	253	411	0	0	0	1	1	313	5	0	0	466
14	563.08	227434	2650	34	31	65	0.06	0.06	10	0.02	0.10	13	5	0	0	285
15	563.12	227538	2652	-24	14	-10	0	0	0	0.53	0.40	103	5	0	0	104
16	563.12	227538	2652	15	5	21	0.06	0.23	24	0	0	0	5	0	0	0
17	563.14	227589	2652	70	1	70	0.13	0.09	18	0	0	0	5	0	0	51
18	563.13	227564	2652	1	0	1	0.09	0.21	25	0.04	0	4	6	0	0	-25
19	563.13	227564	2652	31	0	31	0.14	0.14	24	0	0	0	7	0	0	0
20	563.13	227564	2652	31	0	31	0.17	0.13	25	0	0	0	6	0	0	0
21	563.12	227538	2652	7	0	7	0.13	0.19	27	0	0	0	6	0	0	-26
22	563.12	227538	2652	21	0	21	0.07	0.10	14	0	0	0	6	0	0	0
23	563.12	227538	2652	35	0	35	0.22	0.12	29	0	0	0	6	0	0	0
24	563.12	227538	2652	24	0	24	0.10	0.06	13	0	0	0	10	0	0	0
25	563.11	227512	2652	14	0	14	0.11	0.18	24	0	0	0	15	0	0	-26
26	563.11	227512	2652	41	0	41	0.19	0.15	29	0	0	0	12	0	0	0
27	563.09	227460	2650	-42	0	-42	0.03	0	3	0.01	0	1	9	0	0	-52
28	563.09	227460	2650	15	0	15	0.03	0.07	8	0	0	0	6	0	0	0
29	563.09	227460	2650	32	0	32	0.18	0.13	26	0	0	0	6	0	0	0
30	563.09	227460	2650	2	0	2	0.02	0.06	7	0.10	0	11	6	0	0	0
31	563.10	227486	2652	-5	0	-5	0	0	0	0.20	0.15	39	8	0	0	26
TOTAL				441	304	745	2.81	3.64	541	3.07	3.16	687	217	0	0	674

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
APRIL 2025

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 0800 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation (ft MSL)	Mar 31 st	Surface	Ventura			Pan	Pan	Lake	at	at	Lake	To			
		227486	Area	Direct	Divers'n	Total	@Dam	@Rec		Dam	Rec		Main	River	Spill	
		Storage	(acres)				(in)	(in)	Total	(in)	(in)	Total				
1	563.10	227486	2652	24	0	24	0.14	0.05	17	0.01	0	1	9	0	0	0
2	563.09	227460	2650	24	0	24	0.17	0.27	39	0	0	0	11	0	0	-26
3	563.07	227408	2650	-7	0	-7	0.17	0.21	34	0	0	0	11	0	0	-52
4	563.06	227382	2650	16	0	16	0.16	0.20	32	0	0	0	10	0	0	-26
5	563.03	227304	2650	-47	0	-47	0.13	0.12	22	0	0	0	9	0	0	-78
6	563.02	227278	2650	23	0	23	0.15	0.27	37	0	0	0	11	0	0	-26
7	563.01	227252	2650	16	0	16	0.05	0.24	26	0	0	0	16	0	0	-26
8	562.99	227201	2648	1	0	1	0.20	0.19	34	0	0	0	17	0	0	-51
9	562.98	227175	2648	23	0	23	0.14	0.18	28	0	0	0	20	0	0	-26
10	562.97	227149	2648	31	0	31	0.22	0.20	37	0	0	0	20	0	0	-26
11	562.96	227123	2648	28	0	28	0.19	0.15	30	0	0	0	24	0	0	-26
12	562.95	227097	2648	14	0	14	0.10	0.14	21	0	0	0	19	0	0	-26
13	562.93	227045	2648	-5	0	-5	0.16	0.15	27	0	0	0	20	0	0	-52
14	562.91	226994	2648	6	0	6	0.21	0.22	38	0	0	0	19	0	0	-51
15	562.90	226968	2648	21	0	21	0.12	0.15	24	0	0	0	23	0	0	-26
16	562.88	226916	2647	-5	0	-5	0.11	0.15	23	0	0	0	24	0	0	-52
17	562.86	226864	2647	-12	0	-12	0.10	0.06	14	0	0	0	26	0	0	-52
18	562.84	226812	2647	-17	0	-17	0.07	0.08	13	0	0	0	22	0	0	-52
19	562.83	226787	2647	9	0	9	0.12	0.05	15	0	0	0	19	0	0	-25
20	562.81	226735	2647	-11	0	-11	0.16	0.13	26	0	0	0	15	0	0	-52
21	562.80	226709	2647	17	0	17	0.13	0.11	21	0	0	0	22	0	0	-26
22	562.78	226657	2645	-10	0	-10	0.07	0.22	26	0	0	0	16	0	0	-52
23	562.77	226631	2645	35	0	35	0.24	0.23	41	0	0	0	20	0	0	-26
24	562.75	226580	2645	-26	0	-26	0.02	0.07	8	0	0	0	17	0	0	-51
25	562.74	226554	2645	-5	0	-5	0.06	0	5	0	0	0	16	0	0	-26
26	562.75	226580	2645	-16	0	-16	0	0.17	15	0.22	0.42	71	13	0	0	26
27	562.75	226580	2645	-2	0	-2	0.04	0	4	0.15	0	17	11	0	0	0
28	562.73	226528	2645	-5	0	-5	0.18	0.20	34	0	0	0	13	0	0	-52
29	562.73	226528	2645	45	0	45	0.17	0.17	30	0	0	0	15	0	0	0
30	562.71	226476	2645	-4	0	-4	0.17	0.19	32	0	0	0	16	0	0	-52
TOTAL				159	0	159	3.95	4.57	752	0.38	0.42	88	505	0	0	-1010

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION

MAY 2025

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 0800 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation (ft MSL)	Apr 30 th	Surface	Ventura			Pan	Pan	Lake	at	at	Lake	To	To	Spill	
		226476	Area	River	@Dam	@Rec	Dam	Rec		Main	River					
		Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total	System			
1	562.69	226425	2643	-13	0	-13	0.09	0.09	16	0	0	0	22	0	0	-51
2	562.67	226373	2643	-23	0	-23	0.06	0.02	7	0	0	0	22	0	0	-52
3	562.65	226321	2643	-24	0	-24	0.07	0	6	0	0	0	21	0	0	-52
4	562.64	226295	2643	9	0	9	0.06	0.10	14	0	0	0	21	0	0	-26
5	562.63	226270	2643	20	0	20	0.15	0.12	24	0	0	0	21	0	0	-25
6	562.63	226270	2643	44	0	44	0.11	0.09	18	0	0	0	26	0	0	0
7	562.61	226218	2643	-17	0	-17	0.06	0.05	10	0	0	0	25	0	0	-52
8	562.59	226166	2642	-7	0	-7	0.03	0.17	18	0	0	0	27	0	0	-52
9	562.58	226140	2642	45	0	45	0.17	0.20	33	0	0	0	38	0	0	-26
10	562.56	226089	2642	20	0	20	0.24	0.23	42	0	0	0	29	0	0	-51
11	562.54	226037	2642	-6	0	-6	0.11	0.22	29	0	0	0	17	0	0	-52
12	562.53	226011	2642	45	0	45	0.22	0.28	45	0	0	0	27	0	0	-26
13	562.50	225934	2642	2	0	2	0.26	0.32	52	0	0	0	28	0	0	-77
14	562.47	225857	2640	6	0	6	0.18	0.36	48	0	0	0	35	0	0	-77
15	562.44	225779	2640	-17	0	-17	0.23	0.17	36	0	0	0	26	0	0	-78
16	562.42	225728	2640	4	0	4	0.25	0.11	32	0	0	0	22	0	0	-51
17	562.40	225676	2640	-22	0	-22	0.05	0.12	15	0	0	0	15	0	0	-52
18	562.38	225624	2638	-21	0	-21	0.10	0.10	18	0	0	0	13	0	0	-52
19	562.36	225573	2638	11	0	11	0.27	0.08	31	0	0	0	31	0	0	-51
20	562.34	225521	2638	30	0	30	0.18	0.26	39	0	0	0	43	0	0	-52
21	562.33	225496	2638	35	0	35	0.15	0.17	28	0	0	0	32	0	0	-25
22	562.30	225418	2638	3	0	3	0.24	0.31	49	0	0	0	32	0	0	-78
23	562.28	225367	2636	18	0	18	0.16	0.21	33	0	0	0	36	0	0	-51
24	562.25	225289	2636	-28	0	-28	0.37	0.01	34	0	0	0	17	0	0	-78
25	562.23	225238	2636	10	0	10	0.14	0.30	39	0	0	0	22	0	0	-51
26	562.20	225161	2636	-14	0	-14	0.17	0.25	37	0	0	0	26	0	0	-77
27	562.17	225083	2635	-26	0	-26	0.19	0.16	31	0	0	0	21	0	0	-78
28	562.15	225032	2635	25	0	25	0.13	0.28	36	0	0	0	40	0	0	-51
29	562.12	224955	2635	-9	0	-9	0.14	0.22	32	0	0	0	36	0	0	-77
30	562.11	224929	2635	42	0	42	0.06	0.23	26	0	0	0	42	0	0	-26
31	562.09	224878	2633	22	0	22	0.27	0.30	51	0	0	0	22	0	0	-51
TOTAL				165	0	165	4.91	5.53	930	0.00	0.00	0	833	0	0	-1598

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION

JUNE 2025

*figures in acre-feet except where otherwise noted

RESERVOIR (@ 0800 hrs.)				INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
DATE	Elevation	May 31 st 224878	Surface Area	Ventura River			Pan @Dam	Pan @Rec	Lake	at Dam	at Rec	Lake	To Main System	To River	Spill	
	(ft MSL)	Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total				
1	562.06	224800	2633	-29	0	-29	0.24	0.12	32	0	0	0	17	0	0	-78
2	562.04	224749	2633	13	0	13	0.26	0.11	33	0	0	0	31	0	0	-51
3	562.02	224697	2633	18	0	18	0.21	0.14	31	0	0	0	39	0	0	-52
4	561.99	224620	2631	-38	0	-38	0.02	0.04	5	0	0	0	34	0	0	-77
5	561.96	224543	2631	-27	0	-27	0.14	0.12	23	0	0	0	27	0	0	-77
6	561.93	224466	2631	-20	0	-20	0.14	0.14	25	0	0	0	31	0	0	-77
7	561.90	224389	2631	-25	0	-25	0.26	0.07	30	0	0	0	22	0	0	-77
8	561.88	224338	2630	9	0	9	0.20	0.23	39	0	0	0	21	0	0	-51
9	561.87	224312	2630	33	0	33	0.16	0.13	26	0	0	0	33	0	0	-26
10	561.84	224235	2630	9	0	9	0.19	0.33	47	0	0	0	40	0	0	-77
11	561.81	224158	2630	-2	0	-2	0.18	0.15	30	0	0	0	45	0	0	-77
12	561.78	224081	2628	-42	0	-42	0.14	0.10	22	0	0	0	14	0	0	-77
13	561.76	224030	2628	-2	0	-2	0.26	0.20	41	0	0	0	7	0	0	-51
14	561.74	223978	2628	6	0	6	0.17	0.21	34	0	0	0	23	0	0	-52
15	561.72	223927	2628	17	0	17	0.19	0.33	47	0	0	0	21	0	0	-51
16	561.71	223901	2628	55	0	55	0.31	0.21	47	0	0	0	35	0	0	-26
17	561.67	223799	2626	-19	0	-19	0.25	0.13	34	0	0	0	49	0	0	-102
18	561.65	223747	2626	26	0	26	0.24	0.20	39	0	0	0	38	0	0	-52
19	561.62	223670	2626	-7	0	-7	0.08	0.29	33	0	0	0	37	0	0	-77
20	561.60	223619	2626	48	0	48	0.37	0.35	65	0	0	0	35	0	0	-51
21	561.58	223568	2625	8	0	8	0.10	0.28	34	0	0	0	25	0	0	-51
22	561.54	223465	2625	-33	0	-33	0.30	0.23	48	0	0	0	23	0	0	-103
23	561.50	223363	2625	-14	0	-14	0.39	0.19	52	0	0	0	36	0	0	-102
24	561.46	223260	2623	-37	0	-37	0.09	0.25	30	0	0	0	35	0	0	-103
25	561.43	223183	2623	-1	0	-1	0.17	0.16	30	0	0	0	46	0	0	-77
26	561.40	223107	2623	-9	0	-9	0.21	0.10	28	0	0	0	39	0	0	-76
27	561.37	223030	2621	2	0	2	0.29	0.14	39	0	0	0	41	0	0	-77
28	561.33	222927	2621	-38	0	-38	0.10	0.29	35	0	0	0	30	0	0	-103
29	561.31	222876	2621	16	0	16	0.28	0.28	50	0	0	0	17	0	0	-51
30	561.28	222800	2619	31	0	31	0.35	0.30	58	0	0	0	48	0	0	-76
TOTAL				-53	0.00	-53	6.29	5.82	1087	0	0	0	938	0	0	-2078

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION

JULY 2025

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 0800 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation	Jun 30 th 222800	Surface Area	Ventura River			Pan @Dam	Pan @Rec	Lake	at Dam	at Rec	Lake	To Main System	To River	Spill	
	(ft MSL)	Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total				
1	561.26	222748	2619	21	0	21	0.07	0.37	39	0	0	0	34	0	0	-52
2	561.22	222646	2619	5	0	5	0.45	0.26	63	0	0	0	44	0	0	-102
3	561.18	222544	2618	-36	0	-36	0.05	0.24	26	0	0	0	40	0	0	-102
4	561.15	222467	2618	23	0	23	0.25	0.49	65	0	0	0	34	0	0	-77
5	561.11	222365	2618	-33	0	-33	0.30	0.20	44	0	0	0	25	0	0	-102
6	561.08	222288	2616	-9	0	-9	0.30	0.16	41	0	0	0	28	0	0	-77
7	561.07	222263	2616	53	0	53	0.22	0.22	39	0	0	0	39	0	0	-25
8	561.04	222186	2616	-1	0	-1	0.19	0.22	36	0	0	0	39	0	0	-77
9	561.01	222109	2616	11	0	11	0.27	0.26	47	0	0	0	42	0	0	-77
10	560.98	222033	2614	11	0	11	0.27	0.25	46	0	0	0	41	0	0	-76
11	560.94	221931	2614	-18	0	-18	0.22	0.29	45	0	0	0	39	0	0	-102
12	560.90	221828	2614	-55	0	-55	0.09	0.15	21	0	0	0	27	0	0	-103
13	560.87	221752	2612	-11	0	-11	0.27	0.25	46	0	0	0	19	0	0	-76
14	560.85	221701	2612	18	0	18	0.22	0.18	35	0	0	0	34	0	0	-51
15	560.82	221624	2612	-5	0	-5	0.17	0.22	34	0	0	0	38	0	0	-77
16	560.79	221548	2611	12	0	12	0.35	0.22	50	0	0	0	38	0	0	-76
17	560.76	221471	2611	1	0	1	0.33	0.19	46	0	0	0	32	0	0	-77
18	560.72	221369	2611	-39	0	-39	0.07	0.25	28	0	0	0	35	0	0	-102
19	560.70	221318	2611	17	0	17	0.27	0.15	37	0	0	0	31	0	0	-51
20	560.66	221217	2609	-35	0	-35	0.19	0.31	44	0	0	0	22	0	0	-101
21	560.63	221140	2609	19	0	19	0.46	0.28	65	0	0	0	31	0	0	-77
22	560.61	221089	2609	7	0	7	0.08	0.11	17	0	0	0	41	0	0	-51
23	560.58	221013	2607	-17	0	-17	0.10	0.15	22	0	0	0	37	0	0	-76
24	560.54	220911	2607	-7	0	-7	0.35	0.23	51	0	0	0	44	0	0	-102
25	560.52	220860	2607	21	0	21	0.15	0.26	36	0	0	0	36	0	0	-51
26	560.48	220758	2605	-31	0	-31	0.25	0.23	42	0	0	0	28	0	0	-102
27	560.45	220682	2605	-18	0	-18	0.18	0.22	35	0	0	0	23	0	0	-76
28	560.42	220605	2605	9	0	9	0.25	0.27	46	0	0	0	40	0	0	-77
29	560.39	220529	2603	14	0	14	0.23	0.33	49	0	0	0	41	0	0	-76
30	560.35	220427	2603	-18	0	-18	0.19	0.25	39	0	0	0	45	0	0	-102
31	560.32	220351	2603	1	0	1	0.19	0.17	32	0	0	0	45	0	0	-76
TOTAL				-91	0	-91	6.98	7.38	1266	0.00	0.00	0	1092	0	0	-2449

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION

AUGUST 2025

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 0800 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation (ft MSL)	Jul 31 st	Surface	Ventura			Pan	Pan	Lake	at	at	Lake	To		Spill	
		220351	Area	River	@Dam	@Rec	Dam	Rec		Main	River					
		Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total	System			
1	560.30	220300	2603	69	0	69	0.75	0.12	76	0.00	0	0	43	0	0	-51
2	560.27	220224	2602	-20	0	-20	0.01	0.25	23	0.00	0	0	33	0	0	-76
3	560.25	220173	2602	-1	0	-1	0.12	0.19	27	0.00	0	0	23	0	0	-51
4	560.23	220122	2602	23	0	23	0.15	0.18	29	0.00	0	0	45	0	0	-51
5	560.19	220021	2600	-18	0	-18	0.25	0.18	38	0.00	0	0	45	0	0	-101
6	560.15	219919	2600	-26	0	-26	0.22	0.15	32	0.00	0	0	43	0	0	-102
7	560.11	219818	2600	18	0	18	0.27	0.53	70	0.00	0	0	48	0	0	-101
8	560.07	219716	2598	-4	0	-4	0.29	0.29	51	0.00	0	0	47	0	0	-102
9	560.03	219614	2598	-12	0	-12	0.29	0.33	54	0.00	0	0	36	0	0	-102
10	560.00	219538	2598	-8	0	-8	0.24	0.22	40	0.00	0	0	28	0	0	-76
11	559.98	219488	2596	24	0	24	0.22	0.13	31	0.00	0	0	43	0	0	-50
12	559.94	219386	2596	-30	0	-30	0.18	0.13	27	0.00	0	0	45	0	0	-102
13	559.90	219285	2596	-16	0	-16	0.24	0.24	42	0.00	0	0	43	0	0	-101
14	559.87	219209	2595	3	0	3	0.25	0.15	35	0.00	0	0	44	0	0	-76
15	559.83	219107	2595	-19	0	-19	0.11	0.35	40	0.00	0	0	42	0	0	-102
16	559.80	219031	2595	-14	0	-14	0.16	0.17	29	0.00	0	0	33	0	0	-76
17	559.78	218981	2593	0	0	0	0.15	0.15	26	0.00	0	0	23	0	0	-50
18	559.75	218905	2593	10	0	10	0.30	0.19	43	0.00	0	0	43	0	0	-76
19	559.73	218854	2593	21	0	21	0.15	0.15	26	0.00	0	0	46	0	0	-51
20	559.69	218753	2592	14	0	14	0.38	0.30	59	0.00	0	0	55	0	0	-101
21	559.66	218677	2592	27	0	27	0.26	0.27	46	0.00	0	0	57	0	0	-76
22	559.61	218550	2592	-18	0	-18	0.30	0.30	52	0.00	0	0	56	0	0	-127
23	559.58	218474	2590	0	0	0	0.20	0.22	37	0.00	0	0	39	0	0	-76
24	559.55	218398	2590	-10	0	-10	0.14	0.20	30	0.00	0	0	36	0	0	-76
25	559.53	218348	2590	38	0	38	0.40	0.19	52	0.00	0	0	36	0	0	-50
26	559.49	218246	2588	-34	0	-34	0.14	0.20	30	0.00	0	0	38	0	0	-102
27	559.46	218171	2588	28	0	28	0.33	0.24	50	0.00	0	0	53	0	0	-75
28	559.41	218044	2588	-49	0	-49	0.14	0.26	35	0.00	0	0	43	0	0	-127
29	559.38	217968	2587	18	0	18	0.24	0.28	45	0.00	0	0	48	0	0	-76
30	559.36	217918	2587	27	0	27	0.26	0.32	51	0.00	0	0	26	0	0	-50
31	559.32	217817	2587	-24	0	-24	0.22	0.22	38	0.00	0	0	39	0	0	-101
TOTAL				13	0	13	7.36	7.10	1266	0.00	0.00	0	1280	0	0	-2534

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

CASITAS RESERVOIR OPERATION
SEPTEMBER 2025

*figures in acre-feet except where otherwise noted

DATE	RESERVOIR (@ 0800 hrs.)			INFLOW			EVAPORATION			PRECIPITATION			RELEASES			STORAGE CHANGE
	Elevation	Aug 30 th 217817	Surface Area	Ventura River			Pan @Dam	Pan @Rec	Lake	at Dam	at Rec	Lake	To Main System	To River	Spill	
	(ft MSL)	Storage	(acres)	Direct	Divers'n	Total	(in)	(in)	Total	(in)	(in)	Total				
1	559.30	217766	2587	9	0	9	0.17	0.14	25	0	0	0	35	0	0	-51
2	559.25	217640	2585	-44	0	-44	0.16	0.32	39	0	0	0	43	0	0	-126
3	559.23	217589	2585	46	0	46	0.35	0.24	48	0	0	0	49	0	0	-51
4	559.19	217488	2584	-28	0	-28	0.13	0.14	22	0	0	0	51	0	0	-101
5	559.16	217413	2584	33	0	33	0.42	0.26	56	0	0	0	52	0	0	-75
6	559.11	217286	2584	-55	0	-55	0.17	0.22	32	0	0	0	40	0	0	-127
7	559.09	217236	2582	17	0	17	0.21	0.28	40	0	0	0	27	0	0	-50
8	559.06	217160	2582	19	0	19	0.33	0.22	45	0	0	0	50	0	0	-76
9	559.02	217059	2582	-29	0	-29	0.19	0.21	33	0	0	0	39	0	0	-101
10	558.99	216984	2580	-1	0	-1	0.10	0.27	30	0	0	0	44	0	0	-75
11	558.94	216858	2580	-54	0	-54	0.14	0.20	28	0	0	0	45	0	0	-126
12	558.91	216782	2580	-10	0	-10	0.19	0.10	24	0	0	0	42	0	0	-76
13	558.89	216732	2578	24	0	24	0.24	0.27	42	0	0	0	33	0	0	-50
14	558.86	216656	2578	-33	0	-33	0.08	0.12	16	0	0	0	27	0	0	-76
15	558.84	216606	2578	25	0	25	0.21	0.12	27	0	0	0	48	0	0	-50
16	558.80	216505	2578	-19	0	-19	0.25	0.14	32	0	0	0	50	0	0	-101
17	558.77	216430	2577	-1	0	-1	0.12	0.20	26	0	0	0	48	0	0	-75
18	558.75	216379	2577	-23	0	-23	0.19	0.08	22	0.12	0.10	24	29	0	0	-51
19	558.73	216329	2577	-48	0	-48	0	0	0	0.12	0.18	32	34	0	0	-50
20	558.71	216278	2577	-5	0	-5	0.13	0.03	13	0	0	0	33	0	0	-51
21	558.68	216203	2575	-11	0	-11	0.19	0.27	38	0	0	0	26	0	0	-75
22	558.66	216153	2575	15	0	15	0.09	0.15	20	0	0	0	45	0	0	-50
23	558.63	216077	2575	-22	0	-22	0.14	0.08	18	0	0	0	36	0	0	-76
24	558.63	216077	2575	-15	0	-15	0	0	0	0.27	0.20	50	36	0	0	0
25	558.60	216002	2575	-16	0	-16	0.14	0.18	26	0	0	0	33	0	0	-75
26	558.58	215951	2573	4	0	4	0.12	0.12	20	0	0	0	35	0	0	-51
27	558.55	215876	2573	-25	0	-25	0.09	0.11	16	0	0	0	34	0	0	-75
28	558.53	215826	2573	-24	0	-24	0.05	0.01	5	0	0	0	21	0	0	-50
29	558.51	215775	2573	-17.52	0	-18	0	0.05	4	0	0	0	29	0	0	-51
30	558.48	215700	2571	-18	0	-18	0.07	0.15	18	0	0	0	40	0	0	-75
TOTAL				-304	0	-304	5	5	764	0.51	0.48	106	1155	0	0	-2117

Reservoir capacity = 237,761 acre-feet at 567 ft. elevation.

Direct reservoir inflow values may be negative due to inaccuracies of the evaporation coefficients (supplied by the USBR)

Evaporation and precipitation readings taken at approximately 8 a.m.

Monthly Evaporation Coefficients: Jan=0.65, Feb=0.77, Mar=0.76, Apr=0.80, May=0.81, Jun=0.82, Jul= Aug=0.81, Sep=0.76, Oct=0.75, Nov=0.72, Dec=0.66

Appendix E

Reservoir Elevation Data

Matilija Reservoir Lake Elevation

WATER YEAR OCTOBER 2024 THROUGH SEPTEMBER 2025

Daily mean elevation, feet above mean sea level

SPILL OVER DAM @ 1095.35 ELEVATION

	2024			2025								
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1093.0	1093.1	1093.0	1092.9	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
2	1093.0	1093.1	1093.1	1092.9	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
3	1093.0	1093.0	1093.1	1092.9	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
4	1093.0	1093.1	1093.1	1092.9	781.7	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
5	1093.0	1093.1	1093.0	1092.9	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
6	1093.0	1093.1	1093.0	1092.9	1092.7	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
7	1093.0	1093.1	1093.1	1092.9	1092.7	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
8	1093.0	1093.1	1093.1	851.9	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
9	1093.0	1093.1	1093.1	1016.1	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
10	1093.0	1093.1	1093.1	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
11	1093.0	1093.1	1093.1	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
12	1093.0	1093.1	1093.1	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
13	1093.0	1093.1	1093.1	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
14	1093.0	1093.1	1093.0	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
15	1093.0	1093.1	1093.0	1093.0	1092.9	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
16	1092.9	1093.1	1093.0	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
17	1092.9	1093.1	1093.0	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
18	1092.9	1093.1	1093.0	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
19	1093.0	1093.1	1093.0	1092.9	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
20	1093.1	1093.1	1093.0	1092.9	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
21	1093.1	1093.1	1093.0	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
22	1093.1	1093.1	1092.9	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
23	1093.1	1093.1	1092.9	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
24	1093.1	1093.0	1092.9	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
25	1093.1	1093.0	1092.9	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
26	1093.1	1092.9	1092.9	1093.0	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
27	1093.1	1092.9	1092.9	1092.9	1092.9	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
28	1093.0	1092.9	1092.8	1092.9	1092.9	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
29	1093.1	1093.0	1092.8	1092.9	---	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
30	1093.1	1093.0	1092.8	1092.9	---	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
31	1093.1	---	1092.8	1092.8	---	1092.8	---	1092.8	---	1092.8	1092.8	---

Data is provisional and subject to revision.

Appendix F

System Delivery Data for Mire Monte Well and Ojai Water System

Mira Monte Well

Calendar Year 2025

Month	Acre Feet
Jan – 25	9.58
Feb – 25	3.72
Mar – 25	4.97
Apr – 25	10.66
May – 25	14.10
Jun – 25	17.55
Jul – 25	22.02
Aug – 25	24.72
Sep – 25	18.73
Oct – 25	11.14
Nov – 25	5.58
Dec – 25	5.03
Total:	147.80 AF

Mira Monte Well

Water Year 2024 – 2025

Month	Acre Feet
Oct – 24	14.97
Nov – 24	10.19
Dec – 24	10.02
Jan – 25	9.58
Feb – 25	3.72
Mar – 25	4.97
Apr – 25	10.66
May – 25	14.10
Jun – 25	17.55
Jul – 25	22.02
Aug – 25	24.72
Sep – 25	18.73
Total:	161.23 AF

OJAI WATER SYSTEM SOURCES AND DELIVERIES

2024 - 2025 WATER YEAR

figures in acre-feet except where otherwise noted

MONTH	YEAR	SYSTEM DELIVERIES	SOURCE	
			WELL - FIELD PRODUCTION	SURFACE WATER
OCT	2024	167	167	0
NOV	2024	136	136	0
DEC	2024	126	126	0
JAN	2025	128	128	0
FEB	2025	79	79	0
MAR	2025	95	95	0.1
APR	2025	120	120	0
MAY	2025	144	144	0
JUN	2025	155	154	0.9
JUL	2025	181	180	0.7
AUG	2025	189	177	12
SEP	2025	169	168	1
TOTAL		1691	1676	15

Appendix G

Ambient Air Temperature Data

HISTORICAL TEMPERATURES
CMWD CASITAS DAM WEATHER STATION
(Degrees F.)

YEAR	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg			
1960	77	24	48	75	29	52	85	35	56	90	37	59	88	35	61	93	45	63	106	46	69	95	44	66	102	44	69	93	37	62	82	31	55	83	25	51
1961	88	26	54	85	30	54	84	31	54	99	33	52	88	35	57	104	40	62	97	47	68	95	39	68	99	37	65	103	37	62	90	31	55	81	30	52
1962	89	25	52	74	31	50	80	29	50	91	37	60	90	38	57	82	42	62	89	47	65	92	47	68	100	45	65	93	41	62	89	32	56	87	22	54
1963	78	16	50	90	39	60	84	30	54	83	33	54	78	39	60	85	42	62	87	45	66	91	44	68	109	48	72	90	43	65	88	33	58	85	30	54
1964	82	28	50	82	29	50	85	32	50	94	34	66	84	35	66	87	42	61	94	45	67	95	48	62	100	44	66	99	44	66	88	28	54	77	28	53
1965	82	29	54	85	29	68	81	35	54	92	31	57	88	37	59	83	40	61	90	47	65	103	49	70	95	45	65	99	40	66	83	34	58	80	28	51
1966	79	28	50	78	30	48	88	29	56	96	38	60	81	43	60	88	42	65	89	46	66	94	49	70	98	44	68	98	39	66	96	34	58	78	27	53
1967	81	29	52	86	30	55	79	31	54	71	33	50	98	37	61	88	39	61	93	52	68	108	54	74	98	51	70	98	40	65	88	33	60	80	26	50
1968	82	27	51	84	36	57	90	35	58	85	34	56	102	37	60	88	42	62	97	48	68	90	46	65	102	40	67	85	32	58	98	42	64	81	20	49
1969	86	28	52	71	30	49	86	31	53	83	36	58	87	42	60	90	42	62	90	49	67	104	47	70	96	48	67	91	37	62	91	33	58	80	20	54
1970	70	24	53	81	34	51	81	33	58	87	32	55	99	37	61	100	45	64	103	48	68	97	48	68	102	43	65	102	35	61	82	35	56	78	30	50
1971	87	23	52	91	30	53	80	24	54	90	35	55	85	38	57	91	39	62	99	48	68	98	50	72	111	41	68	103	25	60	89	31	54	71	24	46
1972	78	23	49	81	25	53	92	30	57	84	31	56	97	37	61	90	45	63	104	47	70	106	48	70	99	43	67	96	30	61	85	32	55	81	22	49
1973	79	24	48	75	33	53	73	31	51	81	36	56	94	39	61	104	42	66	96	44	66	98	46	67	99	45	64	96	39	63	81	31	54	82	30	53
1974	75	24	49	81	30	51	78	32	53	85	35	57	97	34	58	98	46	64	94	46	69	84	45	66	98	46	67	103	39	62	92	31	56	79	23	51
1975	86	31	52	79	27	51	74	31	52	79	32	52	78	35	58	88	42	61	91	45	66	94	45	66	104	46	68	98	35	72	92	25	55	90	23	52
1976	90	23	54	86	31	53	85	29	55	89	33	54	89	42	60	104	43	66	90	48	68	102	47	68	92	50	68	97	37	65	97	26	60	83	29	53
1977	80	29	52	88	30	56	80	29	51	87	34	58	77	37	57	88	43	64	104	64	68	90	49	70	94	43	66	92	38	62	94	32	61	83	32	56
1978	76	29	54	82	31	53	88	35	57	78	34	55	99	39	64	92	46	66	106	45	67	94	46	68	108	43	70	92	43	65	92	30	54	77	20	49
1979	70	24	49	77	28	55	86	32	55	81	34	58	97	38	62	104	44	67	99	46	67	92	44	68	109	47	72	86	38	64	84	27	57	89	26	55
1980	79	30	55	84	32	57	80	29	54	86	36	58	82	36	58	97	42	64	94	47	68	95	48	69	95	44	64	95	36	64	88	29	57	88	31	56
1981	82	32	55	88	29	56	80	35	54	94	36	59	87	41	62	105	50	70	99	47	70	104	47	70	95	45	67	95	32	60	91	33	58	81	32	55
1982	78	26	50	85	33	56	76	31	53	85	32	57	80	41	60	78	40	61	94	47	68	102	47	70	101	41	67	95	41	64	85	32	55	74	27	51
1983	89	28	54	81	32	54	85	35	56	85	34	56	92	39	62	82	47	64	101	48	70	105	49	74	106	51	73	97	45	68	90	29	57	76	29	53
1984	84	31	56	83	31	55	88	35	59	94	34	59	105	41	67	94	46	60	98	52	74	96	53	74	108	51	77	91	39	63	82	32	55	74	29	51
1985	76	28	51	88	26	54	84	31	55	91	40	61	85	38	57	98	44	67	105	52	73	101	49	71	94	40	68	99	34	65	88	30	55	82	25	55
1986	85	35	57	90	31	57	88	38	58	92	38	59	88	41	61	92	47	65	89	49	68	103	50	70	86	41	63	92	40	63	89	36	61	80	32	54
1987	82	24	50	82	29	54	81	30	56	93	38	62	92	42	64	91	47	65	92	46	66	101	47	69	101	49	69	107	49	68	87	31	57	80	24	50
1988	82	29	53	87	30	57	97	33	60	92	38	59	96	39	62	91	40	64	93	51	71	92	48	69	108	46	67	102	42	65	88	31	57	86	26	52
1989	84	26	51	86	28	51	89	32	59	103	38	63	84	40	61	99	46	66	100	50	70	93	48	68	100	46	68	95	35	62	94	29	60	87	28	55
1990	84	27	52	84	23	52	91	30	56	89	42	61	102	39	61	106	45	68	104	50	73	96	49	71	97	50	69	96	42	65	94	30	60	85	15	50
1991	83	28	54	85	35	58	77	31	52	88	37	59	91	40	59	83	44	62	85	50	67	96	48	68	95	48	69	105	36	66	93	33	60	79	28	53
1992	84	31	54	87	35	57	81	39	57	91	44	64	81	49	65	87	45	66	97	49	71	101	50	73	98	50	69	95	46	65	90	34	59	78	27	50
1993	80	28	52	76	36	52	85	36	59	89	41	61	92	40	63	94	43	67	89	52	68	93	52	70	103	45	68	100	44	65	95	32	57	81	29	52
1994	86	30	54	79	29	52	89	36	58	89	40	59	84	43	61	102	48	68	96	52	68	102	51	73	95	46	69	97	39	63	82	28	52	78	26	52
1995	83	32	53	91	41	61	82	36	58	89	38	59	78	40	59	90	43	65	106	50	70	103	47	71	101	46	70	97	40	65	88	40	61	81	34	56
1996	86	28	54	87	30	57	84	34	58	94	40	63	89	44	64	102	47	67	103	52	71	101	50	72	93	47	69	84	34	62	93	34	59	75	33	54
1997	80	33	54	87	35	56	95	33	60	94	36	61	98	45	68	84	50	67	99	50	70	110	51	74	104	50										

HISTORICAL TEMPERATURES
CMWD CASITAS RECREATION AREA WEATHER STATION
(Degrees F.)

YEAR	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg	max	min	avg			
1960	75	22	48	73	29	51	84	34	56	89	33	59	92	35	62	99	43	66	107	46	72	98	44	69	107	41	71	92	35	62	84	33	56	81	27	52
1961	89	26	54	85	30	54	83	31	54	100	39	59	87	37	58	112	41	62	103	49	72	100	48	72	102	44	66	106	35	64	91	30	55	80	31	51
1962	88	24	50	75	25	50	79	28	50	92	34	60	87	39	58	94	43	63	95	45	67	101	45	72	99	43	68	96	40	61	87	31	57	84	19	53
1963	78	16	48	88	37	58	85	29	52	78	33	53	84	39	58	89	42	62	95	46	69	99	46	70	107	52	74	89	41	64	88	31	56	82	27	53
1964	80	25	49	82	27	50	82	27	49	83	32	54	82	34	57	10	42	62	97	46	70	94	46	69	98	41	66	100	43	62	85	27	54	75	25	52
1965	82	28	52	84	25	51	77	31	52	89	30	54	92	28	58	91	38	58	96	41	66	102	47	71	93	40	62	97	37	61	84	33	56	83	26	50
1966	80	26	49	76	28	48	95	27	55	92	37	59	85	41	60	96	42	65	93	41	68	94	50	72	97	42	62	96	37	64	95	32	56	79	25	52
1967	79	25	50	82	28	53	80	30	52	69	32	54	96	36	60	87	38	60	92	49	70	105	54	75	96	50	70	97	41	65	91	33	60	79	25	49
1968	80	25	50	85	35	56	84	32	56	86	31	57	99	34	60	93	35	62	95	36	72	96	42	62	98	38	62	96	40	62	87	27	56	87	21	48
1969	84	26	50	67	29	49	85	28	52	81	31	56	86	38	60	90	45	61	92	46	68	101	43	71	92	41	62	87	32	59	88	31	58	79	23	52
1970	68	20	52	76	32	50	79	31	56	87	30	47	96	35	60	97	44	67	100	48	71	102	42	69	102	42	66	99	34	62	86	33	55	76	29	49
1971	90	24	51	87	28	52	85	25	52	88	33	54	81	38	56	88	40	62	95	48	68	98	49	72	109	42	68	99	26	60	86	30	44	68	22	46
1972	77	24	43	82	26	54	90	30	58	85	30	58	96	31	62	93	38	65	100	40	71	103	44	71	95	32	67	92	33	60	83	33	55	80	23	51
1973	80	20	47	75	32	53	69	30	50	79	35	56	96	38	61	101	42	68	94	48	67	96	44	69	95	40	64	92	40	63	81	31	53	81	28	53
1974	75	23	49	79	28	51	78	32	54	87	35	56	97	35	58	96	41	65	95	48	70	89	46	68	95	45	68	97	41	60	90	30	56	79	24	49
1975	86	24	52	77	29	51	74	31	53	78	30	52	85	35	58	83	44	62	95	45	68	96	42	68	100	47	70	95	35	61	85	27	54	83	25	53
1976	87	21	53	79	32	51	82	28	54	86	35	54	94	43	61	104	42	67	96	49	67	102	49	67	92	50	69	94	36	63	95	28	59	82	27	52
1977	82	23	51	86	32	NA	78	28	50	84	32	57	81	39	57	85	39	63	100	47	69	94	49	70	96	44	65	90	38	62	92	31	58	78	33	56
1978	74	28	51	88	30	54	88	37	57	75	33	55	99	40	63	90	42	66	109	48	69	96	47	67	109	41	69	96	42	65	86	29	53	76	22	49
1979	69	26	48	76	28	50	84	35	54	79	35	57	95	40	60	102	44	66	98	45	69	89	48	68	105	44	72	90	37	63	82	25	56	87	25	54
1980	76	31	54	82	30	56	76	34	54	91	36	58	89	34	58	95	42	65	110	49	73	96	49	70	104	36	66	104	37	64	90	28	58	89	30	56
1981	82	33	56	88	30	57	79	36	55	94	36	59	88	40	62	102	42	72	93	49	71	102	47	73	95	48	68	93	34	60	89	34	58	84	25	54
1982	80	26	51	83	31	56	76	32	52	85	31	57	83	38	60	87	42	61	95	47	70	104	48	72	106	46	69	94	36	63	84	34	56	75	28	52
1983	90	29	55	79	32	55	82	31	55	79	32	55	89	21	59	86	39	64	96	43	68	99	40	73	103	41	72	93	33	62	86	NA	NA	75	NA	67
1984	80	30	53	80	28	52	81	34	56	86	34	57	100	40	65	94	48	65	96	52	73	94	52	72	101	50	74	90	37	60	78	30	53	71	28	50
1985	72	27	48	85	25	51	80	30	51	87	38	58	85	38	57	98	42	66	105	33	73	100	50	69	91	42	65	96	42	61	84	30	53	84	26	53
1986	84	33	57	85	30	55	82	38	57	87	35	57	88	39	59	88	49	65	89	50	68	94	53	71	87	42	61	88	38	61	86	33	59	76	28	52
1987	75	22	48	80	28	52	78	31	53	88	34	60	91	40	63	89	48	65	91	47	63	94	44	68	101	45	68	102	48	66	83	28	55	74	20	47
1988	80	26	50	80	28	54	93	30	57	89	34	58	94	36	61	87	40	64	91	52	70	92	49	68	104	44	66	96	41	63	86	28	55	82	26	50
1989	80	24	48	80	27	50	82	30	56	96	36	61	86	40	59	94	46	64	102	38	69	90	46	67	102	45	67	95	34	61	91	27	58	90	27	51
1990	84	24	50	81	20	50	86	31	54	86	39	59	98	37	58	110	41	67	98	48	71	96	44	69	99	46	68	92	38	62	89	25	56	82	8	45
1991	78	24	49	82	29	56	80	28	49	84	32	56	90	33	57	90	40	61	95	46	66	96	44	67	90	44	68	101	30	65	90	30	57	78	22	50
1992	80	24	50	82	30	53	76	32	53	90	36	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	98	50	73	NA	NA	NA	97	44	64	87	31	57	74	23	48
1993	79	24	49	78	31	50	81	32	56	84	38	59	NA	NA	NA	102	40	66	95	50	66	90	50	70	100	46	70	97	42	66	90	34	58	85	30	54
1994	89	32	56	82	30	52	87	35	59	82	39	59	86	43	61	100	48	68	96	52	70	100	53	75	92	46	70	95	40	64	88	30	55	85	28	54
1995	78	33	53	92	40	61	78	34	56	87	40	60	83	40	61	91	39	65	104	51	71	97	50	75	100	48	71	NA	NA	NA	87	42	62	84	36	56
1996	90	29	55	NA	NA	NA	84	33	57	92	41	62	92	46	64	96	48	67	97	54	73	99	52	74	92	49	69	99	38	64	95	38	60	71	43	57
1997	82	32	54	86	34	57	94	34	59	92	36	61	94	46	68	82	52																			

Appendix H

Historical Hydrology Data

CASITAS RESERVOIR INVENTORY ANNUAL SUMMARY

(CALENDAR YEAR - ALL VALUES IN ACRE-FEET UNLESS OTHERWISE NOTED)

YEAR	RESERVOIR DATA (START OF YEAR- Last Day of Previous Month)		INFLOW FOR YEAR			RELEASES FOR YEAR			SPILL FOR YEAR	EVAP FOR YEAR	RAINFALL ON LAKE SURFACE	STORAGE VOLUME	
	ELEVATION (FT ABOVE MSL)	STORAGE	DIRECT	VENTURA RIVER DIVERSION	TOTAL	TO CONV. SYSTEM	DOWN RIVER	TOTAL				MAXIMUM FOR YEAR	MINIMUM FOR YEAR
1959	350.00	-	2,305	5,105	7,410	586	72	658	-	728	59	7,022	574
1960	366.66	5,908	1,322	24	1,346	1,277	80	1,357	-	1,068	372	6,846	5,201
1961	363.28	5,201	967	32	999	1,625	18	1,643	-	819	133	5,201	3,642
1962	355.46	3,870	26,428	21,915	48,343	1,988	55	2,043	-	3,505	1,014	51,977	3,845
1963	477.68	47,679	2,114	2,939	5,053	4,445	72	4,517	-	3,498	1,664	51,524	46,381
1964	446.13	46,381	1,841	354	2,195	6,024	72	6,096	-	3,406	1,293	46,381	38,606
1965	438.57	40,373	15,279	21,439	36,718	7,631	72	7,703	-	2,957	2,421	68,851	39,718
1966	469.42	68,851	11,941	25,323	37,264	7,162	73	7,235	-	5,030	1,915	95,765	70,068
1967	490.62	95,765	12,961	35,172	48,133	8,759	72	8,831	-	6,214	3,840	138,996	108,511
1968	513.22	132,333	1,677	1,070	2,747	13,729	74	13,803	-	6,593	2,133	132,549	116,818
1969	504.25	116,818	55,379	50,349	105,728	14,040	73	14,113	-	8,413	7,625	216,790	116,418
1970	548.94	207,694	7,112	15,859	22,971	16,417	72	16,489	-	9,841	5,395	217,656	207,214
1971	549.78	207,729	3,758	10,957	14,715	16,392	24	16,416	-	9,552	3,433	214,692	193,686
1972	546.52	201,908	813	1,718	2,531	17,878	73	17,951	-	8,758	1,706	202,690	179,435
1973	536.70	179,435	22,262	39,588	61,850	13,963	33	13,996	-	8,937	4,520	239,330	224,519
1974	555.75	224,519	5,240	11,732	16,972	17,400	23	17,423	-	9,394	5,423	238,096	217,063
1975	553.99	220,096	5,352	12,988	18,340	15,937	73	16,010	-	8,870	2,813	235,437	216,370
1976	552.49	216,370	3,031	3,438	6,469	18,371	104	18,475	-	9,142	3,782	219,324	198,885
1977	545.29	199,003	1,590	1,094	2,684	18,035	70	18,105	-	8,821	3,352	200,062	175,359
1978	536.10	178,113	49,376	28,695	78,071	12,390	2,677	15,067	1,572	9,622	9,879	255,307	178,025
1979	561.68	239,802	7,584	8,845	16,429	13,072	32	13,104	1,193	9,963	5,395	255,116	237,183
1980	560.75	237,365	28,923	2,717	31,640	16,283	73	16,356	16,855	9,900	7,393	260,034	233,286
1981	559.18	233,286	3,112	5,772	8,884	20,242	73	20,315	-	9,412	4,002	240,222	216,395
1982	552.52	216,444	5,206	9,933	15,139	14,739	73	14,812	-	8,339	5,645	223,208	206,564
1983	551.56	214,078	44,548	22,131	66,679	15,757	73	15,830	17,877	8,844	11,699	259,264	213,562
1984	565.49	249,931	2,878	2,087	4,965	23,007	73	23,080	-	10,637	2,924	249,958	220,748
1985	555.15	223,006	4,220	3,015	7,235	20,219	73	20,292	-	9,149	2,637	223,208	196,404
1986	545.97	200,605	18,711	39,316	58,027	17,797	73	17,870	742	9,700	5,589	254,926	200,558
1987	560.16	235,828	-988	1,614	626	21,775	73	21,848	-	9,117	3,142	236,063	208,711
1988	549.35	208,687	1,431	9,154	10,585	21,974	73	22,047	-	9,005	3,715	216,543	191,890
1989	542.25	191,936	1,086	524	1,610	26,180	73	26,253	-	9,010	1,399	192,259	159,729
1990	527.43	159,688	-1,115	-	-1,115	21,494	73	21,567	-	8,353	1,447	159,688	130,141
1991	511.99	130,141	12,114	17,620	29,734	15,416	73	15,489	-	7,481	4,496	156,765	127,786
1992	518.58	142,203	20,483	44,202	64,685	12,042	73	12,114	-	8,704	5,620	201,197	142,203
1993	542.12	191,637	43,435	34,685	78,120	11,990	73	12,063	13,395	10,054	7,849	258,362	191,637
1994	562.58	242,177	1,806	3,504	5,310	16,345	73	16,418	-	10,347	3,458	245,810	224,141
1995	555.60	224,141	52,239	1,323	53,562	11,621	72	11,693	27,499	10,287	10,895	262,625	239,122
1996	561.42	239,122	6,883	5,371	12,254	15,902	23	15,925	-	10,489	6,897	244,346	224,898
1997	558.63	231,866	11,745	11,896	23,641	20,482	-	20,482	-	11,062	4,304	248,616	223,132
1998	557.06	227,839	51,727	6,338	58,065	13,411	-	13,411	34,907	9,503	12,632	267,542	227,743
1999	561.85	240,250	1,313	-	1,313	20,121	-	20,121	-	10,224	2,295	240,205	213,513
2000	551.33	213,513	13,541	4,482	18,023	21,506	-	21,506	-	9,801	5,134	227,132	205,434
2001	548.00	205,434	21,919	15,527	37,446	17,809	-	17,809	-	8,379	6,693	242,359	204,837
2002	555.24	223,233	-403	-	-403	22,092	-	22,092	-	8,286	2,718	223,183	194,359
2003	543.65	195,172	3,429	1,571	5,000	16,571	-	16,571	-	7,985	3,583	197,199	178,563
2004	536.62	179,219	9,006	2,853	11,859	20,214	-	20,214	-	7,783	4,897	182,113	157,595
2005	531.47	167,988	53,115	26,906	80,021	17,673	-	17,673	-	7,242	7,798	250,736	169,160
2006	558.25	230,891	9,382	12,091	21,473	17,253	-	17,253	-	7,649	5,534	252,651	231,585
2007	559.06	232,975	-1,450	-	-1,450	21,326	-	21,326	-	8,571	2,253	232,950	203,810
2008	547.35	203,882	15,470	9,927	25,397	18,325	-	18,325	-	8,753	5,538	231,071	203,595
2009	548.89	207,574	-580	506	-74	17,259	-	17,259	-	8,025	3,646	207,719	185,543
2010	539.59	185,881	12,419	10,926	23,345	14,637	-	14,637	-	6,898	7,051	199,945	182,049
2011	543.46	194,731	11,054	17,847	28,901	14,841	-	14,841	-	7,576	4,267	221,751	194,731
2012	548.02	205,482	-837	87	-750	16,244	-	16,244	-	8,263	3,165	205,482	183,746
2013	538.48	183,389	-1,649	-	-1,649	20,402	-	20,402	-	7,858	1,021	183,389	154,501
2014	524.88	154,501	217	1,018	1,235	18,811	-	18,811	-	7,678	2,353	154,501	131,511
2015	512.81	131,600	-1,810	-	-1,810	17,246	-	17,246	-	6,162	736	131,600	107,119
2016	498.22	107,119	-1,707	-	-1,707	14,151	-	14,151	-	4,311	2,394	107,759	89,317
2017**	486.02	89,344	14,074	6,091	20,165	12,214	-	12,214	-	5,435	3,020	111,640	82,919
2018	489.74	82,919	3,547	829	4,376	11,633	-	11,633	-	5,242	1,859	85,050	72,255
2019	481.10	72,278	15,366	21,230	36,596	7,668	-	7,668	-	5,434	4,023	107,663	72,149
2020	501.48	99,795	3,288	5,478	8,766	10,820	-	10,820	-	6,201	1,763	107,237	93,316
2021	497.29	93,449	2,766	2,034	4,800	12,468	-	12,468	-	5,704	2,407	93,434	76,737
2022	489.48	82,583	3,022	522	3,544	9,118	-	9,118	-	5,398	469	83,661	70,717
2023	480.93	72,079	51,751	53,313	105,064	5,612	-	5,612	-	7,237	7,286	176,417	73,519
2024	539.78	171,613	31,385	34,633	66,018	8,557	-	8,557	477	8,321	6,403	237,814	171,547
2025	562.57	226,115	9,056	4,356	13,412	9,090	-	9,090	-	8,421	7,812	229,880	213,545
2026	564.42	230,927											
AVG:	522.65	166,497	12,290	11,225	23,515	14,589	76	14,665	1,709	7,662	4,180	185,445	156,326
MAX:	525.23	249,931	55,379	53,313	105,728	26,180	2,677	26,253	34,907	11,062	12,632	267,542	239,122
MIN:	350.00		-1,810		-1,810	586		658		728	59	5,201	574

*Total water supply delivered to Casitas System during 1991 includes 1240 a.f. state project water into system and 450 a.f. delivered to Santa Barbara out of system.

**Reservoir storage rating table updated and adopted 01 Oct, 2017. Storage volumes after this date reported using 2017 Rating Table.

**HISTORICAL RAINFALL
CASITAS MUNICIPAL WATER DISTRICT**

	CASITAS	CASITAS	MATILAJA	3 - STATION	THACHER
WATER YEAR	DAM	RECREATION	DAM	MEAN	SCHOOL
1958-59	10.22	11.84	16.62	12.89	11.34
59-60	15.79	14.70	14.45	14.98	13.26
1960-61	8.77	8.42	13.24	10.14	9.48
61-62	37.75	33.96	39.21	36.97	28.74
62-63	18.70	17.54	20.07	18.77	16.87
63-64	13.62	12.04	16.13	13.93	12.79
64-65	23.26	22.77	22.83	22.95	17.42
65-66	25.23	25.23	30.30	26.92	24.59
66-67	34.43	32.30	44.78	37.17	31.14
67-68	16.61	16.44	15.20	16.08	12.62
68-69	46.57	47.55	69.94	54.69	46.93
69-70	16.70	16.52	18.98	17.40	N/A
1970-71	19.72	19.71	22.65	20.69	20.72
71-72	11.94	13.72	15.49	13.72	10.83
72-73	34.79	34.56	45.91	38.42	30.14
73-74	19.95	18.43	22.16	20.18	18.91
74-75	23.83	24.05	26.83	24.90	22.37
75-76	17.90	17.23	20.85	18.66	15.24
76-77	12.90	11.98	13.75	12.88	11.42
77-78	49.05	49.66	63.04	53.92	50.04
78-79	25.80	25.64	28.66	26.70	25.45
79-80	34.06	35.15	42.43	37.21	30.58
1980-81	16.24	16.99	21.88	18.37	15.53
81-82	19.35	20.34	25.35	21.68	21.44
82-83	51.14	48.22	58.65	52.67	52.17
83-84	17.91	16.63	19.34	17.96	14.83
84-85	17.30	15.93	19.00	17.41	12.68
85-86	33.49	32.20	41.32	35.67	27.27
86-87	10.86	9.83	11.44	10.71	9.01
87-88	18.62	18.40	21.58	19.53	20.87
88-89	11.73	11.85	13.65	12.41	12.27
89-90	9.46	8.86	12.48	10.27	8.61
1990-91	24.43	23.59	26.01	24.68	21.78
91-92	29.75	28.53	34.27	30.85	34.25
92-93	41.20	43.31	60.38	48.30	45.71
93-94	16.08	14.69	16.27	15.68	15.60
94-95	49.84	49.04	58.17	52.35	46.89
95-96	18.80	16.91	22.78	19.50	17.71
96-97	24.37	25.27	27.80	25.81	22.12
97-98	59.54	58.78	64.27	60.86	52.29
98-99	12.68	10.67	12.56	11.97	12.92
99-00	24.35	21.94	26.79	24.36	19.73
2000-01	29.36	27.86	33.45	30.22	30.55
01-02	9.28	8.77	10.10	9.38	8.27
02-03	24.83	23.69	30.58	26.37	21.35
03-04	17.03	14.33	18.84	16.73	13.04
04-05	54.66	51.28	74.44	60.13	52.90
05-06	26.52	25.84	34.58	28.98	26.00
06-07	8.60	7.15	9.23	8.33	7.65
07-08	26.19	24.58	33.62	28.13	23.89
08-09	14.82	12.91	16.56	14.76	13.62
09-10	31.13	28.48	36.54	32.05	24.35
2010-11	35.99	34.04	40.28	36.77	31.18
11-12	15.11	13.18	14.21	14.17	12.09
12-13	10.99	10.11	11.85	10.98	9.11
13-14	9.90	9.52	14.76	11.39	11.30
14-15	11.65	10.06	17.57	13.09	14.91
15-16	14.64	14.33	16.20	15.06	11.07
16-17	31.53	29.56	35.46	32.18	28.50
17-18	11.49	12.09	17.03	13.54	13.60
18-19	29.49	28.63	39.75	32.62	28.10
19-20	19.30	18.70	29.91	22.64	19.41
2020-21	7.07	7.22	6.48	6.92	5.82
21-22	19.33	17.15	22.19	19.56	16.15
22-23	53.63	49.14	65.97	56.25	45.86
23-24	39.00	35.76	42.24	39.00	30.33
24-25	11.32	10.75	13.86	11.98	10.16
AVERAGE	23.70	22.78	28.41	24.96	21.70
MAXIMUM	59.54	58.78	74.44	60.86	52.90
MINIMUM	7.07	7.15	6.48	6.92	0.00

*RAINFALL IN INCHES, WATER YEAR OCTOBER 1 THRU SEPTEMBER 30

BOLD NUMBERS INDICATE RECORD MAX/MIN RAINFALL AMOUNTS FOR THE PERIOD

NOTE: Matilija Dam Rainfall records after 2005-06 season obtained from the Ventura County

HISTORICAL MONTHLY RAINFALL LAKE CASITAS DAM

Note: This data is in combination with VCWPD data and may differ from what is reported for annual averages

W. YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1959/1960	0	0	1.18	5.61	4.78	0.65	3.57	0	0	0	0	0	15.79
1961	0.01	5.27	0.45	2.06	0	0.79	0.16	0	0	0	0	0.03	8.77
1962	0	5.62	1.89	3.07	25.49	1.61	0	0.07	0	0	0	0	37.75
1963	0.70	0.01	0.09	1.09	7.78	4.08	2.75	0.15	0.63	0	0	1.42	18.70
1964	0.73	4.83	0	3.11	0	2.50	2.10	0.07	0.18	0	0.10	0	13.62
1965	0.82	2.46	8.65	0.60	0.31	1.45	8.36	0.02	0	0	0	0.59	23.26
1966	0	14.37	7.04	2.43	1.19	0.12	0	0.03	0	0	0	0.05	25.23
1967	0	4.36	10.18	9.29	0.24	3.87	6.35	0	0	0	0	0.14	34.43
1968	0	5.62	1.40	1.75	1.68	5.01	1.13	0	0	0	0.02	0	16.61
1969	1.09	0.91	2.29	26.59	12.12	1.24	2.12	0	0	0.21	0	0	46.57
1969/1970	0	3.77	0.15	3.50	3.45	5.83	0	0	0	0	0	0	16.70
1971	0.03	7.74	6.18	1.56	1.31	0.99	0.83	1.08	0	0	0	0	19.72
1972	0.10	0.43	10.46	0.31	0.38	0	0.19	0.02	0	0	0	0.05	11.94
1973	0.27	6.31	1.23	8.94	14.86	3.17	0.01	0	0	0	0	0	34.79
1974	0.52	2.44	2.04	9.82	0	4.87	0.20	0	0	0	0	0	19.89
1975	0.74	0.15	10.00	0	4.95	6.50	1.48	0	0	0	0	0.01	23.83
1976	0.19	0	0.08	0	6.99	2.05	0.70	0	0.15	0.15	0	7.59	17.90
1977	0	0.53	0.95	6.11	0.25	1.93	0	2.70	0	0	0.43	0	12.90
1978	0	0.14	6.41	10.35	11.55	16.55	2.86	0	0	0	0.02	1.17	49.05
1979	0.06	2.77	2.28	5.86	5.35	8.39	0	0	0.01	0	0	0.63	25.35
1979/1980	0.61	1.10	2.02	8.89	15.92	4.62	0.62	0.22	0	0	0	0.06	34.06
1981	0.02	0	2.10	3.67	2.06	7.87	0.52	0	0	0	0	0	16.24
1982	0.59	2.99	0.76	3.38	1.03	6.74	2.86	0.02	0	0	0	0.98	19.35
1983	0.76	6.63	5.44	13.62	8.92	8.47	5.40	0.21	0	0	1.08	0.60	51.13
1984	4.94	6.02	4.85	0.12	0.01	0.49	0.08	0	0	0.25	0.13	1.06	17.95
1985	0.49	4.72	7.18	1.13	1.87	1.85	0	0	0	0.02	0	0.04	17.30
1986	0.64	7.00	0.99	3.51	10.71	6.96	1.96	0	0	0	0	1.33	33.10
1987	0	1.92	0.50	2.58	2.23	3.50	0.11	0	0.02	0.02	0	0	10.88
1988	1.50	1.48	4.05	3.60	2.57	1.45	3.82	0	0.15	0	0	0	18.62
1989	0	1.24	4.40	0.74	3.92	0.90	0.25	0.18	0	0	0	0.10	11.73
1989/1990	0.52	0.31	0	3.85	3.59	0.02	0.13	1.02	0	0	0	0.01	9.45
1991	0	0.33	0	2.10	3.50	18.30	0	0	0.18	0.01	0.01	0	24.43
1992	0.58	0.23	4.89	3.33	11.54	5.90	0.07	0.49	0	0.37	0	0	27.40
1993	1.43	0	6.91	14.02	11.59	6.44	0	0.17	0.64	0	0	0	41.20
1994	0.09	1.32	2.03	0.75	8.58	2.04	0.53	0.24	0	0	0	0.08	15.66
1995	0.90	1.81	1.22	29.05	2.17	12.30	0.44	1.47	0.48	0	0	0	49.84
1996	0	0.19	3.19	1.67	10.34	1.96	1.14	0.31	0	0	0	0	18.80
1997	4.58	3.04	9.13	7.54	0.08	0	0	0	0.12	0	0	0	24.49
1998	0.01	3.42	7.09	4.48	31.14	6.58	2.59	3.83	0.08	0	0	0.33	59.55
1999	0	1.36	0.86	2.77	1.12	3.46	2.49	0	0.15	0	0	0.18	12.39
1999/2000	0	1.17	0	2.77	12.27	3.77	4.22	0	0	0	0	0.09	24.29
2001	2.85	0	0.05	8.59	7.66	8.58	1.61	0	0	0.02	0	0	29.36
2002	0.42	4.18	2.22	1.15	0.44	0.49	0.08	0.19	0	0	0	0.11	9.28
2003	0	6.17	6.12	0	4.31	4.43	1.79	2.49	0.14	0	0	0	25.45
2004	0	3.40	2.96	0.96	9.07	0.64	0	0	0	0	0	0	17.03
2005	6.98	0.06	10.68	20.41	9.84	4.70	0.75	0.91	0	0	0	0.33	54.66
2006	0.95	0.78	1.46	5.46	3.51	4.52	8.51	1.33	0	0	0	0	26.52
2007	0.12	0.27	1.28	3.54	2.07	0.03	0.82	0	0	0	0	0.47	8.60
2008	0.51	0.09	4.46	18.24	2.74	0	0.06	0.03	0	0	0.06	0	26.19
2009	0.15	3.12	3.37	0.64	6.13	1.16	0.21	0	0.04	0	0	0	14.82
2009/2010	6.00	0	5.33	8.88	6.45	0.49	3.76	0.22	0	0	0	0	31.13
2011	2.25	1.91	15.79	0.79	5.40	8.39	0.04	1.21	0.21	0	0	0	35.99
2012	1.90	3.10	0.30	1.88	0.07	4.60	3.21	0	0	0.02	0.01	0.02	15.11
2013	0.06	3.50	3.86	2.07	0.28	1.22	0	0	0	0	0	0	10.99
2014	0.09	0.90	0.63	0	4.56	3.17	0.48	0.01	0	0	0.06	0	9.90
2015	0	1.28	5.51	2.12	0.77	0.46	0.38	0.25	0.19	0.37	0	0.32	11.65
2016	0.41	0.09	0.40	7.20	2.18	3.77	0.53	0.06	0	0	0	0	14.64
2017	0.71	0.83	4.15	10.88	12.91	1.27	0.53	0.14	0	0	0	0.11	31.53
2018	0	0.03	0	2.83	0.14	8.43	0.02	0.04	0	0	0	0	11.49
2019	0.14	3.11	1.16	9.07	9.56	4.37	0.06	2.02	0	0	0	0	29.49
2019/2020	0	1.86	6.93	0.82	0.17	4.97	4.46	0.08	0.01	0	0	0	19.30
2021	0.01	0.19	1.69	3.99	0	1.29	0	0.02	0	0	0	0	7.19
2022	1.96	0.05	14.30	0.13	0	2.61	0.23	0	0	0	0	0.05	19.33
2023	0.02	1.67	7.59	20.73	6.93	14.34	0.01	1.05	0.17	0	1.06	0.06	53.63
2024	0.01	0.46	5.95	2.57	20.75	7.47	1.67	0.07	0.01	0.04	0	0	39.00
2025	0	0.48	0.05	0.70	6.13	3.07	0.38	0	0	0	0	0.51	11.32
AVG	0.73	2.30	3.74	5.29	5.60	4.09	1.36	0.34	0.05	0.02	0.05	0.28	23.85
MAX	6.98	14.37	15.79	29.05	31.14	18.30	8.51	3.83	0.64	0.37	1.08	7.59	59.55
MIN	0	0	0	0	0	0	0	0	0	0	0	0	7.19

Rainfall in inches, water year October 1 through September 30

HISTORICAL MONTHLY RAINFALL LAKE CASITAS RECREATION AREA (STA #204)

W. YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1959/1960	0	0	1.25	5.40	4.29	0.78	2.98	0	0	0	0	0	14.70
1961	0	5.08	0.48	1.90	0	0.63	0.23	0.06	0	0	0	0.04	8.42
1962	0	5.47	1.78	2.56	22.65	1.45	0	0.05	0	0	0	0	33.96
1963	0.49	0.01	0.05	1.35	6.85	3.59	2.61	0.39	0.51	0	0	1.69	17.54
1964	0.48	4.57	0	2.53	0	1.84	2.17	0.11	0.13	0	0.21	0	12.04
1965	0.84	3.39	8.33	0.67	0.38	1.59	7.29	0.01	0.01	0	0	0.26	22.77
1966	0	14.19	7.07	2.51	1.11	0.04	0	0.10	0	0	0	0.21	25.23
1967	0.02	4.80	9.71	7.80	0.27	3.53	5.82	0	0	0	0	0.35	32.30
1968	0	5.03	1.15	1.53	1.51	4.76	1.13	0	0	0	0	0	15.11
1969	1.23	0.91	2.62	26.58	12.81	1.26	2.01	0.01	0	0.12	0	0	47.55
1969/1970	0	3.52	0.19	3.68	3.70	5.43	0	0	0	0	0	0	16.52
1971	0	6.36	6.94	1.51	0	0.71	0.55	0.03	0	0	0	0	16.10
1972	0.15	0.62	11.02	0.33	0.58	0	0.16	0	0.02	0	0	0.14	13.02
1973	0.13	6.75	1.20	9.14	14.17	3.16	0	0	0	0	0	0	34.55
1974	0.65	1.94	1.43	9.40	0	4.82	0.09	0	0	0	0	0	18.33
1975	0.67	0.12	10.26	0	4.96	6.50	1.54	0	0	0	0	0	24.05
1976	0.23	0	0.13	0	6.43	2.10	0.71	0	0.25	0	0.06	7.32	17.23
1977	0.01	0.63	0.71	4.96	0.25	2.27	0	2.76	0	0	0.39	0	11.98
1978	0.02	0.09	6.57	11.35	13.04	14.71	2.53	0	0	0	0	1.35	49.66
1979	0	2.57	2.48	6.00	5.90	7.83	0	0	0	0	0	0.86	25.64
1979/1980	0.64	0.95	1.96	9.56	16.93	4.04	0.75	0.32	0	0	0	0	35.15
1981	0	0	2.21	4.59	2.15	7.45	0.59	0	0	0	0	0	16.99
1982	0.67	2.64	0.78	4.20	0.90	6.85	2.81	0	0	0	0	1.49	20.34
1983	0.71	5.87	4.60	12.59	8.48	9.13	4.86	0.18	0	0	1.18	0.62	48.22
1984	4.88	5.57	5.14	0.09	0	0.55	0.05	0	0	0.09	0.08	1.06	17.42
1985	0.41	4.21	6.91	1.42	1.71	1.62	0.02	0	0	0	0	0	16.30
1986	0.55	6.28	1.15	3.97	11.09	6.26	1.74	0	0	0	0	1.25	32.29
1987	0	1.66	0.49	2.16	2.06	3.32	0.12	0	0.03	0	0	0	9.84
1988	1.52	1.14	4.10	3.53	2.63	1.75	3.08	0	0	0	0	0.07	17.82
1989	0	1.18	3.91	0.48	4.74	0.87	0.34	0.22	0	0	0	0.11	11.85
1989/1990	0.61	0.47	0	3.67	2.92	0.01	0.18	0.93	0.03	0	0	0.04	8.86
1991	0	0.36	0	2.03	3.85	17.19	0	0	0.16	0	0	0	23.59
1992	0.62	0.25	4.52	2.90	13.83	5.79	0.05	0.32	0	0.25	0	0	28.53
1993	1.53	0	7.58	14.97	11.88	6.22	0	0.19	0.94	0	0	0	43.31
1994	0.08	1.27	1.69	0.69	8.14	2.02	0.48	0.27	0	0	0	0.05	14.69
1995	0.69	1.48	0.96	27.61	2.29	14.03	0.29	1.29	0.40	0	0	0	49.04
1996	0.11	2.49	1.92	9.37	1.54	1.03	0.45	0	0	0	0	0	16.91
1997	4.06	2.92	7.99	10.21	0.09	0	0	0	0	0	0	0	25.27
1998	0	3.59	8.32	4.59	30.12	6.54	2.19	3.21	0.06	0	0	0.16	58.78
1999	0	1.27	0.84	2.74	0.81	2.38	2.19	0	0.17	0	0	0.27	10.67
1999/2000	0	1.00	0	2.34	11.96	3.24	3.28	0	0	0	0	0.12	21.94
2001	2.75	0	0.03	8.48	7.02	8.02	1.56	0	0	0	0	0	27.86
2002	0.41	4.37	1.60	1.10	0.36	0.53	0.08	0.23	0	0	0	0.02	8.70
2003	0	5.63	5.10	0	3.97	4.98	1.27	2.74	0	0	0	0	23.69
2004	0.05	2.68	2.13	0.79	8.08	0.60	0	0	0	0	0	0	14.33
2005	7.09	0.02	10.37	17.30	10.22	4.47	0.90	0.60	0	0	0	0.31	51.28
2006	0.97	0.87	0.79	4.93	3.73	4.87	8.21	1.47	0	0	0	0	25.84
2007	0.22	0.10	1.03	2.68	1.66	0.10	1.01	0	0	0	0	0.35	7.15
2008	0.46	0.04	3.40	17.93	2.49	0	0.09	0.06	0	0	0.11	0	24.58
2009	0.16	3.19	2.64	0.43	5.43	0.84	0.19	0	0	0	0	0	12.88
2009/2010	6.91	0	4.33	8.71	5.47	0.37	2.39	0.30	0	0	0	0	28.48
2011	2.14	1.91	13.09	0.90	5.32	9.42	0.11	0.94	0.21	0	0	0	34.04
2012	1.69	2.64	0.30	1.22	0.27	3.89	3.16	0	0	0	0	0.01	13.18
2013	0.15	3.74	3.15	1.91	0.10	0.81	0.25	0	0	0	0	0	10.11
2014	0.03	0.77	0.44	0	4.31	3.49	0.42	0	0	0	0.06	0	9.52
2015	0	0.96	5.41	1.44	0.82	0.25	0.2	0.3	0.14	0.32	0	0.22	10.06
2016	0.40	0	0.36	6.72	2.35	4.00	0.50	0	0	0	0	0	14.33
2017	0.71	1	3.79	10.45	11.75	1.30	0.48	0	0	0	0	0	29.56
2018	0	0.05	0	4.14	0.07	7.67	0.02	0.14	0	0	0	0	12.09
2019	0.11	2.47	1.73	8.12	10.64	3.66	0.02	1.88	0	0	0	0	28.63
2019/2020	0	1.59	6.07	0.57	0.67	5.25	4.46	0.08	0.01	0	0	0	18.70
2021	0	0.19	2.65	3.20	0.03	1.15	0	0	0	0	0	0	7.22
2022	1.50	0	13.50	0.07	0.03	1.90	0	0	0	0	0	0.15	17.15
2023	0.01	1.44	5.81	18.45	7.55	14.45	0	0.12	0.17	0	1.14	0	49.14
2024	0	0.46	5.74	2.38	19.45	6.09	1.62	0.02	0	0	0	0	35.76
2025	0	0.60	0.05	0.59	5.45	3.16	0.42	0	0	0	0	0.48	10.75
AVG	0.72	2.20	3.51	5.23	5.37	3.92	1.22	0.30	0.05	0.01	0.05	0.29	22.87
MAX	7.09	14.19	13.50	27.61	30.12	17.19	8.21	3.21	0.94	0.32	1.18	7.32	58.78
MIN	0	0	0	0	0	0	0	0	0	0	0	0	7.15

Rainfall in inches, water year October 1 through September 30

Surrogate data used from Casitas Dam due missing data

ROBLES-CASITAS CANAL MONTHLY DIVERSIONS

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		TOTAL		Avg. Rain	
	days	a.f.	days	a.f.	days	a.f.	days	a.f.	days	a.f.	days	a.f.	days	a.f.	days	a.f.	days	a.f.	days	a.f.	days	a.f.	days	a.f.	days	a.f.		
1959	26	374	21	3645	23	928	3	158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	5105	12.89	
1960	0	0	2	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	24	14.98	
1961	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	23	2	32	10.14
1962	0	0	20	13564	31	6882	30	1438	5	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	21915	36.97	
1963	0	0	23	2043	11	896	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	2939	18.77	
1964	2	10	0	0	0	0	1	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	176	5	354	13.93	
1965	0	0	0	0	0	0	29	4955	4	79	0	0	0	0	0	0	0	0	0	0	14	11676	28	4729	75	21439	22.95	
1966	31	11440	28	3754	12	418	0	0	0	0	0	0	0	0	0	0	0	0	3	821	2	108	28	8782	104	25323	26.92	
1967	20	6284	16	1170	23	5023	30	10488	31	8909	30	1571	15	478	0	0	0	0	4	454	9	291	18	504	196	35172	37.17	
1968	0	0	1	16	24	339	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	715	0	0	29	1070	16.08	
1969	7	4924	20	11902	31	16623	30	8654	31	2685	30	1507	31	2710	5	360	0	0	0	0	5	76	10	908	200	50349	54.69	
1970	13	312	14	988	31	7347	11	404	0	0	0	0	0	0	0	0	3	365	0	0	1	575	19	5868	92	15859	17.40	
1971	31	3460	24	2011	3	24	0	0	0	0	9	861	0	0	0	0	0	0	0	0	4	550	7	4051	78	10957	20.69	
1972	20	1093	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	620	0	0	1	5	0	0	25	1718	13.72	
1973	15	3445	28	15331	31	14219	30	4274	23	1435	0	0	0	0	0	0	0	0	0	0	5	884	0	0	132	39588	38.42	
1974	23	6431	8	501	19	2437	4	539	0	0	0	0	0	0	0	0	0	0	0	3	397	3	1427	60	11732	20.18		
1975	0	0	7	1090	21	8876	17	1826	3	686	0	0	0	0	0	0	0	0	0	3	510	0	0	51	12988	24.90		
1976	0	0	9	2855	0	0	0	0	0	0	0	0	0	0	0	0	2	583	0	0	0	0	0	0	11	3438	18.66	
1977	0	0	0	0	0	0	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	4	1044	5	1094	12.88	
1978	24	7290	28	13204	17	7034	0	0	0	0	4	1167	0	0	0	0	0	0	0	0	0	0	0	0	73	28695	53.92	
1979	0	0	26	4712	16	1796	0	0	3	670	0	0	5	1667	0	0	0	0	0	0	0	0	0	0	50	8845	26.70	
1980	20	1456	15	1127	2	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	2717	37.21	
1981	4	203	0	0	31	5018	2	551	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	5772	18.37	
1982	3	599	0	0	11	1492	25	3582	28	494	15	74	0	0	0	0	0	0	0	7	657	14	3035	103	9933	21.68		
1983	10	8994	28	8791	0	0	0	0	0	0	17	1138	20	1430	4	218	11	536	0	0	0	0	14	1024	104	22131	52.67	
1984	0	0	8	1130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	957	17	2087	17.96	
1985	3	528	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1522	9	964	19	3015	17.41		
1986	2	1385	28	14926	31	14415	30	5430	22	1418	27	1742	0	0	0	0	0	0	0	0	0	0	0	0	140	39316	35.67	
1987	0	0	0	0	10	1034	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	580	12	1614	10.71	
1988	10	1368	4	1533	15	4725	11	885	3	643	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	9154	19.53	
1989	0	0	7	524	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	524	12.41	
1990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.27	
1991	0	0	1	367	18	11776	30	4186	12	925	0	0	0	0	0	0	0	0	0	0	0	2	366	63	17620	24.68		
1992	5	1026	23	14826	31	15898	30	7228	31	2460	9	413	0	0	4	504	0	0	0	0	0	6	1847	139	44202	30.85		
1993	27	21012	16	10886	0	0	0	0	7	963	5	1039	4	785	0	0	0	0	0	0	0	0	0	0	59	34685	48.30	
1994	0	0	13	1645	7	932	0	0	6	927	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	3504	15.68	
1995	3	1323	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1323	52.35	
1996	0	0	0	0	6	1291	0	0	4	371	0	0	0	0	0	0	0	0	0	0	2	354	9	3355	21	5371	19.50	
1997	18	7134	6	1843	4	917	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2002	32	11896	25.81	
1998	5	1366	6	4972	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	6338	60.86		
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.97	
2000	0	0	4	1459	10	3023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	4482	24.36		
2001	2	451	13	2140	28	11786	14	1039	1	111	0	0	0	0	0	0	0	0	0	0	0	0	0	58	15527	30.22		
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.38	
2003	0	0	0	0	5	982	5	264	5	325	0	0	0	0	0	0	0	0	0	0	0	0	0	15	1571	26.37		
2004	0	0	3	1010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1843	10	2853	16.73	
2005	31	12925	28	9297	22	4568	0	0	2	116	0	0	0	0	0	0	0	0	0	0	0	0	0	83	26906	60.13		
2006	7	444	1	246	22	1283	30	8525	31	1593	0	0	0	0	0	0	0	0	0	0	0	0	0	91	12091	28.98		
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.33	
2008	16	4137	29	4707	31	1083	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	9927	28.13		
2009	0	0	11	365	3	127	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0	0	1	6	16	506	14.76	
2010	13	3461	28	1954	31	685	18	368	0	0	0	0	0	0	0	0	0	0	0	0	0	13	4459	103	10926	32.05		
2011	31	1739	26	714	31	8151	30	5548	31	1546	13	149	0	0	0	0	0	0	0	0	0	0	0	162	17847	36.77		
2012	0	0	0	0	1	12	2	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	87	14.17		
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.98	
2014	0	0	1	307	3	649	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	62	6	1018	11.39		
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.09	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15.06	
2017	4	578	21	4482	27	1031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	6091	32.18		
2018	0	0	0	0	5	638	0	0	0	0	0	0	0	0	0	0	0	0	0	2	141	1	50	8	829	13.53		
2019	19	1751	26	8506	31	8122	30	1523	30	788	1	1	0	0	0	0	0	0	0	0	0	12	539	149	21230	32.62		
2020	0																											