State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
July
2015

Edmund G. Brown Jr.
Governor
State of California

John Laird
Secretary for Resources
The Resources Agency

Mark Cowin
Director
Department of Water Resources

This monthly report of operational data for the State Water Project (SWP) has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at www.water.ca.gov/swp/operationscontrol/projectwide.cfm. It provides the State Water Contractors, public agencies, consultants, and others with the daily and monthly status of SWP's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

Printed copies of these reports may be available for a fee.
For details, please contact:

State of California
Department of Water Resources
P.O. Box 942836
Sacramento, CA 94236-0001

Or call the DWR Publications Desk at (916) 653-1097

Please direct questions and comments regarding the contents of this report to the Regulatory Compliance and Reporting Branch, Reporting Section at (916) 574-2677.

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
July
2015

Edmund G. Brown Jr.	**John Laird**	**Mark Cowin**
Governor	Secretary for Resources	Director
State of California	**The Resources Agency**	**Department of Water Resources**

State of California
EDMUND G. BROWN JR., Governor

The Resources Agency
JOHN LAIRD, Secretary for Resources

Department of Water Resources
MARK COWIN, Director

Department of Water Resources
CARL TORGERSEN, Chief Deputy Director

WILLIAM CROYLE Deputy Director	GARY BARDINI Deputy Director	MARK ANDERSEN Deputy Director	JOHN PACHECO Deputy Director	KATHIE KISHABA Deputy Director	TARYN RAVAZZINI Deputy Director

DIVISION OF OPERATIONS AND MAINTENANCE

David Duval ..... Chief, Division of Operations and Maintenance

This report was prepared under the direction of

Joel Ledesma ..... Chief, Operations Control Office
John Leahigh ..... Principal Engineer, Water Operations Office
Tracy Hinojosa ..... Supervising Engineer, Regulatory Compliance and Reporting Branch
Guy Masier ..... Senior Engineer, Data Management Section

By the Reporting Section

Michael Nolasco ..... Section Chief, Reporting Section
Mary Valdez ..... Water Resources Engineering Associate (Specialist)
Clay Thomas ..... Water Resources Engineering Associate (Specialist)
Edna Smith ..... Water Resources Engineering Associate (Specialist)

The organization shown above represents staff and positions relevant to this report as of month of publication, August 2016. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

Table of Contents

Page

Organization Page ii

Table of Contents iii

Monthly Highlights 1

Oroville Field Division Water Operations

Table — Page

1 Antelope Lake, Daily Operation 2

2 Frenchman Lake, Daily Operation 3

3 Lake Davis, Daily Operation 4

4 Lake Oroville, Daily Operation 5

5 Thermalito Forebay, Including Diversion Pool and Power Canal, Daily Operation 6

6 Thermalito Afterbay, Daily Operation 7

7 Oroville-Thermalito Complex, Water Temperature Data 8

Delta Field Division Water Operations

8 North Bay Aqueduct, Delta Field Division 9

9 Delta Field Division Plant Data 10

10 Clifton Court Forebay, Daily Operation of Gates 11

11 Governor Edmund G. Brown California Aqueduct, Delta Field Division, Monthly Deliveries 12

12 South Bay Aqueduct, Delta Field Division, Monthly Deliveries 13

13 Lake Del Valle, Daily Operation 14

San Luis Field Division Water Operations

14 Consolidated State-Federal O'Neill Forebay, Daily Operations 15

15 Consolidated State-Federal San Luis Reservoir, Daily Operations 16

16 San Luis Field Division Plant Data 17

17 Consolidated State-Federal Los Banos Reservoir, Daily Operations 18

18 Consolidated State-Federal Little Panoche Reservoir, Daily Operations 19

19 Governor Edmund G. Brown California Aqueduct, San Luis Field Division, Monthly Deliveries 20

20 Consolidated State-Federal San Luis Canal, Daily Operations 22

San Joaquin Field Division Water Operations

21 San Joaquin Field Division Plant Data 23

22 Governor Edmund G. Brown California Aqueduct, San Joaquin Field Division, Monthly Deliveries 24

23 Governor Edmund G. Brown California Aqueduct, San Joaquin Field Division, Monthly Deliveries (Coastal Branch) 27

Southern Field Division Water Operations

24 Southern Field Division Plant Data 28

25 Pyramid Lake, Daily Operation 29

26 Elderberry Forebay, Daily Operation 30

27 Castaic Lake, Daily Operation 31

28 Governor Edmund G. Brown California Aqueduct, Southern Field Division, Monthly Deliveries (West Branch) 32

29 Silverwood Lake, Daily Operation 33

30 Lake Perris, Daily Operation 34

31 Governor Edmund G. Brown California Aqueduct, Southern Field Division, Monthly Deliveries (East Branch) 35

Water Quality Operations

32 Water Quality at Selected SWP Locations 37

33 Water Quality at Selected Delta Stations 38

34 Pesticides, Herbicides, and Other Organic Substances Detected in the SWP 39

Energy Operations

35 Oroville and Delta Field Divisions Energy Data 40

36 San Luis Field Division Energy Data 41

37 San Joaquin Field Division Pumping Plant Energy Load Data 42

38 Southern Field Division Energy Data 43

MONTHLY HIGHLIGHTS

The following activities, actions, and conditions affected State Water Project (SWP) operations during July 2015:

Statewide precipitation was about 75 percent of average for water year 2014−2015 through July 31. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available on the internet at: "http://cdec.water.ca.gov/snow_rain.html".

Snowpack data is compiled four times annually, for the months of January, February, March, and April, by the California Department of Water Resources (DWR) in Bulletin 120. The Bulletin also contains forecasts of seasonal runoff volume from the State's major watersheds, summaries of precipitation, and reservoir storages in various regions of the State. July snowpack data is not available.

Cumulative unimpaired runoff for the Sacramento River Region for water year 2014−2015 was 8.7 maf, 50 percent of average. Statewide runoff for water year 2014−2015 was 45 percent of average.

Statewide reservoir storage was 55 percent of average to date. Total storage in major SWP reservoirs at the end of July was about 2.05 maf compared to 1.87 maf at this time in 2014. On July 31, end-of-month storage at Lake Oroville was about 1.16 maf, as compared to 1.25 maf at this time in 2014. The State share of San Luis Reservoir's end-of-month storage was about 481 taf, as compared with 168 taf at this time in 2014. The combined storage in SWP's southern reservoirs was about 412 taf, compared with about 453 taf at this time in 2014.

The cumulative SWP aqueduct deliveries to date through July were about 950 taf, excluding Oroville Field Division (OFD). Total aqueduct deliveries through this same period in 2014 were 1.12 maf. OFD deliveries to date through July were 412 taf. Total OFD deliveries through this same period in 2014 were 529 taf. Water deliveries are a combination of project, transfer, and exchange classifications.

By mutual agreement between the U.S. Bureau of Reclamation (USBR) and DWR in accordance with Article 6(h) of the Coordinated Operation Agreement (COA), conditions remained "Balanced" with accounting throughout July. "Balanced" conditions exist when DWR and USBR agree that releases from upstream reservoirs plus unregulated flow approximately equal the water supply needed to meet Sacramento Valley in-basin uses, plus exports. The end-of-month USBR COA balance was 12,563 cfs in favor of the USBR.

There were two measurable earthquakes that occurred during the month of July. The first occurred on July 21 and no SWP damage was noted or inspections required. The second occurred on July 25 and numerous SWP sites were recommended for inspection; however, no damage was reported. During the month of July, there were no reports on fish salvage. Grid restricted maintenance operation was declared by the CAISO on July 1 for the period from 00:00 through 23:59. Several days in July, Thermalito Afterbay River Outlet and the total releases to the Feather River were increased. These increases were due to the needs of the Delta. On July 2, South Bay PP unit 8 became available after being out of service since June 25. Releases from Frenchman Dam increased from 16 cfs to 21 cfs to meet contractor's demands on July 3. Releases increased again on July 6 from 21 cfs to 33 cfs. On July 7, Frenchman Dam releases were decreased from 33 cfs to 28 cfs per the water supply contract. Clifton Court's allotment for July 7 decreased from 400 cfs to 250 cfs due to outflow and salinity management. On July 12, Flood Management in Sacramento reported a high water notification for the Sacramento River at Rio Vista for July 13-14. The river's elevation was forecasted to exceed monitor stage of 7.4 ft. On July 20, the Delta Cross Channel gates were closed per the USBR and were reopened on July 24.

Table 1. Antelope Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

July 2015

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow	
				Stream-flow Maint.	Water Supply Contract	Water Right				
Jun 30	5,000.58	21,269								
1	5,000.52	21,215	-54	20	0	0	0	7	27	0
2	5,000.47	21,170	-45	20	0	0	0	3	23	0
3	5,000.43	21,135	-35	20	0	0	0	10	30	12
4	5,000.38	21,090	-45	20	0	0	0	3	23	0
5	5,000.32	21,037	-53	20	0	0	0	7	27	0
6	5,000.26	20,983	-54	20	0	0	0	7	27	0
7	5,000.26	20,983	0	20	0	0	0	20	40	40
8	5,000.24	20,965	-18	20	0	0	0	20	40	31
9	5,000.23	20,957	-8	20	0	0	0		20	16
10	5,000.17	20,903	-54	20	0	0	0	7	27	0
11	5,000.12	20,859	-44	20	0	0	0	2	22	0
12	5,000.06	20,806	-53	20	0	0	0	7	27	0
13	5,000.01	20,762	-44	20	0	0	0	2	22	0
14	4,999.95	20,701	-61	20	0	0	0	11	31	0
15	4,999.90	20,656	-45	20	0	0	0	3	23	0
16	1,999.84	20,603	-53	20	0	0	0	7	27	0
17	4,999.80	20,568	-35	20	0	0	0	19	39	21
18	4,999.74	20,515	-53	20	0	0	0	7	27	0
19	4,999.69	20,471	-44	20	0	0	0	2	22	0
20	4,999.65	20,436	-35	20	0	0	0	20	40	22
21	4,999.62	20,409	-27	20	0	0	0	5	25	11
22	4,999.56	20,356	-53	20	0	0	0	7	27	0
23	4,999.49	20,295	-61	20	0	0	0	11	31	0
24	4,999.43	20,242	-53	20	0	0	0	7	27	0
25	4,999.37	20,190	-52	20	0	0	0	6	26	0
26	4,999.31	20,138	-52	20	0	0	0	6	26	0
27	4,999.25	20,085	-53	20	0	0	0	7	27	0
28	4,999.19	20,033	-52	20	0	0	0	6	26	0
29	4,999.14	19,990	-43	20	0	0	0	2	22	0
30	4,999.10	19,955	-35	20	0	0	0	1	21	3
31	4,999.07	19,929	-26	20	0	0	0	1	21	8
Total cfs-days				620	0	0	0	223	843	167
Total ac-ft			-1,340	1,230	0	0	0	443	1,673	333

* Estimated daily values

Table 2. Frenchman Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 55,477 ac-ft

July 2015

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow 2/ (cfs)
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow	
				Stream-flow Maint.	Water Right 1/	Water Supply Contract				
Jun 30	5,555.99	17,331								
1	5,554.93	17,285	-46	2	12	0	0	0	14	-9
2	5,554.89	17,254	-31	2	14	0	0	0	16	0
3	5,554.87	17,239	-15	2	19	0	0	0	21	13
4	5,554.83	17,208	-31	2	19	0	0	0	21	5
5	5,554.75	17,147	-61	2	19	0	0	10	31	0
6	5,554.58	17,017	-130	2	31	0	0	33	66	0
7	5,554.52	16,971	-46	2	26	0	0	0	28	5
8	5,554.49	16,948	-23	2	26	0	0	0	28	16
9	5,554.36	16,850	-98	2	19	0	0	28	49	0
10	5,554.31	16,812	-38	2	4	0	0	13	19	0
11	5,554.27	16,782	-30	2	4	0	0	9	15	0
12	5,554.24	16,759	-23	2	4	0	0	6	12	0
13	5,554.20	16,729	-30	2	4	0	0	9	15	0
14	5,554.17	16,706	-23	3	0	0	0	9	12	0
15	5,554.16	16,699	-7	3	0	0	0	1	4	0
16	5,554.13	16,676	-23	3	0	0	0	9	12	0
17	5,554.13	16,676	0	3	0	0	0	0	3	3
18	5,554.10	16,653	-23	3	0	0	0	9	12	0
19	5,554.06	16,623	-30	3	0	0	0	12	15	0
20	5,554.04	16,608	-15	3	0	0	0	5	8	0
21	5,554.05	16,616	8	3	0	0	0	0	3	7
22	5,554.03	16,601	-15	3	0	0	0	5	8	0
23	5,553.99	16,571	-30	3	0	0	0	12	15	0
24	5,553.92	16,519	-52	3	30	0	0	0	33	7
25	5,553.79	16,421	-98	3	30	0	0	16	49	0
26	5,553.66	16,325	-96	3	30	0	0	10	43	-5
27	5,553.56	16,251	-74	3	30	0	0	1	34	-3
28	5,553.47	16,184	-67	3	20	0	0	0	23	-11
29	5,553.37	16,111	-73	3	28	0	0	0	31	-6
30	5,553.24	16,015	-96	3	28	0	0	0	31	-17
31	5,553.14	15,942	-73	3	28	0	0	0	31	-6
Total cfs-days				80	425	0	0	197	702	2
Total ac-ft			-1,389	159	843	0	0	391	1,393	4

1/ Last Chance Creek Water District.

2/ Negative inflows are a result of skewed water surface elevation.

Table 3. Lake Davis

Daily Operation

(in acre-feet except as noted)

Capacity: 84,371 ac-ft

July 2015

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow	
				Stream-flow Maint.	Water Right 1/	Water Supply Contract 2/				
Jun 30	5,763.01	43,554								
1	5,762.99	43,499	-55	8	2	1.19	0	17	28	0
2	5,762.99	43,499	0	8	2	1.19	0	2	13	13
3	5,762.97	43,443	-56	8	2	1.19	0	17	28	0
4	5,762.94	43,360	-83	8	2	1.19	0	31	42	0
5	5,762.91	43,277	-83	8	2	1.19	0	31	42	0
6	5,762.88	43,194	-83	8	3	1.19	0	31	43	1
7	5,762.89	43,222	28	8	3	1.19	0	2	14	28
8	5,762.89	43,222	0	8	3	1.19	0	2	14	14
9	5,762.97	43,443	221	8	2	1.19	0	2	13	124
10	5,762.95	43,388	-55	8	2	1.19	0	17	28	0
11	5,762.92	43,305	-83	8	2	1.19	0	31	42	0
12	5,762.89	43,222	-83	8	2	1.19	0	31	42	0
13	5,762.87	43,167	-55	8	2	1.19	0	17	28	0
14	5,762.84	43,084	-83	8	2	1.19	0	31	42	0
15	5,762.82	43,029	-55	8	2	1.19	0	17	28	0
16	5,762.80	42,974	-55	8	2	1.19	0	17	28	0
17	5,762.76	42,864	-110	8	2	1.19	0	45	56	1
18	5,762.73	42,781	-83	8	2	1.19	0	31	42	0
19	5,762.73	42,781	0	8	2	1.19	0	1	12	12
20	5,762.71	42,726	-55	8	2	1.19	0	17	28	0
21	5,762.71	42,726	0	8	2	1.19	0	1	12	12
22	5,762.69	42,671	-55	8	2	1.19	0	17	28	1
23	5,762.65	42,562	-109	8	2	1.19	0	44	55	1
24	5,762.62	42,480	-82	8	2	1.19	0	30	41	0
25	5,762.59	42,398	-82	8	2	1.19	0	30	41	0
26	5,762.55	42,289	-109	8	2	1.19	0	44	55	1
27	5,762.53	42,234	-55	8	2	1.19	0	17	28	1
28	5,762.49	42,125	-109	8	2	1.19	0	44	56	1
29	5,762.46	42,044	-81	8	2	1.19	0	30	42	1
30	5,762.44	41,989	-55	9	1	1.19	0	17	28	0
31	5,762.41	41,908	-81	9	1	1.19	0	30	41	0
Total cfs-days				247	63	37	0	694	1,041	211
Total ac-ft			-1,646	491	125	73	0	1,377	2,065	419

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli).

2/ Includes Plumas County and Grizzly Ranch.

Table 4. Lake Oroville

Daily Operation

Capacity: 3,537, 580 ac-ft (in acre-feet except as noted) **July 2015**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow								Inflow	
						Del Oro							
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Lime Saddle (Recreation)	Butte County (Entitlement)	Evaporation 3/	Spill	River Valve Outlet System Releases	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow
Jun 30	717.78	1,395,391											
1	716.69	1,386,466	-8,925	10,578	24	0	0	249	0	0	10,851	0	1,926
2	715.57	1,377,337	-9,129	10,877	24	0	0	227	0	0	11,128	0	1,999
3	714.57	1,369,221	-8,116	10,670	24	0	0	221	0	0	10,915	0	2,799
4	713.67	1,361,945	-7,276	8,870	24	0	0	220	0	0	9,114	0	1,838
5	712.80	1,354,936	-7,009	9,100	24	0	0	220	0	0	9,344	0	2,335
6	712.00	1,348,513	-6,423	9,828	24	0	0	121	0	0	9,973	0	3,550
7	710.90	1,339,716	-8,797	8,832	24	0	0	169	0	0	9,025	0	228
8	709.86	1,331,434	-8,282	9,110	24	0	0	160	0	0	9,294	0	1,012
9	708.83	1,323,266	-8,168	9,670	24	0	0	120	0	0	9,814	0	1,646
10	708.01	1,316,788	-6,478	9,090	24	0	0	86	0	0	9,200	0	2,722
11	707.07	1,309,389	-7,399	9,173	24	0	0	96	0	0	9,293	0	1,894
12	706.05	1,301,391	-7,998	10,064	24	0	0	95	0	0	10,183	0	2,185
13	704.98	1,293,037	-8,354	10,028	24	0	0	232	0	0	10,284	0	1,930
14	703.97	1,285,185	-7,852	10,099	24	0	0	161	0	0	10,284	0	2,432
15	702.95	1,277,288	-7,897	10,115	24	0	0	169	0	0	10,308	0	2,411
16	702.22	1,271,656	-5,632	7,289	24	0	0	197	0	0	7,510	0	1,878
17	701.10	1,263,048	-8,608	8,503	24	0	0	173	0	0	8,700	0	92
18	700.28	1,256,771	-6,277	8,048	24	0	0	140	0	0	8,212	0	1,935
19	699.43	1,250,290	-6,481	8,066	24	0	0	139	0	0	8,229	0	1,748
20	698.61	1,244,054	-6,236	8,380	24	0	0	292	0	0	8,696	0	2,460
21	697.77	1,237,689	-6,365	8,733	24	0	0	212	0	0	8,969	0	2,604
22	696.78	1,230,218	-7,471	9,052	24	0	0	183	0	0	9,259	0	1,788
23	695.97	1,224,129	-6,089	9,175	24	0	0	187	0	0	9,386	0	3,297
24	694.43	1,212,612	-11,517	10,269	23	0	0	149	0	0	10,441	0	-1,076
25	693.24	1,203,766	-8,846	9,808	23	0	0	136	0	0	9,967	0	1,121
26	692.14	1,195,630	-8,136	9,862	23	0	0	136	0	0	10,021	0	1,885
27	691.13	1,188,194	-7,436	9,972	23	0	0	250	0	0	10,245	0	2,809
28	690.18	1,181,230	-6,964	9,128	23	0	0	223	0	0	9,374	0	2,410
29	689.29	1,174,732	-6,498	9,151	23	0	0	249	0	0	9,423	0	2,925
30	688.39	1,168,187	-6,545	9,312	23	0	0	234	0	0	9,569	0	3,024
31	687.51	1,161,813	-6,374	8,741	23	0	21	172	0	0	8,957	0	2,583
Total			-233,578	289,593	730	0	21	5,618	0	0	295,962	0	62,384

1/ Includes bypass flows and leakage.

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal

Daily Operation

Capacity: 25,120 ac-ft (in acre-feet except as noted) **July 2015**

Date	Storage 1/	Storage Change	Inflow: Lake Oroville Releases 2/	Inflow: Kelly Ridge Generation	Inflow: Thermalito Pumping-Generating Plant Pumpback	Outflow: Thermalito Pumping-Generating Plant Generation 3/	Outflow: Butte County Cal Water	Outflow: Thermalito Water and Sewer	Outflow: Releases To River 4/	Outflow: Hyatt Powerplant Pumpback	Losses (-) And Gains (+)
Jun 30	25,589										
1	25,625	36	10,578	132	0	7,500	12	8	4,092	0	938
2	25,346	-279	10,877	62	0	8,099	12	8	4,191	0	1,092
3	25,609	263	10,670	0	0	7,376	12	8	4,149	0	1,138
4	24,877	-732	8,870	55	0	6,351	12	8	4,149	0	863
5	24,715	-162	9,100	60	0	6,149	11	8	4,128	0	974
6	25,317	602	9,828	77	0	6,149	11	8	4,149	0	1,014
7	24,845	-472	8,832	70	0	6,149	11	7	4,149	0	942
8	24,719	-126	9,110	76	0	6,149	11	7	4,147	0	1,002
9	24,839	120	9,670	77	0	6,505	11	7	4,147	0	1,043
10	24,282	-557	9,090	0	0	6,428	11	7	4,366	0	1,165
11	24,074	-208	9,173	42	0	6,149	11	7	4,542	0	1,286
12	24,380	306	10,064	0	0	6,288	11	7	4,564	0	1,112
13	24,361	-19	10,028	0	0	6,446	11	7	4,544	0	961
14	24,395	34	10,099	0	0	6,446	11	7	4,584	0	983
15	24,646	251	10,115	24	0	6,315	11	7	4,582	0	1,027
16	24,423	-223	7,289	56	0	3,822	11	7	4,582	0	854
17	24,039	-384	8,503	0	0	5,306	11	7	4,562	0	999
18	24,058	19	8,048	0	0	4,411	11	7	4,540	0	940
19	24,545	487	8,066	0	0	3,967	11	7	4,562	0	968
20	25,250	705	8,380	64	0	3,967	11	7	4,604	0	850
21	25,064	-186	8,733	42	0	5,186	11	7	4,624	0	867
22	24,533	-531	9,052	0	0	5,950	11	7	4,604	0	989
23	24,267	-266	9,175	40	0	5,950	11	7	4,582	0	1,069
24	25,190	923	10,269	44	0	6,446	11	7	4,247	0	1,321
25	25,171	-19	9,808	0	0	6,942	11	7	4,147	0	1,280
26	25,206	35	9,862	0	0	6,942	11	7	4,147	0	1,280
27	24,902	-304	9,972	46	0	7,603	11	7	4,128	0	1,427
28	24,043	-859	9,128	84	0	7,393	11	7	4,086	0	1,426
29	26,262	2,219	9,151	197	0	6,653	11	7	4,064	0	3,606
30	23,742	-2,520	9,312	83	0	6,446	11	7	4,064	0	-1,387
31	23,744	2	8,741	110	0	5,899	11	7	4,064	0	1,132
Total		-1,845	289,593	1,441	0	191,382	345	223	134,090	0	33,161

1/ Sum of Thermalito Forebay and Diversion Pool.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

3/ Includes Bypass flows at Thermalito.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

July 2015

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow	Outflow						Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Jun 30	134.45	48,510										
1	134.71	49,558	1,048	7,500	2,123	13	457	1,849	1,936	0	-74	6,028
2	135.13	51,273	1,715	8,099	2,083	20	411	1,813	1,984	0	-74	6,175
3	135.37	52,264	991	7,376	2,023	30	397	1,716	1,982	0	-238	6,131
4	135.44	52,555	291	6,351	2,023	32	395	1,712	1,984	0	85	6,133
5	135.42	52,472	-83	6,149	2,004	34	371	1,745	1,978	0	-100	6,106
6	135.41	52,430	-42	6,149	2,023	36	353	1,728	1,984	0	-67	6,133
7	135.32	52,057	-373	6,149	2,083	36	350	1,706	2,341	0	-7	6,490
8	135.19	51,520	-537	6,149	2,063	32	365	1,627	2,479	0	-120	6,626
9	135.15	51,355	-165	6,505	2,023	24	389	1,557	2,479	0	-198	6,626
10	135.15	51,355	0	6,428	2,043	19	383	1,539	2,301	0	-143	6,667
11	135.10	51,149	-206	6,149	2,004	18	373	1,500	2,083	0	-378	6,625
12	135.08	51,067	-82	6,288	2,004	14	391	1,468	2,063	0	-431	6,627
13	135.18	51,479	412	6,446	1,972	10	409	1,430	2,083	0	-130	6,627
14	135.34	52,140	661	6,446	1,922	12	401	1,353	2,083	0	-14	6,667
15	135.46	52,638	498	6,315	1,902	13	395	1,301	2,083	0	-122	6,665
16	134.99	50,698	-1,940	3,822	1,938	13	411	1,280	2,044	0	-76	6,626
17	135.03	50,862	164	5,306	1,956	13	399	1,303	1,396	0	-75	5,958
18	134.94	50,494	-368	4,411	1,958	13	395	1,339	1,081	0	7	5,621
19	134.71	49,558	-936	3,967	1,924	13	377	1,357	1,071	0	-161	5,633
20	134.45	48,510	-1,048	3,967	1,942	15	351	1,381	1,079	0	-248	5,683
21	134.50	48,711	201	5,186	2,004	16	349	1,407	1,436	0	227	6,060
22	134.62	49,194	483	5,950	2,023	16	351	1,424	1,581	0	-72	6,185
23	134.70	49,518	324	5,950	2,024	17	345	1,416	1,581	0	-242	6,163
24	134.77	49,802	284	6,446	1,984	18	383	1,416	2,142	0	-219	6,389
25	134.85	50,127	325	6,942	1,962	18	397	1,472	2,479	0	-290	6,626
26	134.90	50,331	204	6,942	1,974	18	397	1,486	2,479	0	-385	6,626
27	135.09	51,108	777	7,603	1,950	19	399	1,496	2,479	0	-484	6,607
28	135.21	51,602	494	7,393	1,940	20	407	1,502	2,479	0	-552	6,565
29	135.27	51,850	248	6,653	2,004	20	409	1,464	2,479	0	-30	6,543
30	135.14	51,314	-536	6,446	2,063	19	409	1,418	2,479	0	-594	6,543
31	135.13	51,273	-41	5,899	2,082	18	407	1,398	2,142	0	107	6,206
Total			2,763	191,382	62,020	611	12,020	46,600	62,270	0	-5,098	196,360

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

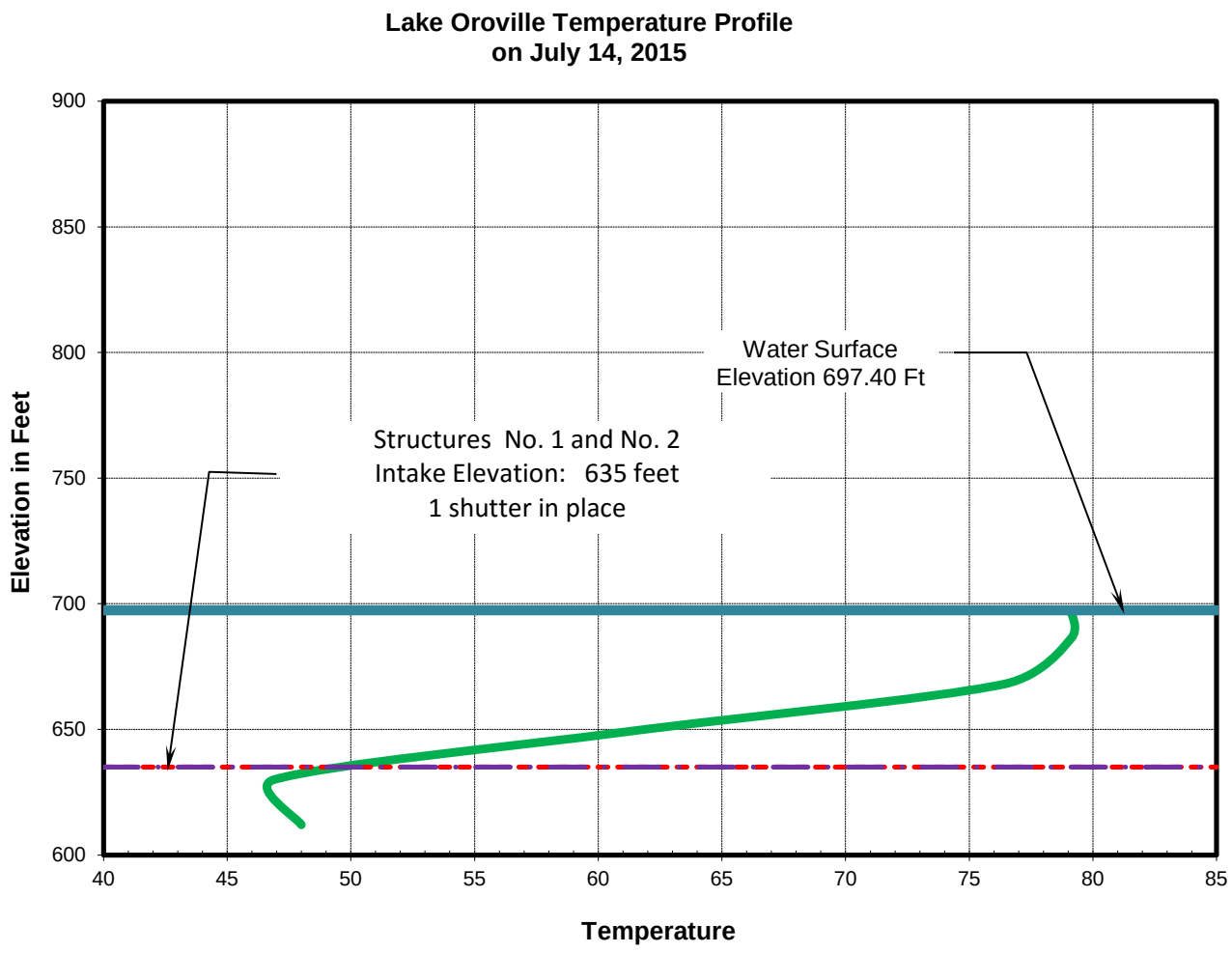
Table 7. Oroville-Thermalito Complex

Water Temperature Data

(in degrees Fahrenheit)

July 2015

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	67.2	59.0
2	66.9	59.3
3	66.4	59.8
4	66.0	60.3
5	65.3	59.7
6	65.7	60.3
7	66.9	61.2
8	66.9	61.1
9	67.0	61.6
10	67.7	62.5
11	68.1	63.5
12	68.2	59.1
13	68.8	58.1
14	69.0	58.6
15	68.9	59.3
16	69.0	59.8
17	68.4	59.9
18	67.9	57.6
19	68.3	55.6
20	68.7	56.5
21	68.8	59.3
22	67.9	58.0
23	68.5	58.8
24	69.9	60.0
25	70.2	59.0
26	69.4	58.5
27	70.9	59.2
28	73.4	59.5
29	71.8	60.0
30	69.3	60.5
31	67.8	60.9



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at midday and upstream from Oroville Dam.

Table 8. North Bay Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diversions	Deliveries Table A	Permit	Others	Article 56C	Settlement Water Balanced	Settlement Water Excess
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	3,313						
		Travis Surge Tank	8.78								
			8.80	Solano County Water Agency Travis AFB	93				93		
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	512				512		
				Solano County Water Agency Fairfield / Vacaville 42"	335	220			115		
2			17.00	Solano County Water Agency Central Solano	Stub						
3A		Cordelia Forebay	21.23		0						
		Cordelia Pumping Plant & Cordelia Spillway	21.30		2,425						
	2	Napa Pipeline	21.33	Solano County Water Agency Vallejo	196	13			183		
				Solano County Water Agency Benicia	1,062			1/ 350	712		
3B		Cordelia Surge Tank	23.33		0						
		Creston Surge Tank Connection	25.65		0						
			26.95	Napa County Flood Control & WCD American Canyon 2	1				1		
			27.27	Napa County Flood Control & WCD American Canyon 3	0						
		Napa Terminal Tank	27.58	City of Napa	875	833			42		
			27.60	Napa County Flood Control & WCD American Canyon 1	291			2/ 113	178		

1/ Article 56CXCH exchange of long term Table A carryover.

2/ Includes 37 AF 2015 water transfer, store, and convey, 41 AF dry year purchase, and 35 AF multiple pool deliveries.

Table 9. Delta Field Division Plant Data

(in acre-feet) **July 2015**

Date	North Bay Aqueduct		California Aqueduct				South Bay Aqueduct			
			Banks Pumping Plant		DMC/CA Intertie (DCI)			Del Valle Pumping Plant		
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Total	SWP	Pumped	Released	South Bay Pumping Plant	Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	80	52	373	373	0	0	461	0	0	0
2	91	58	560	560	0	0	550	0	0	0
3	88	56	560	560	0	0	539	0	0	0
4	81	49	560	560	0	0	553	0	0	0
5	76	49	560	560	0	0	462	0	0	0
6	92	57	560	560	0	0	476	0	0	0
7	114	84	831	831	0	0	627	0	0	0
8	116	82	866	866	0	0	461	0	0	0
9	112	82	560	560	0	0	580	0	0	0
10	107	72	560	560	0	0	574	0	0	0
11	114	80	560	560	0	0	461	0	0	0
12	110	74	560	560	0	0	456	0	0	0
13	100	79	560	560	0	0	472	0	0	0
14	83	80	560	560	0	0	591	0	0	0
15	78	76	560	560	0	0	403	0	0	0
16	86	83	560	560	0	0	525	0	0	0
17	86	84	560	560	0	0	664	0	0	0
18	105	82	560	560	0	0	465	0	0	0
19	112	79	373	373	0	0	461	0	0	0
20	111	78	653	653	0	0	460	0	0	45
21	111	76	467	467	0	0	339	0	0	172
22	102	67	0	0	0	0	168	0	0	204
23	100	68	273	273	0	0	154	0	0	182
24	98	65	628	628	0	0	586	0	0	14
25	112	80	728	728	0	0	672	0	0	0
26	96	61	560	560	0	0	491	0	0	0
27	110	77	560	560	0	0	272	0	0	0
28	127	92	560	560	0	0	514	0	0	0
29	151	114	560	560	0	0	535	0	0	0
30	185	147	560	560	0	0	460	0	0	0
31	179	142	560	560	0	0	460	0	0	0
Total	3,313	2,425	16,952	16,952	0	0	14,892	0	0	617

Table 10. Clifton Court Forebay

Daily Operation of Gates

July 2015

Date	Time										Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	08:50	12:27									782
2	00:45	01:45	09:15	11:30							775
3	00:01	02:30	10:00	11:30							776
4	00:01	03:15	10:45	12:05							775
5	00:45	04:15	13:10	15:00							776
6	01:15	04:35									775
7	02:00	04:30									487
8	03:30	05:45									478
9	05:45	07:45	16:15	18:11	19:19	20:05					474
10	04:31	08:25									495
11	05:31	09:04									495
12	06:15	08:20									496
13	07:15	09:50									474
14	08:00	09:30	22:01								495
15		01:15	08:45	10:55							495
16	00:01	02:00	09:25	11:48							474
17	00:01	02:45									486
18	00:01	03:30									491
19	00:30	03:15	11:15	14:30							490
20	01:25	05:00									480
21	01:02	03:15									489
22											0
23											0
24	16:30	22:10									679
25	04:15	06:00	08:45	11:45							685
26	05:00	07:00	19:00	19:36							680
27	07:15	10:30									668
28	06:45	08:25	21:07	23:26							677
29	07:45	08:59	21:30	23:08							681
30	08:15	10:50									682
31	00:01	01:30									678
										Total inflow for the month in AF:	17,388

Table 11. Governor Edmund G. Brown California Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries: Table A	USBR	Local (non-SWP)	Other	Dry Year Purchase
1A			1.83	Byron-Bethany I.D.	343			343		
1	1	Banks Pumping Plant	3.32		16,952					
2A	1	South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aqueduct)	14,892					
		Check No. 1	5.95							
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	0					
	2	Delta Mendota Canal - California Aqueduct Intertie (DCI)	9.1	Inflow to California Aqueduct from Delta Mendota Canal	0					
				Outflow to Delta Mendota Canal from California Aqueduct	0					
	2	Check No. 2	12.01							
	3		12.47	Musco Olive	41		41			
		Check No. 3	18.29							
	4		22.16	Tracy Golf & Country Club	0					
		Check No. 4	23.99							
	5	Check No. 5	29.73							
	6	Check No. 6	34.24							
	7		35.22	Turlock Fruit Company Inflow	0					
		Check No. 7	39.91							
	8		42.46	Oak Flat Water District-A	42	30			1/ 12	
			42.9	Western Hills WD	108				2/ 108	
			43.81	Oak Flat Water District-B	11	5				6
			44.64	Oak Flat Water District-C	40	34			3/ 6	
		Check No. 8	45.97							
	9		46.18	Oak Flat Water District-D	115	115				
				Oak Flat Totals:	208	184	0	0	18	6
2B		Check No. 9	51.3							
	10	Check No. 10	56.86							
	11	Check No. 11	61.4							
	12		66.14	Veteran's Cemetery	40		40			
		Check No. 12	66.71		1,157					

1/ Transfer.
2/ Article 56C.
3/ CVP supplied.

Table 12. South Bay Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries: Pump-in Recovery	Article 56C	Local	Rec.	Other
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	14,892					
			3.17	Granite - Vasco Rd. (Temp.)	0					
			3.18	Oakland Scavenger Zone 7	19		19			
		Check No. 1	3.91							
	2	Check No. 2	5.21							
			7.15	Zone 7 Altamont	30		15			1/ 15
2		Check No. 3	9.49	Zone 7 Patterson Storage Exchange	200			200		
				Zone 7 Patterson Project Water	517	342				1/ 175
4	4	Check No. 4	10.68							
	5	Check No. 5	12.29							
	6		13.55	Zone 7 Wente #1	209	209				
			14.16	Zone 7 Wente #2	154	77	77			
			14.31	Ising Project Water	39					1/ 39
		Check No. 6	14.65							
	7		14.78	Zone 7 Arroyo Mocho Project Water	0					
		Check No. 7	16.38							
	8		16.57	Zone 7 Wente #3	0					
			16.63	Zone 7 Wente #4	124					1/ 124
			16.69	Zone 7 Norman Nursery	5	5				
			16.70	Zone 7 Concannon Project Water	46	46				
5		Del Valle Branch Pipeline Junction	18.63	Pumped into Lake Del Valle	0					
				Pumped into South Bay Aqueduct	0					
				Gravity into South Bay Aqueduct	617					
		Deliveries through Del Valle Branch Pipeline		Arroyo Valle #1 & #2 Storage Exchange:	166			166		
				Project Water	646	581	65			
				Storage Released	0					
				Inflow Release	19			19		
				East Bay Regional Park Dist. Del Valle Recreation	13				13	
				Zone 7 Wente #5	89	89				
6			19.20	So. Livermore Project	68	68				
				So. Livermore Inflow Released	0					
				So. Livermore Stored Exchanged	1,800			1,800		
			19.21	Zone 7 - Kalthrof Detjens	153	61	92			
7		La Costa Tunnel	22.50	ACWD Storage Exchange	0					
				Vallecitos Project Water	1,154	1,154				
			25.97	City of San Francisco San Antonio	0					
8		Mission Tunnel	28.97	ACWD - Bayside 1 & 2 Project Water	1,236	713				1/ 523
				Storage Released	0					
				Storage Exchange:	769			769		
9		Santa Clara Pipeline	35.86	S.C.V.W.D. Meter	8,066	3,942				2/ 4,124

1/ Semitropic water bank recovery.

2/ Includes 2,500 AF Table A exchange, 1,510 AF transfer, and 114 AF dry year purchase.

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,111 ac-ft (in acre-feet except as noted) **July 2015**

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Jun 30	701.46	38,834									
1	701.45	38,827	-7	15	0	0	0	1	21	22	0.00
2	701.42	38,806	-21	-1	0	0	0	1	19	20	0.00
3	701.40	38,793	-14	2	0	0	0	1	15	16	0.00
4	701.38	38,779	-14	2	0	0	0	1	15	16	0.00
5	701.35	38,758	-21	-5	0	0	0	1	15	16	0.00
6	701.32	38,737	-21	-5	0	0	0	1	15	16	0.00
7	701.30	38,723	-14	-1	0	0	0	1	12	13	0.00
8	701.26	38,695	-28	-14	0	0	0	1	13	14	0.00
9	701.23	38,675	-21	-7	0	0	0	1	13	14	0.00
10	701.22	38,668	-7	3	0	0	0	1	9	10	0.00
11	701.21	38,661	-7	2	0	0	0	1	8	9	0.00
12	701.18	38,640	-21	-6	0	0	0	1	14	15	0.00
13	701.16	38,626	-14	1	0	0	0	1	14	15	0.00
14	701.13	38,605	-21	-8	0	0	0	0	13	13	0.00
15	701.11	38,591	-14	-1	0	0	0	0	13	13	0.00
16	701.09	38,578	-14	-1	0	0	0	0	13	13	0.00
17	701.06	38,557	-21	-6	0	0	0	0	15	15	0.00
18	701.04	38,543	-14	-1	0	0	0	0	13	13	0.00
19	701.02	38,529	-14	2	0	0	0	0	16	16	0.00
20	701.01	38,522	-7	52	0	0	45	0	14	59	0.00
21	700.82	38,391	-131	57	0	0	172	0	16	188	0.00
22	700.54	38,198	-193	26	0	0	204	0	15	219	0.00
23	700.25	37,999	-199	-3	0	0	182	0	14	196	0.00
24	700.07	37,875	-123	-99	0	0	14	0	10	24	0.00
25	700.04	37,855	-21	-7	0	0	0	0	14	14	0.00
26	700.02	37,841	-14	-1	0	0	0	0	13	13	0.00
27	700.01	37,834	-7	8	0	0	0	0	15	15	0.00
28	699.99	37,820	-14	5	0	0	0	0	19	19	0.00
29	699.96	37,800	-21	0	0	0	0	0	21	21	0.00
30	699.94	37,786	-14	6	0	0	0	0	20	20	0.00
31	699.92	37,773	-14	1	0	0	0	0	15	15	0.00
Total			-1,066	14	0	0	617	13	450	1,080	0.00

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

July 2015

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generation)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliv-eries 2/	
Jun 30	221.93	48,203										
1	222.09	48,624	421	0	0	6,013	30	2,250	0	3,403	14	-164
2	222.19	48,889	265	0	0	6,055	41	2,168	0	3,708	14	-72
3	222.58	49,926	1,037	0	0	6,164	35	1,962	0	3,550	3	-161
4	222.38	49,394	-532	0	0	6,340	0	1,779	0	4,562	3	-264
5	222.60	49,980	586	0	0	5,886	0	1,557	0	4,036	3	5
6	222.57	49,900	-80	0	0	4,210	0	1,607	0	2,442	3	-198
7	223.38	52,062	2,162	0	0	6,802	0	1,746	0	3,727	3	-236
8	221.97	48,308	-3,754	0	0	3,025	18	1,830	0	3,075	3	-28
9	221.87	48,045	-263	0	0	4,978	0	1,862	0	3,374	3	128
10	221.53	47,152	-893	0	0	5,636	0	2,031	0	3,892	3	-160
11	221.38	46,758	-394	0	0	6,046	0	2,008	0	4,280	3	46
12	221.94	48,229	1,471	0	0	6,036	0	1,705	0	3,385	3	-201
13	223.20	51,580	3,351	0	0	6,100	0	1,630	0	2,348	3	-430
14	223.27	51,768	188	0	0	4,244	129	1,723	0	2,769	3	217
15	223.42	52,169	401	0	0	4,973	0	1,840	0	3,135	3	207
16	222.75	50,379	-1,790	0	0	3,807	0	1,877	0	3,137	3	308
17	223.20	51,580	1,201	0	0	5,854	0	1,843	0	3,582	3	179
18	223.12	51,367	-213	0	0	5,492	0	1,749	0	3,752	3	-95
19	223.19	51,554	187	0	0	4,592	0	1,723	0	3,148	2	375
20	223.22	51,634	80	0	0	3,618	0	1,322	0	2,158	2	-96
21	224.19	54,239	2,605	0	0	4,808	0	1,168	0	2,624	2	299
22	223.02	51,100	-3,139	0	0	1,950	0	1,212	0	2,628	2	309
23	222.07	48,571	-2,529	0	0	2,930	0	1,402	0	2,891	14	102
24	222.83	50,593	2,022	0	0	4,854	0	1,153	0	2,595	14	-73
25	222.68	50,193	-400	0	0	3,888	0	962	0	3,055	14	-59
26	221.84	47,966	-2,227	0	0	2,820	38	935	0	2,810	14	-222
27	222.37	49,368	1,402	0	0	3,526	21	806	0	1,773	14	-247
28	223.31	51,875	2,507	0	0	4,383	86	855	0	2,554	14	218
29	222.64	50,086	-1,789	0	0	2,622	102	924	0	2,772	14	84
30	222.97	50,966	880	0	0	3,546	42	1,049	0	2,129	14	48
31	222.45	49,580	-1,386	0	0	3,220	41	1,055	0	2,660	14	-231
Total			1,377	0	0	144,418	583	47,733	0	95,954	210	-412
Mean cfs				0	0	4,659	19	1,540	0	3,095	7	-13
Acre-feet			1,377	0	0	286,454	1,157	94,679	0	190,325	417	-813

1/ Pump-in located at Mile 79.67R.

2/ Includes 120 AF delivered to DFG at O'Neill Forebay, 0 AF to Parks & Rec., 0 AF for the Cattle Program, and 297 AF to San Luis Water District.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

July 2015

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Capacity: 2,027,835 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)	Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.	
Jun 30	433.47	813,104						
1	432.19	801,186	-11,918	0	6,013	125	0	129
2	430.90	789,235	-11,951	0	6,055	111	0	141
3	429.36	775,049	-14,186	0	6,164	106	0	-882
4	427.97	762,321	-12,728	0	6,340	98	0	21
5	426.70	750,754	-11,567	0	5,886	90	0	144
6	425.76	742,239	-8,515	0	4,210	108	0	25
7	424.30	729,051	-13,188	0	6,802	119	0	272
8	423.60	722,760	-6,291	0	3,025	105	0	-42
9	422.48	712,736	-10,024	0	4,978	100	0	24
10	421.27	701,965	-10,771	0	5,636	102	0	308
11	419.91	689,933	-12,032	0	6,046	109	0	89
12	418.55	677,979	-11,954	0	6,036	103	0	112
13	417.19	666,103	-11,876	0	6,100	106	0	219
14	416.21	657,594	-8,509	0	4,244	109	0	63
15	415.05	647,576	-10,018	0	4,973	108	0	30
16	414.15	639,842	-7,734	0	3,807	123	0	31
17	412.79	628,223	-11,619	0	5,854	116	0	112
18	411.51	617,359	-10,864	0	5,492	114	0	129
19	410.46	608,501	-8,858	0	4,592	107	0	233
20	409.59	601,198	-7,303	0	3,618	74	0	10
21	408.46	591,761	-9,437	0	4,808	120	0	170
22	407.94	587,438	-4,323	0	1,950	115	0	-114
23	407.21	581,388	-6,050	0	2,930	127	0	7
24	406.05	571,823	-9,565	0	4,854	137	0	169
25	405.09	563,952	-7,871	0	3,888	131	0	51
26	404.38	558,157	-5,795	0	2,820	119	0	17
27	403.50	551,006	-7,151	0	3,526	132	0	53
28	402.41	542,195	-8,811	0	4,383	137	0	78
29	401.73	536,726	-5,469	0	2,622	121	0	-14
30	400.84	529,599	-7,127	0	3,546	119	0	72
31	399.99	522,825	-6,774	0	3,220	157	0	-38
Total			-290,279	0	144,418	3,548	0	1,619
Mean cfs				0	4,659	114	0	52
Acre-feet			-290,279	0	286,454	7,039	0	3,214

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 6,400 AF, Casa De Fruta 0 AF, and San Benito 639 AF.

Table 16. San Luis Field Division Plant Data

(in acre-feet) **July 2015**

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant				San Felipe Project
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	6,750	4,147	11,927	3,254	0	0	248
2	7,355	4,706	12,011	4,556	0	0	220
3	7,041	4,378	12,226	4,711	0	0	211
4	9,049	6,405	12,575	5,785	0	0	195
5	8,005	5,364	11,675	4,822	0	0	179
6	4,844	2,284	8,351	4,905	0	0	214
7	7,393	4,737	13,492	5,827	0	0	236
8	6,099	3,484	6,000	3,665	0	0	208
9	6,692	4,070	9,874	4,014	0	0	198
10	7,720	5,050	11,179	4,063	0	0	202
11	8,489	5,809	11,992	4,313	0	0	216
12	6,714	4,194	11,972	5,118	0	0	204
13	4,657	2,048	12,099	5,133	0	0	210
14	5,492	2,819	8,418	2,838	0	0	216
15	6,218	3,517	9,864	4,268	0	0	214
16	6,222	3,547	7,551	1,904	0	0	244
17	7,105	4,488	11,611	6,662	0	0	230
18	7,442	4,776	10,893	5,879	0	0	226
19	6,244	4,460	9,108	9,109	0	0	212
20	4,280	2,574	7,176	7,177	0	0	147
21	5,205	3,486	9,537	9,536	0	0	238
22	5,213	3,494	3,868	31	0	0	228
23	5,734	3,960	5,812	5,812	0	0	252
24	5,147	3,405	9,628	3,833	0	0	272
25	6,060	4,331	7,712	1,864	0	0	260
26	5,574	3,774	5,593	2,575	0	0	236
27	3,517	1,749	6,994	2,671	0	0	262
28	5,066	3,252	8,694	4,322	0	0	272
29	5,498	3,757	5,201	3,383	0	0	240
30	4,223	2,783	7,033	4,396	0	0	236
31	5,276	3,884	6,387	3,731	0	0	311
Total	190,325	120,732	286,454	140,157	0	0	7,039

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations

July 2015

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

Capacity 34,560 ac-ft

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jun 30	309.41	12,847					
1	309.38	12,836	-11	0	0	0	-11
2	309.35	12,824	-12	0	0	0	-12
3	309.33	12,817	-7	0	0	0	-7
4	309.30	12,806	-11	0	0	0	-11
5	309.25	12,787	-19	0	0	0	-19
6	309.23	12,779	-8	0	0	0	-8
7	309.18	12,761	-18	0	0	0	-18
8	309.15	12,749	-12	0	0	0	-12
9	309.15	12,749	0	0	0	0	0
10	309.09	12,727	-22	0	0	0	-22
11	309.06	12,716	-11	0	0	0	-11
12	309.05	12,712	-4	0	0	0	-4
13	309.02	12,701	-11	0	0	0	-11
14	308.98	12,686	-15	0	0	0	-15
15	308.97	12,682	-4	0	0	0	-4
16	308.92	12,664	-18	0	0	0	-18
17	308.92	12,664	0	0	0	0	0
18	308.89	12,652	-12	0	0	0	-12
19	308.87	12,645	-7	0	0	0	-7
20	308.86	12,641	-4	0	0	0	-4
21	308.83	12,630	-11	0	0	0	-11
22	308.80	12,619	-11	0	0	0	-11
23	308.73	12,593	-26	0	0	0	-26
24	308.73	12,593	0	0	0	0	0
25	308.71	12,585	-8	0	0	0	-8
26	308.67	12,571	-14	0	0	0	-14
27	308.64	12,560	-11	0	0	0	-11
28	308.61	12,548	-12	0	0	0	-12
29	308.60	12,545	-3	0	0	0	-3
30	308.57	12,534	-11	0	0	0	-11
31	308.55	12,526	-8	0	0	0	-8
Total			-321	0	0	0	-321
Mean cfs				0	0	0	
Acre-feet			-321	0	0	0	-321

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

July 2015

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

Capacity: 5,580 ac-ft

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jun 30	598.00	588					
1	Not Observed	588	0	0	0	0	0
2	598.00	588	0	0	0	0	0
3	Not Observed	588	0	0	0	0	0
4	Not Observed	588	0	0	0	0	0
5	Not Observed	588	0	0	0	0	0
6	Not Observed	588	0	0	0	0	0
7	Not Observed	588	0	0	0	0	0
8	Not Observed	588	0	0	0	0	0
9	Not Observed	588	0	0	0	0	0
10	598.00	588	0	0	0	0	0
11	Not Observed	588	0	0	0	0	0
12	Not Observed	588	0	0	0	0	0
13	Not Observed	588	0	0	0	0	0
14	Not Observed	588	0	0	0	0	0
15	Not Observed	588	0	0	0	0	0
16	Not Observed	588	0	0	0	0	0
17	Not Observed	588	0	0	0	0	0
18	Not Observed	588	0	0	0	0	0
19	Not Observed	588	0	0	0	0	0
20	Not Observed	588	0	0	0	0	0
21	Not Observed	588	0	0	0	0	0
22	Not Observed	588	0	0	0	0	0
23	Not Observed	588	0	0	0	0	0
24	Not Observed	588	0	0	0	0	0
25	Not Observed	588	0	0	0	0	0
26	Not Observed	588	0	0	0	0	0
27	Not Observed	588	0	0	0	0	0
28	Not Observed	588	0	0	0	0	0
29	Not Observed	588	0	0	0	0	0
30	Not Observed	588	0	0	0	0	0
31	598.00	588	0	0	0	0	0
Total			0	0	0	0	0
Mean cfs				0	0	0	
Acre-feet			0	0	0	0	0

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Operating Pool Beginning and Ending Structure	Operating Pool Beginning and Ending Mile	Turnout	Total Diver-sions	Deliveries USBR	Deliveries Transfer	Deliveries DWR Recreation	Deliveries USBR Recreation
2B	12	Check No. 12	66.71		1,157				
3A		San Luis Reservoir		Department of Parks and Recreation					
				San Felipe Division Santa Clara Water District	6,400	3,179	1/ 3,221		
				Casa de Fruita Santa Clara Water District	0				
				San Felipe Division San Benito Water District	639	639			
				Reach 3A Subtotal:	7,039	3,818	3,221	0	0
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation					
				Cattle Program	0				
				Department of Fish & Game	120			66	54
			70.91 Thru 85.08	San Luis Water District	297	297			
				(Floodwater Inflow)					
				Reach 3 Subtotal:	417	297	0	66	54
		Dos Amigos Pumping Plant	86.73		190,325				
4	14		89.03 Thru 94.06	San Luis Water District	8,021	8,021			
			89.66 Thru 89.67	Pacheco Water District	197	197			
			89.68	Panoche Water District	38	38			
			89.70	City of Dos Palos	93	93			
		Check No. 14	95.06						
	15		98.15 Thru 104.20	San Luis Water District	832	832			
			96.15 Thru 102.64	Panoche Water District	2,639	2,639			
				(Floodwater Inflow)					
			102.64	Broadview Water District	0				
			105.22 Thru 108.64	Westlands Water District	4,666		2/ 4,666		
		Check No.15	108.50						
				Reach 4 Subtotal:	16,486	11,820	4,666	0	0
				San Felipe Division Total:	7,039	3,818	3,221	0	0
				Pacheco Water District Total:	197	197	0	0	0
				Broadview Water District Total:	0	0	0	0	0
				City of Dos Palos Total:	93	93	0	0	0
				SLWD Reach 4 Subtotal:	8,853	8,853	0	0	0
				Panoche Water District Total:	2,677	2,677	0	0	0
				SLWD Total:	9,150	9,150	0	0	0
				Westlands WD Reach 4 Subtotal:	4,666	0	4,666	0	0

1/ Includes 1,221 AF recovey of previously banked CVP water from Semitropic WSD and 2,000 AF previously recovered banked SWP water from Semitropic stored in San Luis Reservoir.

2/ Tulare Lake Basin WSD transfer of Table A water to Non-SWPC in Westlands WD.

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Operating Pool Beginning and Ending Structure	Operating Pool Beginning and Ending Mile	Turnout	Total Diver-sions	Deliveries USBR	Deliveries Transfer	Deliveries DWR Recreation	Deliveries USBR Recreation
5	16		110.52 Thru 122.05	(Reverse flow, Kings River)	0				
				Westlands Water District	6,858	6,858			
				Dept. of Fish and Game @ Lat. 4L	1				1
				Dept. of Fish and Game @ Lat. 6L	0				
				Dept. of Fish and Game @ Lat. 7L	0				
		Check No. 16	122.07						
	17		124.18 Thru 132.74	Westlands Water District	2,932	2,932			
		Check No. 17	132.95						
	18		133.81 Thru 142.61	Westlands Water District	4,674	3,527	3/ 1,147		
		Pleasant Valley Pumping Plant	143.16	Westlands Water District	6,033		4/ 6,033		
			143.16	City of Coalinga	492	492			
		Check No. 18	143.23						
				Reach 5 Subtotal:	20,990	13,809	7,180	0	1
6	19		145.26 Thru 151.19	GWF Energy	5		5		
				City of Huron	6	6			
				1/ County of Kings to Lemoore NAS Through WWD	0				
				County of Kings through WWD 30L	0				
				Westlands Water District	3,948	3,948			
		Check No. 19	155.64						
				Reach 6 Subtotal:	3,959	3,954	5	0	0
7	20		156.34	City of Huron	75	75			
			156.40	SWP Construction @ Lat. 24R	0				
			163.69	Westlands Water District	1,787	937	5/ 850		
		Check No. 20	164.69						
	21		164.79	City of Avenal	185	185			
			167.04 Thru 171.67	Westlands Water District	545	545			
		Check No. 21	172.40		146,025				
				Reach 7 Total:	2,592	1,742	850	0	0
				2/ SWP Const. / GWF Energy	5	0	5	0	0
				6/ Westlands WD Total:	31,443	18,747	12,696	0	0
				City of Coalinga Total:	492	492	0	0	0
				City of Huron Total:	81	81	0	0	0
				1/ County of Kings to Lemoore NAS Through WWD	0	0	0	0	0
				City of Avenal Total:	185	185	0	0	0
				Total San Luis Field Division Deliveries:	51,483	35,440	15,922	66	55

1/ SWP water, from County of Kings to Westlands Water District.

2/ Includes GWF Energy water and DWR construction water 22R.

3/ This value is part of the Tulare Lake Basin WSD transfer of Table A to Non-SWP in Westlands WD.

4/ Includes 1,346 AF of Kern County WA transfer of Table A water to Non-SWPC in Westlands WD and 4,687 AF of Tulare Lake Basin transfer of Table A water to Non-SWPC in Westlands WD.

5/ From Dudley Ridge WD to Westlands WD as transfer of Table A water to Non-SWPC.

6/ Include 16,705 AF of exchanged Table A water to a Non-SWPC, from the Bureau of Reclamation to Kern County WA.

Table 20. Consolidated State-Federal San Luis Canal 1/

Daily Operations

July 2015

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non-Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Jun 30	28,618								
1	28,263	-355	0	3,403	162	38	781	2,611	10
2	28,175	-88	0	3,708	162	38	598	2,844	-110
3	27,355	-820	0	3,550	162	38	598	2,724	-442
4	28,131	776	0	4,562	162	38	598	3,500	127
5	29,290	1,159	0	4,036	162	38	598	3,097	443
6	27,930	-1,360	0	2,442	162	38	598	1,873	-457
7	28,398	468	101	3,727	162	38	598	2,860	66
8	27,742	-656	101	3,075	162	38	598	2,359	-350
9	28,125	383	101	3,374	162	38	631	2,588	137
10	28,612	487	101	3,892	154	48	631	2,986	72
11	28,868	256	101	4,280	154	48	631	3,284	-135
12	28,932	64	101	3,385	154	48	631	2,597	-23
13	28,736	-196	101	2,348	154	48	631	1,801	87
14	28,562	-174	101	2,769	154	48	631	2,125	1
15	28,394	-168	101	3,135	154	48	631	2,405	-82
16	27,981	-413	101	3,137	154	48	481	2,407	-356
17	28,303	322	101	3,582	154	48	481	2,748	-90
18	28,306	3	101	3,752	154	48	481	2,879	-289
19	28,686	380	101	3,148	139	47	481	2,415	25
20	28,928	242	101	2,158	139	47	481	1,656	186
21	29,084	156	101	2,624	139	47	481	2,014	35
22	28,601	-483	101	2,628	139	47	481	2,017	-288
23	28,557	-44	101	2,891	139	47	371	2,218	-239
24	28,442	-115	101	2,595	139	47	371	1,991	-206
25	28,345	-97	101	3,055	139	47	371	2,344	-304
26	28,988	643	101	2,810	139	47	371	2,156	126
27	28,647	-341	102	1,773	131	40	371	1,361	-144
28	28,510	-137	102	2,554	132	40	371	1,960	-222
29	28,621	111	102	2,772	131	40	371	2,127	-149
30	28,007	-614	102	2,129	131	40	472	1,633	-265
31	28,701	694	102	2,660	129	40	416	2,040	213
Total		84	2,528	95,954	4,610	1,350	16,237	73,620	-2,623
Mean cfs			82	3,095	149	44	524	2,375	-85
Acre-feet		83	5,014	190,325	9,143	2,677	32,207	146,025	-5,204

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 197 AF to Pacheco W.D., 93 AF to the City of Dos Palos and 8,853 AF to San Luis Water District.

3/ Includes 75 AF to the City of Huron, 185 AF to the City of Avenal, 492 AF to the City of Coalinga, 6 AF to City of Huron P&R @ 22R, 0 AF to Lemoore N.A.S. @ 29L, 5 AF to GWF @ 30L, 0 AF to Kings County @ 30L, 0 AF to Broadview WD @ 4L, 1 AF to DFG @ 4L, 0 AF to Pilibos Wildlife @ 4L, 0 AF to Mendota Water Fowl Habitat Area @ 6L, 0 AF DFG @ 7L, 0 AF Non-Project Water, 31,443 AF to Westlands Water District.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet) **July 2015**

Date	Coastal Aqueduct					California Aqueduct			
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant
1	599	565	37	33	37	2,868	2,505	2,383	2,145
2	678	660	76	70	78	3,001	2,614	2,414	2,354
3	706	693	64	59	65	3,150	2,563	2,442	2,338
4	687	659	48	41	48	4,276	3,995	2,846	3,774
5	712	671	61	56	63	3,815	3,856	3,773	3,739
6	668	643	52	47	54	2,920	2,798	2,626	2,514
7	677	647	54	47	55	2,988	2,673	2,515	2,459
8	683	676	54	50	56	3,046	2,496	2,322	2,155
9	614	589	56	49	56	2,324	2,045	1,964	1,758
10	507	479	61	55	63	3,506	3,240	3,113	2,960
11	562	533	49	44	49	4,847	4,449	4,386	4,180
12	559	536	80	74	81	4,328	3,882	4,281	4,148
13	602	600	66	59	66	1,818	1,828	1,747	1,630
14	544	504	42	37	41	2,581	2,238	2,131	1,979
15	577	546	34	31	35	2,538	2,189	2,132	1,906
16	563	531	35	31	37	2,933	2,321	2,206	2,005
17	634	603	29	27	32	2,760	2,497	2,429	2,320
18	557	532	39	36	39	4,061	4,086	4,045	3,898
19	370	352	28	25	27	3,285	3,178	3,164	2,974
20	512	473	39	35	39	1,705	1,680	1,667	1,609
21	694	650	46	41	48	1,824	1,660	1,657	1,573
22	688	660	33	30	33	2,045	1,852	1,823	1,748
23	714	676	45	40	45	2,185	1,944	1,890	1,795
24	647	623	44	44	48	2,263	1,838	1,786	1,661
25	529	494	37	38	43	3,213	2,876	2,891	2,741
26	577	568	51	46	52	2,643	2,790	2,786	2,668
27	674	628	48	45	50	1,615	1,677	1,636	1,557
28	637	615	48	43	50	1,925	1,690	1,643	1,556
29	697	657	39	35	41	2,087	1,778	1,693	1,480
30	688	660	53	48	53	1,920	1,775	1,717	1,562
31	496	486	49	46	51	2,023	1,763	1,678	1,562
Total	19,052	18,209	1,497	1,362	1,535	86,493	78,776	75,786	72,748

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending			Turnout	Total Diver-sions	Deliveries				
	No.	Structure	Mile			Table A	USBR	Pump-in Recovery	Article 56C	Other
7	21	Check No. 21	172.40		146,025					
8C	22		172.66	Empire West Side ID TL - A	73	73				
				County of Kings TL - A	115	101				1/ 14
				Tulare Lake Basin WSD TL-A	339				58	1/ 281
8D			175.18	Dudley Ridge WD - 1	295	295				
			177.54	Dudley Ridge WD - 1B	100	100				
			180.64	Tulare Lake Basin WSD - C	0					
			180.65	Dudley Ridge WD - 1A	179	179				
			182.99	Dudley Ridge WD - 2	1,647	1,647				
			183.00	Tulare Lake Basin WSD TL - B	0					
				County of Kings TL-B	0					
			184.00	Dudley Ridge WD - Paramount	0					
31A			184.63	Coastal Branch	19,052					
8D			184.78	Dudley Ridge WD - 3	2,230	844				2/ 1,386
				Dudley Ridge Reach 8D Total:	4,451	3,065	0	0	0	1,386
				Tulare Lake Basin WSD Total:	339	0	0	0	58	281
		Check No. 22	184.82							
9	23		189.69	Kern County Water Agency Lost Hills Water Dist. - 1	10,459	9,209				3/ 1,250
			191.18	Kern County Water Agency Lost Hills Water Dist. - 2	1,926	1,926				
			194.22	Kern County Water Agency Lost Hills Water Dist. - 3	497	497				
			196.40	Kern County Water Agency Berrenda Mesa - 2	548	548				
			196.75	Kern County Water Agency Lost Hills Water Dist. - 4	1,820	1,820				
				K.C.W.A. Reach 9 Subtotal:	15,250	14,000	0	0	0	1,250
		Check No. 23	197.05							
10A	24		201.24	Kern County Water Agency Lost Hills Water Dist. - 7	1,200	1,200				
			202.05	Kern County Water Agency Lost Hills Water Dist. - 5	1,509	1,509				
			205.26	Kern County Water Agency Lost Hills Water Dist. - 8	5	5				
			206.99	Kern County Water Agency Semitropic WSD - 3	1,641	1,641				
		Check No. 24	207.94							
	25		209.71	Kern County Water Agency Belridge Water Storage Dist. - 1A	3,451	3,451				
			209.78	Kern National Wildlife Refuge USBR BV-1B	0					
				Kern County Water Agency Buena Vista WSD 1B	0					
			209.80	KCWA Semitropic WSD	2,634	2,634				
				KCWA Semitropic WSD Penstocks	0					
				USBR Total:	0		0			
				K.C.W.A. Reach 10A Subtotal:	10,440	10,440	0	0	0	0

1/ Dry year purchase.

2/ Includes 66 AF water transfer, store, and convey, 52 AF dry year purchase, 87 AF Table A transfer,1,163 AF transfer of Non-SWPC to SWPC, and 18 AF of multi pool deliveries.

3/ Transfer of Table A water.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries Table A	USBR	Pump-in Recovery	Article 56C	Other
11B	25		210.75	Kern County Water Agency Belridge - 2	0					
			214.11	Kern County Water Agency Belridge - 3	1,904	1,904				
			216.62	Kern County Water Agency Belridge - 4	0					
			217.13	Kern County Water Agency Belridge - 5A-C	17,791	15,751				2/ 2,040
				Kern County Water Agency Belridge - 5D	136	136				
		Check No. 25	217.79							
				K.C.W.A. Reach 11B Subtotal:	19,831	17,791	0	0	0	2,040
12D	26		219.58	Kern County Water Agency Belridge - 6	0					
				Kern County Water Agency West Kern - 3	552	552				
		Check No. 26	224.92							
12E	27		230.37	Kern County Water Agency Buena Vista - 6	0					
		Check No. 27	231.73							
	28		235.75	Kern County Water Agency Buena Vista - 2	0					
			238.04	Kern County WA CVC	0					
				DRWD CVC	0					
				Tulare Co.	0					
				Lower Tule River	0					
				Fresno Co.	0					
				Pixley ID	0					
				Hacienda DWR Wells	0					
		Check No. 28	238.11							
				1/ Arvin Edison Total:	0	0	0	0	0	0
				Reach 12E Subtotal:	0	0	0	0	0	0
13B	29		238.19	Kern Water Bank Inflow	0					
				Kern Water Bank Outflow	0					
			241.02	Kern River Intertie (inflow)	0					
			242.85	KCWA Buena Vista WSD - 7	0					
				KCWA Buena Vista WSD - 5	0					
			243.09	Kern County Water Agency Buena Vista - 3	0					
		Check No. 29	244.54							
	30		249.85	Kern County Water Agency Buena Vista - 4	0					
		Buena Vista Pumping Plant	250.99		86,493					
				K.C.W.A. Reach 13B Subtotal:	0	0	0	0	0	0
14A	31		254.47	Kern County Water Agency West Kern - 2	0					
			256.11	Kern County Water Agency Wheeler Ridge-Maricopa - 2	273	273				

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID and Pixley ID.

2/ Includes 1,123 AF of dry year purchase and 917 AF of water transfer, store, and convey.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries Table A	USBR	Pump-in Recovery	Article 56C	Other
14A	31	Check No. 31	256.14							
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3	0	783				
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4	0	2,568				
		Check No. 32	261.72							
				KCWA Reach 14A Subtotal:	3,624	3,624	0	0	0	0
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	4,464	3,730		734		
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	581	581				
		Check No. 33	267.36							
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	2,341	2,341				
		Check No. 34	271.27							
				Reach 14B Total:	7,386	6,652	0	734	0	0
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	1,923	1,043		880		
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	256	256				
			277.30	Kern County Water Agency Arvin-Edison WSD	0					
				Reach 14C Total:	2,179	1,299	0	880	0	0
15A		Teerink Pumping Plant	278.13		78,776					
	36		279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	765	427		338		
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10	1,173	1,173				
				Reach 15-A Total:	1,938	1,600	0	338	0	0
16A		Chrisman Pumping Plant	280.36		75,786					
	37		282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11	0					
		Check No. 37	283.95							
	38		285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	32	32				
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	53	53				
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13	0					
		Check No. 38	287.09							
	39		287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	60	60				
		Check No. 39	290.21							
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	1,085	1,085				
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	675	675				
				Kern County Water Agency Tehachapi Cummings CWD	1,150	1,150				
				K.C.W.A. Reach 16A Subtotal:	3,055	3,055	0	0	0	0
17E		Edmonston Pumping Plant	293.45		72,748					

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries Table A	USBR	Pump-in Recovery	Article 56C	Other
31A	C-1	Coastal Branch Control	0.02		19,052					
		Las Perillas Pumping Plant	1.16		19,052					
	C-2		3.79	Green Valley Water District	0					
		Badger Hill Pumping Plant	4.27		18,209					
	C-3	Coastal Check No. 3	7.21		0					
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	0					
		Coastal Check No. 4	9.34		0					
	C-5	Coastal Check No. 5	12.20		0					
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	1,353	1,353				
			14.83	Kern County Water Agency Berrenda Mesa - 1	14,488	14,488				
				Kern County Water Agency Berrenda Mesa - PO	0					
		Devil's Den Pumping Plant	14.86		1,497					
				K.C.W.A. Reach 31A Subtotal:	15,841	15,841	0	0	0	0
				K.C.W.A. Total:	80,096	74,854	0	1,952	0	3,290
33A	C-7	Bluestone Pumping Plant	19.05		1,362					
	C-8	Polonio Pass Pumping Plant	26.54		1,535					
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant	0					
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	1,200	573			16	1/ 611
		Tank Site 2	58.63	Central Coast:	0					
	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	346	346				
34		Energy Dissipater	78.12							
	C-12	Lopez T.O.	85.86	SLOCFC & WCD	0					
				CCWA Total:	1,546	919	0	0	16	611
35		Guadalupe T.O.	102.70	SBCFC & WCD	0					
		Santa Maria T.O.	107.43	SBCFC & WCD	0					
		So. Cal. Water T.O.	109.20	SBCFC & WCD	0					
38				SBCFC & WCD Total:	0					
		Tank Site 5	115.42							

1/ Includes 561 AF exchanged Table A water, 3 AF general conveyance, and 47 AF water transfer, store, and convey.

Table 24. Southern Field Division Plant Data

(in acre-feet) **July 2015**

Date	West Branch						East Branch								East Branch Extension		
	Oso Pumping Plant	Warne Powerplant			Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley
		Genera-tion	Leakage	Gorman Crk. Improvement Channel	Genera-tion 1/	Pump-back 1/	Genera-tion	Bypass	Tehachapi Afterbay		Genera-tion	Leakage	Bypass Flume				
1	1,899	2,051	0	0	1,426	969	269	0	0	153	116	0	0	336	31	30	10
2	1,979	2,249	0	0	3,459	70	341	0	0	215	197	0	0	232	39	38	13
3	1,962	2,254	0	0	2,691	0	298	0	0	215	148	0	0	355	0	0	0
4	2,870	2,266	0	0	2,052	0	1,221	0	0	1,069	788	0	0	287	0	0	0
5	2,974	2,234	0	0	1,800	0	695	0	0	677	714	0	0	209	2	0	0
6	2,128	2,259	0	0	2,772	0	408	0	0	278	317	0	0	378	60	58	17
7	1,966	2,194	0	0	2,715	169	396	0	0	371	443	0	0	593	60	58	18
8	1,844	2,236	0	0	2,988	0	545	0	0	306	381	0	0	521	60	58	18
9	1,477	2,140	0	0	2,336	0	417	0	0	300	276	0	0	672	60	59	18
10	2,449	2,287	0	0	2,413	0	0	5	394	396	387	0	0	602	61	58	18
11	3,078	2,257	0	0	1,210	0	591	0	306	955	846	0	0	430	0	0	0
12	3,126	2,301	0	0	1,120	0	1,011	0	0	861	856	0	0	644	0	0	0
13	1,212	1,588	0	0	1,595	0	313	0	0	399	322	0	0	560	47	44	18
14	1,493	1,607	0	0	1,592	0	0	0	992	826	868	0	0	428	45	44	18
15	1,343	1,662	0	0	1,500	0	0	0	352	549	516	0	0	766	45	44	18
16	1,417	1,571	0	0	1,571	0	231	0	136	401	343	0	0	595	45	44	18
17	1,572	1,579	0	0	1,826	0	651	0	0	551	491	0	0	695	44	44	18
18	2,325	1,514	0	0	917	0	1,421	0	0	1,410	1,356	0	0	477	0	0	0
19	1,909	1,126	0	0	454	0	1,240	0	0	1,171	1,204	0	0	462	0	0	0
20	1,105	1,388	0	0	1,767	0	754	0	0	612	597	0	0	640	45	43	18
21	1,126	1,369	0	0	1,631	0	347	0	66	401	330	0	0	404	43	43	18
22	1,261	1,432	0	0	1,721	0	421	0	0	401	624	0	0	390	43	43	18
23	1,304	1,383	0	0	1,411	0	481	0	0	398	380	0	0	491	43	43	18
24	1,270	1,385	0	0	1,222	0	487	0	0	367	258	0	0	572	44	43	17
25	1,836	1,332	0	0	1,030	0	995	0	0	763	713	0	0	431	0	0	0
26	1,847	1,276	0	0	143	0	838	0	0	764	643	0	0	375	0	0	0
27	1,103	1,392	0	0	1,462	0	471	0	0	365	357	0	0	563	44	43	16
28	1,084	1,384	0	0	766	0	345	0	0	365	387	0	0	607	44	42	16
29	1,098	1,334	0	0	2,629	519	0	18	397	304	311	0	0	523	44	42	16
30	1,068	1,598	0	0	1,993	2	619	0	0	426	365	0	0	506	44	42	16
31	1,091	1,352	0	0	2,150	0	405	0	0	386	364	0	0	634	44	42	16
Total	54,216	54,000	0	0	54,362	1,729	16,211	23	2,643	16,655	15,898	0	0	15,378	1,037	1,005	371

1/ Values supplied by LADWP, not verified by DWR.

Table 25. Pyramid Lake

Daily Operation

Capacity: 171,200 ac-ft (in acre-feet except as noted) **July 2016**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow				Outflow				Computed Losses (-) And Gains (+)
				Project			Natural	Project		To Piru Creek		
				Castaic Powerplant Pumpback 1/	Warne Power-plant	Gorman Creek Improv. Channel	Stream Flow	Castaic Powerplant Generation 1/	Recrea-tion Deliveries	Natural	Del. To United W.A.	
Jun 30	2,576.50	167,972										
1	2,577.69	169,501	1,529	969	2,051	0	5	1,426	0	4	0	-66
2	2,576.70	168,228	-1,273	70	2,249	0	5	3,459	0	4	0	-134
3	2,576.29	167,703	-525	0	2,254	0	5	2,691	0	4	0	-89
4	2,576.44	167,895	192	0	2,266	0	5	2,052	0	4	0	-23
5	2,576.68	168,203	308	0	2,234	0	5	1,800	0	4	0	-127
6	2,576.14	167,115	-1,088	0	2,259	0	5	2,772	0	4	0	-576
7	2,575.73	166,987	-128	169	2,194	0	5	2,715	0	4	0	223
8	2,574.98	166,031	-956	0	2,236	0	5	2,988	0	4	0	-205
9	2,574.77	165,765	-266	0	2,140	0	5	2,336	0	4	0	-71
10	2,574.61	165,561	-204	0	2,287	0	5	2,413	0	4	0	-79
11	2,575.30	166,439	878	0	2,257	0	5	1,210	0	4	0	-170
12	2,576.20	167,588	1,149	0	2,301	0	5	1,120	0	4	0	-33
13	2,576.14	167,511	-77	0	1,588	0	5	1,595	0	4	0	-71
14	2,576.03	167,370	-141	0	1,607	0	5	1,592	0	4	0	-157
15	2,576.08	167,434	64	0	1,662	0	5	1,500	0	4	0	-99
16	2,575.96	167,281	-153	0	1,571	0	5	1,571	0	4	0	-154
17	2,575.67	166,910	-371	0	1,579	0	5	1,826	0	4	0	-125
18	2,576.36	167,792	882	0	1,514	0	5	917	0	4	0	284
19	2,576.78	168,331	539	0	1,126	0	10	454	0	4	0	-139
20	2,576.44	167,895	-436	0	1,388	0	23	1,767	0	14	0	-66
21	2,576.21	167,600	-295	0	1,369	0	17	1,631	0	4	0	-46
22	2,575.91	167,217	-383	0	1,432	0	8	1,721	0	4	0	-98
23	2,575.86	167,153	-64	0	1,383	0	7	1,411	0	4	0	-39
24	2,575.91	167,217	64	0	1,385	0	6	1,222	0	4	0	-101
25	2,576.14	167,511	294	0	1,332	0	6	1,030	0	4	0	-10
26	2,576.95	168,549	1,038	0	1,276	0	5	143	0	4	0	-96
27	2,576.89	168,472	-77	0	1,392	0	5	1,462	0	4	0	-8
28	2,577.25	168,935	463	0	1,384	0	4	766	0	4	0	-155
29	2,576.68	168,203	-732	519	1,334	0	3	2,629	0	4	0	45
30	2,576.30	167,716	-487	2	1,598	0	23	1,993	0	4	0	-113
31	2,575.52	166,719	-997	0	1,352	0	30	2,150	0	3	0	-226
Total			-1,253	1,729	54,000	0	237	54,362	0	133	0	-2,724

1/ Values supplied by LADWP, not verified by DWR.

Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

July 2015

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake		
							Natural	Project 1/	
Jun 30	1510.09	19,219							
1	1507.10	18,085	-1,134	1,426	0	969	0	1,542	-49
2	1507.63	18,284	199	3,459	0	70	0	3,184	-6
3	1508.08	18,453	169	2,691	0	0	0	2,598	76
4	1507.01	18,052	-401	2,052	0	0	0	2,458	5
5	1508.94	18,779	727	1,800	0	0	0	991	-82
6	1510.45	19,358	579	2,772	0	0	0	2,226	33
7	1508.88	18,756	-602	2,715	0	169	0	3,203	55
8	1509.40	18,954	198	2,988	0	0	0	2,714	-76
9	1508.00	18,423	-531	2,336	0	0	0	2,909	42
10	1507.96	18,408	-15	2,413	0	0	0	2,376	-52
11	1507.99	18,419	11	1,210	0	0	0	1,206	7
12	1510.80	19,493	1,074	1,120	0	0	0	0	-46
13	1514.65	21,018	1,525	1,595	0	0	0	0	-70
14	1512.82	20,286	-732	1,592	0	0	0	2,316	-8
15	1507.48	18,227	-2,059	1,500	0	0	0	3,570	11
16	1505.69	17,563	-664	1,571	0	0	0	2,236	1
17	1506.67	17,925	362	1,826	0	0	0	1,455	-9
18	1509.09	18,836	911	917	0	0	0	0	-6
19	1510.27	19,288	452	454	0	0	0	0	-2
20	1514.61	21,002	1,714	1,767	0	0	0	0	-53
21	1512.80	20,278	-724	1,631	0	0	0	2,359	4
22	1508.31	18,540	-1,738	1,721	0	0	0	3,513	54
23	1505.50	17,493	-1,047	1,411	0	0	0	2,412	-46
24	1506.03	17,688	195	1,222	0	0	0	1,020	-7
25	1508.71	18,691	1,003	1,030	0	0	0	0	-27
26	1509.23	18,889	198	143	0	0	0	0	55
27	1512.74	20,254	1,365	1,462	0	0	0	0	-97
28	1509.43	18,966	-1,288	766	0	0	0	2,061	7
29	1507.71	18,314	-652	2,629	0	519	0	2,766	4
30	1506.51	17,866	-448	1,993	0	2	0	2,446	7
31	1507.93	18,396	530	2,150	0	0	0	1,591	-29
Total			-823	54,362	0	1,729	0	53,152	-304

1/ Values supplied by LADWP, not verified by DWR.

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

July 2015

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow			Computed Losses (-) And Gains (+)
				From Elderberry Forebay 1/		Natural	Deliveries	Disposition of Natural Inflows	Released To Castaic Lagoon	
				Natural	Project					
Jun 30	1391.90	110,498								
1	1392.60	111,382	884	0	1,542	0	1,330	0	0	672
2	1393.90	113,034	1,652	0	3,184	0	1,246	0	0	-286
3	1395.00	114,442	1,408	0	2,598	0	1,288	0	0	98
4	1395.90	115,601	1,159	0	2,458	0	1,184	0	0	-115
5	1396.50	116,377	776	0	991	0	1,180	0	0	965
6	1396.20	115,988	-389	0	2,226	0	1,149	0	0	-1,466
7	1397.80	118,067	2,079	0	3,203	0	1,322	0	0	198
8	1399.10	119,770	1,703	0	2,714	0	1,180	0	0	169
9	1400.10	121,089	1,319	0	2,909	0	1,203	0	0	-387
10	1401.60	123,082	1,993	0	2,376	0	1,226	0	0	843
11	1402.00	123,616	534	0	1,206	0	1,251	0	0	579
12	1400.80	122,017	-1,599	0	0	0	1,121	0	0	-478
13	1400.10	121,089	-928	0	0	0	1,221	0	0	293
14	1399.90	120,825	-264	0	2,316	0	1,229	0	0	-1,351
15	1401.90	123,483	2,658	0	3,570	0	1,210	0	0	298
16	1402.90	124,823	1,340	0	2,236	0	1,210	0	0	314
17	1403.40	125,496	673	0	1,455	0	1,261	0	0	479
18	1403.00	124,957	-539	0	0	0	1,218	0	0	679
19	1402.20	123,884	-1,073	0	0	19	1,115	0	0	23
20	1401.40	122,815	-1,069	0	0	3	1,051	0	0	-21
21	1400.80	122,017	-798	0	2,359	1	1,101	0	0	-2,057
22	1403.20	125,226	3,209	0	3,513	1	1,075	0	0	770
23	1404.40	126,847	1,621	0	2,412	0	1,110	0	0	319
24	1405.00	127,662	815	0	1,020	0	1,179	18	0	992
25	1404.30	126,712	-950	0	0	0	1,192	30	41	313
26	1403.00	124,957	-1,755	0	0	0	1,160	30	41	-524
27	1402.20	123,884	-1,073	0	0	0	1,230	30	41	228
28	1401.60	123,082	-802	0	2,061	0	1,201	30	41	-1,591
29	1403.00	124,957	1,875	0	2,766	0	1,209	4	68	390
30	1403.90	126,170	1,213	0	2,446	0	1,213	0	72	52
31	1404.60	127,118	948	0	1,591	0	1,130	0	72	559
Total			16,620	0	53,152	24	36,995	142	376	957

1/ Values supplied by LADWP, not verified by DWR.

Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries Table A	Rec.	Article 56C	Article 14B	Other
29A	42	Oso Pumping Plant	1.49		54,216					
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Re-moved					
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub					
29G		Warne Powerplant	14.07	(0 AF of flow through Gorman Creek Imp. Channel)	54,000					
29H	W3	Pyramid Lake		USFS Pyramid Recreation (T300)	0					
				United WA (T300)	0					
		Pyramid Dam	17.10	California State Park Piru Fish (T300)	0					
29J		Castaic Powerplant	25.82	(1,729 AF pump-back) 2/	54,362					
	W4	Elderberry Forebay								
		Forebay Dam	28.12							
30 1/	W5	Castaic Lake		California State Park Castaic Lake Recreation (T301)	17		17			
		Castaic Dam	31.47							
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	34,239	15,717				3/ 18,522
				Castaic Lake WA 18", 24" & 54" (T303)	117	117				
				Castaic Lake WA (T304)	2,456	1,060				4/ 1,396
				MWD-Ventura Co. WPD (T302)	0					
					0					
				Disposition of Natural inflows	142					
				Releases to Castaic Lagoon	376					
				Reach 30 Subtotal:	36,829	16,894	17	0	0	19,918
	W6	Castaic Lagoon		California State Park Recreation to Lagoon (T353)	0					
		Castaic Lagoon Outlet	31.87		186					

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55. All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value supplied by LADWP, not verified by DWR.

3/ Includes 1,374 AF multi pool deliveries, 2,185 AF dry year purchase, 9,885 AF water transfer, store, and convey, 3,701 AF Kern-Delta, 156 AF Arvin Edison, and 1,221 AF Semitropic water bank recovery.

4/ Pump-in recovery.

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

July 2015

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow					Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/
							Project			Del. To Mojave W.A.	Natural To Mojave River		
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Delivered to CLAWA	Rec.	San Bernardino Tunnel				
Jun 30	3350.57	70,714											
1	3350.32	70,478	-236	116	0	0	3	0	336	0	0	-13	20
2	3350.27	70,431	-47	197	0	0	6	2	232	0	0	-4	20
3	3350.05	70,223	-208	148	0	0	5	0	355	0	1	5	20
4	3350.52	70,667	444	788	0	0	5	0	287	0	0	-52	20
5	3351.55	71,636	969	714	0	0	4	0	209	0	0	468	20
6	3350.88	71,003	-633	317	0	0	5	0	378	0	0	-567	20
7	3350.58	70,715	-288	443	0	0	5	1	593	0	0	-132	20
8	3350.57	70,714	-1	381	0	0	4	0	521	0	0	143	20
9	3350.09	70,261	-453	276	0	0	5	0	672	0	1	-51	20
10	3349.85	70,035	-226	387	0	0	5	0	602	0	0	-6	20
11	3350.26	70,421	386	846	0	0	5	0	430	0	0	-25	20
12	3350.48	70,629	208	856	0	0	4	0	644	0	1	1	20
13	3350.18	70,346	-283	322	0	0	5	0	560	0	0	-40	20
14	3350.65	70,790	444	868	0	0	5	0	428	0	0	9	20
15	3350.33	70,487	-303	516	0	0	5	1	766	0	0	-47	20
16	3350.04	70,214	-273	343	0	0	3	0	595	0	1	-17	20
17	3349.77	69,958	-256	491	0	0	3	0	695	0	0	-49	20
18	3350.67	70,809	851	1,356	0	0	3	0	477	0	0	-25	20
19	3351.67	71,758	949	1,204	0	56	1	0	462	0	0	152	20
20	3351.69	71,777	19	597	0	5	0	0	640	0	1	58	20
21	3351.59	71,682	-95	330	0	1	0	0	404	0	0	-22	20
22	3351.78	71,863	181	624	0	1	0	0	390	0	0	-54	21
23	3351.68	71,768	-95	380	0	0	0	0	491	0	0	16	21
24	3351.31	71,416	-352	258	0	0	3	0	572	0	1	-34	21
25	3351.60	71,691	275	713	0	0	4	0	431	0	0	-3	21
26	3351.83	71,911	220	643	0	0	4	0	375	0	0	-44	21
27	3351.61	71,701	-210	357	0	0	3	0	563	0	0	-1	22
28	3351.49	71,587	-114	387	0	0	4	0	607	0	0	110	22
29	3351.17	71,283	-304	311	0	0	4	1	523	0	1	-86	22
30	3350.91	71,036	-247	365	0	0	3	0	506	0	0	-103	22
31	3350.70	70,837	-199	364	0	0	3	0	634	0	0	74	22
Total			123	15,898	0	63	109	5	15,378	0	7	-339	635

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

July 2015

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow		Computed Losses (-) Gains (+) 1/
					Pumpback 1/ and 2/	Deliveries 1/ and 2/	
Jun 30	1,548	48,391					
1	1,548	48,082	-309	28	0	251	-86
2	1,548	47,927	-155	28	0	201	18
3	1,547	47,618	-309	28	0	173	-164
4	1,547	47,311	-307	28	0	209	-126
5	1,547	47,162	-149	28	0	172	-5
6	1,547	47,083	-79	28	0	92	-15
7	1,547	47,234	151	28	0	4	127
8	1,547	47,004	-230	28	0	4	-254
9	1,547	47,004	0	28	0	4	-24
10	1,547	47,004	0	28	0	4	-24
11	1,547	47,004	0	28	0	4	-24
12	1,547	47,004	0	28	0	5	-23
13	1,547	47,004	0	28	0	4	-24
14	1,547	47,004	0	28	0	4	-24
15	1,547	47,004	0	28	0	5	-23
16	1,547	47,004	0	28	0	4	-24
17	1,547	47,004	0	28	0	4	-24
18	1,547	46,851	-153	28	0	4	-177
19	1,547	46,851	0	28	0	5	-23
20	1,547	46,851	0	28	0	5	-23
21	1,547	46,851	0	28	0	5	-23
22	1,547	46,851	0	28	0	4	-24
23	1,547	47,157	306	28	0	4	282
24	1,547	47,157	0	28	0	4	-24
25	1,547	47,157	0	28	0	4	-24
26	1,547	46,851	-306	28	0	4	-330
27	1,547	47,004	153	29	0	3	127
28	1,547	47,157	153	29	0	4	128
29	1,547	47,157	0	29	0	4	-25
30	1,547	47,157	0	29	0	5	-24
31	1,547	47,157	0	29	0	3	-26
Total			-1,234	873	0	1,202	-905

1/ Estimated daily values. Data taken at the end of the month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries Table A	Rec.	Article 56C	Transfer	Other
17E	40	Edmonston Pumping Plant	293.45		72,748					
	41		298.65	KCWA Tej.-Cas	0					
17F		Check No. 41	303.41							
18A	42		304.99	AVEK WA-Temp for TEA construction (T389)	0					
		Check No. 42	304.99							
	43	Alamo Powerplant	305.73	(Includes 16,211 AF generation, 23 AF plant bypass, and 2,643 AF Tehachapi Bypass)	18,877					
			306.71	AVEK 305th Street West (T287)	0					
19			308.05	AVEK 294th Street West (T267)	0					
		Check No. 43	309.70							
	44		311.84	LADWP Connection	0					
			313.50	AVEK 245th Street West (T269)	0					
		Check No. 44	314.81							
	45		314.93	AVEK 235th Street West (T270)	0					
			315.57	AVEK 225th Street West (T271)	0					
		Check No. 45	319.74							
	46		323.19	Antelope Valley-East Kern WA Fairmont (T272)	0					
				Mojave Water Agency Fairmont (T272)	0					
		Check No. 46	323.84							
				Reach 19 Total:	0	0	0	0	0	0
20A	47	Check No. 47	326.77							
	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	15			15		
			329.65	Antelope Valley-East Kern WA 120th Street West	Re-moved					
		Check No. 48	330.82							
	49	Check No. 49	335.93							
	50		336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	1,673	652		538		1/ 483
			339.68	Antelope Valley-East Kern WA Rancho Vista (T275)	0					
20B			340.92	AVEK WA-Temp (T387)	0					
		Check No. 50	341.51							
	51		342.06	AVEK WA-Temp (T386)	0					
		Check No. 51	342.07							
	52		342.95	Antelope Valley-East Kern WA 30th Street West (T414)	0					
		Check No. 52	343.74							
			346.98	Palmdale WD (T276) Temp.	799	54				2/ 745
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	58			58		
21		Check No. 53	348.17							
	54	Check No. 54	350.25							
	55	Check No. 55	352.70							
	56	Check No. 56	354.76							
	57		354.97	AVEK WA- Delivered through Littlerock Creek ID (T278)	0					
			354.97	Palmdale WD (T276)	0					
22A			354.97	Palmdale WD (T391)	0					
		Check No. 57	356.93							
	58	Antelope Valley-East Kern WA	357.60	95th Street East (T279)	0					
			357.72	96th Street East (T280)	0					
			359.76	East Side Treatment Plant (T281)	226			226		

1/ Includes 176 AF of pump-in recovery, 174 AF exchanged Table A water, and 133 AF of Mojave WA's Table A delivered through AVEK's turnout.

2/ Includes 26 AF of multi pool deliveries, 153 AF exchange of Article 56C carryover, and 566 AF of Table A transfer.

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet) **July 2015**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries Table A	Rec.	Article 56C	Transfer	Other
22B	58	Pearblossom Pumping Plant	360.61		16,655					
	59	Check No. 59	366.09							
	60		366.50	AVEK Big Rock Siphon (T368)	23			23		
		Check No. 60	373.94							
	61	Check No. 61	379.00							
	62	Check No. 62	384.26							
	63	Check No. 63	389.20	MWA (T282)	149	149				
				MWA (T422)	0					
	64	Check No. 64	395.10							
	65	Check No. 65	400.32							
	66		401.10	Mojave Water Agency Morongo 24" & 42" (T284)	316	316				
23		Check No. 66	403.41							
	68	Mojave Siphon	405.58	Las Flores Ranch Exchange	635				635	
		Mojave Siphon Powerplant	405.65	(Includes 15,898 AF generation, 0 AF leakage, and 0 AF Bypass flume.)	15,898					
24		Silverwood Lake	407.65	MWA CS DAM (T288)	0					
				California State Park Silverwood (T288)	5		5			
			407.70	Crestline-Lake Arrowhead WA State Project Water (T289)	107					1/ 107
				Non-Project Water (T289)	0					2/ 2
25		San Bernardino Intake Tunnel			15,378					
26A		Devil Canyon Powerplant	412.73		15,378					
		Devil Canyon Afterbay Control Structures	412.88	MWD-Rialto (T290)	0					
				MWD-Rialto (T293)	715					1/ 715
				MWD-Rialto (T294)	0					
				Desert Water Agency Transfer (T293)	0					3/ 67
				Coachella Valley WD (T293)	4,199	4,057				4/ 142
				Coachella Valley WD (T294)	0					
				San Gabriel Valley MWD (T290)	1,457	1,457				
EBX		East Branch Extension		MWD EBX-1 (T290)	0					
				MWD EBX-1 (T291)	0					
				San Bernardino Valley MWD (T290)	287	164				3/ 123
				San Bernardino Valley MWD (T291)	3,038	916		1,972		3/ 150
				San Bernardino Valley MWD (T403)	32	32				
				San Bernardino Valley MWD (T407)	634	634				
				San Gorgonio Pass WA (T413)	371	371				
				San Bernardino Valley MWD Total	3,991	1,746	0	1,972	0	273
28G	69	Santa Ana Valley Pipeline	425.46							
28H			433.06	Coachella Valley (T295)	2,367	2,367				
				Coachella Valley (T296)	0					
				Desert Water Agency (T296)	1,416	1,416				
				MWD-SC Box Springs (T295)	0					
			440.05	MWD-SC (T296)	0					
28J		Lake Perris	442.00	MWD-SC (T297)	0					
			443.44	MWD-SC 54" & 78" (T299)	0					
				Coachella Valley (T299)	0					
				Desert Water Agency (T299)	1,173	1,048				5/ 125
				Ca. St. Pk. Lake Perris Rec. (T298)	29		29			
				MWD Total:	34,954	15,717	0	0	0	19,237

1/ Exchange of Table A water.
2/ Local.
3/ Multi pool deliveries.
4/ Dry year purchase.
5/ Table A through turnout T297

Table 32. Water Quality At Selected SWP Locations

July 2015

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct					
					Banks Pumping Plant	O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	Devil Canyon Headworks
Alkalinity	mg/l as CaCO3	50	96	104	90	95	93	89	88	87
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Arsenic	mg/l	<0.001	0	0	0	0	0	0	0	0
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0	0	0	0	0	0	0	0
Bromide	mg/l	<0.01	0	0	1	0	0	0	0	0
Calcium	mg/l	3	14	30	25	27	27	26	26	28
Chloride	mg/l as C	1	22	114	167	108	109	104	103	76
Chromium	mg/l as C	<0.001	<0.001	0	<0.001	<0.001	<0.001	<0.001	0	0
Copper	mg/l	<0.001	0	0	0	0	0	0	0	0
Hardness	mg/l	14	90	154	148	137	141	127	131	110
Iron	mg/l	0	0	<0.005	<0.005	0	<0.005	<0.005	0	<0.005
Lead	mg/l as CaCO3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	1	13	19	20	17	18	15	16	10
Manganese	mg/l	<0.005	0	<0.005	0	<0.005	<0.005	<0.005	<0.005	<0.005
Nitrate + Nitrite	mg/l	<0.01	0	0	0	0	1	0	0	0
Organic Carbon, Dissolved	mg/l	NR	6	6	5	5	5	4.7a	5	3
Organic Carbon, Total	mg/l as N	NR	6	6	6	5	5	4.5a	6	3
Phosphate-Ortho	mg/l as P	<0.01	0	0	0	0	0	NR	0	<0.01
Phosphorus-Total	mg/l	0	0	0	0	0	0	0	1	0
Selenium	mg/l	<0.001	<0.001	0	0	0	0	0	0	0
Sodium	mg/l	1	23	78	102	72	77	71	73	68
Specific Conductance	µS/cm	107	286	697	833	652	672	627	631	574
Sulfate	mg/l	3	14	59	49	52	64	54	56	70
Total Dissolved Solids	mg/l	65	159	385	460	360	373	348	353	317
Turbidity	NTU	2	4	2	3	3	1	3	116b	1
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

mg/l milligrams per liter
µg/l micrograms per liter
µS/cm microSiemens per centimeter
NR - Not Reported
NTU - nephelometric turbidity units

a The dissolved organic carbon concentration is the average of results for multiple samples for the month. This average value exceeded the single analytical result for total organic carbon.

b Analyte Reporting Limit raised to 5 N.T.U. due to high analyte level.

Table 33. Water Quality At Selected Delta Stations

July 2015

Date	Antioch Tides (feet above mean sea level)		Flow In CFS			Electrical Conductivity in milliSiemens/cm									Cl in mg/l
			Net Delta Outflow Index		Rio Vista	Antioch	Chipps Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal	Contra Costa Canal Intake
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average											
					md	md	md	md	14dm	md	14dm	md	md	md	md
1	6.76	4.48	3,511	3,511	2,344	6.98	16.13	4.81	4.01	2.16	1.87	0.76	0.00	0.80	172
2	6.88	4.65	3,153	3,332	2,329	7.44	16.93	5.22	4.06	2.35	1.91	0.75	0.00	0.80	171
3	6.97	4.68	2,809	3,158	2,211	7.47	17.39	5.74	4.17	2.42	1.95	0.74	0.00	0.81	171
4	6.91	4.80	2,929	3,101	2,318	7.63	17.86	5.98	4.30	2.55	2.00	0.73	0.00	0.81	171
5	6.83	4.89	2,900	3,061	2,286	7.95	18.30	6.48	4.46	2.62	2.06	0.73	0.00	0.80	171
6	6.36	4.60	2,702	3,001	2,191	7.29	16.79	5.77	4.62	2.42	2.12	0.72	0.00	0.78	170
7	6.14	4.42	3,311	3,045	2,524	6.76	16.09	5.10	4.74	2.16	2.17	0.72	0.00	0.77	169
8	6.41	4.47	3,072	3,048	2,321	6.90	16.32	5.18	4.89	2.10	2.20	0.72	0.00	0.77	170
9	6.44	4.42	2,854	3,027	2,203	6.84	15.85	5.02	5.03	2.09	2.23	0.71	0.00	0.77	171
10	6.57	4.34	3,498	3,074	2,650	6.66	15.31	4.66	5.10	1.98	2.24	0.73	0.00	0.76	170
11	6.72	4.48	3,851	3,145	2,931	7.17	15.96	4.83	5.15	2.08	2.23	0.73	0.00	0.77	170
12	6.75	4.53	3,723	3,193	2,951	7.37	16.26	5.20	5.21	2.30	2.24	0.73	0.00	0.77	170
13	6.81	4.59	4,018	3,256	3,128	6.71	15.98	4.81	5.23	2.01	2.23	0.73	0.00	0.77	172
14	6.89	4.61	4,169	3,322	3,227	6.99	16.55	5.01	5.27	1.97	2.23	0.73	0.00	0.77	170
15	6.84	4.64	3,911	3,361	3,057	7.01	16.24	4.84	5.27	2.06	2.22	0.73	0.00	0.76	169
16	6.91	4.78	3,881	3,393	3,020	7.15	16.92	5.21	5.27	2.18	2.21	0.73	0.00	0.77	168
17	6.80	4.80	3,682	3,410	2,890	7.07	17.04	5.32	5.24	2.28	2.20	0.73	0.00	0.77	169
18	6.77	4.82	4,139	3,451	3,203	7.06	17.02	5.34	5.20	2.28	2.18	0.73	0.00	0.77	169
19	6.26	4.42	4,202	3,490	3,268	6.06	15.01	4.11	5.03	1.90	2.13	0.73	0.00	0.76	169
20	5.89	4.38	4,388	3,535	3,386	5.73	14.23	3.75	4.88	1.59	2.07	0.73	0.00	0.76	170
21	6.02	4.52	3,359	3,527	4,062	6.08	14.96	3.73	4.79	1.70	2.04	0.73	0.00	0.76	167
22	6.21	4.60	3,358	3,519	4,924	6.38	15.49	3.54	4.67	1.62	2.00	0.73	0.00	0.76	168
23	6.09	4.44	3,149	3,503	4,745	6.08	14.46	3.14	4.53	1.64	1.97	0.73	0.00	0.76	168
24	6.09	4.25	3,079	3,485	4,979	5.84	13.62	2.68	4.39	1.57	1.94	0.75	0.00	0.76	170
25	6.36	4.34	3,024	3,467	3,682	6.09	14.15	3.03	4.26	1.59	1.91	0.77	0.00	0.76	170
26	6.70	4.63	3,183	3,456	2,589	6.45	15.33	3.76	4.16	1.66	1.86	0.76	0.00	0.76	170
27	6.72	4.61	2,775	3,431	2,294	6.40	15.09	3.86	4.09	1.82	1.85	0.76	0.00	0.76	172
28	6.78	4.61	3,510	3,434	2,766	6.57	15.21	4.11	4.03	1.74	1.83	0.76	0.00	0.76	171
29	6.87	4.71	3,365	3,431	2,682	6.86	16.14	4.68	4.02	1.77	1.81	0.76	0.00	0.76	178
30	7.14	4.86	3,357	3,429	2,682	7.52	17.68	5.39	4.03	2.26	1.82	0.76	0.00	0.76	172
31	7.14	4.80	3,521	3,429	2,639	7.26	17.49	5.56	4.05	2.14	1.81	0.75	0.00	0.76	171

Clifton Court Cl(mg/l)=200X EC - 25 e = Estimated
N.R. = No Record.
N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.
r = Excess delta conditions with export/inflow ratio concerns.
s = Balanced water conditions with storage withdrawals.

dm = Daily Mean
md = Mean Daily

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

July 2015

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	N/A		
California Aqueduct At Banks Pumping Plant	June 17, 2015	Atrazine	0.02
	June 17, 2015	Metalochlor	0.11
	June 17, 2015	Simazine	0.02
O'Neill Forebay Outlet Check 13	June 16, 2015	Simazine	0.02
Delta Mendota Canal At McCabe Road	June 16, 2015	Atrazine	0.03
	June 16, 2015	Metalochlor	0.29
	16-Jun-15	Simazine	0.02
California Aqueduct Near Kettleman City (Check 21)	June 16, 2015	Simazine	0.02
California Aqueduct At Near Highway 119 (Check 29)	June 16, 2015	Simazine	0.02
California Aqueduct at Tehachapi Afterbay (Check 41)	N/A		
California Aqueduct At Devil Canyon 2nd Afterbay (2nd Afterbay)	June 16, 2015	Simazine	0.02

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

(in kWh) **July 2015**

Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	5,216,035	0	13,752	22,837	121,432	121,432	366,114	222
2	5,311,119	0	15,457	26,625	169,064	169,064	438,914	215
3	5,193,144	0	14,808	25,150	167,960	167,960	424,075	204
4	4,377,637	0	13,656	21,828	167,456	167,456	433,689	207
5	4,547,147	0	12,972	21,603	166,280	166,280	365,218	204
6	4,808,111	0	15,821	25,699	165,616	165,616	376,688	195
7	4,405,225	0	19,827	39,230	244,288	244,288	492,099	182
8	4,523,959	33	20,373	39,253	254,368	254,368	367,451	167
9	4,731,793	0	19,350	38,242	165,992	165,992	456,324	169
10	4,500,573	0	18,979	33,906	167,448	167,448	452,218	168
11	4,502,212	0	20,045	37,320	168,536	168,536	366,908	170
12	4,757,665	0	19,960	35,185	168,848	168,848	363,086	173
13	4,741,814	0	17,587	37,075	174,944	174,944	374,941	174
14	4,766,201	0	14,362	37,252	172,512	172,512	469,484	174
15	4,763,847	0	13,615	36,193	173,408	173,408	336,153	182
16	3,430,658	0	15,182	39,242	171,408	171,408	424,561	187
17	4,085,257	0	15,089	39,237	172,928	172,928	520,117	189
18	3,928,705	0	18,382	39,249	174,256	174,256	371,683	185
19	3,929,002	0	19,798	36,624	119,704	119,704	367,567	193
20	3,926,120	0	19,554	37,151	201,064	201,064	368,248	209
21	4,131,149	0	19,736	34,374	148,664	148,664	274,404	195
22	4,322,274	0	18,311	31,449	10,136	10,136	137,295	178
23	4,379,760	0	17,490	29,240	85,312	85,312	125,327	172
24	4,773,318	0	17,213	29,382	185,072	185,072	468,168	170
25	4,564,703	0	19,799	36,916	216,408	216,408	534,692	170
26	4,549,138	0	17,199	27,422	169,768	169,768	387,937	170
27	4,586,527	0	19,378	35,215	168,784	168,784	365,302	203
28	4,307,094	0	22,795	39,548	168,336	168,336	406,750	266
29	4,304,762	0	28,521	38,403	168,912	168,912	422,782	267
30	4,356,704	0	35,980	47,188	169,456	169,456	366,408	260
31	4,116,530	0	35,214	45,258	169,888	169,888	365,592	250
Total	138,838,183	33	590,205	1,063,296	5,148,248	5,148,248	11,990,195	6,070

Table 36. San Luis Field Division Energy Data

(in kWh) **July 2015**

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load /1	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	933,644	573,644	2,145,187	585,187	0	0
2	999,950	639,950	2,142,822	812,822	0	0
3	951,944	951,944	2,163,799	2,163,799	0	0
4	1,232,626	872,626	2,222,418	1,022,418	0	0
5	1,091,038	731,038	2,044,350	844,350	0	0
6	681,264	321,264	1,453,826	139,826	0	0
7	1,001,954	641,954	2,323,497	1,003,497	99	99
8	839,668	479,668	1,028,049	628,049	9,669	9,669
9	918,767	558,767	1,701,766	691,766	4,356	4,356
10	1,040,947	1,040,947	1,900,866	1,900,866	0	0
11	1,140,404	1,140,404	2,045,846	2,045,846	0	0
12	959,251	959,251	2,026,200	2,026,200	0	0
13	642,600	642,600	2,014,595	2,014,595	0	0
14	739,633	739,633	1,387,980	1,387,980	0	0
15	828,700	828,700	1,621,895	1,621,895	0	0
16	837,470	837,470	1,230,218	1,230,218	0	0
17	977,562	977,562	1,888,271	1,888,271	0	0
18	1,005,021	1,005,021	1,748,824	1,748,824	110	110
19	839,948	839,948	1,448,722	1,448,722	6,908	6,908
20	602,127	602,127	1,136,883	1,136,883	7,524	7,524
21	726,635	486,635	1,491,138	1,491,138	6,809	6,809
22	727,709	487,709	604,879	4,879	10,010	10,010
23	775,278	535,278	910,745	910,745	10,670	10,670
24	709,036	709,036	1,495,241	1,495,241	6,391	6,391
25	841,072	841,072	1,186,988	1,186,988	6,611	6,611
26	743,542	743,542	856,218	856,218	9,207	9,207
27	477,662	477,662	1,067,792	1,067,792	9,570	9,570
28	670,124	670,124	1,312,707	1,312,707	9,273	9,273
29	757,674	757,674	824,098	824,098	9,251	9,251
30	563,468	563,468	1,056,022	1,056,022	8,492	8,492
31	727,283	727,283	952,138	952,138	9,988	9,988
Total	25,984,001	22,384,001	47,433,980	37,499,980	124,938	124,938

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Plant Energy Load Data

(in kWh) **July 2015**

Date	Coastal Branch					California Aquedect			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	46,688	113,814	27,417	25,031	28,008	688,468	669,346	1,440,219	4,764,177
2	52,998	130,035	54,220	51,289	55,491	728,095	695,147	1,534,016	5,185,377
3	55,723	135,863	45,807	43,094	46,521	751,318	681,367	1,490,269	5,167,908
4	55,431	130,285	39,487	35,563	39,131	1,020,623	1,060,713	2,337,280	8,443,359
5	56,802	133,233	43,833	39,714	44,845	925,580	1,016,606	2,295,447	8,384,931
6	52,703	127,210	37,884	35,267	38,848	698,020	743,031	1,617,946	5,552,496
7	52,156	128,652	38,876	35,355	39,382	717,167	711,178	1,542,475	5,435,208
8	55,540	133,145	38,935	37,363	40,119	729,853	665,309	1,417,086	4,773,978
9	48,390	119,613	39,895	36,736	40,625	580,883	546,628	1,184,304	3,866,535
10	39,772	102,049	44,021	40,623	45,256	838,777	862,029	1,891,714	6,676,047
11	44,512	107,610	35,488	32,838	35,658	1,158,397	1,181,225	2,622,268	9,367,137
12	43,757	107,534	56,572	53,629	57,062	1,035,468	1,159,814	2,593,866	9,269,532
13	48,080	120,828	47,071	43,647	47,148	435,379	488,657	1,061,643	3,619,431
14	42,484	106,245	30,461	28,064	30,145	617,474	599,072	1,300,255	4,373,136
15	44,538	111,080	25,351	23,563	25,512	609,397	590,787	1,278,321	4,215,591
16	43,951	109,263	25,625	23,756	26,753	697,016	624,953	1,339,877	4,435,803
17	49,320	121,880	22,469	21,327	23,468	663,289	670,235	1,474,726	5,142,069
18	43,797	108,743	29,047	27,298	28,805	981,848	1,089,972	2,448,820	8,769,924
19	28,816	71,995	20,903	19,346	20,472	796,172	845,577	1,894,156	6,702,345
20	40,047	102,155	28,859	26,517	28,826	396,576	449,986	1,000,395	3,600,261
21	53,386	128,660	33,632	30,924	34,910	437,929	444,134	1,005,565	3,512,295
22	53,877	130,027	24,875	23,234	24,669	490,050	498,487	1,109,306	3,880,629
23	56,743	133,987	32,829	29,956	32,840	530,100	522,911	1,146,618	3,980,259
24	51,570	124,811	34,723	33,151	35,140	546,703	494,356	1,085,150	3,709,638
25	41,678	103,457	31,679	29,171	32,154	780,734	773,948	1,736,757	6,140,097
26	44,344	111,216	36,574	33,948	37,085	638,883	746,921	1,690,271	5,973,237
27	53,393	125,251	35,323	33,558	36,131	393,113	449,690	1,004,036	3,456,027
28	50,966	122,392	34,995	32,043	35,852	469,782	456,682	1,014,486	3,468,312
29	55,119	130,145	28,311	26,579	30,896	509,755	478,723	1,025,618	3,294,513
30	54,299	130,367	38,083	35,630	37,905	469,037	476,399	1,043,273	3,467,718
31	39,315	95,156	35,459	34,749	36,873	494,062	474,799	1,019,403	3,479,085
Total	1,500,195	3,656,701	1,098,704	1,022,963	1,116,530	20,829,948	21,168,682	46,645,566	162,107,055

Table 38. Southern Field Division Energy Data

(in kWh) **July 2015**

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Gen /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon PowerplantGeneration	Mojave Siphon Powerplant Generation	Green spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	499,227	1,215,635	2,112,000	29,438	116,309	396,288	5,662	21,456	26,239	1,214
2	523,045	1,310,769	2,112,000	38,924	156,426	263,333	11,871	26,789	32,994	1,372
3	519,120	1,310,999	2,112,000	34,032	158,363	421,042	7,186	2,229	699	515
4	756,567	1,320,980	2,112,000	143,894	703,791	338,342	52,457	2,167	685	506
5	784,757	1,310,529	2,112,000	76,025	465,293	233,849	50,483	3,061	663	480
6	565,274	1,328,338	2,112,000	46,210	199,475	454,111	19,851	38,217	49,620	1,212
7	519,490	1,298,797	2,112,000	46,451	263,388	738,137	34,365	37,887	49,868	1,412
8	486,908	1,283,993	2,112,000	63,539	218,509	632,772	26,169	38,379	49,926	1,375
9	392,133	1,221,971	2,112,000	46,075	214,100	844,898	19,104	38,213	50,142	1,313
10	647,640	1,307,086	0	0	278,928	722,758	28,589	38,574	49,963	1,436
11	810,913	1,298,762	0	69,304	651,061	481,010	63,729	2,161	728	409
12	824,114	1,318,440	0	119,793	586,303	748,127	67,333	2,187	734	450
13	325,603	916,040	0	35,728	280,673	649,627	23,046	30,035	37,402	1,189
14	391,843	926,027	0	0	563,070	507,154	62,324	29,208	37,252	1,307
15	355,671	951,299	0	0	379,107	950,443	38,740	29,090	37,154	1,253
16	375,902	907,921	0	26,934	283,986	715,817	22,686	28,293	37,196	984
17	415,920	904,894	0	68,684	378,661	839,218	36,466	28,080	37,229	1,208
18	615,080	896,457	0	164,273	945,779	554,216	96,062	2,149	675	436
19	502,971	639,309	0	147,796	789,788	532,811	81,176	2,234	687	451
20	294,920	787,298	0	86,614	421,616	755,341	46,649	28,606	36,812	1,179
21	299,975	785,724	1,272,000	38,782	281,867	479,657	22,843	27,754	36,868	1,356
22	333,249	810,473	1,272,000	46,780	281,501	463,090	46,266	27,710	36,841	1,366
23	347,096	791,959	1,272,000	54,003	278,649	583,016	26,285	28,230	36,866	1,363
24	337,107	790,376	0	53,155	257,763	661,543	17,083	28,121	36,880	1,336
25	484,840	819,104	0	108,337	517,512	478,444	46,787	2,340	694	532
26	491,121	785,481	0	91,031	518,399	410,800	34,346	2,257	686	507
27	294,620	794,013	0	53,236	257,050	655,049	24,403	30,638	37,073	1,195
28	290,875	797,051	0	35,229	257,314	708,696	29,756	28,886	36,844	1,322
29	294,584	796,927	0	0	216,814	604,339	22,517	28,748	37,204	1,435
30	286,182	762,388	0	67,935	297,312	582,160	27,967	29,286	37,191	1,378
31	293,679	759,402	0	47,680	271,965	738,468	28,519	29,474	37,226	1,647
Total	14,360,426	31,148,442	22,824,000	1,839,882	11,490,772	18,144,556	1,120,720	692,459	871,041	33,138

1/ Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations.