State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
March
2014

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 http://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.

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Department of Water Resources
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The organization shown above represents staff and positions relevant to this report as of month of publication, July 2015. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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MONTHLY HIGHLIGHTS

The following activities, actions, and conditions affected State Water Project (SWP) operations during March 2014:

Statewide precipitation was about 50 percent of average for water year 2013−2014 through March 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. Snow pack water content for March 2014 was poor, only about one quarter of average for this date compared to 40 percent last year.

Cumulative unimpaired runoff for the Sacramento River Region for water year 2013−2014 was 4.3 maf, 39 percent of average. Statewide runoff for water year 2013−2014 was 35 percent of average.

Statewide reservoir storage was 70 percent of average to date. Total storage in major SWP reservoirs at the end of March was about 2.68 maf compared to 4.10 maf at this time in 2013. On March 31, end-of-month storage at Lake Oroville was about 1.72 maf, as compared to 2.98 maf at this time in 2013. The State share of San Luis Reservoir's end-of-month storage was about 388 taf, as compared with 520 taf at this time in 2013. The combined storage in SWP's southern reservoirs was about 576 taf, compared with about 595 taf at this time in 2013.

The cumulative SWP water deliveries to date through March were about 308 taf. Water deliveries are a combination of project, transfer, and exchange classifications. Total deliveries through this same period in 2013 were 482 taf.

Effective March 2, 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), "Excess" conditions, with restricted operations and suspended accounting, were declared in the Delta. COA conditions included restrictions to reflect fish concerns through March 17. On March 18, "Balanced" conditions with accounting were declared in the Delta. The end-of-month USBR COA balance was 96,839 cfs in favor of USBR.

There were eleven measurable earthquakes within the vicinity of SWP in March. One occurrence located 8 miles north of Castaic required an inspection of Castaic PP, Elderberry Forebay Dam, and Castaic Dam. However, no damage was reported from the inspection. During the month of March, there were 25 days with fish salvage reports including longfin smelt, steelhead, salmon, and splittail.

On March 3, Mojave Siphon P Unit 1 was made available after being out of service since January 27 for its annual maintenance. On March 6, Banks PP Unit 3 was returned to service after being forced out on March 4 due to depressing air system problem. On March 28, DFD placed a special condition for California Aqueduct Pool No. 2 elevation to remain at or below 26 feet in preparation for a leak repair near milepost 7.56. DFD Area Control Center was given jurisdiction of the Banks PP and California Aqueduct checks 1–12 due to this flow elevation restriction. Repair of this leak located at a 10-foot section of the concrete canal liner took three dives in three days (March 29–31) to complete.

Table 1. Antelope Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

March 2014

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs) 1/
				Regulated Release			Spill	Estimated Evaporation And Seepage 1/	Total Outflow 1/	
				Stream-flow Maint.	Water Supply Contract	Water Right				
Feb 28	4,997.75	18,804								
1	4,997.81	18,854	50	5	0	0	0			
2	4,997.87	18,905	51	5	0	0	0			
3	4,997.98	18,997	92	5	0	0	0			
4	4,998.08	19,082	85	5	0	0	0			
5	4,998.23	19,209	127	5	0	0	0			
6	4,998.52	19,455	246	5	0	0	0			
7	4,998.66	19,575	120	5	0	0	0			
8	4,998.77	19,670	95	5	0	0	0			
9	4,998.89	19,773	103	5	0	0	0			
10	4,999.03	19,894	121	5	0	0	0			
11	4,999.13	19,981	87	5	0	0	0			
12	4,999.19	20,033	52	5	0	0	0			
13	4,999.25	20,085	52	5	0	0	0			
14	4,999.32	20,146	61	5	0	0	0			
15	4,999.37	20,190	44	5	0	0	0			
16	4,999.43	20,242	52	5	0	0	0			
17	4,999.47	20,278	36	5	0	0	0			
18	4,999.51	20,313	35	5	0	0	0			
19	4,999.55	20,348	35	5	0	0	0			
20	4,999.61	20,400	52	5	0	0	0			
21	4,999.65	20,436	36	5	0	0	0			
22	4,999.68	20,462	26	5	0	0	0			
23	4,999.73	20,506	44	5	0	0	0			
24	4,999.74	20,515	9	5	0	0	0			
25	4,998.78	20,550	35	5	0	0	0			
26	4,999.85	20,612	62	5	0	0	0			
27	4,999.89	20,647	35	5	0	0	0			
28	4,999.97	20,718	71	5	0	0	0			
29	5,000.21	20,939	221	5	0	0	0			
30	5,000.33	21,045	106	5	0	0	0			
31	5,000.43	21,135	90	5	0	0	0			
Total cfs-days				155	0	0	0	53	208	1,383
Total ac-ft			2,331	307	0	0	0	105	412	2,743

1/ Values not available on a daily basis.

Table 2. Frenchman Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 55,477 ac-ft

March 2014

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs) 2/
				Regulated Release			Spill	Estimated Evaporation And Seepage 2/	Total Outflow 2/	
				Stream-flow Maint.	Water Supply Contract 1/	Water Right 1/				
Feb 28	5,566.73	27,888								
1	5,566.75	27,909	21	2	0	0	0			
2	5,566.75	27,909	0	2	0	0	0			
3	5,566.78	27,940	31	2	0	0	0			
4	5,566.77	27,929	-11	2	0	0	0			
5	5,566.81	27,971	42	2	0	0	0			
6	5,566.83	27,991	20	2	0	0	0			
7	5,566.85	28,012	21	7	0	0	0			
8	5,566.84	28,001	-11	7	0	0	0			
9	5,566.82	27,981	-20	7	0	0	0			
10	5,566.84	28,001	20	7	0	0	0			
11	5,566.83	27,991	-10	7	0	0	0			
12	5,566.82	27,981	-10	7	0	0	0			
13	5,566.83	27,991	10	7	0	0	0			
14	5,566.78	27,940	-51	2	0	0	0			
15	5,566.78	27,940	0	2	0	0	0			
16	5,566.77	27,929	-11	2	0	0	0			
17	5,566.78	27,940	11	2	0	0	0			
18	5,566.78	27,940	0	2	0	0	0			
19	5,566.77	27,929	-11	2	0	0	0			
20	5,566.77	27,929	0	2	0	0	0			
21	5,566.77	27,929	0	2	0	0	0			
22	5,566.77	27,929	0	2	0	0	0			
23	5,566.76	27,919	-10	2	0	0	0			
24	5,566.76	27,919	0	2	0	0	0			
25	5,566.75	27,909	-10	2	0	0	0			
26	5,566.75	27,909	0	2	0	0	0			
27	5,566.75	27,909	0	2	0	0	0			
28	5,566.74	27,899	-10	2	0	0	0			
29	5,566.85	28,012	113	2	0	0	0			
30	5,566.91	28,073	61	2	0	0	0			
31	5,566.92	28,084	11	2	0	0	0			
Total cfs-days				97	0	0	0	62	159	258
Total ac-ft			196	192	0	0	0	123	315	511

1/ Last Chance Creek Water District.

2/ Values not available on a daily basis.

Table 3. Lake Davis

Daily Operation

(in acre-feet except as noted)

Capacity: 84,371 ac-ft

March 2014

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs) 3/
				Regulated Release			Spill	Estimated Evaporation And Seepage 3/	Total Outflow 3/	
				Stream-flow Maint.	Water Right 1/	Water Supply Contract 2/				
Feb 28	5,767.00	55,458								
1	5,767.02	55,522	64	5	0	0	0			
2	5,767.02	55,522	0	5	0	0	0			
3	5,767.06	55,649	127	5	0	0	0			
4	5,767.08	55,713	64	5	0	0	0			
5	5,767.09	55,746	33	5	0	0	0			
6	5,767.17	56,002	256	5	0	0	0			
7	5,767.20	56,099	97	5	0	0	0			
8	5,767.19	56,066	-33	5	0	0	0			
9	5,767.16	55,970	-96	5	0	0	0			
10	5,767.24	56,227	257	5	0	0	0			
11	5,767.20	56,099	-128	5	0	0	0			
12	5,767.22	56,163	64	5	0	0	0			
13	5,767.20	56,099	-64	5	0	0	0			
14	5,767.20	56,099	0	5	0	0	0			
15	5,767.18	56,034	-65	5	0	0	0			
16	5,767.16	55,970	-64	5	0	0	0			
17	5,767.16	55,970	0	5	0	0	0			
18	5,767.15	55,938	-32	5	0	0	0			
19	5,767.13	55,874	-64	5	0	0	0			
20	5,767.13	55,874	0	5	0	0	0			
21	5,767.12	55,842	-32	5	0	0	0			
22	5,767.10	55,778	-64	5	0	0	0			
23	5,767.10	55,778	0	5	0	0	0			
24	5,767.08	55,713	-65	5	0	0	0			
25	5,767.08	55,713	0	5	0	0	0			
26	5,767.09	55,746	33	5	0	0	0			
27	5,767.10	55,778	32	5	0	0	0			
28	5,767.08	55,713	-65	5	0	0	0			
29	5,767.31	56,453	740	5	0	0	0			
30	5,767.35	56,582	129	5	0	0	0			
31	5,767.40	56,744	162	5	0	0	0			
Total cfs-days				155	0	0	0	194	349	997
Total ac-ft			1,286	307	0	0	0	385	692	1,978

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

2/ Includes Plumas County and Grizzly Ranch.

3/ Values not available on a daily basis.

Table 4. Lake Oroville

Daily Operation

Capacity: 3,537, 580 ac-ft (in acre-feet except as noted) **March 2014**

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	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow
Feb 28	719.20	1,407,076										
1	720.31	1,416,257	9,181	1,219	5	0	0	28	0	1,252	0	10,433
2	721.48	1,425,979	9,722	1,062	4	0	0	28	0	1,094	0	10,816
3	723.99	1,446,991	21,012	963	5	0	0	18	0	986	0	21,998
4	726.51	1,468,302	21,311	816	5	0	0	46	0	867	0	22,178
5	728.00	1,481,004	12,702	1,285	5	0	0	23	0	1,313	0	14,015
6	731.53	1,511,403	30,399	584	5	0	0	37	0	626	0	31,025
7	733.56	1,529,074	17,671	595	5	0	0	56	0	656	0	18,327
8	734.90	1,540,817	11,743	614	4	0	0	38	0	656	0	12,399
9	735.84	1,549,092	8,275	1,914	4	0	0	38	0	1,956	0	10,231
10	737.25	1,561,563	12,471	1,053	4	0	0	115	0	1,172	0	13,643
11	738.32	1,571,073	9,510	1,232	4	0	0	96	0	1,332	0	10,842
12	739.15	1,578,478	7,405	1,206	4	0	0	145	0	1,355	0	8,760
13	739.84	1,584,653	6,175	1,138	2	0	0	174	0	1,314	0	7,489
14	740.40	1,589,677	5,024	1,815	0	0	0	102	0	1,917	0	6,941
15	740.92	1,594,352	4,675	1,445	0	0	0	87	0	1,532	0	6,207
16	741.39	1,598,585	4,233	1,226	0	0	0	97	0	1,323	0	5,556
17	741.87	1,602,917	4,332	1,218	0	0	0	121	0	1,339	0	5,671
18	742.27	1,606,534	3,617	1,215	0	0	0	112	0	1,327	0	4,944
19	742.66	1,610,065	3,531	1,291	0	0	0	112	0	1,403	0	4,934
20	742.95	1,612,695	2,630	1,857	0	0	0	157	0	2,014	0	4,644
21	743.31	1,615,963	3,268	1,468	0	0	0	93	0	1,561	0	4,829
22	743.57	1,618,326	2,363	1,433	0	0	0	108	0	1,541	0	3,904
23	743.87	1,621,056	2,730	1,548	0	0	0	98	0	1,646	0	4,376
24	744.15	1,623,607	2,551	1,355	0	0	0	133	0	1,488	0	4,039
25	744.47	1,626,526	2,919	1,266	0	0	0	108	0	1,374	0	4,293
26	744.94	1,630,820	4,294	1,466	0	0	0	25	0	1,491	0	5,785
27	745.28	1,633,931	3,111	1,702	0	0	2	30	0	1,734	0	4,845
28	745.71	1,637,871	3,940	1,618	0	0	0	54	0	1,672	0	5,612
29	749.28	1,670,847	32,976	1,567	0	0	0	25	0	1,592	0	34,568
30	752.19	1,698,071	27,224	1,450	0	0	0	40	0	1,490	0	28,714
31	754.10	1,716,110	18,039	717	0	0	0	194	0	911	0	18,950
Total			309,034	39,338	55	0	2	2,538	0	41,933	0	350,967

1/ Includes bypass flows, leakage, and river valve releases.

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) **March 2014**

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 Bypass 3/	Outflow: Butte County Cal Water	Outflow: Thermalito Water and Sewer	Outflow: Releases To River 4/	Outflow: Hyatt Powerplant Pumpback	Losses (-) And Gains (+)
Feb 28	25,339										
1	25,272	-67	1,219	0	0	22	0	2	1,636	0	374
2	24,957	-315	1,062	0	0	22	0	2	1,603	0	250
3	25,088	131	963	0	0	22	0	2	1,619	0	811
4	24,869	-219	816	0	0	22	0	2	1,587	0	576
5	25,154	285	1,285	0	0	22	0	2	1,593	0	617
6	24,642	-512	584	0	0	22	0	2	1,587	0	515
7	23,857	-785	595	0	0	22	0	2	1,583	0	227
8	23,051	-806	614	0	0	22	0	2	1,589	0	193
9	23,709	658	1,914	0	0	22	0	2	1,583	0	351
10	23,687	-22	1,053	0	0	21	0	2	1,579	0	527
11	23,561	-126	1,232	0	0	22	0	2	1,561	0	227
12	23,415	-146	1,206	0	0	22	0	2	1,555	0	227
13	23,192	-223	1,138	0	0	22	0	2	1,559	0	222
14	23,702	510	1,815	0	0	22	0	2	1,559	0	278
15	23,788	86	1,445	0	0	22	0	2	1,559	0	224
16	23,659	-129	1,226	0	0	22	0	2	1,565	0	234
17	23,444	-215	1,218	0	0	22	0	2	1,589	0	180
18	23,238	-206	1,215	0	0	22	0	2	1,591	0	194
19	23,120	-118	1,291	0	0	22	0	2	1,587	0	202
20	23,521	401	1,857	0	0	22	0	3	1,581	0	150
21	23,521	0	1,468	0	0	22	0	3	1,581	0	138
22	23,598	77	1,433	0	0	22	0	3	1,579	0	248
23	23,708	110	1,548	0	0	22	0	3	1,579	0	166
24	23,607	-101	1,355	0	0	22	0	4	1,581	0	151
25	23,423	-184	1,266	0	0	22	0	4	1,585	0	161
26	23,558	135	1,466	0	0	22	0	4	1,595	0	290
27	23,885	327	1,702	0	0	22	0	4	1,593	0	244
28	24,134	249	1,618	0	0	22	0	4	1,595	0	252
29	24,693	559	1,567	0	0	22	0	4	1,609	0	627
30	24,904	211	1,450	0	0	22	0	4	1,607	0	394
31	24,334	-570	717	0	0	22	0	4	1,605	0	344
Total		-1,005	39,338	0	0	681	0	82	49,174	0	9,594

1/ Sum of Thermalito Forebay and Diversion Pool.

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

3/ Due to Plant outage all flows since November 2012 are bypass.

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

March 2014

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow	Outflow						Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Bypass 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Feb 28	134.88	50,249										
1	134.87	50,208	-41	22	0	0	0	0	123	0	60	1,759
2	134.91	50,371	163	22	0	0	0	0	49	0	190	1,652
3	134.98	50,657	286	22	0	0	0	0	49	0	313	1,668
4	134.99	50,698	41	22	0	0	0	0	49	0	68	1,636
5	135.12	51,232	534	22	0	0	0	0	49	0	561	1,642
6	135.08	51,067	-165	22	0	0	0	0	47	0	-140	1,634
7	135.04	50,903	-164	22	0	0	0	0	45	0	-141	1,628
8	135.04	50,903	0	22	0	0	0	0	45	0	23	1,634
9	135.04	50,903	0	22	0	0	0	0	45	0	23	1,628
10	135.09	51,108	205	21	0	0	0	0	45	0	229	1,624
11	135.08	51,067	-41	22	0	0	0	0	30	0	-33	1,591
12	135.04	50,903	-164	22	0	0	0	0	32	0	-154	1,587
13	135.04	50,903	0	22	0	0	0	0	34	0	12	1,593
14	135.03	50,862	-41	22	0	0	0	0	34	0	-29	1,593
15	135.02	50,821	-41	22	0	0	0	0	34	0	-29	1,593
16	135.02	50,821	0	22	0	0	0	0	34	0	12	1,599
17	134.94	50,494	-327	22	0	0	0	0	32	0	-317	1,621
18	134.92	50,412	-82	22	0	0	1	0	24	0	-79	1,615
19	134.91	50,371	-41	22	0	0	0	0	34	0	-29	1,621
20	134.91	50,371	0	22	0	0	0	0	34	0	12	1,615
21	134.91	50,371	0	22	0	0	1	2	34	0	15	1,615
22	134.93	50,453	82	22	0	0	1	0	34	0	95	1,613
23	134.91	50,371	-82	22	0	0	0	0	34	0	-70	1,613
24	134.91	50,371	0	22	0	0	0	0	34	0	12	1,615
25	134.92	50,412	41	22	0	0	0	0	36	0	55	1,621
26	134.96	50,576	164	22	0	0	0	0	38	0	180	1,633
27	134.92	50,412	-164	22	0	0	0	0	38	0	-148	1,631
28	134.90	50,331	-81	22	0	0	0	0	40	0	-63	1,635
29	134.96	50,576	245	22	0	0	0	0	40	0	263	1,649
30	134.96	50,576	0	22	0	0	0	0	42	0	20	1,649
31	135.00	50,739	163	22	0	0	0	0	42	0	183	1,647
Total			490	681	0	0	3	2	1,280	0	1,094	50,454

1/ Due to Plant outage all flows since November 2012 are bypass.

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

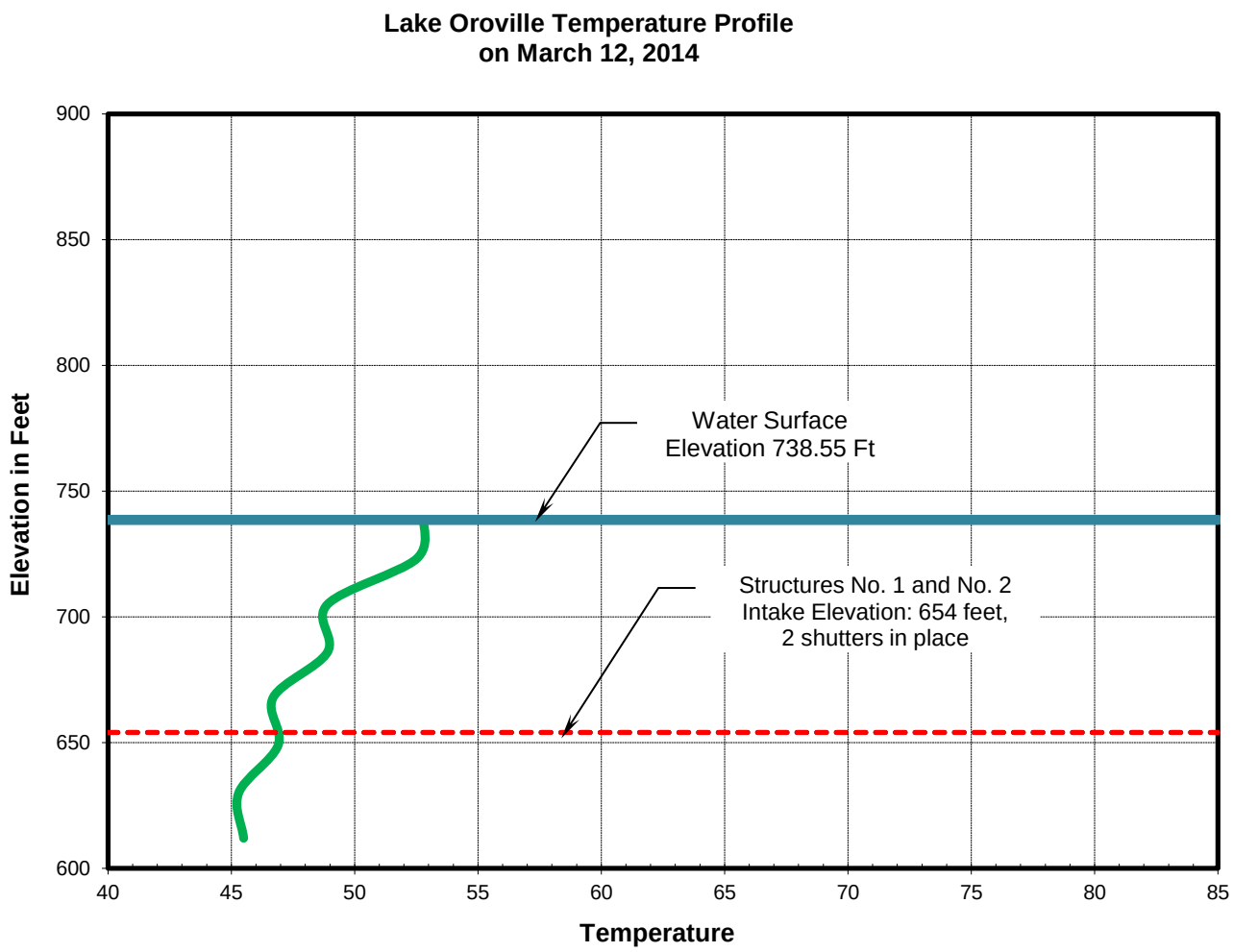
Table 7. Oroville-Thermalito Complex

Water Temperature Data

(in degrees Fahrenheit)

March 2014

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	54.4	47.5
2	54.1	47.2
3	53.6	47.7
4	54.6	47.4
5	54.7	47.6
6	55.2	47.7
7	55.7	48.1
8	56.3	48.4
9	56.6	48.3
10	56.8	48.6
11	55.7	49.8
12	56.4	50.0
13	57.4	49.0
14	57.9	48.7
15	58.4	48.8
16	57.9	48.6
17	57.5	48.5
18	56.1	49.8
19	58.1	49.3
20	58.8	49.2
21	58.3	48.9
22	59.1	48.8
23	59.5	49.0
24	59.3	49.1
25	57.7	48.8
26	56.8	48.6
27	56.5	48.5
28	57.1	48.7
29	56.9	48.8
30	56.7	49.7
31	55.8	49.3



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 mid-day and upstream from Oroville Dam.

Table 8. North Bay Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet) **March 2014**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diversions	Deliveries Table A	Permit	Article 21	Article 56C	Settlement Water Balanced	Excess
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	1,101						
		Travis Surge Tank	8.78								
			8.80	Solano County Water Agency Travis AFB	1		1				
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	92		43	49			
				Solano County Water Agency Fairfield / Vacaville 42"	98			45	53		
2			17.00	Solano County Water Agency Central Solano	Stub						
3A		Cordelia Forebay	21.23		0						
		Cordelia Pumping Plant & Cordelia Spillway	21.30		870						
	2	Napa Pipeline	21.33	Solano County Water Agency Vallejo	65		65				
				Solano County Water Agency Benicia	0						
3B		Cordelia Surge Tank	23.33		0						
		Creston Surge Tank Connection	25.65		0						
			26.95	Napa County Flood Control & WCD American Canyon 2	0						
			27.27	Napa County Flood Control & WCD American Canyon 3	0						
		Napa Terminal Tank	27.58	City of Napa	655			280	375		
			27.60	Napa County Flood Control & WCD American Canyon 1	150		110	40			

Table 9. Delta Field Division Plant Data

(in acre-feet)

March 2014

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	29	28	2,559	2,559	0	0	381	198	0	0
2	37	34	4,048	4,048	0	0	381	202	0	0
3	33	33	4,222	4,222	0	0	402	202	0	0
4	28	29	6,000	6,000	0	0	523	202	0	0
5	29	29	3,797	3,797	0	0	503	202	0	0
6	39	37	4,661	4,661	0	0	424	202	0	0
7	28	24	8,185	8,185	0	0	428	202	0	0
8	33	26	7,432	7,432	0	0	522	202	0	0
9	40	33	6,990	6,990	0	0	518	193	0	0
10	38	34	6,041	6,041	0	0	540	202	0	0
11	41	32	7,618	7,618	0	0	540	202	0	0
12	40	33	6,386	6,386	0	0	539	202	0	0
13	46	38	5,067	5,067	0	0	428	201	0	0
14	44	35	5,586	5,586	0	0	434	202	0	0
15	59	38	8,015	8,015	0	0	568	202	0	0
16	58	34	6,888	6,888	0	0	603	201	0	0
17	58	34	4,053	4,053	0	0	518	184	0	0
18	58	32	4,448	4,448	0	0	312	102	0	0
19	59	35	2,915	2,915	0	0	318	101	0	0
20	47	40	1,919	1,919	0	0	351	100	0	0
21	62	40	2,191	2,191	0	0	378	10	0	0
22	61	51	2,191	2,191	0	0	318	102	0	0
23	69	68	1,381	1,381	0	0	358	202	0	0
24	19	25	1,381	1,381	0	0	517	202	0	0
25	0	0	1,381	1,381	0	0	545	201	0	0
26	2	0	2,008	2,008	0	0	203	166	0	0
27	0	0	1,475	1,475	0	0	306	201	0	0
28	4	0	1,290	1,290	0	0	452	201	0	0
29	12	4	2,125	2,125	0	0	562	201	0	0
30	0	0	1,290	1,290	0	0	349	201	0	0
31	28	24	744	744	0	0	349	201	0	0
Total	1,101	870	124,287	124,287	0	0	13,570	5,594	0	0

Table 10. Clifton Court Forebay

Daily Operation of Gates

March 2014

Date	Time										Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	03:00	11:30									1,377
2	03:45	17:00	18:45								4,950
3		01:15	04:15	17:45	20:45	23:07					4,359
4	00:10	06:00	09:00	14:45	18:50	21:22					4,354
5	00:22	15:45	18:45	21:55							5,537
6	00:01	07:30	10:45	16:30	19:30	22:35					4,945
7	00:01	08:30	11:15	17:45	20:45	21:55					6,919
8	00:01	09:30	12:00	19:00	22:00	23:00					6,917
9	00:01	10:40	13:15	20:00	23:00						6,646
10		15:44									6,934
11	00:01	13:00	15:20	17:00							6,940
12	00:45	12:38									5,939
13	01:30	13:25	17:50	21:13							7,328
14	02:00	12:40	17:30	23:00							6,927
15	00:01	00:05	02:30	15:45	18:15	21:15					6,939
16	03:00	16:15	19:00	21:15							6,522
17	00:01	00:30	03:30	08:45	09:30	12:35					4,146
18	00:01	05:00	07:50	13:30							4,529
19	00:01	05:30	08:30	11:30							2,952
20	00:01	06:00	09:30	13:00							2,948
21	00:01	05:40									2,368
22	00:01	03:07									2,363
23	00:01	02:37									1,381
24	00:01	03:30									1,367
25	00:01	02:26	10:45	11:15	13:45	14:50					1,980
26	00:01	04:45									1,969
27	00:30	05:30									1,377
28	01:10	05:00									1,386
29	01:45	05:15									1,372
30	04:00	08:30									1,376
31	00:01	04:15									1,372
										Total inflow for the month in AF:	126,419

Table 11. Governor Edmund G. Brown California Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet) **March 2014**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries Table A	USBR	Local	Article 56C	Dry Year Purchase
1A			1.83	Byron-Bethany I.D.	1,989			1,989		
1	1	Banks Pumping Plant	3.32		124,287					
2A		South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aqueduct)	13,570					
		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)	9.10	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	38		38			
		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	5				5	
			42.90	Western Hills WD	25				25	
			43.81	Oak Flat Water District-B	0					
			44.64	Oak Flat Water District-C	37				37	
2B		Check No. 8	45.97							
	9		46.18	Oak Flat Water District-D	50				50	
				Oak Flat Totals:	92	0	0	0	92	0
		Check No. 9	51.30							
	10	Check No. 10	56.86							
	11	Check No. 11	61.40							
	12		66.14	Veteran's Cemetery	9		9			
		Check No. 12	66.71		111,081					

Table 12. South Bay Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

March 2014

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries Table A	Article 56C	Article 14B	Other	Rec.
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	13,570					
			3.17	Granite - Vasco Rd. (Temp.)	0					
			3.18	Oakland Scavenger Zone 7	6		6			
		Check No. 1	3.91							
	2	Check No. 2	5.21							
	3		7.15	Zone 7 Altamont	0					
2		Check No. 3	9.49	Zone 7 Patterson Storage Exchange	0					
				Zone 7 Patterson Project Water	723		723			
4	4	Check No. 4	10.68							
	5	Check No. 5	12.29							
	6		13.55	Zone 7 Wente #1	37		37			
			14.16	Zone 7 Wente #2	4		4			
			14.31	Ising Project Water	13		13			
		Check No. 6	14.65							
	7		14.78	Zone 7 Arroyo Mocho Project Water	385		385			
		Check No. 7	16.38							
	8		16.57	Zone 7 Wente #3	0					
			16.63	Zone 7 Wente #4	13		13			
			16.69	Zone 7 Norman Nursery	0					
			16.70	Zone 7 Concannon Project Water	9		9			
5		Del Valle Branch Pipeline Junction	18.63	Pumped into Lake Del Valle	5,594					
				Pumped into South Bay Aqueduct	0					
				Gravity into South Bay Aqueduct	0					
		Deliveries through Del Valle Branch Pipeline		Arroyo Valle #1 & #2 Storage Exchange:	0					
				Project Water	154		154			
				Storage Released	0					
				Inflow Release	0					
				East Bay Regional Park Dist. Del Valle Recreation	3					3
				Zone 7 Wente #5	22		22			
6			19.20	So. Livermore Project	1,392		1,392			
				So. Livermore Inflow Released	0					
				So. Livermore Stored Exchanged	0					
			19.21	Zone 7 - Kalthrof Detjens	18		18			
7		La Costa Tunnel	22.50	ACWD Vallecitos Project Water	1,176		1,176			
			25.97	City of San Francisco San Antonio	0					
8		Mission Tunnel	28.97	ACWD - Bayside 1 & 2 Project Water	863		863			
				Storage Released	0					
				Storage Exchange:	0					
9		Santa Clara Pipeline	35.86	S.C.V.W.D. Meter	3,151		3,051		1/ 100	

1/ Transfer of Article 56C carryover.

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,111 ac-ft (in acre-feet except as noted) **March 2014**

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct	Recreation Deliveries 2/	Evaporation	Total Outflow	
Feb 28	693.69	33,665									
1	694.04	33,888	222	27	198	0	0	1	2	3	0.06
2	694.38	34,105	217	21	202	0	0	1	5	6	0.00
3	694.70	34,309	205	5	202	0	0	1	1	2	0.03
4	695.01	34,509	199	-2	202	0	0	0	1	1	0.12
5	695.33	34,715	206	7	202	0	0	0	2	2	0.00
6	695.64	34,916	201	1	202	0	0	0	3	3	0.12
7	695.95	35,117	201	3	202	0	0	0	4	4	0.00
8	696.20	35,281	164	-32	202	0	0	0	6	6	0.00
9	696.52	35,492	210	23	193	0	0	0	6	6	0.00
10	696.82	35,689	198	1	202	0	0	0	5	5	0.06
11	697.08	35,861	172	-25	202	0	0	0	5	5	0.00
12	697.37	36,054	192	-2	202	0	0	0	8	8	0.00
13	697.66	36,247	193	1	201	0	0	0	9	9	0.00
14	697.90	36,407	160	-33	202	0	0	0	9	9	0.00
15	698.20	36,608	201	3	202	0	0	0	4	4	0.00
16	698.47	36,789	181	-12	201	0	0	0	7	7	0.00
17	698.70	36,944	155	-19	184	0	0	0	10	10	0.00
18	698.85	37,045	101	8	102	0	0	0	8	8	0.00
19	698.98	37,133	88	-5	101	0	0	0	8	8	0.00
20	699.11	37,221	88	-3	100	0	0	0	9	9	0.00
21	699.10	37,215	-7	-11	10	0	0	0	5	5	0.00
22	699.24	37,309	95	0	102	0	0	0	7	7	0.00
23	699.51	37,493	183	-12	202	0	0	0	7	7	0.00
24	699.79	37,684	191	-4	202	0	0	0	8	8	0.00
25	700.07	37,875	191	-1	201	0	0	0	9	9	0.00
26	700.32	38,047	171	8	166	0	0	0	2	2	0.09
27	700.59	38,232	186	-11	201	0	0	0	4	4	0.34
28	700.87	38,425	193	-4	201	0	0	0	4	4	0.00
29	701.18	38,640	215	18	201	0	0	0	4	4	0.00
30	701.48	38,848	208	8	201	0	0	0	1	1	0.38
31	701.81	39,078	230	35	201	0	0	0	6	6	0.00
Total			5,412	-10	5,594	0	0	3	169	172	1.20

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

2/ To East Bay Regional Park District.

3/ To East Bay Regional Park District.

NR=No Records

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

March 2014

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

Capacity 56,430 ac-ft

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

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/	
Feb 28	220.29	43,905										
1	221.81	47,887	3,982	0	827	0	1,188	0	0	0	1	-6
2	222.47	49,634	1,747	0	1,252	0	1,918	0	2,200	0	1	-88
3	223.66	52,813	3,179	0	1,857	0	1,585	0	1,293	637	1	92
4	224.07	53,915	1,102	0	2,223	0	3,066	0	4,605	0	1	-127
5	222.12	48,703	-5,212	0	2,539	0	1,370	0	5,862	366	1	-308
6	220.55	44,583	-4,120	0	2,937	0	2,110	0	7,010	0	1	-113
7	221.93	48,203	3,620	0	3,181	0	4,004	0	4,753	419	1	-187
8	222.86	50,673	2,470	0	3,268	0	3,428	0	5,329	0	1	-121
3/ 9	218.67	39,750	-10,923	0	3,355	0	3,210	0	11,031	889	1	-391
10	220.25	43,801	4,051	0	3,300	0	2,585	0	3,478	322	1	-42
11	220.68	44,923	1,122	0	3,148	0	3,548	0	5,796	107	1	-226
12	220.46	44,348	-575	0	2,925	0	2,932	0	5,867	323	2	45
13	221.47	46,994	2,646	0	2,982	0	2,401	0	3,475	579	2	7
14	222.98	50,993	3,999	0	2,766	0	2,852	0	2,936	527	2	-137
15	223.12	51,367	374	0	2,474	0	3,693	0	4,898	867	2	-211
16	219.89	42,867	-8,500	0	3,177	0	3,354	0	10,393	447	2	26
17	220.48	44,400	1,533	0	3,132	0	1,773	0	3,805	416	2	91
18	222.20	48,916	4,516	0	3,111	0	1,876	0	2,217	376	2	-115
19	222.74	50,353	1,437	0	3,098	0	1,324	0	3,458	332	2	94
20	222.67	50,166	-187	0	2,530	0	1,320	0	3,190	649	2	-103
21	222.13	48,730	-1,436	0	1,214	0	951	0	2,217	599	2	-71
22	221.56	47,230	-1,500	0	588	0	1,121	0	1,816	760	2	113
23	219.92	42,945	-4,285	0	592	0	531	0	2,390	827	3	-63
24	219.74	42,480	-465	0	595	0	567	0	797	601	3	5
25	219.58	42,067	-413	0	610	0	436	0	597	601	3	-53
26	220.39	44,166	2,099	0	550	0	823	0	0	437	3	125
27	220.65	44,844	678	0	579	0	568	0	0	663	2	-140
28	220.82	45,289	445	0	507	0	527	0	0	870	2	62
29	221.03	45,839	550	0	605	0	188	0	0	494	2	-20
30	221.03	45,839	0	0	671	0	785	0	1,155	384	2	85
31	220.02	43,204	-2,635	0	760	0	102	0	1,669	466	1	-54
Total			-701	0	61,353	0	56,136	0	102,237	13,958	54	-1,831
Mean cfs				0	1,979	0	1,811	0	3,298	450	2	-59
Acre-feet			-701	0	121,418	0	111,081	0	201,878	27,616	107	-3,599

1/ Pump-in located at Mile 79.67R.

2/ Includes 0 AF delivered to DFG at O'Neill Forebay, 0 AF to Parks & Rec., 0 Af to the Cattle Program, and 107 AF to San Luis Water District.

3/ Time change; 23 hour day; the factor for converting CFS/AF is 1.9008 on March 9th.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

March 2014

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

Capacity: 2,027,835 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)	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.	
Feb 28	418.28	675,615						
1	418.26	675,440	-175	0	0	208	0	120
2	418.58	678,242	2,802	2,200	0	208	0	-579
3	418.77	679,907	1,665	1,293	0	209	0	-245
4	419.92	690,021	10,114	4,605	0	210	0	704
5	421.18	701,167	11,146	5,862	0	210	0	-33
6	422.69	714,611	13,444	7,010	0	233	0	1
7	423.65	723,209	8,598	4,753	0	273	0	-145
8	424.71	732,746	9,537	5,329	0	296	0	-225
2/ 9	426.97	753,208	20,462	11,031	0	302	0	36
10	427.64	759,309	6,101	3,478	0	290	0	-112
11	428.81	770,004	10,695	5,796	0	286	0	-118
12	429.94	780,382	10,378	5,867	0	291	0	-344
13	430.58	786,280	5,898	3,475	0	302	0	-199
14	431.14	791,454	5,174	2,936	0	300	0	-27
15	432.06	799,979	8,525	4,898	0	298	0	-302
16	434.16	819,554	19,575	10,393	0	290	0	-234
17	434.87	826,208	6,654	3,805	0	299	0	-151
18	435.25	829,778	3,570	2,217	0	302	0	-115
19	435.85	835,424	5,646	3,458	0	294	0	-318
20	436.42	840,800	5,376	3,190	0	302	0	-178
21	436.80	844,390	3,590	2,217	0	305	0	-102
22	437.15	847,702	3,312	1,816	0	302	0	156
23	437.52	851,207	3,505	2,390	0	294	0	-329
24	437.64	852,345	1,138	797	0	301	0	78
25	437.92	855,003	2,658	597	0	330	0	1,073
26	437.87	854,528	-475	0	0	337	0	98
27	437.78	853,674	-854	0	0	306	0	-125
28	437.70	852,914	-760	0	0	301	0	-82
29	437.64	852,345	-569	0	0	266	0	-21
30	437.67	852,630	285	1,155	0	253	0	-758
31	438.03	856,047	3,417	1,669	0	243	0	297
Total			180,432	102,237	0	8,641	0	-2,179
Mean cfs				3,298	0	279	0	-70
Acre-feet			180,432	201,878	0	17,117	0	-4,329

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 14,023 AF, Casa De Fruta 0 AF, and San Benito 3,094 AF.

2/ Time change; 23 hour day; the factor for converting CFS/AF is 1.9008 on March 9th.

Table 16. San Luis Field Division Plant Data

(in acre-feet) **March 2014**

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	0	0	0	0	0	0	412
2	0	0	0	0	4,364	-47	412
3	1,264	1,264	0	0	2,564	680	459
4	0	0	0	0	9,134	2,902	372
5	726	726	0	0	11,628	6,571	416
6	0	0	0	0	13,905	8,118	463
7	832	832	0	0	9,427	2,622	542
8	0	0	0	0	10,570	5,954	587
9	1,689	1,689	0	0	20,968	7,954	574
10	639	639	0	0	6,899	2,306	575
11	213	213	0	0	11,496	6,989	568
12	640	640	0	0	11,637	7,074	578
13	1,149	1,149	0	0	6,893	2,308	600
14	1,046	1,046	0	0	5,824	1,255	596
15	1,719	1,719	0	0	9,716	5,184	592
16	886	886	0	0	20,614	7,179	576
17	826	826	0	0	7,547	3,005	593
18	745	745	0	0	4,397	-96	600
19	658	658	0	0	6,858	3,771	584
20	1,287	1,287	0	0	6,328	1,807	599
21	1,189	1,189	0	0	4,398	2,752	604
22	1,508	1,508	0	0	3,603	1,978	600
23	1,641	1,641	0	0	4,741	36	583
24	1,193	1,193	0	0	1,580	-1	597
25	1,192	1,192	0	0	1,185	3	654
26	867	867	0	0	0	0	668
27	1,315	651	0	0	0	0	606
28	1,726	1,027	0	0	0	0	598
29	980	312	0	0	0	0	527
30	762	94	0	0	2,291	658	501
31	924	252	0	0	3,311	2,102	481
Total	27,616	24,245	0	0	201,878	83,064	17,117

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

March 2014

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 34,560 ac-ft

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	
Feb 28	316.51	15,634					
1	316.54	15,646	12	6	0	0	0
2	316.52	15,638	-8	0	0	0	-8
3	316.52	15,638	0	0	0	0	0
4	316.55	15,651	13	7	0	0	-1
5	316.56	15,655	4	2	0	0	0
6	316.53	15,642	-13	0	0	0	-13
7	316.53	15,642	0	0	0	0	0
8	316.52	15,638	-4	0	0	0	-4
9	316.53	15,642	4	2	0	0	0
10	316.51	15,634	-8	0	0	0	-8
11	316.50	15,630	-4	0	0	0	-4
12	316.49	15,626	-4	0	0	0	-4
13	316.49	15,626	0	0	0	0	0
14	316.47	15,618	-8	0	0	0	-8
15	316.46	15,614	-4	0	0	0	-4
16	316.46	15,614	0	0	0	0	0
17	316.44	15,606	-8	0	0	0	-8
18	316.42	15,597	-9	0	0	0	-9
19	316.42	15,597	0	0	0	0	0
20	316.42	15,597	0	0	0	0	0
21	316.42	15,597	0	0	0	0	0
22	316.42	15,597	0	0	0	0	0
23	316.38	15,581	-16	0	0	0	-16
24	316.37	15,577	-4	0	0	0	-4
25	316.36	15,573	-4	0	0	0	-4
26	316.33	15,561	-12	0	0	0	-12
27	316.32	15,557	-4	0	0	0	-4
28	316.33	15,561	4	2	0	0	0
29	316.35	15,569	8	4	0	0	0
30	316.35	15,569	0	0	0	0	0
31	316.33	15,561	-8	0	0	0	-8
Total			-73	23	0	0	-119
Mean cfs				1	0	0	
Acre-feet			-73	46	0	0	-119

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

March 2014

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	
Feb 28	599.70	669					
1	Not Observed	669	0	0	0	0	0
2	Not Observed	669	0	0	0	0	0
3	Not Observed	669	0	0	0	0	0
4	Not Observed	669	0	0	0	0	0
5	Not Observed	669	0	0	0	0	0
6	Not Observed	669	0	0	0	0	0
7	559.70	669	0	0	0	0	0
8	Not Observed	669	0	0	0	0	0
9	Not Observed	669	0	0	0	0	0
10	Not Observed	669	0	0	0	0	0
11	Not Observed	669	0	0	0	0	0
12	Not Observed	669	0	0	0	0	0
13	Not Observed	669	0	0	0	0	0
14	599.70	669	0	0	0	0	0
15	Not Observed	669	0	0	0	0	0
16	Not Observed	669	0	0	0	0	0
17	Not Observed	669	0	0	0	0	0
18	Not Observed	669	0	0	0	0	0
19	Not Observed	669	0	0	0	0	0
20	Not Observed	669	0	0	0	0	0
21	599.70	669	0	0	0	0	0
22	Not Observed	669	0	0	0	0	0
23	Not Observed	669	0	0	0	0	0
24	Not Observed	669	0	0	0	0	0
25	Not Observed	669	0	0	0	0	0
26	Not Observed	669	0	0	0	0	0
27	Not Observed	669	0	0	0	0	0
28	599.60	664	-5	0	0	0	-5
29	Not Observed	664	0	0	0	0	0
30	Not Observed	664	0	0	0	0	0
31	599.80	675	11	6	0	0	-1
Total			6	6	0	0	-6
Mean cfs				0	0	0	
Acre-feet			6	12	0	0	-6

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet) **March 2014**

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries			
	Beginning and Ending					USBR	Transfer	DWR Recreation	USBR Recreation
	No.	Structure	Mile						
2B	12	Check No. 12	66.71		111,081				
3A		San Luis Reservoir		Department of Parks and Recreation					
				San Felipe Division Santa Clara Water District	14,023	14,023			
				Casa de Fruita Santa Clara Water District	0				
				San Felipe Division San Benito Water District	3,094	3,094			
				Reach 3A Subtotal:	17,117	17,117	0	0	0
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation					
				Cattle Program	0				
				Department of Fish & Game	0				
			70.91 Thru 85.08	San Luis Water District	107	107			
				(Floodwater Inflow)					
				Reach 3 Subtotal:	107	107	0	0	0
		Dos Amigos Pumping Plant	86.73		27,616				
4	14		89.03 Thru 94.06	San Luis Water District	3,153	3,153			
			89.66 Thru 89.67	Pacheco Water District	705	705			
			89.68	Panoche Water District	26	26			
			89.70	City of Dos Palos	126	126			
		Check No. 14	95.06						
	15		98.15 Thru 104.20	San Luis Water District	459	459			
			96.15 Thru 102.64	Panoche Water District	635	635			
				(Floodwater Inflow)					
			102.64	Broadview Water District	0				
			105.22 Thru 108.64	Westlands Water District	1,140	1,140			
		Check No.15	108.50						
				Reach 4 Subtotal:	6,244	6,244	0	0	0
				San Felipe Division Total:	17,117	17,117	0	0	0
				Pacheco Water District Total:	705	705	0	0	0
				Broadview Water District Total:	0	0	0	0	0
				City of Dos Palos Total:	126	126	0	0	0
				SLWD Reach 4 Subtotal:	3,612	3,612	0	0	0
				Panoche Water District Total:	661	661	0	0	0
				SLWD Total:	3,719	3,719	0	0	0
				Westlands WD Reach 4 Subtotal:	1,140	1,140	0	0	0

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

March 2014

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	1,357	1,357			
				Dept. of Fish and Game @ Lat. 4L	0				
				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	508	508			
		Check No. 17	132.95						
	18		133.81 Thru 142.61	Westlands Water District	1,534	1,534			
		Pleasant Valley Pumping Plant	143.16	Westlands Water District	1,735	1,735			
			143.16	City of Coalinga	264	264			
		Check No. 18	143.23						
				Reach 5 Subtotal:	5,398	5,398	0	0	0
6	19		145.26 Thru 151.19	GWF Energy	0				
				City of Huron	0				
				Kings County to Lemoore NAS Through WWD	77		1/ 77		
				Kings County through WWD 30L	0				
				Westlands Water District	1,215	1,215			
		Check No. 19	155.64						
				Reach 6 Subtotal:	1,292	1,215	77	0	0
7	20		156.34	City of Huron	64	64			
			156.40 Thru 163.69	SWP Construction @ Lat. 24R	0				
				Westlands Water District	832	832			
		Check No. 20	164.69						
	21		164.79	City of Avenal	165	165			
			167.04 Thru 171.67	Westlands Water District	506	506			
		Check No. 21	172.40		11,380				
				Reach 7 Total:	1,567	1,567	0	0	0
				2/ SWP Const. / GWF Energy	0	0	0	0	0
				Westlands WD Total:	8,827	8,827	0	0	0
				City of Coalinga Total:	264	264	0	0	0
				City of Huron Total:	64	64	0	0	0
				Kings County to Lemoore NAS Through WWD	77	0	77	0	0
				City of Avenal Total:	165	165	0	0	0
				Total San Luis Field Division Deliveries:	31,725	31,648	77	0	0

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

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

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

Daily Operations

March 2014

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	
Feb 28	27,871								
1	27,469	-402	0	0	38	12	110	132	89
2	27,358	-111	0	0	38	12	110	14	118
3	28,195	837	0	637	38	12	110	239	184
4	27,865	-330	0	0	38	12	110	94	88
5	27,790	-75	0	366	38	12	110	138	-106
6	27,450	-340	0	0	38	6	110	135	118
7	27,430	-20	0	419	38	5	110	158	-119
8	26,928	-502	0	0	38	5	110	130	29
9	28,078	1,150	0	852	38	5	110	320	201
10	28,211	133	0	322	38	5	110	121	19
11	27,680	-531	0	107	38	5	110	40	-181
12	27,597	-83	0	323	38	5	110	121	-90
13	27,718	121	0	579	96	10	169	218	-25
14	27,618	-100	0	527	96	10	170	198	-103
15	27,879	261	0	867	96	10	170	326	-134
16	27,710	-169	0	447	96	10	170	168	-88
17	27,632	-78	0	416	96	10	170	156	-23
18	27,473	-159	0	376	96	10	170	141	-39
19	27,023	-450	0	332	96	10	170	125	-158
20	27,004	-19	0	649	96	11	197	244	-111
21	26,718	-286	0	599	96	11	197	225	-214
22	26,747	29	0	760	96	11	198	286	-155
23	27,266	519	0	827	96	11	198	311	51
24	27,263	-3	0	601	96	11	198	226	-72
25	27,164	-99	0	601	96	11	198	226	-120
26	26,840	-324	0	437	96	11	198	164	-131
27	27,025	185	0	663	88	18	169	249	-45
28	27,573	548	0	870	88	18	169	327	8
29	27,629	56	0	494	88	18	169	186	-5
30	27,745	116	0	384	88	18	169	144	94
31	28,126	381	0	466	88	18	169	175	176
Total		255	0	13,921	2,240	333	4,738	5,737	-744
Mean cfs			0	449	72	11	153	185	-24
Acre-feet		255	0	27,616	4,443	661	9,397	11,380	-1,480

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

2/ Includes 705 AF to Pacheco W.D., 126 AF to the City of Dos Palos and 3,612 AF to San Luis Water District.

3/ Includes 64 AF to the City of Huron, 165 AF to the City of Avenal, 264 AF to the City of Coalinga, 0 AF to City of Huron P&R @ 22R, 77 AF to Lemoore N.A.S. @29L, 0 AF GWF @ 30L, 0 F to Kings County @ 30L, 0 AF to Broadview WD @ 3L, 0 AF to DFG @ 4L, 0 AF to Pilibos Wildlife @ 4L, 0 AF Mendota Water Fowl Habitat Area @ 6L, 0 AF DWR Water Truck @ 22R, 0 AF to DFG @ 7L, 0 AF Non-Project Water, 8,827 AF to Westlands Water District.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet) **March 2014**

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	38	32	41	37	43	1,313	1,693	1,665	1,726
2	70	75	93	61	75	1,895	2,367	2,279	2,318
3	76	80	65	58	67	1,591	1,913	1,898	1,945
4	78	76	62	56	64	947	1,416	1,415	1,296
5	173	176	88	77	88	1,930	1,924	1,889	1,856
6	101	108	70	73	77	1,522	1,579	1,547	1,499
7	97	107	73	68	74	1,513	1,322	1,278	1,260
8	88	99	80	70	80	1,129	1,864	1,887	1,784
9	68	82	77	69	79	1,121	1,100	1,115	1,103
10	111	118	71	70	76	1,308	1,563	1,460	1,520
11	141	149	76	69	77	1,198	1,196	1,125	1,137
12	58	60	18	17	20	1,555	1,330	1,320	1,289
13	134	131	47	42	48	1,707	1,356	1,315	1,160
14	130	144	78	72	80	1,660	1,451	1,390	1,404
15	161	181	66	59	69	1,804	1,670	1,505	1,520
16	137	145	79	72	79	1,790	1,621	1,565	1,520
17	86	90	72	64	74	1,488	1,411	1,211	1,267
18	175	233	86	74	86	1,330	1,092	1,070	1,023
19	208	237	84	75	85	1,233	863	738	652
20	149	146	70	64	71	1,228	995	935	933
21	184	180	80	69	81	1,467	1,051	966	922
22	238	251	93	84	89	1,260	1,396	1,279	1,223
23	194	192	70	63	70	1,260	1,202	1,174	1,193
24	104	103	90	84	94	1,185	1,141	1,020	1,065
25	160	162	84	77	87	1,528	1,276	1,167	1,108
26	149	207	83	74	85	1,391	1,169	1,128	1,029
27	173	171	81	72	81	1,388	1,047	971	969
28	152	146	90	82	91	1,364	853	839	780
29	103	100	81	74	81	1,292	1,296	1,221	1,212
30	94	108	81	73	81	1,212	1,183	1,129	1,150
31	73	79	73	66	74	1,171	1,067	1,029	947
Total	3,903	4,168	2,302	2,065	2,326	43,780	42,407	40,530	39,810

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet) **March 2014**

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		11,380					
8C	22		172.66	Empire West Side ID TL - A	0					
				County of Kings TL - A	0					
				Tulare Lake Basin WSD TL-A	121				121	
8D			175.18	Dudley Ridge WD - 1	0					
			177.54	Dudley Ridge WD - 1B	91				91	
			180.64	Tulare Lake Basin WSD - C	0					
			180.65	Dudley Ridge WD - 1A	18				18	
			182.99	Dudley Ridge WD - 2	0					
			183.00	Tulare Lake Basin WSD TL - B	0					
				County of Kings TL-B	0					
			184.00	Dudley Ridge WD - Paramount	1				1	
31A			184.63	Coastal Branch	3,903					
8D			184.78	Dudley Ridge WD - 3	0				0	
				Dudley Ridge Reach 8D Total:	110	0	0	0	110	0
				Tulare Lake Basin WSD Total:	121	0	0	0	121	0
		Check No. 22	184.82							
9	23		189.69	Kern County Water Agency Lost Hills Water Dist. - 1	740			740		
			191.18	Kern County Water Agency Lost Hills Water Dist. - 2	138			138		
			194.22	Kern County Water Agency Lost Hills Water Dist. - 3	0					
			196.40	Kern County Water Agency Berrenda Mesa - 2	236			236		
			196.75	Kern County Water Agency Lost Hills Water Dist. - 4	83			83		
				K.C.W.A. Reach 9 Subtotal:	1,197	0	0	1,197	0	0
		Check No. 23	197.05							
10A	24		201.24	Kern County Water Agency Lost Hills Water Dist. - 7	382			382		
			202.05	Kern County Water Agency Lost Hills Water Dist. - 5	485			485		
			205.26	Kern County Water Agency Lost Hills Water Dist. - 8	2			2		
			206.99	Kern County Water Agency Semitropic WSD - 3	46			46		
		Check No. 24	207.94							
	25		209.71	Kern County Water Agency Belridge Water Storage Dist. - 1A	207			207		
			209.78	Kern National Wildlife Refuge USBR BV-1B	0					
				Kern County Water Agency Buena Vista WSD 1B	0					
			209.80	KCWA Semitropic WSD	0					
				KCWA Semitropic WSD Penstocks	0					
				USBR Total:	0		0			
				K.C.W.A. Reach 10A Subtotal:	1,122	0	0	1,122	0	0

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet) **March 2014**

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	122			122		
			216.62	Kern County Water Agency Belridge - 4	0					
			217.13	Kern County Water Agency Belridge - 5A-C	1,975			1,975		
				Kern County Water Agency Belridge - 5D	123			123		
		Check No. 25	217.79							
				K.C.W.A. Reach 11B Subtotal:	2,220	0	0	2,220	0	0
12D	26		219.58	Kern County Water Agency Belridge - 6	0					
				Kern County Water Agency West Kern - 3	416			416		
		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		43,780					
				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	143			143		

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.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet) **March 2014**

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	326			326		
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4	1,004			1,004		
		Check No. 32	261.72							
				KCWA Reach 14A Subtotal:	1,473	0	0	1,473	0	0
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	1,934			1,934		
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	160			160		
		Check No. 33	267.36							
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	586			586		
		Check No. 34	271.27							
				Reach 14B Total:	2,680	0	0	2,680	0	0
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	731			731		
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	595			595		
			277.30	Kern County Water Agency Arvin-Edison WSD	0					
				Reach 14C Total:	1,326	0	0	1,326	0	0
15A		Teerink Pumping Plant	278.13		42,407					
	36		279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	123			123		
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10	250			250		
				Reach 15-A Total:	373	0	0	373	0	0
16A		Chrisman Pumping Plant	280.36		40,530					
	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	11			11		
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	15			15		
			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	87			87		
		Check No. 39	290.21							
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	448			448		
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	80			80		
				Kern County Water Agency Tehachapi Cummings CWD	0			0		
				K.C.W.A. Reach 16A Subtotal:	641	0	0	641	0	0
17E		Edmonston Pumping Plant	293.45		39,810					

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet) **March 2014**

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		3,903					
		Las Perillas Pumping Plant	1.16		3,903					
	C-2		3.79	Green Valley Water District	0					
		Badger Hill Pumping Plant	4.27		4,168					
	C-3	Coastal Check No. 3	7.21							
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	0					
		Coastal Check No. 4	9.34							
	C-5	Coastal Check No. 5	12.20							
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	0					
			14.83	Kern County Water Agency Berrenda Mesa - 1	1,492			1,492		
				Kern County Water Agency Berrenda Mesa - PO	0					
		Devil's Den Pumping Plant	14.86		2,302					
				K.C.W.A. Reach 31A Subtotal:	1,492	0	0	1,492	0	0
				K.C.W.A. Total:	12,940	0	0	12,940	0	0
33A	C-7	Bluestone Pumping Plant	19.05		2,065					
	C-8	Polonio Pass Pumping Plant	26.54		2,326					
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant						
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	1,791			1,584		1/ 207
		Tank Site 2	58.63	Central Coast:	0					
	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	481			481		
34		Energy Dissipater	78.12							
	C-12	Lopez T.O.	85.86	SLOCFC & WCD	0					
				CCWA Total:	2,272	0	0	2,065	0	207
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/ Exchange of Article 56C carryover.

Table 24. Southern Field Division Plant Data

(in acre-feet)

March 2014

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	1,850	1,912	0	0	1,958	0	0	8	0	0	0	4	0	152	0	0	0
2	1,909	1,321	0	0	2,901	0	313	0	0	276	19	0	0	162	0	0	0
3	1,914	2,965	0	0	3,030	0	0	10	0	0	54	0	0	165	0	0	0
4	1,296	676	0	0	2,045	0	0	4	0	0	0	11	0	142	0	0	0
5	2,015	1,946	0	0	1,701	0	0	0	0	0	0	11	0	134	0	0	0
6	1,487	2,132	0	0	1,480	0	0	0	0	0	0	9	0	154	0	0	0
7	1,220	1,247	0	0	1,762	0	0	0	0	138	0	7	0	115	0	0	0
8	1,794	821	0	0	423	0	0	0	0	115	0	9	0	286	0	0	0
9	1,046	645	0	0	652	0	0	0	41	0	0	9	0	142	0	0	0
10	1,558	1,329	0	0	2,248	0	0	19	4	0	0	7	0	151	0	0	0
11	1,116	1,749	0	0	2,734	0	0	6	0	58	0	9	0	203	0	0	0
12	1,137	1,723	0	0	1,595	0	0	6	190	0	0	9	0	294	0	0	0
13	1,170	1,540	0	0	1,990	0	0	0	0	0	16	0	0	283	0	0	0
14	1,206	1,442	0	0	2,798	0	300	0	28	304	277	0	0	272	0	0	0
15	1,329	1,268	0	0	0	0	226	0	0	210	278	0	0	323	0	0	0
16	1,504	1,443	0	0	0	0	0	8	0	0	0	11	0	267	0	0	0
17	1,224	1,098	0	0	762	0	0	4	0	0	0	11	0	162	0	0	0
18	1,013	574	0	0	249	0	0	6	0	246	0	13	0	239	0	0	0
19	690	354	0	0	11	0	33	0	0	184	0	11	0	216	0	0	0
20	738	498	0	0	881	0	501	0	0	0	265	0	0	324	0	0	0
21	637	564	0	0	0	0	259	0	0	214	225	0	0	270	0	0	0
22	743	491	0	0	0	0	578	0	0	553	490	0	0	280	0	0	0
23	636	487	0	0	567	0	458	0	0	401	304	0	0	321	0	0	0
24	584	769	0	0	16	0	405	0	0	340	315	0	0	302	4	0	0
25	1,065	1,192	0	0	232	0	179	0	0	340	214	0	0	275	0	0	0
26	1,011	1,089	0	0	238	0	254	0	0	304	270	0	0	304	0	0	0
27	792	1,294	0	0	1,383	0	289	0	0	155	219	0	0	299	0	0	0
28	585	664	0	0	1,661	0	338	0	0	302	302	0	0	340	5	0	0
29	789	958	0	0	977	0	310	0	0	302	302	0	0	304	0	0	0
30	798	790	0	0	88	0	343	0	0	302	305	0	0	293	0	0	0
31	795	739	0	0	1,351	0	241	0	0	303	316	0	0	289	0	0	0
Total	35,651	35,720	0	0	35,733	0	5,027	71	263	5,047	4,171	131	0	7,463	9	0	0

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) **March 2014**

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.	
Feb 28	2,577	168,780										
1	2,578	169,360	580	0	1,912	0	776	1,958	0	397	0	247
2	2,577	167,997	-1,363	0	1,321	0	467	2,901	0	198	0	-52
3	2,576	167,946	-51	0	2,965	0	208	3,030	0	139	0	-55
4	2,575	166,541	-1,405	0	676	0	144	2,045	0	109	0	-71
5	2,575	166,655	114	0	1,946	0	121	1,701	0	168	0	-84
6	2,576	167,345	690	0	2,132	0	99	1,480	0	169	0	108
7	2,575	166,681	-664	0	1,247	0	108	1,762	1	169	0	-87
8	2,576	166,847	166	0	821	0	77	423	0	149	0	-160
9	2,576	166,732	-115	0	645	0	52	652	0	109	0	-51
10	2,575	165,942	-790	0	1,329	0	41	2,248	0	60	0	148
11	2,574	164,801	-1,141	0	1,749	0	35	2,734	0	50	0	-141
12	2,574	164,928	127	0	1,723	0	33	1,595	0	40	0	6
13	2,574	164,283	-645	0	1,540	0	30	1,990	0	38	0	-187
14	2,573	163,124	-1,159	0	1,442	0	28	2,798	1	30	0	200
15	2,574	164,169	1,045	0	1,268	0	26	0	0	30	0	-219
16	2,575	165,612	1,443	0	1,443	0	25	0	0	30	0	5
17	2,575	165,942	330	0	1,098	0	25	762	0	20	0	-11
18	2,575	166,197	255	0	574	0	24	249	0	20	0	-74
19	2,575	166,477	280	0	354	0	23	11	0	20	0	-66
20	2,575	166,095	-382	0	498	0	23	881	0	20	0	-2
21	2,576	166,706	611	0	564	0	22	0	0	20	0	45
22	2,576	167,179	473	0	491	0	22	0	0	20	0	-20
23	2,576	167,000	-179	0	487	0	21	567	0	20	0	-100
24	2,576	167,754	754	0	769	0	20	16	1	20	0	2
25	2,577	168,663	909	0	1,192	0	20	232	0	20	0	-51
26	2,578	169,514	851	0	1,089	0	20	238	0	19	0	-1
27	2,578	169,360	-154	0	1,294	0	20	1,383	0	19	0	-66
28	2,577	168,408	-952	0	664	0	19	1,661	0	19	0	45
29	2,577	168,331	-77	0	958	0	19	977	0	19	0	-58
30	2,577	169,012	681	0	790	0	17	88	0	19	0	-19
31	2,577	168,408	-604	0	739	0	17	1,351	0	19	0	10
Total			-372	0	35,720	0	2,582	35,733	3	2,179	0	-759

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

March 2014

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/	
Feb 28	1507.91	18,389							
1	1513.32	20,484	2,095	1,958	41	0	41	0	137
2	1514.63	21,010	526	2,901	18	0	18	2,980	605
3	1511.58	19,797	-1,213	3,030	9	0	9	4,235	-8
4	1503.35	16,708	-3,089	2,045	7	0	7	3,586	-1,548
5	1504.96	17,295	587	1,701	6	0	6	2,623	1,509
6	1503.85	16,892	-403	1,480	4	0	4	1,862	-21
7	1506.65	17,918	1,026	1,762	3	0	3	759	23
8	1507.67	18,299	381	423	2	0	2	0	-42
9	1509.41	18,958	659	652	1	0	1	0	7
10	1509.38	18,946	-12	2,248	1	0	1	2,341	81
11	1507.78	18,340	-606	2,734	1	0	1	3,213	-127
12	1505.48	17,485	-855	1,595	0	0	0	2,490	40
13	1504.89	17,269	-216	1,990	0	0	0	2,224	18
14	1509.08	18,832	1,563	2,798	0	0	0	1,236	1
15	1509.05	18,821	-11	0	1	0	1	0	-11
16	1509.05	18,821	0	0	1	0	1	0	0
17	1510.93	19,544	723	762	1	0	1	0	-39
18	1511.65	19,825	281	249	1	0	1	0	32
19	1511.68	19,836	11	11	1	0	1	0	0
20	1513.88	20,708	872	881	1	0	1	0	-9
21	1508.13	18,472	-2,236	0	1	0	1	2,227	-9
22	1507.84	18,362	-110	0	1	0	1	0	-110
23	1509.19	18,874	512	567	1	0	1	0	-55
24	1509.27	18,904	30	16	1	0	1	0	14
25	1509.78	19,100	196	232	1	0	1	0	-36
26	1510.37	19,327	227	238	1	0	1	0	-11
27	1509.41	18,958	-369	1,383	1	0	1	1,755	3
28	1510.90	19,532	574	1,661	1	0	1	1,114	27
29	1513.28	20,468	936	977	1	0	1	0	-41
30	1513.57	20,584	116	88	1	0	1	0	28
31	1516.98	21,972	1,388	1,351	1	0	1	0	37
Total			3,583	35,733	110	0	110	32,645	495

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

March 2014

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					
Feb 28	1490.98	272,605								
1	1490.62	271,878	-727	41	0	233	952	10	0	-39
2	1491.53	273,717	1,839	18	2,980	89	867	8	2	-371
3	1493.17	277,050	3,333	9	4,235	22	803	0	10	-120
4	1494.57	279,914	2,864	7	3,586	10	810	0	24	95
5	1495.49	281,805	1,891	6	2,623	7	789	0	24	68
6	1496.01	282,877	1,072	4	1,862	6	748	0	24	-28
7	1495.94	282,733	-144	3	759	4	748	0	24	-138
8	1495.54	281,908	-825	2	0	4	760	0	9	-62
9	1495.14	281,085	-823	1	0	3	786	0	8	-33
10	1495.86	282,568	1,483	1	2,341	3	817	0	8	-37
11	1497.05	285,029	2,461	1	3,213	2	849	0	3	97
12	1497.89	286,775	1,746	0	2,490	2	850	0	0	104
13	1498.41	287,858	1,083	0	2,224	2	1,029	0	0	-114
14	1498.34	287,712	-146	0	1,236	2	1,078	0	0	-306
15	1497.70	286,379	-1,333	1	0	1	1,240	0	0	-95
16	1497.06	285,050	-1,329	1	0	1	1,349	0	0	18
17	1496.41	283,704	-1,346	1	0	1	1,308	0	0	-40
18	1495.66	282,155	-1,549	1	0	1	1,373	0	0	-178
19	1494.98	280,756	-1,399	1	0	1	1,460	0	0	59
20	1494.26	279,278	-1,478	1	0	1	1,453	0	0	-27
21	1494.66	280,098	820	1	2,227	1	1,463	0	0	54
22	1493.98	278,704	-1,394	1	0	2	1,499	0	0	102
23	1493.22	277,152	-1,552	1	0	2	1,446	0	0	-109
24	1492.50	275,685	-1,467	1	0	2	1,486	0	0	16
25	1491.78	274,223	-1,462	1	0	3	1,450	0	0	-16
26	1491.06	272,766	-1,457	1	0	3	1,425	0	0	-36
27	1491.29	273,231	465	1	1,755	4	1,469	0	0	174
28	1491.06	272,766	-465	1	1,114	4	1,462	0	0	-122
29	1490.30	271,233	-1,533	1	0	4	1,477	0	0	-61
30	1489.69	270,007	-1,226	1	0	4	1,315	0	0	84
31	1488.94	268,500	-1,507	1	0	4	1,427	0	0	-85
Total			-4,105	109	32,645	428	35,988	18	136	-1,145

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) **March 2014**

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 Table A	Deliveries Rec.	Deliveries Article 56C	Deliveries Article 14B	Deliveries Other
29A	42	Oso Pumping Plant	1.49		35,651					
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)	35,720					
29H	W3	Pyramid Lake		USFS Pyramid Recreation (T300)	3		3			
				United WA (T300)	0					
		Pyramid Dam	17.10	California State Park Piru Fish (T300)	0					
29J		Castaic Powerplant	25.82	(0 AF pump-back) 2/	35,733					
	W4	Elderberry Forebay			0					
		Forebay Dam	28.12		0					
30 1/	W5	Castaic Lake		California State Park Castaic Lake Recreation (T301)	0					
		Castaic Dam	31.47		0					
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	34,451			11,023		3/ 23,428
				Castaic Lake WA 18", 24" & 54" (T303)	0					
				Castaic Lake WA (T304)	1,537					4/ 1,537
				MWD-Ventura Co. WPD (T302)	0					
					0					
				Disposition of Natural inflows	18					
				Releases to Castaic Lagoon	136					
				Reach 30 Subtotal:	35,988	0	0	11,023	0	24,965
	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/ Flexible Withdrawal.

4/ Includeds 1,000 AF of Article 56C Exchange and 537 AF of General Conveyance.

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

March 2014

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				
Feb 28	3352.33	72,389											
1	3352.50	72,551	162	0	4	414	3	0	152	0	79	-22	24
2	3352.38	72,436	-115	19	0	202	0	0	162	0	79	-95	24
3	3352.25	72,312	-124	54	0	93	6	0	165	0	79	-21	24
4	3352.05	72,121	-191	0	11	38	3	0	142	0	79	-16	24
5	3351.89	71,968	-153	0	11	26	3	0	134	0	79	27	24
6	3351.66	71,749	-219	0	9	22	3	0	154	0	79	-14	24
7	3351.53	71,625	-124	0	7	19	3	0	115	0	55	23	24
8	3351.25	71,359	-266	0	9	17	3	0	286	0	0	-3	24
9	3351.12	71,235	-124	0	9	14	2	0	142	0	1	-2	24
10	3350.98	71,102	-133	0	7	12	3	0	151	0	0	2	24
11	3350.76	70,894	-208	0	9	10	3	1	203	0	1	-19	24
12	3350.48	70,629	-265	0	9	9	3	0	294	0	0	14	24
13	3350.23	70,393	-236	16	0	9	2	0	283	0	1	25	24
14	3350.24	70,403	10	277	0	9	4	0	272	0	0	-1	24
15	3350.19	70,355	-48	278	0	8	2	0	323	0	1	-8	24
16	3349.93	70,111	-244	0	11	8	3	0	267	0	0	7	24
17	3349.78	69,969	-142	0	11	7	3	0	162	0	1	6	24
18	3349.54	69,744	-225	0	13	7	0	0	239	0	0	-6	24
19	3349.35	69,566	-178	0	11	6	7	0	216	0	1	30	24
20	3349.30	69,519	-47	265	0	6	2	0	324	0	0	8	24
21	3349.24	69,463	-56	225	0	7	3	0	270	0	1	-14	7
22	3349.49	69,697	234	490	0	6	1	0	280	0	0	19	0
23	3349.49	69,697	0	304	0	6	2	0	321	0	1	14	0
24	3349.50	69,707	10	315	0	5	1	0	302	0	0	-7	0
25	3349.41	69,622	-85	214	0	5	2	0	275	0	1	-27	0
26	3349.39	69,603	-19	270	0	8	0	0	304	0	0	7	0
27	3349.30	69,519	-84	219	0	10	2	0	299	0	0	-12	0
28	3349.32	69,538	19	302	0	8	1	0	340	0	0	50	0
29	3349.30	69,519	-19	302	0	7	1	0	304	0	0	-23	0
30	3349.29	69,510	-9	305	0	7	2	0	293	0	0	-26	0
31	3349.29	69,510	0	316	0	6	1	0	289	0	0	-32	0
Total			-2,879	4,171	131	1,011	74	1	7,463	0	540	-116	494

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

March 2014

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+)
Feb 28	1562.58	73,691				
1	1562.53	73,597	-94	0	139	45
2	1562.53	73,597	0	0	139	139
3	1562.36	73,279	-318	0	139	-179
4	1562.28	73,129	-150	0	139	-11
5	1562.28	73,129	0	0	139	139
6	1562.12	72,831	-298	0	139	-159
7	1562.14	72,868	37	0	113	150
8	1562.06	72,719	-149	0	113	-36
9	1561.79	72,217	-502	0	113	-389
10	1561.90	72,421	204	0	147	351
11	1561.79	72,217	-204	0	119	-85
12	1561.70	72,050	-167	0	119	-48
13	1561.70	72,050	0	0	119	119
14	1561.62	71,902	-148	0	119	-29
15	1561.48	71,642	-260	0	149	-111
16	1561.35	71,402	-240	0	137	-103
17	1561.24	71,199	-203	0	149	-54
18	1561.10	70,940	-259	0	159	-100
19	1561.13	70,996	56	0	119	175
20	1561.04	70,830	-166	0	159	-7
21	1560.96	70,682	-148	0	159	11
22	1560.91	70,590	-92	0	149	57
23	1560.80	70,388	-202	0	159	-43
24	1560.66	70,131	-257	0	124	-133
25	1560.66	70,131	0	0	112	112
26	1560.58	69,984	-147	0	112	-35
27	1560.60	70,021	37	0	112	149
28	1560.52	69,875	-146	0	112	-34
29	1560.44	69,728	-147	0	112	-35
30	1560.30	69,472	-256	0	140	-116
31	1560.25	69,381	-91	0	138	47
Total			-4,310	0	4,097	-213

1/ In some cases, readings are taken on end of 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) **March 2014**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries Other	Rec	Article 56C	Trans.	Local
17E	40	Edmonston Pumping Plant	293.45		39,810					
	41		298.65	KCWA Tej.-Cas	Stub					
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 5,027 AF generation, 71 AF plant bypass, and 263 AF Tehachapi Bypass)	5,361					
			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)	7			7		
				Mojave Water Agency Fairmont (T272)	0					
		Check No. 46	323.84							
				Reach 19 Total:	7	0	0	7	0	0
20A	47	Check No. 47	326.77							
	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	7			7		
			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)	706	1/ 591		2/ 115		
			339.68	Antelope Valley-East Kern WA Rancho Vista (T275)	18			18		
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.	0					
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	0					
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		357.60	AVEK 95th Street East (T279)	0					
			357.72	AVEK 96th Street East (T280)	0					
			359.76	AVEK East Side Treatment Plant (T281)	0					

1/ Exchange of Article 56C carryover.

2/ Includes 49 AF of Article 56C AVEK WA and 66 AF of Article 56C Mojave WA.

Table 31. Governor Edmund G. Brown California Aqueduct

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

(In acre-feet) **March 2014**

Reach No.	Operating Pool Beginning and Ending No.	Structure	Mile	Turnout	Total Diver-sions	Deliveries Other	Rec.	Article 56C	Trans-fer	Pump-in
22B	58	Pearblossom Pumping Plant	360.61		5,047					
	59	Check No. 59	366.09							
	60		366.50	AVEK Big Rock Siphon (T368)	0					
		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)	0					
				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)	11			11		
23		Check No. 66	403.41							
		Mojave Siphon	405.58	Las Flores Ranch Exchange	494				494	
		Mojave Siphon Powerplant	405.65	(Includes 4,171 AF generation, 131 AF leakage, and 0 AF Bypass flume.)	4,302					
24		Silverwood Lake	407.65	MWA CS DAM (T288)	0					
				California State Park Silverwood (T288)	4		4			
			407.70	Crestline-Lake Arrowhead WA						
				State Project Water (T289)	0					
				Non-Project Water (T289)	74	1/ 74				
25		San Bernardino Intake Tunnel			7,463					
26A		Devil Canyon Powerplant	412.73		7,463					
	68	Devil Canyon Afterbay Control Structures	412.88	MWD-Rialto (T290)	56			56		
				MWD-Rialto (T293)	7,352	2/ 3,074		3,480		798
				MWD-Rialto (T294)	0					
				Desert Water Agency Transfer (T293)	0					
				Coachella Valley WD (T293)	0					
				Coachella Valley WD (T294)	0					
				San Gabriel Valley MWD (T290)	0					
EBX		East Branch Extension		MWD EBX-1 (T290)	0					
				MWD EBX-1 (T291)	0					
				San Bernardino Valley MWD (T290)	0					
				San Bernardino Valley MWD (T291)	2			2		
				San Bernardino Valley MWD (T403)	9			9		
				San Bernardino Valley MWD (T428)	6	3/ 6				
				San Gorgonio Pass WA (T413)	0					
28G	69	Santa Ana Valley Pipeline	425.46							
28H			433.06	Coachella Valley (T295)	0					
				Coachella Valley (T296)	0					
				Desert Water Agency (T296)	0					
				MWD-SC Box Springs (T295)	0					
			440.05	MWD-SC (T296)	0					
28J		Lake Perris	442.00	MWD-SC (T297)	162	4/ 162				
			443.44	MWD-SC 54" & 78" (T299)	3,305	4/ 3,305				
				Coachella Valley (T296)	0					
				Desert Water Agency (T299)	0					
				Ca. St. Pk. Lake Perris Rec. (T298)	1		1			
				MWD Total:	45,326	6,541	0	14,559	0	24,226

1/ Local.
2/ Arvin Edison water bank recovery.
3/ SWP Construction.
4/ Flexible withdrawal.

Table 32. Water Quality At Selected SWP Locations

March 2014

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	91	102	95	78	80	78
Antimony	mg/l	<0.001	**	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	**	0.003	0.002	0.003	0.002	0.006	0.006	0.004
Beryllium	mg/l	<0.001	**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	**	0.2	0.2	0.3	0.3	0.2	0.2	0.2
Bromide	mg/l	<0.01	**	0.30	0.26	0.37	0.44	0.19	0.18	0.29
Calcium	mg/l	9	**	24	23	29	25	29	32	23
Chloride	mg/l as C	1	**	94	86	123	134	50	45	85
Chromium	mg/l as C	<0.001	**	<0.001	<0.001	<0.001	<0.001	0	0	0
Copper	mg/l	<0.001	**	0	0	0	0	<0.001	<0.001	0
Hardness	mg/l	38.000	**	132.000	125.000	152.000	138.000	83.000	93.000	93.000
Iron	mg/l	0.009	**	0.117	0.084	0.075	0.006	0.005	<0.005	<0.005
Lead	mg/l as CaCO3	<0.001	**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	4	**	17	17	19	18	3	3	8
Manganese	mg/l	<0.005	**	0.007	0.006	<0.005	<0.005	<0.005	<0.005	<0.005
Nitrate + Nitrite	mg/l	0.030	**	0.970	0.940	0.840	0.080	1.160	1.140	0.640
Organic Carbon, Dissolved	mg/l	NR	**	8	7	7	5	1	1	2
Organic Carbon, Total	mg/l as N	NR	**	7.800	7.300	7.100	4.900	0.800	1.000	2.300
Phosphate-Ortho	mg/l as P	<0.01	**	0.06	0.07	0.05	<0.01	NR	<0.01	0.01
Phosphorus-Total	mg/l	0.01	**	0.14	0.11	0.12	0.04	<0.01	0.01	0.03
Selenium	mg/l	<0.001	**	<0.001	0.00	0.00	0.00	0.00	0.00	0.00
Sodium	mg/l	4.000	**	66.000	58.000	83.000	88.000	53.000	55.000	68.000
Specific Conductance	µS/cm	98	**	622	565	766	768	449	452	571
Sulfate	mg/l	2	**	47	40	66	59	46	63	50
Total Dissolved Solids	mg/l	64	**	345	312	425	425	259	262	316
Turbidity	NTU	3	**	7	4	4	2	<1	<1	<1
Zinc	mg/l	<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

Table 33. Water Quality At Selected Delta Stations

March 2014

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	6.31	4.50	17,041	17,041	9,158	2.40	8.10	0.81	0.52	0.67	0.70	0.82	0.32	0.93	162
2	6.14	4.44	21,316	19,178	14,650	2.01	7.24	0.55	0.54	0.65	0.70	0.83	0.41	0.98	165
3	5.90	4.14	25,935	21,430	19,466	1.48	5.22	0.38	0.54	0.61	0.69	0.79	0.49	0.85	170
4	5.91	4.03	24,917	22,302	19,755	1.24	4.14	0.34	0.54	0.59	0.68	0.75	0.58	0.78	173
5	5.87	4.08	22,513	22,344	18,213	1.11	3.60	0.33	0.54	0.58	0.67	0.74	0.69	0.75	177
6	5.99	4.09	16,879	21,433	16,877	1.07	3.09	0.32	0.54	0.57	0.66	0.70	0.78	0.71	180
7	5.79	3.92	22,913	21,645	22,408	0.91	2.13	0.28	0.54	0.55	0.65	0.71	0.81	0.74	183
8	5.56	3.84	24,317	21,979	23,830	0.80	1.46	0.26	0.53	0.53	0.64	0.69	0.78	0.74	183
9	5.32	3.78	21,275	21,901	21,783	0.73	1.17	0.24	0.51	0.50	0.63	0.68	0.73	0.71	183
10	5.47	3.87	17,880	21,498	19,296	0.69	1.32	0.25	0.49	0.51	0.61	0.63	0.71	0.70	183
11	5.07	3.56	13,937	20,811	16,406	0.66	1.29	0.22	0.46	0.49	0.60	0.65	0.76	0.75	183
12	4.97	3.52	11,916	20,070	14,497	0.62	1.24	0.22	0.43	0.48	0.58	0.63	0.80	0.73	182
13	5.58	3.91	14,762	19,662	17,670	0.62	2.28	0.23	0.39	0.48	0.56	0.60	0.85	0.70	183
14	5.52	3.93	16,692	19,449	18,677	0.64	2.67	0.23	0.33	0.47	0.55	0.65	0.89	0.68	186
15	5.17	3.63	13,343	19,042	15,952	0.63	2.18	0.24	0.29	0.45	0.53	0.58	0.91	0.71	186
16	5.03	3.57	9,130	18,423	12,583	0.63	2.15	0.24	0.27	0.44	0.52	0.56	0.94	0.69	186
17	5.15	3.63	7,726	17,794	10,233	0.69	2.64	0.24	0.26	0.45	0.51	0.54	0.93	0.60	187
18	5.35	3.70	6,030	17,140	9,048	0.71	3.03	0.23	0.25	0.44	0.49	0.54	0.89	0.58	187
19	5.49	3.70	5,513	16,528	8,020	0.77	3.49	0.25	0.24	0.44	0.49	0.55	0.91	0.56	188
20	5.63	3.87	4,969	15,950	7,105	0.90	4.22	0.28	0.24	0.44	0.48	0.52	0.89	0.55	188
21	5.87	4.01	5,441	15,397	6,278	1.08	5.29	0.34	0.25	0.46	0.47	0.51	0.88	0.52	185
22	5.96	4.04	5,277	14,937	5,805	1.14	5.38	0.38	0.26	0.47	0.46	0.51	0.86	0.54	185
23	5.90	4.03	5,703	14,521	5,798	1.21	5.19	0.41	0.27	0.46	0.46	0.51	0.90	0.58	185
24	5.74	4.00	5,860	14,159	5,787	1.19	5.10	0.42	0.28	0.46	0.46	0.54	0.87	0.61	174
25	5.78	4.01	5,288	13,804	5,689	1.43	6.29	0.48	0.30	0.46	0.46	0.54	0.90	0.62	168
26	5.88	4.07	4,477	13,445	5,059	1.37	5.93	0.51	0.32	0.46	0.45	0.55	0.92	0.62	154
27	5.60	3.89	6,548	13,190	5,303	1.29	5.71	0.46	0.34	0.44	0.45	0.56	0.89	0.63	153
28	5.45	3.76	8,018	13,005	6,345	1.20	5.52	0.43	0.35	0.44	0.45	0.56	0.77	0.65	152
29	5.57	3.93	8,055	12,885	6,378	1.39	6.18	0.53	0.37	0.46	0.45	0.55	0.75	0.63	140
30	5.76	3.95	12,141	12,860	7,784	1.38	6.11	0.53	0.39	0.45	0.45	0.56	0.79	0.61	132
31	5.73	3.94	13,961	12,896	8,887	1.36	5.80	0.48	0.41	0.45	0.45	0.60	0.73	0.64	132

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

March 2014

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	N/A	none	0
California Aqueduct At Banks Pumping Plant	March 19, 2014	none	0
O'Niell Forebay Outlet Check 13	March 18, 2014	none	0
Delta Mendota Canal At McCabe Road	March 18, 2014	2,4-Dichlorophenylacetic acid (DCAA)	0.8
California Aqueduct Near Kettleman City (Check 21)	March 18, 2014	none	0
California Aqueduct At Near Highway 119 (Check 29)	March 18, 2014	none	0
California Aqueduct at Tehachapi Afterbay (Check 41)	March 20, 2014	none	0
California Aqueduct At Devil Canyon Headworks (2nd Afterbay)	March 17, 2014	none	0

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) **March 2014**

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	512,182	0	5,299	14,493	727,920	727,920	288,648	17,338
2	436,986	66	6,483	17,934	1,150,944	1,150,944	286,880	17,359
3	340,736	330	6,038	16,658	1,216,920	1,216,920	301,937	17,235
4	369,809	99	5,295	14,523	1,684,832	1,684,832	398,584	17,253
5	514,943	341	5,310	14,525	1,069,904	1,069,904	380,551	17,285
6	236,412	0	7,095	19,270	1,323,288	1,323,288	319,131	17,287
7	242,220	0	5,325	12,969	2,305,568	2,305,568	322,088	17,253
8	253,462	0	5,843	13,079	2,081,976	2,081,976	397,877	17,248
9	930,204	0	7,249	17,175	1,990,064	1,990,064	397,562	16,532
10	505,450	616	7,107	17,507	1,704,648	1,704,648	415,310	17,246
11	597,520	0	7,372	16,566	2,136,400	2,136,400	415,456	17,207
12	605,110	0	7,166	17,032	1,771,776	1,771,776	414,246	17,229
13	554,521	0	8,032	20,096	1,406,944	1,406,944	335,626	17,231
14	920,843	0	8,085	18,456	1,562,312	1,562,312	340,285	17,216
15	701,338	0	10,369	20,216	2,242,864	2,242,864	436,486	17,205
16	606,826	0	10,372	17,835	1,957,408	1,957,408	461,832	17,210
17	592,306	0	10,346	17,984	1,164,472	1,164,472	396,245	15,699
18	600,072	0	10,326	16,768	1,247,560	1,247,560	291,782	7,402
19	642,873	0	10,333	19,012	835,000	835,000	249,199	7,299
20	973,247	11	8,386	21,371	830,704	830,704	274,492	7,300
21	757,064	0	11,121	21,125	628,880	628,880	294,886	1,087
22	738,276	0	10,734	21,220	627,568	627,568	254,731	9,401
23	779,328	0	11,719	23,971	405,464	405,464	324,895	18,129
24	685,014	0	3,878	10,046	408,160	408,160	400,830	18,156
25	623,821	33	0	402	407,704	407,704	419,384	18,093
26	730,169	451	441	99	580,376	580,376	165,344	14,812
27	831,380	0	377	0	435,656	435,656	234,504	19,249
28	787,226	77	995	0	384,168	384,168	350,949	19,284
29	788,238	1,056	2,431	3,790	256,960	256,960	431,988	19,265
30	716,606	132	409	391	383,960	383,960	278,706	19,224
31	356,609	231	5,231	10,166	231,840	231,840	278,680	19,190
Total	18,930,791	3,443	199,165	434,678	35,162,240	35,162,240	10,559,116	488,924

Table 36. San Luis Field Division Energy Data

(in kWh) **March 2014**

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	11,432	11,432	0	0	20,757	20,757
2	11,383	11,383	0	0	1,163,514	-12,486
3	180,031	180,031	0	0	676,874	186,874
4	11,200	11,200	0	0	2,448,314	782,314
5	109,631	109,631	0	0	3,154,690	3,154,690
6	11,005	11,005	0	0	3,767,742	3,767,742
7	124,276	124,276	0	0	2,540,813	2,540,813
8	11,048	11,048	0	0	2,828,650	2,828,650
9	237,287	237,287	0	0	5,706,679	5,706,679
10	99,873	99,873	0	0	1,862,432	1,862,432
11	40,063	40,063	0	0	3,142,359	3,142,359
12	96,196	96,196	0	0	3,149,553	3,149,553
13	164,257	164,257	0	0	1,864,071	1,864,071
14	151,880	151,880	0	0	1,582,306	1,582,306
15	236,477	236,477	0	0	2,641,034	2,641,034
16	113,341	113,341	0	0	5,670,786	5,670,786
17	123,611	123,611	0	0	2,059,310	2,059,310
18	110,392	110,392	0	0	1,210,044	1,210,044
19	98,987	98,987	0	0	1,860,177	1,860,177
20	179,275	179,275	0	0	1,726,142	1,726,142
21	153,576	153,576	0	0	1,188,924	1,188,924
22	208,845	208,845	0	0	988,625	988,625
23	227,038	227,038	0	0	1,329,988	1,329,988
24	172,260	172,260	0	0	453,409	453,409
25	171,763	171,763	0	0	345,686	345,686
26	132,100	132,100	0	0	20,482	20,482
27	195,572	195,572	0	0	20,680	20,680
28	243,016	243,016	0	0	20,482	20,482
29	147,420	147,420	0	0	20,141	20,141
30	116,986	116,986	0	0	629,486	629,486
31	138,407	138,407	0	0	918,940	918,940
Total	4,028,627	4,028,627	0	0	55,013,090	51,681,090

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) **March 2014**

Date	Coastal Branch					California Aquedect			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	3,797	8,752	29,734	27,405	30,479	309,551	453,640	1,055,010	3,885,003
2	6,093	15,565	51,353	48,340	51,983	455,652	631,152	1,432,662	5,217,912
3	6,167	14,957	45,844	42,501	46,655	375,142	508,396	1,137,037	4,365,684
4	6,651	15,727	43,956	40,735	44,551	279,396	381,814	852,566	2,935,548
5	13,876	34,282	61,254	55,512	61,097	456,349	523,238	1,135,673	4,164,318
6	8,595	21,470	52,422	49,060	53,088	362,900	433,665	953,678	3,373,812
7	8,472	20,987	51,385	48,933	51,717	338,528	364,833	790,790	2,830,842
8	7,718	19,611	55,744	50,150	55,687	457,268	505,778	1,155,341	4,003,992
9	6,059	14,688	50,980	47,244	51,816	250,538	270,383	648,153	2,246,886
10	9,209	23,525	52,045	48,671	52,838	335,533	421,904	940,533	3,426,867
11	11,331	28,962	53,164	49,773	53,328	313,814	324,612	721,358	2,568,456
12	5,210	12,597	14,119	13,549	14,889	366,142	360,479	814,000	2,897,100
13	10,784	25,756	34,175	31,339	33,893	400,986	376,256	807,499	2,603,988
14	10,791	27,429	54,881	51,740	55,699	390,258	390,818	850,773	3,149,577
15	13,696	35,286	45,936	43,150	48,281	424,994	460,289	978,175	3,395,601
16	11,105	28,414	55,690	51,779	54,480	419,602	439,040	1,008,161	3,400,866
17	7,168	18,387	50,226	46,142	51,485	350,908	375,613	757,251	2,803,923
18	13,736	44,648	60,283	55,218	59,362	312,124	305,026	679,360	2,311,875
19	15,015	41,345	58,059	54,616	58,592	292,194	234,081	482,669	1,487,646
20	11,872	28,666	49,033	46,515	49,598	292,399	271,192	597,883	2,102,895
21	14,479	36,585	56,301	51,385	56,448	349,348	291,278	617,100	2,197,881
22	18,729	46,861	61,248	57,012	61,442	302,206	375,313	818,851	2,743,875
23	15,883	39,618	48,954	45,693	48,480	301,491	330,358	758,329	2,677,806
24	8,568	20,672	63,541	59,786	64,720	283,243	309,611	651,134	2,391,336
25	12,950	32,752	59,225	55,180	59,868	362,884	343,193	747,571	2,492,991
26	11,853	39,942	57,899	53,831	58,949	331,556	314,510	685,146	2,334,177
27	13,957	36,128	56,738	52,071	56,217	327,920	283,730	599,511	2,185,164
28	12,392	32,729	62,193	58,449	63,355	323,806	234,733	518,947	1,774,467
29	8,694	22,158	56,257	53,167	56,325	305,228	349,270	778,591	2,730,564
30	7,873	21,496	56,716	52,543	56,351	286,974	314,363	698,918	2,640,276
31	6,366	15,647	51,529	48,100	51,622	284,274	289,519	661,001	2,312,037
Total	319,089	825,639	1,600,882	1,489,587	1,613,295	10,643,206	11,468,086	25,333,671	89,653,365

Table 38. Southern Field Division Energy Data

(in kWh) **March 2014**

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	489,189	1,059,953	912,000	0	15,450	186,523	0	1,748	794	304
2	503,853	746,472	912,000	34,663	197,249	203,191	0	1,747	785	296
3	506,524	1,720,942	1,296,000	0	14,545	191,768	586	1,766	828	310
4	343,130	377,123	1,296,000	0	14,198	170,690	0	1,754	800	297
5	534,200	1,139,948	1,296,000	0	14,037	160,571	0	1,759	750	296
6	394,300	1,264,305	1,920,000	0	13,811	179,903	0	1,749	730	296
7	325,011	716,888	1,920,000	0	108,485	133,805	0	1,791	670	292
8	474,657	512,879	1,920,000	0	92,633	361,879	0	1,786	591	298
9	249,854	395,709	1,840,000	0	13,195	172,364	0	1,738	568	284
10	412,119	817,266	1,920,000	0	14,031	176,044	0	1,881	674	324
11	299,771	1,042,616	1,920,000	0	53,722	233,708	0	1,805	696	298
12	303,484	1,029,799	1,920,000	0	14,698	336,535	0	1,886	702	302
13	313,364	867,362	1,920,000	0	14,597	324,734	0	1,856	692	303
14	321,044	809,636	1,440,000	34,388	215,591	328,450	18,881	1,853	819	302
15	350,753	735,637	1,440,000	24,734	153,572	386,651	19,139	1,920	587	306
16	396,503	803,974	1,440,000	0	12,990	323,233	0	1,895	590	312
17	327,113	609,015	960,000	0	14,185	190,238	0	1,869	776	329
18	271,916	356,705	960,000	0	179,416	288,846	0	1,794	1,105	301
19	187,181	220,563	624,000	4,133	127,863	256,932	0	1,804	1,078	300
20	183,714	298,131	624,000	56,443	6,441	395,431	18,804	1,811	1,001	305
21	173,130	346,410	624,000	27,200	156,544	332,586	14,252	1,775	1,060	299
22	200,426	300,470	624,000	62,409	379,094	342,454	39,976	1,768	589	300
23	172,145	298,447	624,000	52,403	277,751	393,440	19,909	1,762	584	302
24	158,376	452,860	624,000	44,391	241,179	369,212	22,775	3,954	886	315
25	282,759	671,760	624,000	18,671	173,345	335,866	15,338	1,763	1,055	302
26	270,866	609,077	624,000	26,568	213,640	369,695	19,534	1,810	1,141	301
27	214,198	785,406	624,000	34,333	116,713	366,458	14,069	1,769	1,110	299
28	159,671	372,587	624,000	38,290	217,716	418,054	23,801	4,504	879	300
29	213,849	533,156	624,000	33,983	214,465	385,909	23,694	1,812	617	304
30	218,635	445,384	624,000	38,433	214,116	372,553	23,932	1,766	616	302
31	213,291	445,438	960,000	25,197	213,641	352,019	22,820	1,838	736	309
Total	9,465,026	20,785,912	35,680,000	556,238	3,708,913	9,039,743	297,508	60,733	24,507	9,389

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