



United States Department of the Interior

BUREAU OF RECLAMATION
Central Valley Operations Office
3310 El Camino Avenue, Suite 300
Sacramento, California 95821

IN REPLY
REFER TO:

CVO-400
WTR-4.10

OCT 13 2016

VIA ELECTRONIC MAIL

Mr. Les Grober
Deputy Director, Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812

Subject: Monitoring and Reporting Program on Water Rights Order No. 90-5 (Water Rights)

Dear Mr. Grober:

For the month of September, the temperature control point was set at Balls Ferry, per the June 2016, Sacramento Temperature Plan. The Sacramento River Temperature Task Group met on September 22, 2016, and agreed to a 56 °F daily average temperature at Balls Ferry.

During September 2016, the average daily water temperature compliance of 56.0 °F or less was met at the Balls Ferry compliance point on the Sacramento River. During the month of September 2016, the average monthly water temperature was 53.9 °F at Balls Ferry.

Enclosed is the monitoring report for September 2016, under Order No. 90-5. The report contains the following data:

Station	Description
Shasta Inlets (R-1) “	Water Temperature Profile Turbidity, monthly, ntu
Shasta Dam (R-2) “	Water Temperature, daily average, degrees F Turbidity, ntu, monthly
Shasta Dam (R-2a)	Flow, average daily, cfs
Keswick (R-3) “	Water Temperature, daily average, degrees F Turbidity, ntu, monthly
Keswick (R-3a)	Flow, average daily, cfs

Station	Description
Spring Creek Power plant (R-4) “	Water Temperature, daily average, degrees F Turbidity, ntu, monthly Flow, average daily cfs
Jellys Ferry (R-5) (Control Point)	Water Temperature, daily average, degrees F Turbidity, ntu, monthly
Sacramento at Delta (R-6)	Water Temperature, monthly, degrees F Turbidity, ntu, monthly
McCloud (R-7) “	Water Temperature, monthly, degrees F Turbidity, ntu, monthly
Pit River (R-8) “	Water Temperature, monthly, degrees F Turbidity, ntu, monthly
Lewiston (R-9)	Water Temperature, daily average, degrees F
Lewiston (R-9a)	Flow, average daily, cfs

Please contact Ms. Randi Field at 916-979-2066, should you have any questions regarding this data.

Sincerely,



Elizabeth Kiteck
Chief Water Operations

Enclosures

cc: Mr. Kenneth Emanuel
Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812
(w/encl)

Central Valley Operations Office
 *Data obtained from the California Data Exchange Center
 **Data calculated by the Central Valley Operations Office
 ***Measurements taken by the Northern CA Area Office Personnel
Water Temperature Data in Degrees F
September 2016

Req. Sampling Frequency - Daily Average (Reading indicates daily average)							Req. Sampling Frequency - Monthly		
	Sta 2	Sta 3	Sta 4	Sta 5	Sta9	Sta10	Sta 6	Sta 7	Sta 8
Date	Shd*	Kwk*	Spp**	Bsf**	Lws*	Dgc*	Dlt***	Mss***	Pmn***
1	50.1	51.6	57.4	53.9	-	54.2			
2	50.2	51.6	57.5	54.0	51.7	54.2			
3	50.1	51.6	57.4	54.1	51.6	53.9			
4	50.2	51.6	57.3	54.0	51.5	53.6			
5	50.0	51.7	57.7	53.8	51.4	53.3			
6	49.3	51.1	57.4	53.8	51.4	53.5			
7	50.0	50.7	57.4	53.8	51.4	53.9			
8	50.1	51.0	57.5	53.3	51.4	54.0			
9	50.2	51.7	57.5	54.3	51.4	54.1			
10	50.1	51.6	57.5	54.4	51.4	53.9			
11	50.3	51.5	57.5	54.3	51.5	54.1			
12	50.3	51.9	57.6	54.3	51.5	53.6			
13	50.3	51.7	57.6	54.2	51.6	53.4			
14	50.5	51.7	57.6	54.0	51.5	53.6	59.9		
15	50.2	51.9	57.6	54.0	51.5	53.4			
16	50.0	51.8	57.6	54.2	51.3	53.3			
17	49.7	51.9	57.7	54.1	51.4	53.5			
18	49.7	50.9	57.6	54.0	51.6	54.2			
19	49.8	51.3	57.7	53.9	51.8	54.5			
20	49.7	51.4	57.7	54.2	52.0	54.0			
21	49.8	51.5	58.0	53.7	51.9	53.5			
22	49.7	51.0	58.0	53.2	51.8	52.6			
23	49.7	51.1	58.1	52.7	51.7	52.5			
24	49.8	50.9	57.9	53.5	51.6	53.8			
25	49.9	51.5	58.0	53.8	51.6	53.5			
26	49.8	51.3	58.1	53.9	51.9	54.1			
27	49.9	51.8	58.0	54.1	52.1	54.5			
28	49.9	51.9	58.0	54.3	52.1	55.2			61.2
29	50.0	51.9	57.9	54.4	52.0	55.2		53.1	
30	50.0	51.8	57.9	53.8	51.7	53.7			

Control Point: 9/1-9/30 BSF @ 56.0 DAT

Cross Channel Gate Operation:
 September 01-30 open

**Measurements taken by the Northern CA Area Office Personnel
September 2016**

TEMPERATURE						
Sampling Frequency						
Every two weeks May 1 through November 30.						
Lake Elev	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	
MSL	Temperature Degrees F	Temperature Degrees F	Temperature Degrees F	Temperature Degrees F	Temperature Degrees F	Temperature Degrees F
	(400 Feet Upstream of Dam)					
	Time: 11:00	Time: 11:00	Time: 11:00	Time: 10:00		
625	46.2	46.2	46.2	46.2	46.2	
650	46.2	46.2	46.2	46.3	46.3	
675	46.2	46.3	46.3	46.3	46.3	
700	46.3	46.4	46.4	46.4	46.4	
725	46.4	46.5	46.5	46.5	46.5	
750	46.7	46.8	46.9	46.9	46.9	
775	47.0	47.2	47.4	47.3	47.3	
800	47.6	47.9	48.0	47.9	47.9	
825	48.2	48.4	48.8	48.8	48.8	
850	49.1	49.3	49.9	50.1	50.1	
875	50.0	50.8	52.2	53.9	53.9	
900	53.2	55.4	57.2	59.0	59.0	
925	59.8	61.7	63.6	64.7	64.7	
950	66.7	67.0	68.0	71.5	71.5	
975	75.1	74.5	73.6	71.6	71.6	
1000	75.1	74.5	73.7	71.6	71.6	
1025						
1050						
Lake Surface	75.1 @ 1010.48'	74.5 @ 1007.59'	73.8 @ 1003.96'	71.6 @ 1000.58'		

TURBIDITY						
Sampling Frequency						
Monthly, except weekly May 1 through Sep 30, when turbidity at Station 2 is equal to or greater than 10 NTU						
Lake Elev	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	
MSL	Turbidity ntu	Turbidity ntu	Turbidity ntu	Turbidity ntu	Turbidity ntu	Turbidity ntu
	(400 Feet Upstream of Dam)					
	Time: 11:00	Time: 11:00	Time: 11:00	Time: 10:00		
625	5.5	7.6	6.4	7.1	7.1	
650	4.9	7.0	6.4	6.7	6.7	
675	5.0	7.1	6.2	6.7	6.7	
700	5.2	7.2	6.4	6.7	6.7	
725	5.2	7.2	6.2	6.8	6.8	
750	5.0	7.2	6.2	6.7	6.7	
775	4.8	6.8	5.7	6.2	6.2	
800	4.4	6.4	5.1	5.4	5.4	
825	3.9	5.7	4.3	4.5	4.5	
850	3.1	4.9	3.3	3.4	3.4	
875	2.3	3.6	2.0	1.7	1.7	
900	0.4	2.2	1.4	1.4	1.4	
925	0.0	2.0	1.1	1.1	1.1	
950	0.0	2.0	1.1	1.6	1.6	
975	0.3	2.3	1.1	1.5	1.5	
1000	0.3	2.3	0.9	1.2	1.2	
1025						
1050						
Lake Surface	0.3 @ 1010.48'	2.2 @ 1007.59'	0.8 @ 1003.96'	1.0 @ 1000.58'		

Central Valley Operations Office
 Measurements taken by the Northern CA Area Office Personnel

**Summary of Turbidity and Dissolved Oxygen Water Sampling
 September 2016**

Turbidity Measurements, NTU

Sampling Frequency

Monthly, except weekly from May 1 through September 30, when turbidity at Station 2 is equal to or greater than 10 NTU.

Station

	R-2	R-3a	R-4	R-5	R-6	R-7	R-8	
	Shasta Dam		Spring	Red Bluff				
	Discharge	Keswick	Creek PP	Diversion	Sacramento	McCloud	Pit	
Day	at Bridge	Discharge	Discharge	Dam	River (DLT)	River	River	
14					1.1			
15	3.4			3.2				
20		3.4						
21			1.2					
28							1.9	
29						1.2		

Dissolved Oxygen, mg/l

Sampling Frequency

Every two weeks from May 1 through September 30; samples to be taken before 1000 hours.

Station

	R-2	R-3	R-5	
	Shasta Dam			Hour
	Discharge	Keswick		Time Sample
Day	at Bridge	Discharge	Clear Creek	Taken
6			13.0	13:05
15	10.5			11:55
20		10.6		12:05

Control Point: 9/1-9/30 BSF @ 56.0 DAT

UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA
SHASTA LAKE, DAM AND POWERPLANT

RUN DATE: October 4, 2016

QG

GENERATION RELEASE, CFS

WATER YEAR OCTOBER 2015 TO SEPTEMBER 2016

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5,701	4,248	4,120	2,851	1,110	2,381	4,584	5,242	6,889	8,578	9,008	9,132
2	5,680	4,351	3,597	2,573	1,133	2,353	3,474	5,090	7,259	8,355	8,975	8,896
3	5,648	5,011	4,233	2,570	2,192	1,546	5,461	5,425	7,288	7,731	9,065	8,659
4	5,222	4,048	3,150	2,693	2,234	2,223	4,787	5,403	6,875	8,211	8,937	8,831
5	5,649	4,740	2,511	2,020	2,166	2,079	4,678	5,577	7,503	8,097	9,250	9,656
6	5,732	4,341	3,604	2,058	2,086	1,179	5,062	5,974	7,299	7,702	9,070	8,495
7	6,419	4,456	3,756	2,175	2,413	2,407	5,124	5,855	7,479	8,396	8,876	9,035
8	6,374	4,480	4,236	2,223	3,037	975	4,644	5,462	7,615	8,733	9,138	8,306
9	5,750	4,508	3,565	2,199	3,452	1,198	3,622	5,628	7,472	8,365	9,175	7,538
10	5,635	4,975	3,349	2,245	3,326	833	4,799	6,251	7,986	8,989	9,158	8,335
11	5,559	4,165	3,288	2,621	2,713	560	3,401	5,895	7,633	9,366	8,818	7,957
12	6,084	4,206	3,219	2,790	2,322	401	4,462	5,890	7,369	8,688	9,132	7,609
13	5,843	4,281	3,129	1,760	2,756	551	4,229	5,820	7,145	8,832	9,505	7,880
14	5,619	4,308	3,404	1,382	2,851	445	4,694	5,853	7,564	8,100	8,892	7,988
15	4,995	4,018	3,847	1,851	2,723	1,262	4,492	5,725	7,299	8,817	8,472	7,656
16	5,560	3,170	4,295	1,753	2,361	1,880	4,442	5,800	7,648	8,277	9,157	8,058
17	5,747	4,073	4,139	827	2,110	3,097	4,760	6,264	7,501	8,298	9,084	8,369
18	5,165	3,737	3,327	1,070	1,901	17,515	4,887	6,124	8,269	8,565	8,942	7,809
19	5,503	3,900	3,626	1,098	3,150	17,239	4,468	6,492	8,341	8,559	9,026	8,087
20	6,131	3,685	3,497	962	2,982	16,888	4,826	6,069	8,357	8,650	8,560	7,185
21	4,776	3,481	2,724	109	3,242	17,088	4,025	5,913	8,510	9,106	9,050	7,565
22	4,020	3,554	3,411	400	2,364	17,034	4,535	5,653	7,536	9,221	8,699	7,110
23	4,646	3,593	3,556	762	2,668	14,719	4,982	6,077	7,810	9,207	8,367	7,251
24	4,441	4,062	3,346	764	2,590	13,787	4,781	6,475	8,313	8,812	8,759	7,074
25	4,711	4,045	3,848	867	2,725	11,638	4,818	5,828	8,238	8,931	8,921	7,359
26	4,218	3,492	2,388	1,993	3,106	9,849	4,708	4,796	7,694	9,191	9,396	6,559
27	4,444	3,605	2,222	1,784	2,704	6,758	4,508	6,297	7,575	9,222	9,334	6,681
28	3,627	3,796	3,235	1,072	2,653	4,247	4,550	5,571	7,800	9,184	9,478	6,344
29	4,538	3,572	2,967	1,077	3,002	4,327	4,381	6,369	7,311	9,232	9,631	6,701
30	4,774	3,771	2,958	491	3,002	5,232	4,757	5,548	7,621	8,896	9,517	6,666
31	4,687	2,974	2,974	393	5,651	5,651	6,478	6,478	8,789	8,789	9,420	9,420
TOTAL	162,898	121,672	105,521	49,433	74,072	187,342	136,941	180,844	229,199	269,100	280,812	234,791
MEAN	5,255	4,056	3,404	1,595	2,554	6,043	4,565	5,834	7,640	8,681	9,058	7,826
MAX	6,419	5,011	4,295	2,851	3,452	17,515	5,461	6,492	8,510	9,366	9,631	9,656
MIN	3,627	3,170	2,222	109	1,110	401	3,401	4,796	6,875	7,702	8,367	6,344
WATER YEAR TOTALS												
TOTAL	2,032,625											
DAILY MEAN	5,554											
DAILY MAX	17,515 03/18/2016											
DAILY MIN	109 01/21/2016											

UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA
KESWICK DAM, RESERVOIR, AND POWERPLANT

RUN DATE: October 4, 2016

QT

TOTAL RELEASE, CFS

WATER YEAR OCTOBER 2015 TO SEPTEMBER 2016

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6,542	5,068	3,995	3,121	2,974	3,118	4,991	5,178	7,092	9,399	10,189	9,466
2	6,544	4,685	3,996	3,121	2,973	3,118	4,881	5,192	7,528	9,390	10,190	9,416
3	6,545	4,698	3,993	3,121	2,970	3,119	4,834	5,192	7,576	9,387	10,193	9,439
4	6,543	4,702	3,997	3,119	2,969	3,091	4,840	5,672	7,614	9,387	10,187	9,437
5	6,545	4,704	4,058	3,076	2,972	3,163	4,728	5,696	7,644	9,388	10,189	9,451
6	6,544	4,704	4,208	3,080	2,994	3,161	4,588	5,692	7,644	9,410	10,190	9,016
7	6,544	4,701	4,211	3,091	2,996	3,163	4,594	5,756	7,627	9,388	10,156	9,008
8	6,536	4,704	4,213	3,086	2,992	3,109	4,587	5,842	7,621	10,052	10,071	9,040
9	6,505	4,702	4,204	3,078	3,012	3,025	4,582	5,953	7,618	10,087	10,083	8,583
10	6,534	4,701	4,161	3,051	3,067	3,091	4,588	6,237	7,618	10,087	9,963	8,546
11	6,510	4,697	4,190	3,064	3,070	4,219	4,588	6,242	7,618	10,081	10,048	8,545
12	6,511	4,505	4,192	3,065	3,051	4,514	4,612	6,241	7,617	10,088	10,187	8,547
13	6,509	4,298	4,139	3,068	3,052	4,609	4,659	6,199	7,628	10,087	10,188	8,545
14	6,506	4,290	4,137	3,033	3,055	4,504	4,645	6,193	7,669	10,092	10,159	8,547
15	6,510	4,156	4,156	3,088	3,054	4,598	4,648	6,194	7,644	10,090	10,074	8,545
16	6,509	3,953	4,162	3,120	3,055	4,692	4,644	6,193	7,642	10,123	10,137	8,544
17	6,506	3,944	4,171	3,013	3,055	4,692	4,647	6,195	7,641	10,090	10,159	8,545
18	6,498	4,039	4,171	2,994	3,050	18,000	4,648	6,192	8,395	10,086	10,188	8,543
19	6,652	4,081	4,172	2,970	3,054	18,874	4,648	6,191	8,779	10,090	10,187	8,550
20	6,188	4,035	4,171	2,981	3,055	18,591	4,650	6,193	8,775	10,086	10,137	8,003
21	5,913	4,053	4,170	2,974	3,057	18,537	4,667	6,193	8,777	10,089	10,138	7,994
22	5,732	4,054	4,153	2,973	3,052	18,558	4,669	6,193	8,790	10,090	10,170	7,512
23	5,472	4,061	3,889	2,932	3,066	16,063	4,667	6,192	8,793	10,090	10,140	7,489
24	5,467	4,054	3,632	2,961	3,092	13,226	4,669	6,194	8,787	10,088	10,140	7,491
25	5,388	4,044	3,335	3,045	3,119	10,631	4,669	6,192	8,789	10,085	10,113	7,494
26	5,164	4,017	3,079	3,047	3,121	8,552	4,589	6,229	8,788	10,044	10,134	7,499
27	5,164	4,012	3,082	3,046	3,118	7,136	4,689	6,243	8,692	9,966	10,136	7,492
28	5,166	4,005	3,092	3,046	3,119	4,890	4,717	6,242	8,692	10,151	10,141	7,329
29	5,168	3,996	3,133	3,063	3,119	4,885	4,720	6,241	8,689	10,188	10,196	7,366
30	4,866	3,996	3,101	3,044	3,119	4,936	4,743	6,243	8,691	10,189	10,162	7,365
31	4,803	2,999	3,103	2,999	3,119	4,942	4,743	6,244	8,691	10,189	10,135	7,365
TOTAL	188,584	129,643	120,466	94,470	88,333	230,807	140,401	186,849	242,478	308,056	314,480	251,347
MEAN	6,083	4,321	3,886	3,047	3,046	7,445	4,680	6,027	8,083	9,937	10,145	8,378
MAX	6,652	5,068	4,213	3,121	3,121	18,874	4,991	6,244	8,793	10,189	10,196	9,466
MIN	4,803	3,944	3,079	2,932	2,969	3,025	4,582	5,178	7,092	9,387	9,963	7,329

WATER YEAR TOTALS

TOTAL	2,295,914
DAILY MEAN	6,273
DAILY MAX	18,874 03/19/2016
DAILY MIN	2,932 01/23/2016

UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA
LEWISTON DAM, LAKE, AND JUDGE FRANCIS CARR POWERPLANT

RUN DATE: October 4, 2016

QT

TOTAL RELEASE, CFS

WATER YEAR OCTOBER 2015 TO SEPTEMBER 2016

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,212	348	785	663	307	315	326	2,170	3,632	2,890	1,554	1,861
2	1,215	331	505	605	306	313	325	2,467	3,433	2,676	1,492	1,703
3	1,215	407	716	315	319	382	325	2,903	3,595	2,681	1,452	1,689
4	1,232	378	1,706	591	306	315	324	3,462	3,399	2,558	1,512	1,720
5	1,283	824	1,575	546	306	314	328	3,303	3,409	2,876	1,394	1,839
6	1,769	1,008	1,065	792	306	315	385	4,009	3,206	2,742	1,366	1,735
7	1,375	763	887	319	306	315	326	3,834	3,252	2,482	1,288	1,744
8	1,233	333	703	524	306	315	334	5,681	3,215	2,450	1,380	1,641
9	1,341	324	324	902	306	347	339	8,718	3,197	2,478	1,404	1,652
10	1,310	381	316	408	306	315	336	9,475	3,340	1,728	1,542	1,621
11	842	766	315	633	307	326	421	7,531	3,394	2,305	1,432	1,529
12	976	756	315	594	818	326	349	5,962	3,055	2,372	1,432	1,874
13	724	585	324	610	626	323	655	8,500	2,999	2,556	1,477	1,599
14	719	581	320	595	515	322	330	9,228	2,663	2,682	1,375	1,483
15	724	305	340	306	306	320	341	7,436	2,184	2,967	1,446	1,461
16	492	664	805	305	420	326	340	5,656	2,231	3,238	1,443	1,532
17	508	967	846	473	521	331	340	4,422	2,546	2,342	1,454	1,488
18	503	704	768	306	305	330	335	4,223	2,097	2,595	1,432	1,500
19	530	601	694	306	305	354	341	4,245	2,018	2,329	1,428	1,499
20	475	473	343	305	305	329	386	4,163	2,110	2,104	1,562	1,677
21	372	562	330	306	305	329	606	4,051	2,260	1,878	1,674	1,563
22	325	445	315	306	305	330	800	3,971	3,212	1,338	1,587	1,732
23	570	478	315	306	421	329	702	3,970	3,299	1,725	1,770	1,535
24	592	764	315	306	312	328	510	3,924	3,066	1,588	1,437	1,440
25	337	766	472	306	484	323	1,057	3,457	2,872	1,849	1,658	1,406
26	336	407	326	306	316	322	1,408	3,625	2,963	1,462	1,807	1,413
27	850	766	321	306	448	321	1,998	3,391	2,928	1,826	1,787	1,646
28	859	835	462	373	485	324	1,642	3,438	2,813	1,694	1,817	1,452
29	328	374	623	698	322	325	2,136	3,400	2,675	1,504	1,768	1,412
30	336	829	614	306	325	325	2,956	3,614	2,779	1,728	1,707	1,469
31	335	549	549	306	324	324	324	3,344	1,742	1,742	1,835	1,835
TOTAL	24,918	17,726	18,294	13,923	10,900	10,113	21,061	147,573	87,842	69,385	47,712	47,915
MEAN	804	591	590	449	376	326	702	4,760	2,928	2,238	1,539	1,597
MAX	1,769	1,008	1,706	902	818	382	2,956	9,475	3,632	3,238	1,835	1,874
MIN	325	305	315	305	305	313	324	2,170	2,018	1,338	1,288	1,406
WATER YEAR TOTALS												
TOTAL	517,362											
DAILY MEAN	1,414											
DAILY MAX	9,475 05/10/2016											
DAILY MIN	305 11/15/2015											

UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA
WHISKEYTOWN DAM, LAKE, AND SPRING CREEK POWERPLANT

RUN DATE: October 4, 2016

QG **GENERATION RELEASE, CFS**

WATER YEAR OCTOBER 2015 TO SEPTEMBER 2016

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	756	344	69	14	1,708	304	28	14	14	638	1,019	329
2	669	353	16	14	1,480	450	14	14	353	827	944	403
3	670	14	35	14	1,147	482	19	14	94	1,248	790	250
4	593	14	1,064	14	144	116	15	14	280	1,174	767	249
5	667	22	1,612	430	16	342	15	14	91	1,166	709	14
6	589	30	14	1,011	14	687	27	14	14	1,163	712	328
7	458	42	50	346	14	1,081	18	14	14	700	943	14
8	375	33	109	656	14	1,761	14	14	14	899	789	564
9	807	16	14	14	19	2,061	893	14	14	1,173	814	560
10	788	34	45	14	514	1,908	18	14	14	1,336	740	307
11	14	86	36	771	731	1,775	1,124	14	14	685	634	405
12	511	87	22	351	348	1,888	18	14	14	1,164	676	483
13	535	19	216	900	14	1,988	14	14	14	1,265	792	483
14	571	17	361	1,220	189	1,964	14	14	14	1,256	878	405
15	677	52	14	685	369	1,999	14	14	14	1,389	941	410
16	811	18	14	207	342	1,930	14	14	14	1,738	790	273
17	270	227	15	733	285	2,062	14	14	14	1,578	789	14
18	597	24	277	792	14	2,043	14	14	69	1,520	1,100	525
19	654	17	15	703	189	2,131	14	20	382	1,187	791	495
20	664	57	14	1,960	247	2,133	14	14	101	1,167	1,104	348
21	409	21	550	2,467	191	2,136	14	14	14	840	894	185
22	865	20	401	1,325	360	2,141	14	14	841	714	1,074	362
23	609	15	495	1,306	485	2,100	14	14	476	714	1,407	21
24	803	16	71	753	40	380	14	70	412	865	1,032	320
25	632	23	103	1,640	14	179	14	14	443	869	460	214
26	800	14	14	1,362	14	160	14	1,089	678	713	494	587
27	729	25	14	2,047	389	261	14	14	842	454	307	793
28	788	14	14	1,903	273	704	14	14	643	775	399	742
29	214	14	16	1,401	14	154	14	14	845	927	404	584
30	188	15	14	2,144	14	14	14	14	841	955	383	596
31	185	14	14	2,112	14	45	20	20	1,108	328	328	328
TOTAL	17,898	1,683	5,718	29,309	9,578	37,379	2,455	1,577	7,587	32,207	23,904	11,263
MEAN	577	56	184	945	330	1,206	82	51	253	1,039	771	375
MAX	865	353	1,612	2,467	1,708	2,141	1,124	1,089	845	1,738	1,407	793
MIN	14	14	14	14	14	14	14	14	14	454	307	14
WATER YEAR TOTALS												
TOTAL	180,558											
DAILY MEAN	493											
DAILY MAX	2,467 01/21/2016											
DAILY MIN	14 10/11/2015											