

UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

NOVEMBER 2019

FULL NATURAL FLOW OF SAN JOAQUIN RIVER AT FRIANT DAM

RUN DATE: 12/01/2019

DAY				STORAGE - A.F.					RESERVOIR	— CHANGE —		MIL	NATURAL	ACCUM *	
	T.A.	FLO-	HUNT-	SHAVER	MAM-	RED-			TOTAL	A.F.	C.F.S.	INFLOW	RIVER	FULL	
	EDISON LAKE	RENCE LAKE	INGTON LAKE	LAKE	MOTH POOL	INGER LAKE	CRANE VALLEY	KERCK HOFF				C.F.S	C.F.S	NATURAL 1000 A.F.	
1	48,859	32,753	34,480	92,419	80,922	9,989	30,319	2,222	331,963	-2,047	-1,032	1,058	26	15.4	
2	48,709	32,696	34,196	91,718	78,967	9,578	30,034	2,220	328,118	-3,845	-1,938	2,107	169	15.8	
3	48,593	32,633	33,897	91,029	77,039	9,449	29,738	2,279	324,657	-3,461	-1,745	2,019	274	16.3	
4	48,420	32,570	33,635	90,692	76,253	9,199	29,456	1,834	322,059	-2,598	-1,310	1,573	263	16.8	
5	48,343	32,507	33,385	90,539	75,807	9,113	29,162	1,816	320,672	-1,387	-699	956	257	17.3	
6	48,175	32,449	33,133	90,344	75,238	9,038	28,881	1,932	319,190	-1,482	-747	982	235	17.8	
7	48,120	32,392	32,889	90,135	74,608	9,111	28,591	2,070	317,916	-1,274	-642	937	295	18.4	
8	48,088	32,328	32,643	89,844	73,733	8,735	28,304	2,194	315,869	-2,047	-1,032	1,126	94	18.6	
9	48,073	32,266	32,401	89,650	73,154	8,744	28,027	2,084	314,399	-1,470	-741	962	221	19.0	
10	48,071	32,196	32,160	89,441	72,514	8,670	27,728	2,151	312,931	-1,468	-740	956	216	19.4	
11	48,075	32,144	32,006	89,344	72,490	8,999	27,443	1,824	312,325	-606	-306	740	434	20.3	
12	48,024	32,087	31,901	89,150	72,798	8,748	27,150	2,137	311,995	-330	-166	368	202	20.7	
13	48,012	32,030	31,797	88,996	73,136	8,414	26,867	1,713	310,965	-1,030	-519	660	141	21.0	
14	47,988	31,955	31,687	88,830	73,456	8,228	26,588	1,975	310,707	-258	-130	109	-21	20.9	
15	47,951	31,904	31,487	88,789	73,766	8,213	26,293	1,735	310,138	-569	-287	485	198	21.3	
16	47,964	31,835	31,278	88,761	74,077	8,305	25,986	2,066	310,272	+134	+68	-62	6	21.3	
17	47,980	31,778	31,101	88,623	74,406	8,720	25,709	1,770	310,087	-185	-93	376	283	21.9	
18	47,948	31,716	30,855	88,443	74,733	8,733	25,408	1,910	309,746	-341	-172	378	206	22.3	
19	47,907	31,648	30,614	88,238	75,043	8,761	25,018	1,833	309,062	-684	-345	643	298	22.9	
20	47,842	31,579	30,325	88,003	75,373	9,148	24,855	1,776	308,901	-161	-81	344	263	23.4	
21	47,833	31,516	30,038	87,688	75,678	9,627	24,596	1,924	308,900	-1	-1	248	247	23.9	
22	47,789	30,556	30,389	87,371	75,986	10,069	24,275	1,828	308,263	-637	-321	383	62	24.0	
23	47,812	27,516	32,816	86,754	76,303	10,946	23,976	1,924	308,047	-216	-109	322	213	24.5	
24	47,777	24,451	35,399	86,374	76,602	11,085	23,687	2,137	307,512	-535	-270	452	182	24.8	
25	47,784	21,416	38,011	85,951	76,879	11,128	23,390	2,157	306,716	-796	-401	576	175	25.2	
26	47,785	18,377	40,769	85,668	77,208	11,272	23,112	1,948	306,139	-577	-291	622	331	25.8	
27	47,793	15,412	43,519	85,613	77,565	11,415	22,928	1,988	306,233	+94	+47	639	686	27.2	
28	47,808	12,451	46,089	85,300	77,891	11,437	22,661	1,898	305,535	-698	-352	691	339	27.9	
29	47,892	9,623	48,552	84,963	78,269	11,449	22,544	1,998	305,290	-245	-124	656	532	28.9	
30	47,860	6,880	51,016	84,652	78,571	11,524	22,586	1,877	304,966	-324	-163	468	305	29.5	
TOTALS										-29,044		7,132			
* October 1, 2019 TO DATE												14,146			