

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

DECEMBER 2019

FULL NATURAL FLOW OF SAN JOAQUIN RIVER AT FRIANT DAM

RUN DATE: 01/01/2020

DAY	T.A. FLO- HUNT-			STORAGE - A.F.		RED-			RESERVOIR TOTAL	— CHANGE — A.F. C.F.S.		MIL INFLOW C.F.S	NATURAL RIVER C.F.S	ACCUM * FULL NATURAL 1000 A.F.	
	EDISON	RENCE	INGTON	SHAVER	MAM-	RED-	CRANE	KERCK							
	LAKE	LAKE	LAKE	LAKE	MOTH POOL	INGER LAKE	VALLEY	HOFF							
1	48,019	5,331	52,490	84,586	79,321	11,444	22,895	2,394	306,480	+1,514	+763	450	1,213	31.9	
2	48,007	5,080	52,368	84,290	79,846	10,913	22,978	2,372	305,854	-626	-316	677	361	32.6	
3	48,084	4,984	52,151	84,114	80,370	10,747	23,045	2,399	305,894	+40	+20	640	660	33.9	
4	48,073	5,118	51,892	84,290	81,309	10,837	23,271	2,270	307,060	+1,166	+588	743	1,331	36.6	
5	48,127	5,193	51,614	84,049	81,938	10,975	23,355	2,338	307,589	+529	+267	596	863	38.3	
6	48,150	5,277	51,107	83,524	82,439	10,709	23,406	2,347	306,959	-630	-318	780	462	39.2	
7	48,227	5,412	51,010	83,673	83,580	11,042	23,679	2,276	308,899	+1,940	+978	668	1,646	42.5	
8	48,286	5,501	50,931	83,834	85,596	11,391	23,645	2,399	311,583	+2,684	+1,353	790	2,143	46.7	
9	48,311	5,594	50,647	83,632	86,520	10,891	24,431	2,252	312,278	+695	+350	903	1,253	49.2	
10	48,284	5,686	50,155	83,336	87,214	10,813	24,536	2,312	312,336	+58	+29	790	819	50.8	
11	48,220	5,766	49,612	82,977	87,848	11,023	24,553	2,170	312,169	-167	-84	788	704	52.2	
12	48,026	5,866	49,226	82,578	88,466	11,028	24,620	2,381	312,191	+22	+11	671	682	53.6	
13	47,791	5,991	49,084	82,324	89,148	10,875	24,691	2,348	312,252	+61	+31	675	706	55.0	
14	47,595	6,114	49,029	82,165	88,667	11,270	24,863	2,132	311,835	-417	-210	1,012	802	56.6	
15	47,319	6,193	48,914	81,913	87,841	11,109	24,855	2,356	310,500	-1,335	-673	1,271	598	57.8	
16	46,973	6,249	48,598	81,489	85,986	11,183	24,907	2,264	307,649	-2,851	-1,437	2,014	577	58.9	
17	46,539	6,325	48,223	80,805	84,011	11,676	24,942	2,244	304,765	-2,884	-1,454	1,860	406	59.7	
18	46,120	6,394	48,045	80,239	82,084	11,478	24,985	2,034	301,379	-3,386	-1,707	2,299	592	60.9	
19	45,739	6,447	47,868	79,687	80,463	10,634	25,029	2,076	297,943	-3,436	-1,732	2,443	711	62.3	
20	45,302	6,501	47,635	79,077	78,767	10,901	25,064	1,842	295,089	-2,854	-1,439	1,929	490	63.3	
21	44,932	6,558	47,453	78,621	77,125	10,965	25,108	1,845	292,607	-2,482	-1,251	1,798	547	64.4	
22	44,602	6,614	47,313	78,257	75,568	11,080	25,152	1,743	290,329	-2,278	-1,148	1,818	670	65.7	
23	44,109	6,685	47,088	77,881	74,064	11,302	25,276	1,863	288,268	-2,061	-1,039	2,005	966	67.6	
24	43,768	6,759	46,936	77,610	72,920	11,338	25,356	1,703	286,390	-1,878	-947	1,656	709	69.0	
25	43,297	6,824	46,751	77,289	71,636	11,345	25,391	1,903	284,436	-1,954	-985	1,548	563	70.1	
26	42,768	6,893	46,455	76,826	69,761	11,662	25,462	1,812	281,639	-2,797	-1,410	1,908	498	71.1	
27	42,318	6,935	46,278	76,439	68,441	11,706	25,488	1,848	279,453	-2,186	-1,102	1,575	473	72.1	
28	42,014	6,987	46,110	76,067	67,347	11,647	25,514	1,798	277,484	-1,969	-993	1,498	505	73.1	
29	41,629	7,052	45,890	75,609	66,036	11,777	25,558	1,823	275,374	-2,110	-1,064	1,303	239	73.5	
30	41,136	7,115	45,698	75,202	64,773	11,819	25,602	1,708	273,053	-2,321	-1,170	1,642	472	74.5	
31	40,777	7,162	45,534	74,718	63,674	11,816	25,646	1,737	271,064	-1,989	-1,003	1,473	470	75.4	
TOTALS										-33,902		23,131			
* October 1, 2019 TO DATE												45,880			