

# 2021 SAN JOAQUIN RIVER WATER YEAR FORECAST BREAKDOWN

February 1, 2021

## Stanislaus River below Goodwin Reservoir Unimpaired Flow [taf]

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	WY	Apr-Jul	WY % of avg
99%	8	7	9	25	24	48	82	103	50	10	2	2	370	245	63%
90%	8	7	9	25	35	64	112	150	74	14	4	3	505	350	
75%	8	7	9	25	55	78	136	183	89	17	5	4	615	425	
50%	8	7	9	25	66	94	160	215	105	20	6	5	720	500	
25%	8	7	9	25	84	122	206	273	135	26	10	6	910	640	
10%	8	7	9	25	100	146	253	339	166	32	12	8	1,105	790	
1966-2015 avg													1,149	682	

## Tuolumne River below La Grange Reservoir Unimpaired Flow [taf]

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	WY	Apr-Jul	
99%	6	1	14	17	55	81	132	199	132	26	5	2	670	489	65%
90%	6	1	14	17	67	105	188	286	188	38	7	3	920	700	
75%	6	1	14	17	85	125	219	338	219	44	8	4	1,080	820	
50%	6	1	14	17	104	153	250	380	250	50	10	5	1,240	930	
25%	6	1	14	17	125	180	306	463	306	65	12	6	1,500	1,140	
10%	6	1	14	17	151	224	363	535	362	90	15	8	1,785	1,350	
1966-2015 avg													1,909	1,193	

## Merced River below Merced Falls Unimpaired Flow (below Lake McClure) [taf]

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	WY	Ap-Jly	
99%	5	5	6	20	24	32	65	95	53	12	2	1	320	225	64%
90%	5	5	6	20	34	45	92	136	75	17	3	2	440	320	
75%	5	5	6	20	41	58	115	170	94	21	4	2	540	400	
50%	5	5	6	20	49	67	135	200	110	25	5	3	630	470	
25%	5	5	6	20	61	82	169	252	138	31	6	5	780	590	
10%	5	5	6	20	77	102	204	302	166	38	8	8	940	710	
1966-2015 avg													992	623	

## San Joaquin River inflow to Millerton Lake Unimpaired Flow [taf]

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	WY	Ap-Jly	
99%	8	12	13	23	26	48	85	143	93	34	11	4	500	355	62%
90%	8	12	13	23	36	64	138	235	152	55	17	7	760	580	
75%	8	12	13	23	54	84	169	287	186	68	19	8	930	710	
50%	8	12	13	23	70	109	200	340	220	80	25	10	1,110	840	
25%	8	12	13	23	86	135	240	409	265	96	31	12	1,330	1,010	
10%	8	12	13	23	100	155	281	478	309	112	36	14	1,540	1,180	
1966-2015 avg													1,793	1,228	

## Sum of above Unimpaired Flows in San Joaquin River Tributaries [taf]

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	WY	Ap-Jly	
99%	27	24	42	85	130	209	364	540	328	82	20	9	1,860	1,314	63%
90%	27	24	42	85	173	278	530	807	489	124	31	15	2,625	1,950	
75%	27	24	42	85	234	344	639	978	588	150	36	18	3,165	2,355	
50%	27	24	42	85	289	423	745	1135	685	175	46	23	3,700	2,740	
25%	27	24	42	85	356	519	921	1396	844	218	59	30	4,520	3,379	
10%	27	24	42	85	427	627	1101	1654	1003	272	70	38	5,370	4,030	
1966-2015 avg													5,843	3,726	

## Eight River Index [taf]

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	WY	Ap-Jly	
99%	390	397	480	716	848	1188	1227	1262	704	332	234	223	8,000	3,525	42%
90%	390	397	480	716	1090	1537	1655	1771	1001	443	295	261	10,035	4,870	
75%	390	397	480	716	1388	1833	2039	2163	1185	501	331	293	11,715	5,888	
50%	390	397	480	716	1672	2134	2475	2585	1410	570	366	325	13,520	7,040	57%
25%	390	397	480	716	1954	2567	2862	3105	1781	699	451	405	15,805	8,446	78%
10%	390	397	480	716	2430	3026	3391	3659	2167	853	498	454	18,460	10,070	
1966-2015 avg													23,688	10,019	

Previous Month 8 River Index Jan 716 taf