

Oakley Basin SWSI

Adequate Water Supply Greater than -0.3 SWSI or 50 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years
13083500	Oakley Reservoir Inflow	Apr-Sep	strm	1991-2021	31 Units KAF
13083500	Oakley Reservoir	31-Mar	resv	1991-2021	31 Units KAF

ENSO Classification
SE Strong El Nino - EN Mild El Nino - N Neutral - LN Mild La Nina - SL Strong La Nina

Rank	Year	Enso	Stream Flow Apr-Sep	Reservoir 31-Mar	Streamflow + Reservoir Sum	Non-Exceedance Probability	SWSI
1	1998	SE	42	47	89	97%	3.9
2	2006	N	47	41	88	94%	3.6
3	2017	LN	38	47	85	91%	3.4
4	1999	SL	34	48	83	88%	3.1
5	1997	N	40	38	78	84%	2.9
6	2011	SL	47	26	73	81%	2.6
7	2019	N	40	27	67	78%	2.3
8	1996	N	30	35	65	75%	2.1
9	2007	EN	13	48	61	72%	1.8
10	2020	N	19	38	57	69%	1.6
11	2000	N	14	43	57	66%	1.3
12	2005	EN	36	18	54	63%	1.0
13	2012	LN	12	42	54	59%	0.8
14	2009	N	28	25	53	56%	0.5
15	1995	SE	33	19	52	53%	0.3
16	2018	LN	10	40	50	50%	0.0
17	2008	N	19	30	49	47%	-0.3
18	2010	EN	17	28	46	44%	-0.5
19	1993	EN	29	17	46	41%	-0.8
20	2016	SE	23	22	45	38%	-1.0
21	2013	N	15	26	41	34%	-1.3
2022 10% Chance Exceedance Forcast		LN	21	19	40	33%	-1.4
22	2001	LN	9	29	38	31%	-1.6
23	2002	N	20	17	38	28%	-1.8
24	2014	N	15	22	37	25%	-2.1
25	2021	LN	9	27	36	22%	-2.3
2022 30% Chance Exceedance Forcast		LN	16	19	36	20%	-2.5
26	2015	EN	13	22	35	19%	-2.6
27	2004	N	19	15	34	16%	-2.9
2022 50% Chance Exceedance Forcast		LN	13	19	32	15%	-3.0
2022 70% Chance Exceedance Forcast		LN	10	19	30	14%	-3.0
28	1994	SE	10	17	27	13%	-3.1
2022 90% Chance Exceedance Forcast		LN	7	19	26	11%	-3.3
29	1991	N	12	13	26	9%	-3.4
30	2003	EN	8	17	25	6%	-3.6
31	1992	EN	4	14	18	3%	-3.9