

Oakley Basin SWSI

Adequate Water Supply Greater than 0.8 SWSI or 50 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years
13083500	Oakley Reservoir Inflow	Mar-Sep	strm	1991-2021	31 Units KAF
13083500	Oakley Reservoir	31-Dec	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 Mar-Sep	Reservoir 31-Dec	Streamflow + Reservoir Sum	Non-Exceedance Probability	SWSI
1	1998	SE	46	38	85	97%	3.9
2	2006	N	54	27	81	94%	3.6
3	1999	SL	39	40	78	91%	3.4
4	1997	N	46	27	72	88%	3.1
5	2011	SL	52	16	67	84%	2.9
6	2017	LN	49	16	65	81%	2.6
7	2019	N	44	17	62	78%	2.3
8	1996	N	37	21	57	75%	2.1
9	2007	EN	18	39	57	72%	1.8
10	2020	N	24	31	54	69%	1.6
11	2000	N	18	35	52	66%	1.3
12	2005	EN	40	10	50	63%	1.0
13	2012	LN	17	32	49	59%	0.8
14	2009	N	31	16	47	56%	0.5
15	2018	LN	14	33	47	53%	0.3
16	2008	N	22	23	45	50%	0.0
17	1995	SE	38	7	45	47%	-0.3
18	2010	EN	21	22	43	44%	-0.5
19	1993	EN	35	7	42	41%	-0.8
20	2016	SE	27	12	39	38%	-1.0
21	2013	N	19	19	38	34%	-1.3
22	2001	LN	13	22	34	31%	-1.6
23	2002	N	24	10	34	28%	-1.8
24	2021	?	12	21	34	25%	-2.1
25	2014	N	19	13	32	22%	-2.3
26	2015	EN	16	15	31	19%	-2.6
27	2004	N	24	7	31	16%	-2.9
28	1994	SE	13	11	24	13%	-3.1
29	1991	N	15	7	22	9%	-3.4
30	2003	EN	10	11	21	6%	-3.6
31	1992	EN	7	7	14	3%	-3.9
	2022 10% Chance Exceedance Forcast	?	0	11	11.377	3%	-3.9
	2022 30% Chance Exceedance Forcast	?	0	11	11.377	2%	-4.0
	2022 50% Chance Exceedance Forcast	?	0	11	11.377	2%	-4.0
	2022 70% Chance Exceedance Forcast	?	0	11	11.377	1%	-4.1
	2022 90% Chance Exceedance Forcast	?	0	11	11.377	1%	-4.1