

Oakley Basin SWSI

Adequate Water Supply Greater than 0.6 SWSI or 50 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years		
13083500	Oakley Reservoir Inflow	Mar-Sep	strm	1991-2022	32 Units KAF		
13083500	Oakley Reservoir	31-Jan	resv	1991-2022	32 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-Jan	Streamflow + Reservoir Sum	Non-Exceedance Probability	SWSI
1	1998	SE	46	41	87	97%	3.9
2	2006	N	54	31	84	94%	3.7
3	1999	SL	39	42	81	91%	3.4
4	1997	N	46	30	76	88%	3.2
5	2011	SL	52	19	71	85%	2.9
6	2017	LN	49	18	67	82%	2.7
7	2019	N	44	19	63	79%	2.4
8	1996	N	37	23	59	76%	2.1
2023 10% Chance Exceedance Forecast		LN	47	12	59	74%	2.0
9	2007	EN	18	40	58	73%	1.9
10	2020	N	24	32	56	70%	1.6
11	2000	N	18	37	55	67%	1.4
12	2005	EN	40	12	52	64%	1.1
13	2012	LN	17	34	51	61%	0.9
14	2009	N	31	18	50	58%	0.6
2023 30% Chance Exceedance Forecast		LN	37	12	49	56%	0.5
15	2018	LN	14	35	49	55%	0.4
16	1995	SE	38	11	48	52%	0.1
17	2008	N	22	25	47	48%	-0.1
18	2010	EN	21	24	45	45%	-0.4
19	1993	EN	35	8	44	42%	-0.6
2023 50% Chance Exceedance Forecast		LN	30	12	42	41%	-0.8
20	2016	SE	27	14	41	39%	-0.9
21	2013	N	19	20	39	36%	-1.1
22	2014	N	19	18	37	33%	-1.4
23	2001	LN	13	24	36	30%	-1.6
2023 70% Chance Exceedance Forecast		LN	24	12	36	29%	-1.8
24	2002	N	24	12	36	27%	-1.9
25	2021	LN	12	23	35	24%	-2.1
26	2015	EN	16	17	33	21%	-2.4
27	2004	N	24	9	32	18%	-2.7
28	2022	LN	17	13	30	15%	-2.9
2023 90% Chance Exceedance Forecast		LN	16	12	29	14%	-3.0
29	1994	SE	13	13	26	12%	-3.2
30	2003	EN	10	13	23	9%	-3.4
31	1991	N	15	8	23	6%	-3.7
32	1992	EN	7	9	16	3%	-3.9