

Owyhee Basin SWSI

Adequate Water Supply Greater than -1.6 SWSI or 575 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years
13183000	Owyhee R blw Owyhee Dam	Feb-Sep	strm	1991-2021	31 Units KAF
13182500	Lake Owyhee nr Nyssa	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 Feb-Sep	Reservoir 31-Dec	Streamflow + Reservoir Sum	Non-Exceedance Probability	SWSI	
1	2006	N	1161	474	1635	97%	3.9	
2	2011	SL	1347	215	1561	94%	3.6	
3	1998	SE	897	438	1336	91%	3.4	
4	1996	N	825	479	1304	88%	3.1	
5	2017	LN	1024	213	1236	84%	2.9	
6	1997	N	784	443	1227	81%	2.6	
2022 10% Chance Exceedance Forecast			?	1100	119	1219	80%	2.5
7	1999	SL	662	480	1142	78%	2.3	
8	1993	EN	1097	37	1134	75%	2.1	
9	2019	N	746	254	1000	72%	1.8	
2022 30% Chance Exceedance Forecast			?	800	119	919	70%	1.7
10	1995	SE	825	85	910	69%	1.6	
11	2005	EN	660	152	813	66%	1.3	
12	2020	N	331	481	812	63%	1.0	
13	2000	N	349	426	775	59%	0.8	
14	2012	LN	257	492	749	56%	0.5	
2022 50% Chance Exceedance Forecast			?	625	119	744	55%	0.4
15	2007	EN	241	448	689	53%	0.3	
16	2018	LN	226	461	687	50%	0.0	
17	2008	N	504	174	678	47%	-0.3	
18	2009	N	442	186	628	44%	-0.5	
19	2016	SE	545	70	614	41%	-0.8	
2022 70% Chance Exceedance Forecast			?	470	119	589	39%	-0.9
20	2010	EN	425	160	585	38%	-1.0	
21	2004	N	524	56	580	34%	-1.3	
22	1994	SE	152	423	575	31%	-1.6	
23	2001	LN	316	251	567	28%	-1.8	
24	2002	N	459	103	562	25%	-2.1	
25	2021	?	186	329	515	22%	-2.3	
26	1991	N	291	201	491	19%	-2.6	
27	2013	N	198	264	462	16%	-2.9	
2022 90% Chance Exceedance Forecast			?	280	119	399	14%	-3.0
28	2003	EN	220	113	334	13%	-3.1	
29	2015	EN	179	75	254	9%	-3.4	
30	2014	N	185	61	246	6%	-3.6	
31	1992	EN	129	94	223	3%	-3.9	