

Owyhee Basin SWSI

Adequate Water Supply Greater than -2.1 SWSI or 575 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years		
13183000	Owyhee R blw Owyhee Dam	Feb-Sep	strm	1991-2022	32 Units KAF		
13182500	Lake Owyhee nr Nyssa	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 Feb-Sep	Reservoir 31-Jan	Streamflow + Reservoir Sum	Non-Exceedance Probability	SWSI
1	2006	N	1161	594	1755	97%	3.9
2	2011	SL	1347	356	1702	94%	3.7
3	1997	N	784	596	1380	91%	3.4
4	1998	SE	897	468	1365	88%	3.2
5	1996	N	825	526	1351	85%	2.9
6	2017	LN	1024	247	1270	82%	2.7
7	1999	SL	662	512	1174	79%	2.4
8	1993	EN	1097	60	1157	76%	2.1
2023 10% Chance Exceedance Forecast		LN	915	119	1034	74%	2.0
9	2019	N	746	274	1020	73%	1.9
10	1995	SE	825	147	972	70%	1.6
11	2020	N	331	509	840	67%	1.4
12	2005	EN	660	173	834	64%	1.1
2023 30% Chance Exceedance Forecast		LN	695	119	814	62%	1.0
13	2000	N	349	448	797	61%	0.9
14	2012	LN	257	517	773	58%	0.6
15	2018	LN	226	491	716	55%	0.4
16	2007	EN	241	467	708	52%	0.1
17	2008	N	504	192	696	48%	-0.1
2023 50% Chance Exceedance Forecast		LN	560	119	679	47%	-0.3
18	2009	N	442	207	649	45%	-0.4
19	2016	SE	545	98	643	42%	-0.6
20	2010	EN	425	186	611	39%	-0.9
21	2004	N	524	78	602	36%	-1.1
22	2002	N	459	136	595	33%	-1.4
23	1994	SE	152	441	593	30%	-1.6
24	2001	LN	316	271	587	27%	-1.9
2023 70% Chance Exceedance Forecast		LN	445	119	564	26%	-2.0
25	2021	LN	186	348	534	24%	-2.1
26	1991	N	291	221	511	21%	-2.4
27	2013	N	198	281	479	18%	-2.7
28	2022	LN	322	144	467	15%	-2.9
2023 90% Chance Exceedance Forecast		LN	295	119	414	14%	-3.0
29	2003	EN	220	138	358	12%	-3.2
30	2015	EN	179	120	299	9%	-3.4
31	2014	N	185	78	263	6%	-3.7
32	1992	EN	129	113	242	3%	-3.9