

## Boise River Basin SWSI

Adequate Water Supply Greater than -1.6 SWSI or 1,500 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years
13202000	BOISE RIVER NEAR BOISE, ID	Apr-Sep	strm	1991-2021	31 Units KAF
13201500	LUCKY PEAK	31-Dec	resv	1991-2021	31 Units KAF
13194000	ARROWROCK	31-Dec	resv	1991-2021	31 Units KAF
13190000	ANDERSON RANCH	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 Apr- Sep	Reservoir 31-Dec	Streamflow + Reservoir Sum	Non- Exceedance Probability	SWSI
1	1997	N	2491	771	3262	97%	3.9
2	2017	LN	2463	501	2964	94%	3.6
3	1996	N	2066	748	2813	91%	3.4
4	2006	N	2162	469	2631	88%	3.1
5	2011	SL	1965	568	2533	84%	2.9
6	1999	SL	1838	677	2515	81%	2.6
7	1998	SE	1701	717	2418	78%	2.3
8	2012	LN	1611	654	2265	75%	2.1
9	2019	N	1724	495	2219	72%	1.8
10	1995	SE	1883	210	2094	69%	1.6
11	2018	LN	1221	720	1941	66%	1.3
12	2009	N	1323	535	1858	63%	1.0
13	1993	EN	1656	169	1826	59%	0.8
14	2008	N	1382	412	1794	56%	0.5
15	2010	EN	1224	547	1770	53%	0.3
16	2000	N	1154	610	1765	50%	0.0
17	2016	SE	1254	471	1725	47%	-0.3
18	2014	N	1178	425	1603	44%	-0.5
19	2003	EN	1219	328	1546	41%	-0.8
20	2002	N	1178	344	1522	38%	-1.0
21	2020	N	922	590	1512	34%	-1.3
22	2004	N	974	431	1405	31%	-1.6
23	2007	EN	739	594	1333	28%	-1.8
24	2005	EN	931	388	1319	25%	-2.1
25	2015	EN	750	544	1294	22%	-2.3
26	2021	?	745	516	1261	19%	-2.6
27	2013	N	704	537	1241	16%	-2.9
28	1994	SE	590	646	1236	13%	-3.1
29	1991	N	734	408	1142	9%	-3.4
30	2001	LN	546	473	1019	6%	-3.6
31	1992	EN	471	238	708	3%	-3.9
	2022 10% Chance Exceedance Forcast	?	0	399	398.691	3%	-3.9
	2022 30% Chance Exceedance Forcast	?	0	399	398.691	2%	-4.0
	2022 50% Chance Exceedance Forcast	?	0	399	398.691	2%	-4.0
	2022 70% Chance Exceedance Forcast	?	0	399	398.691	1%	-4.1
	2022 90% Chance Exceedance Forcast	?	0	399	398.691	1%	-4.1