

Bear River Basin SWSI

Adequate Water Supply Greater than -3.6 SWSI or 280 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years
10046500	Bear River at Stewart Dam	Apr-Sep	strm	1991-2021	31 Units KAF
10055500	Bear Lake	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	1999	SL	396	1021	1417	97%	3.9
2	1998	SE	403	1008	1411	94%	3.6
3	1997	N	486	778	1265	91%	3.4
4	2018	LN	90	1036	1126	88%	3.1
5	2011	SL	675	397	1072	84%	2.9
6	2000	N	55	996	1051	81%	2.6
7	2020	N	122	910	1032	78%	2.3
8	2019	N	210	810	1020	75%	2.1
9	2017	LN	541	459	1001	72%	1.8
10	2012	LN	40	959	999	69%	1.6
2022 10% Chance Exceedance Forecast		?	430	537	967	68%	1.5
2022 30% Chance Exceedance Forecast		?	275	537	812	67%	1.4
11	2021	?	11	785	796	66%	1.3
12	2013	N	22	756	778	63%	1.0
13	2001	LN	18	740	758	59%	0.8
14	1996	N	285	457	742	56%	0.5
2022 50% Chance Exceedance Forecast		?	191	537	728	55%	0.4
2022 70% Chance Exceedance Forecast		?	121	537	658	54%	0.3
15	2014	N	120	532	652	53%	0.3
16	2015	EN	89	521	610	50%	0.0
17	2016	SE	146	460	606	47%	-0.3
2022 90% Chance Exceedance Forecast		?	47	537	584	45%	-0.4
18	2010	EN	122	407	528	44%	-0.5
19	2002	N	10	456	466	41%	-0.8
20	2009	N	213	243	456	38%	-1.0
21	2007	EN	39	404	444	34%	-1.3
22	1991	N	81	360	442	31%	-1.6
23	1994	SE	25	400	425	28%	-1.8
24	1995	SE	238	180	418	25%	-2.1
25	2006	N	160	252	412	22%	-2.3
26	1993	EN	276	87	364	19%	-2.6
27	1992	EN	21	338	359	16%	-2.9
28	2008	N	131	226	357	13%	-3.1
29	2005	EN	285	0	285	9%	-3.4
30	2003	EN	13	233	246	6%	-3.6
31	2004	N	22	16	37	3%	-3.9