

Bear River Basin SWSI

Adequate Water Supply Greater than -3.7 SWSI or 280 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years		
10046500	Bear River at Stewart Dam	Apr-Sep	strm	1991-2022	32 Units KAF		
10055500	Bear Lake	31-Jan	resv	1991-2022	32 Units KAF		
<b>ENSO Classification</b>							
<b>SE Strong El Nino - EN Mild El Nino - N Neutral - LN Mild La Nina - SL Strong La Nina</b>							
Rank	Year	Enso	Stream Flow Apr-Sep	Reservoir 31-Jan	Streamflow + Reservoir Sum	Non-Exceedance Probability	SWSI
1	1999	SL	396	1017	1413	97%	3.9
2	1998	SE	403	1000	1403	94%	3.7
3	1997	N	486	810	1297	91%	3.4
4	2018	LN	90	1012	1102	88%	3.2
5	2011	SL	675	413	1088	85%	2.9
6	2000	N	55	992	1046	82%	2.7
7	2017	LN	541	494	1035	79%	2.4
8	2020	N	122	912	1034	76%	2.1
9	2019	N	210	821	1031	73%	1.9
10	2012	LN	40	972	1012	70%	1.6
11	2021	LN	11	795	806	67%	1.4
12	2013	N	22	761	784	64%	1.1
13	2001	LN	18	755	774	61%	0.9
2023 10% Chance Exceedance Forecast		LN	375	396	771	59%	0.8
14	1996	N	285	472	757	58%	0.6
15	2014	N	120	536	656	55%	0.4
2023 30% Chance Exceedance Forecast		LN	250	396	646	53%	0.3
16	2015	EN	89	548	637	52%	0.1
17	2016	SE	146	472	618	48%	-0.1
18	2022	LN	42	546	588	45%	-0.4
2023 50% Chance Exceedance Forecast		LN	181	396	577	44%	-0.5
19	2010	EN	122	420	542	42%	-0.6
2023 70% Chance Exceedance Forecast		LN	123	396	519	41%	-0.8
20	2002	N	10	464	474	39%	-0.9
21	2009	N	213	255	468	36%	-1.1
22	1991	N	81	375	456	33%	-1.4
2023 90% Chance Exceedance Forecast		LN	58	396	454	32%	-1.5
23	2007	EN	39	413	453	30%	-1.6
24	1995	SE	238	198	436	27%	-1.9
25	2006	N	160	276	436	24%	-2.1
26	1994	SE	25	406	431	21%	-2.4
27	1993	EN	276	96	373	18%	-2.7
28	2008	N	131	238	369	15%	-2.9
29	1992	EN	21	346	367	12%	-3.2
30	2005	EN	285	4	288	9%	-3.4
31	2003	EN	13	239	252	6%	-3.7
32	2004	N	22	22	43	3%	-3.9