

Big Wood River Basin SWSI

Adequate Water Supply Greater than 0.9 SWSI or 275 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years		
13142500	Big Wood R blw Magic Reservoir	Apr-Sep	strm	1991-2022	32 Units KAF		
13142000	Magic Reservoir	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 Apr-Sep	Reservoir 31-Jan	Streamflow + Reservoir Sum	Non-Exceedance Probability	SWSI
1	2017	LN	710	88	797	97%	3.9
2	1997	N	605	121	726	94%	3.7
3	2006	N	636	57	693	91%	3.4
4	1998	SE	427	153	580	88%	3.2
5	1999	SL	420	135	556	85%	2.9
6	1995	SE	518	13	531	82%	2.7
7	2019	N	424	83	508	79%	2.4
2023 10% Chance Exceedance Forcast		LN	475	25	500	77%	2.3
8	1996	N	351	144	495	76%	2.1
9	2011	SL	322	86	408	73%	1.9
10	1993	EN	355	12	366	70%	1.6
11	2018	LN	204	160	363	67%	1.4
2023 30% Chance Exceedance Forcast		LN	335	25	360	65%	1.3
12	2012	LN	238	121	359	64%	1.1
2023 50% Chance Exceedance Forcast		LN	250	25	275	62%	1.0
13	2000	N	165	102	267	61%	0.9
14	2009	N	219	27	247	58%	0.6
15	2010	EN	167	78	246	55%	0.4
16	2016	SE	187	33	220	52%	0.1
17	2005	EN	194	23	217	48%	-0.1
2023 70% Chance Exceedance Forcast		LN	180	25	205	47%	-0.3
18	2008	N	178	20	198	45%	-0.4
19	2020	N	56	129	184	42%	-0.6
20	2007	EN	60	116	175	39%	-0.9
21	2003	EN	140	18	158	36%	-1.1
22	2002	N	120	16	137	33%	-1.4
23	2014	N	84	43	127	30%	-1.6
24	2022	LN	105	21	126	27%	-1.9
2023 90% Chance Exceedance Forcast		LN	97	25	122	26%	-2.0
25	2015	EN	79	38	117	24%	-2.1
26	1994	SE	31	82	113	21%	-2.4
27	1991	N	76	19	95	18%	-2.7
28	2013	N	66	23	89	15%	-2.9
29	2004	N	66	21	86	12%	-3.2
30	2001	LN	38	43	81	9%	-3.4
31	2021	LN	32	24	56	6%	-3.7
32	1992	EN	24	19	43	3%	-3.9