

Big Lost River Basin SWSI

Adequate Water Supply Greater than 0.8 SWSI or 180 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years
13127000	Big Lost R blw Mackay Reservoir	Apr-Sep	strm	1991-2021	31 Units KAF
13126000	Mackay Reservoir	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	2017	LN	310	34	344	97%	3.9
2	1995	SE	272	15	287	94%	3.6
3	1997	N	244	15	260	91%	3.4
4	2006	N	216	24	240	88%	3.1
5	2018	LN	204	34	238	84%	2.9
6	1999	SL	196	30	226	81%	2.6
7	1998	SE	198	24	222	78%	2.3
8	1996	N	171	33	205	75%	2.1
9	2019	N	170	31	201	72%	1.8
10	2011	SL	160	32	192	69%	1.6
11	1993	EN	169	16	185	66%	1.3
12	2009	N	166	19	184	63%	1.0
13	2012	LN	134	33	167	59%	0.8
14	2010	EN	135	31	166	56%	0.5
15	2005	EN	142	16	158	53%	0.3
16	2016	SE	119	23	143	50%	0.0
17	2008	N	105	17	122	47%	-0.3
18	1991	N	106	14	120	44%	-0.5
19	2013	N	88	28	117	41%	-0.8
20	2000	N	89	26	115	38%	-1.0
21	2015	EN	89	24	113	34%	-1.3
22	2020	N	79	34	113	31%	-1.6
23	2007	EN	83	22	105	28%	-1.8
24	2003	EN	87	10	97	25%	-2.1
25	1994	SE	69	24	93	22%	-2.3
26	2014	N	67	20	88	19%	-2.6
27	2002	N	69	15	84	16%	-2.9
28	2001	LN	68	14	82	13%	-3.1
29	1992	EN	64	17	80	9%	-3.4
30	2004	N	66	14	80	6%	-3.6
31	2021	?	44	22	65	3%	-3.9
	2022 10% Chance Exceedance Forcast	?	0	15	15.46	3%	-3.9
	2022 30% Chance Exceedance Forcast	?	0	15	15.46	2%	-4.0
	2022 50% Chance Exceedance Forcast	?	0	15	15.46	2%	-4.0
	2022 70% Chance Exceedance Forcast	?	0	15	15.46	1%	-4.1
	2022 90% Chance Exceedance Forcast	?	0	15	15.46	1%	-4.1