

Payette River Basin SWSI

Adequate Water Supply Not Available or Known

Station ID	Station Name	Period	Data Type	Years	# of Years
13247500	Payette R nr Horseshoe Bend	Apr-Sep	strm	1991-2022	32 Units KAF
13244500	Cascade Reservoir	31-Jan	resv	1991-2022	32 Units KAF
13236000	Deadwood 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	1997	N	2730	665	3394	97%	3.9
2	1996	N	2478	705	3183	94%	3.7
3	2017	LN	2642	541	3183	91%	3.4
4	1999	SL	2265	649	2914	88%	3.2
5	2006	N	2331	569	2900	85%	2.9
6	2011	SL	2303	555	2858	82%	2.7
7	1995	SE	2217	429	2646	79%	2.4
2023 10% Chance Exceedance Forecast		LN	2130	515	2645	77%	2.3
8	1998	SE	1950	690	2640	76%	2.1
9	2019	N	2054	523	2578	73%	1.9
10	2012	LN	1913	598	2511	70%	1.6
11	1993	EN	2058	384	2442	67%	1.4
12	2008	N	1829	542	2371	64%	1.1
2023 30% Chance Exceedance Forecast		LN	1770	515	2285	62%	1.0
13	2009	N	1601	545	2146	61%	0.9
14	2018	LN	1482	664	2146	58%	0.6
15	2003	EN	1607	503	2110	55%	0.4
16	2010	EN	1562	532	2094	52%	0.1
2023 50% Chance Exceedance Forecast		LN	1520	515	2035	50%	0.0
17	2014	N	1494	519	2013	48%	-0.1
18	2000	N	1384	615	1999	45%	-0.4
19	2016	SE	1480	471	1952	42%	-0.6
20	2020	N	1396	534	1930	39%	-0.9
21	2022	LN	1382	483	1865	36%	-1.1
22	2004	N	1325	498	1822	33%	-1.4
23	2002	N	1420	389	1809	30%	-1.6
2023 70% Chance Exceedance Forecast		LN	1270	515	1785	29%	-1.8
24	2005	EN	1139	544	1683	27%	-1.9
25	2013	N	1040	618	1658	24%	-2.1
26	2007	EN	981	595	1576	21%	-2.4
27	2021	LN	930	526	1456	18%	-2.7
28	1991	N	897	532	1429	15%	-2.9
2023 90% Chance Exceedance Forecast		LN	900	515	1415	14%	-3.0
29	2015	EN	741	586	1326	12%	-3.2
30	1994	SE	731	556	1287	9%	-3.4
31	1992	EN	713	468	1181	6%	-3.7
32	2001	LN	613	505	1118	3%	-3.9