

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	1991-2021	31 Units KAF
13244500	Cascade Reservoir	28-Feb	resv	1991-2021	31 Units KAF
13236000	Deadwood Reservoir	28-Feb	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 28-Feb	Streamflow + Reservoir Sum	Non-Exceedance Probability	SWSI
1	2017	LN	2642	610	3252	97%	3.9
2	1997	N	2730	485	3215	94%	3.6
3	1996	N	2478	675	3153	91%	3.4
4	2006	N	2331	567	2899	88%	3.1
5	1999	SL	2265	628	2892	84%	2.9
6	2011	SL	2303	568	2871	81%	2.6
7	1995	SE	2217	470	2688	78%	2.3
8	1998	SE	1950	695	2644	75%	2.1
9	2019	N	2054	544	2599	72%	1.8
10	2012	LN	1913	595	2508	69%	1.6
11	1993	EN	2058	377	2436	66%	1.3
12	2008	N	1829	556	2385	63%	1.0
2022 10% Chance Exceedance Forecast		?	1870	488	2358	61%	0.9
13	2009	N	1601	553	2154	59%	0.8
14	2018	LN	1482	656	2138	56%	0.5
15	2003	EN	1607	524	2131	53%	0.3
16	2010	EN	1562	537	2099	50%	0.0
2022 30% Chance Exceedance Forecast		?	1560	488	2048	48%	-0.1
17	2014	N	1494	542	2036	47%	-0.3
18	2000	N	1384	636	2020	44%	-0.5
19	2016	SE	1480	487	1967	41%	-0.8
20	2020	N	1396	540	1936	38%	-1.0
2022 50% Chance Exceedance Forecast		?	1350	488	1838	36%	-1.2
21	2004	N	1325	507	1831	34%	-1.3
22	2002	N	1420	396	1816	31%	-1.6
23	2005	EN	1139	549	1687	28%	-1.8
24	2013	N	1040	631	1671	25%	-2.1
2022 70% Chance Exceedance Forecast		?	1140	488	1628	23%	-2.2
25	2007	EN	981	612	1593	22%	-2.3
26	2021	?	930	536	1466	19%	-2.6
27	1991	N	897	534	1431	16%	-2.9
28	2015	EN	741	640	1381	13%	-3.1
2022 90% Chance Exceedance Forecast		?	825	488	1313	11%	-3.3
29	1994	SE	731	562	1293	9%	-3.4
30	1992	EN	713	477	1190	6%	-3.6
31	2001	LN	613	506	1119	3%	-3.9