

Henrys Fork Basin SWSI

Adequate Water Supply Greater than -2.9 SWSI or 1,300 KAF

Station ID	Station Name	Period	Data Type	Years	# of Years
13046000	Henrys Fork nr Ashton	Apr-Sep	strm	1991-2021	31 Units KAF
13047600	Falls R nr Ashton	Apr-Sep	strm	1991-2019	29 Units KAF
13055000	Teton R nr St Anthony	Apr-Sep	strm	1991-2019	29 Units KAF
13039000	Henrys Lake	31-Dec	resv	1991-2021	31 Units KAF
13042000	Island Park Reservoir	31-Dec	resv	1991-2021	31 Units KAF
13046500	Grassy Lake, WY	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	1997	N	2687	221	2908	97%	3.9	
2	2011	SL	2242	191	2433	94%	3.6	
3	1998	SE	2033	209	2242	91%	3.4	
4	1999	SL	1977	215	2192	88%	3.1	
5	1996	N	1944	221	2165	84%	2.9	
6	1995	SE	2001	160	2161	81%	2.6	
7	2006	N	1879	177	2056	78%	2.3	
8	2017	LN	1834	172	2005	75%	2.1	
2022 10% Chance Exceedance Forecast			?	1790	192	1982	73%	2.0
9	2008	N	1692	163	1855	72%	1.8	
10	2018	LN	1639	213	1853	69%	1.6	
11	2009	N	1621	203	1824	66%	1.3	
12	2019	N	1581	214	1795	63%	1.0	
13	2012	LN	1553	211	1764	59%	0.8	
2022 30% Chance Exceedance Forecast			?	1550	192	1742	58%	0.7
14	2014	N	1519	162	1681	56%	0.5	
15	2000	N	1417	213	1630	53%	0.3	
2022 50% Chance Exceedance Forecast			?	1395	192	1587	52%	0.1
16	2010	EN	1350	206	1556	50%	0.0	
17	2005	EN	1344	143	1487	47%	-0.3	
2022 70% Chance Exceedance Forecast			?	1230	192	1422	45%	-0.4
18	2007	EN	1210	205	1415	44%	-0.5	
19	1993	EN	1282	123	1405	41%	-0.8	
20	2004	N	1253	144	1397	38%	-1.0	
21	2013	N	1168	199	1367	34%	-1.3	
22	2003	EN	1232	135	1366	31%	-1.6	
23	1994	SE	1124	223	1347	28%	-1.8	
24	2002	N	1199	131	1330	25%	-2.1	
25	2016	SE	1156	172	1327	22%	-2.3	
26	2015	EN	1110	202	1311	19%	-2.6	
2022 90% Chance Exceedance Forecast			?	990	192	1182	17%	-2.7
27	2001	LN	964	204	1168	16%	-2.9	
28	1991	N	931	173	1104	13%	-3.1	
29	1992	EN	757	179	936	9%	-3.4	
30	2020	N	570	217	787	6%	-3.6	
31	2021	?	459	203	662	3%	-3.9	