

Henry's 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	Henry's Fork nr Ashton	Apr-Sep	strm	1991-2022	32 Units KAF
13047600	Falls R nr Ashton	Apr-Sep	strm	1991-2021	31 Units KAF
13055000	Teton R nr St Anthony	Apr-Sep	strm	1991-2021	31 Units KAF
13039000	Henry's Lake	31-Jan	resv	1991-2022	32 Units KAF
13042000	Island Park Reservoir	31-Jan	resv	1991-2022	32 Units KAF
13046500	Grassy Lake, WY	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	2687	223	2909	97%	3.9
2	2011	SL	2242	194	2436	94%	3.7
3	1998	SE	2033	210	2243	91%	3.4
4	1999	SL	1977	218	2195	88%	3.2
5	1995	SE	2001	174	2175	85%	2.9
6	1996	N	1944	222	2167	82%	2.7
7	2006	N	1879	187	2066	79%	2.4
8	2017	LN	1834	184	2018	76%	2.1
2023 10% Chance Exceedance Forecast		LN	1765	196	1961	74%	2.0
9	2008	N	1692	176	1869	73%	1.9
10	2018	LN	1639	215	1855	70%	1.6
11	2009	N	1621	210	1830	67%	1.4
12	2019	N	1574	215	1789	64%	1.1
13	2012	LN	1553	209	1762	61%	0.9
2023 30% Chance Exceedance Forecast		LN	1560	196	1756	59%	0.8
14	2014	N	1519	173	1692	58%	0.6
15	2020	N	1446	219	1665	55%	0.4
16	2000	N	1417	213	1630	52%	0.1
2023 50% Chance Exceedance Forecast		LN	1425	196	1621	50%	0.0
17	2010	EN	1350	211	1561	48%	-0.1
18	2005	EN	1344	154	1498	45%	-0.4
2023 70% Chance Exceedance Forecast		LN	1285	196	1481	44%	-0.5
19	1993	EN	1282	139	1421	42%	-0.6
20	2007	EN	1210	208	1418	39%	-0.9
21	2004	N	1253	153	1406	36%	-1.1
22	2003	EN	1232	152	1383	33%	-1.4
23	2013	N	1168	204	1372	30%	-1.6
24	2002	N	1199	147	1346	27%	-1.9
25	1994	SE	1124	221	1345	24%	-2.1
26	2016	SE	1156	187	1342	21%	-2.4
27	2015	EN	1110	211	1321	18%	-2.7
2023 90% Chance Exceedance Forecast		LN	1080	196	1276	17%	-2.8
28	2001	LN	964	209	1173	15%	-2.9
29	1991	N	931	179	1110	12%	-3.2
30	2021	LN	785	212	997	9%	-3.4
31	1992	EN	757	187	944	6%	-3.7
32	2022	LN	464	199	664	3%	-3.9