

13039000 HENRY'S LAKE NEAR LAKE, ID

Upper Snake Basin
Upper Henrys Subbasin

LOCATION.--Lat 44°35'50", long 111°21'13" referenced to North American Datum of 1983, in SW ¼ NW ¼ sec.26, T.15 N., R.43 E., Fremont County, ID, Hydrologic Unit 17040202, Big Springs quad., at dam on Henrys Fork, and 5.2 mi south of former Post Office at Lake, Idaho.

DRAINAGE AREA.--94.3 mi², including 6.2 mi² of Dry Creek basin.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1923 to current year (fragmentary).

REVISED RECORDS.--WDR ID-82-1: 1981 (contents). WDR-US-2010: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,457.16 ft above NGVD of 1929 (levels by U.S. Bureau of Reclamation). Prior to June 28, 1978, nonrecording gage at same site and datum.

COOPERATION.--Capacity table and occasional reservoir elevations provided by North Fork Reservoir Co.

REMARKS.--Station equipment includes satellite telemetry. Reservoir is formed on natural lake by concrete dam supported by downstream earth-fill dam. Storage began Sept. 21, 1922; dam completed July 1923. Capacity is 90,420 acre-ft between gage heights 0.00 (low-water level of Henrys Lake prior to construction of dam) and 16.7 ft, top of 4.7 ft flashboards on spillway. Floodwaters of Dry Creek are diverted into Henrys Lake at times. Water used for irrigation near St. Anthony. Records given herein represent usable contents.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 92,300 acre-ft June 4, 1981, July 10-11, 1983, gage height, 16.98 ft; minimum observed, 140 acre-ft Nov. 8, 1934, gage height, 0.03 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 91,700 acre-ft Apr. 7, gage height 16.88 ft; maximum gage height, 16.89 ft, June 18 (wind affected); minimum daily contents, 82,300 acre-ft Sept. 14-18, 20-23.

Reservoir Gage Height-Capacity Table

Gage height, in ft	Capacity, in acre- ft
15.00	79,400
16.00	85,800
17.00	92,500

13039000 HENRY'S LAKE NEAR LAKE, ID—Continued

RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY OBSERVATION AT 2400 HOURS

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	84,700	85,700	86,600	87,200	87,300	87,800	91,300	90,800	89,600	88,800	84,500	82,600
2	84,700	85,600	86,600	87,200	87,400	87,800	91,300	90,700	89,700	88,500	84,500	82,600
3	84,700	85,600	86,600	87,200	87,400	87,800	91,300	90,500	89,900	88,200	84,200	82,700
4	84,700	85,700	86,600	87,200	87,300	87,800	91,300	90,300	90,000	88,000	84,000	82,700
5	85,100	85,600	86,600	87,200	87,300	87,800	91,300	90,200	90,200	87,900	83,800	82,700
6	85,300	85,800	86,600	87,200	87,300	87,800	91,400	90,000	90,800	87,700	83,700	82,700
7	85,500	85,800	86,600	87,200	87,300	87,800	91,500	89,900	90,900	87,600	83,600	82,600
8	85,600	85,800	86,600	87,200	87,200	87,800	91,500	89,600	91,000	87,500	83,600	82,600
9	85,600	85,800	86,600	87,200	87,300	87,800	91,500	89,400	91,000	87,400	83,600	82,600
10	85,600	85,800	86,600	87,200	87,400	87,800	91,500	89,200	90,900	87,200	83,600	82,500
11	85,600	85,800	86,600	87,200	87,400	87,700	91,400	89,100	90,800	87,000	83,700	82,400
12	85,600	85,800	86,600	87,200	87,400	87,600	91,400	89,000	90,600	86,900	83,600	82,400
13	85,800	85,800	86,600	87,200	87,400	87,600	91,300	88,900	90,500	86,900	83,600	82,400
14	85,800	85,900	86,700	87,200	87,400	88,000	91,300	88,800	90,500	86,800	83,500	82,300
15	86,000	85,900	86,700	87,200	87,400	88,200	91,100	88,700	90,300	86,800	83,600	82,300
16	86,000	85,900	86,700	87,200	87,400	88,800	91,000	88,600	90,200	86,800	83,200	82,300
17	86,000	86,100	86,700	87,100	87,400	89,400	90,900	88,700	90,100	86,600	83,100	82,300
18	86,000	86,200	86,700	87,100	87,500	89,800	90,900	88,800	90,000	86,500	83,100	82,300
19	86,000	86,300	86,700	87,100	87,500	89,900	90,900	88,900	90,000	86,300	83,000	82,400
20	86,000	86,400	86,800	87,200	87,500	90,000	90,800	88,800	89,900	86,200	82,900	82,300
21	86,000	86,400	86,800	87,200	87,500	90,200	90,700	88,600	89,800	86,000	82,900	82,300
22	86,000	86,400	86,800	87,200	87,600	90,200	90,600	88,900	89,800	85,800	e82,800	82,300
23	86,000	86,500	86,800	87,200	87,600	90,200	90,500	88,900	89,800	85,800	e82,800	82,300
24	86,000	86,500	86,800	87,200	87,600	90,300	90,500	89,100	89,800	85,600	e82,800	82,400
25	86,000	86,500	86,800	87,300	87,600	90,500	90,400	89,400	89,600	85,400	e82,700	82,400
26	85,900	86,500	86,800	87,400	87,600	90,600	90,300	89,600	89,500	85,300	e82,700	82,500
27	85,800	86,500	86,800	87,400	87,600	90,700	90,400	89,600	89,400	85,200	82,600	82,600
28	85,700	86,600	86,900	87,400	87,600	90,700	90,400	89,600	89,200	85,100	82,500	82,500
29	85,700	86,600	87,000	87,400	87,700	90,800	90,500	89,600	89,100	84,900	82,400	82,600
30	85,800	86,600	87,000	87,300	---	91,000	90,900	89,600	88,900	84,800	82,400	82,700
31	85,800	---	87,100	87,300	---	91,300	---	89,500	---	84,600	82,600	---
Max	86,000	86,600	87,100	87,400	87,700	91,300	91,500	90,800	91,000	88,800	84,500	82,700
Min	84,700	85,600	86,600	87,100	87,200	87,600	90,300	88,600	88,900	84,600	82,400	82,300
Elevation, in feet, at end of month.	---	---	---	---	---	---	---	---	---	---	---	---
Change in contents, in acre-feet.	---	---	---	---	---	---	---	---	---	---	---	---

	Calendar Year 2011	Water Year 2012
Max	91,600	91,500
Min	84,500	82,300

13039000 HENRY'S LAKE NEAR LAKE, ID—Continued

