

Water-Data Report 2012

## 10288500 Walker Lake Near Hawthorne, NV

Walker Basin  
Walker Lake Subbasin

LOCATION.--Lat 38°40'36", long 118°46'16" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.27, T.10 N., R.29 E., Mineral County, NV, Hydrologic Unit 16050304, 14.5 mi northwest of Hawthorne.

DRAINAGE AREA.--4,050 mi<sup>2</sup>, approximately.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Prior to Oct. 2004 monthend elevations. Aug. 1928 to current year. Occasional readings prior to Aug. 1928.

GAGE.--Water-stage recorder. Datum of gage is 4,099.72 ft above National Geodetic Vertical Datum of 1929 (Nevada Highway Dept bench mark). Prior to Dec. 6, 1978, at site 5.5 mi northwest of Hawthorne, at same datum, but based from bench mark from Hawthorne Ammunition Depot.

REMARKS.--Continuous record readings are made at 15 minute intervals and can be affected by wind and from seiche movements of the lake surface.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed 6,955,000 acre-ft, March 13, 1928, elevation 4,051.8 ft, U.S. Bureau of Indian Affairs; minimum recorded 1,414,000 acre-ft, Sep. 28, 2012, elevation 3,923.30 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--An elevation of 4,078.0 ft, adjustment of 1912, was observed Sep. 27, 1908, by U.S. Geological Survey (contents 8,622,000 acre-ft, table now in use). An elevation of about 4,083 ft for 1882 is estimated by Rush (U.S. Geological Survey Hydrologic Investigations Atlas HA-415, 1970), on the basis of bathymetric data.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 1,521,000 acre-ft, Oct. 1, elevation 3,926.84 ft; minimum daily contents 1,414,000 acre-ft, Sep. 28, 29, 30, elevation 3,923.28 ft.

## 10288500 Walker Lake Near Hawthorne, NV—Continued

**ELEVATION OF RESERVOIR WATER SURFACE ABOVE DATUM, FEET**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY OBSERVATION AT 2400 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3,926.80	3,926.23	3,926.03	3,925.99	3,926.13	3,926.12	3,925.99	3,925.76	3,925.37	3,924.84	---	---
2	3,926.78	3,926.19	3,925.98	3,925.97	3,926.11	3,926.09	3,925.98	3,925.75	3,925.35	3,924.82	---	---
3	3,926.71	3,926.06	---	3,926.00	3,926.11	3,926.10	3,925.97	3,925.73	3,925.34	3,924.82	---	3,923.74
4	3,926.68	3,926.14	---	3,925.99	3,926.13	3,926.09	3,925.97	3,925.73	3,925.30	3,924.79	---	3,923.72
5	3,926.67	3,926.14	---	3,925.98	3,926.13	3,926.12	3,925.96	3,925.72	3,925.28	---	---	3,923.71
6	3,926.59	3,926.11	---	3,926.02	3,926.12	3,926.05	3,925.93	3,925.71	3,925.26	---	---	3,923.68
7	3,926.57	3,926.10	---	3,926.00	3,926.11	3,926.08	3,925.93	3,925.70	3,925.25	---	---	3,923.68
8	3,926.54	3,926.12	---	3,925.99	3,926.11	3,926.04	3,925.91	3,925.69	3,925.23	---	---	3,923.67
9	3,926.54	3,926.11	---	3,926.00	3,926.15	3,926.05	3,925.92	3,925.66	3,925.19	---	---	3,923.63
10	3,926.53	3,926.08	---	3,926.01	3,926.17	3,926.06	3,925.94	3,925.66	3,925.18	3,924.69	---	3,923.62
11	3,926.52	3,926.06	---	3,925.99	3,926.14	3,926.04	3,925.92	3,925.65	3,925.18	3,924.70	3,924.16	3,923.61
12	3,926.51	3,926.09	---	3,926.01	3,926.14	3,926.04	3,925.86	3,925.65	3,925.16	3,924.66	3,924.14	3,923.58
13	3,926.50	3,926.08	---	3,925.99	3,926.15	3,926.04	3,925.88	3,925.63	3,925.16	---	3,924.12	3,923.55
14	3,926.50	3,926.08	3,926.06	3,926.00	3,926.12	3,926.04	3,925.90	3,925.60	3,925.16	3,924.63	3,924.06	3,923.54
15	3,926.49	3,926.10	3,926.05	3,926.06	3,926.14	3,926.03	3,925.85	3,925.55	3,925.14	3,924.58	3,924.10	3,923.52
16	3,926.47	3,926.09	3,926.04	3,926.01	3,926.11	3,926.00	3,925.88	3,925.58	3,925.12	---	3,924.08	3,923.51
17	3,926.49	3,926.10	3,926.03	3,925.99	3,926.14	3,926.08	3,925.87	3,925.59	3,925.10	3,924.54	3,924.06	3,923.49
18	3,926.47	3,926.07	3,926.07	3,925.99	3,926.12	3,926.03	3,925.89	3,925.56	3,925.07	---	3,924.04	3,923.48
19	3,926.45	3,926.07	3,926.06	3,925.99	3,926.12	3,926.03	3,925.86	3,925.54	3,925.06	---	3,924.04	3,923.46
20	3,926.44	3,926.11	3,926.07	3,926.01	3,926.14	3,926.02	3,925.86	3,925.54	3,925.04	---	3,924.02	3,923.45
21	3,926.42	3,926.07	3,926.05	3,926.00	3,926.13	3,926.00	3,925.87	3,925.52	3,925.02	---	3,924.00	3,923.43
22	3,926.42	3,926.05	3,926.07	3,926.02	3,926.15	3,925.95	3,925.83	3,925.52	3,925.00	---	3,923.97	3,923.42
23	3,926.42	3,926.06	3,926.07	3,926.05	3,926.18	---	3,925.85	3,925.50	3,924.98	---	3,923.96	3,923.37
24	3,926.38	3,926.06	3,926.06	3,926.00	3,926.10	---	3,925.88	3,925.46	3,924.97	---	3,923.95	3,923.36
25	3,926.36	3,926.06	3,926.03	3,926.07	3,926.15	3,926.05	3,925.83	3,925.45	3,924.92	---	3,923.91	3,923.34
26	3,926.32	3,926.08	3,926.04	3,926.09	3,926.14	3,926.02	3,925.83	3,925.41	3,924.92	---	3,923.92	3,923.32
27	3,926.30	3,926.06	3,926.06	3,926.06	3,926.14	3,925.98	3,925.84	3,925.40	3,924.89	---	3,923.89	3,923.32
28	3,926.30	3,926.07	3,926.04	3,926.09	3,926.12	3,926.02	3,925.81	3,925.40	3,924.88	---	3,923.88	3,923.30
29	3,926.28	3,926.05	3,926.01	3,926.06	---	3,926.02	3,925.80	3,925.40	3,924.86	---	3,923.85	3,923.28
30	3,926.28	3,926.07	3,925.98	3,926.09	---	3,925.99	3,925.79	3,925.38	3,924.84	---	3,923.83	3,923.27
31	3,926.24	---	3,925.99	3,926.08	---	3,926.04	---	3,925.37	---	---	---	---
<b>Max</b>	3,926.80	3,926.23	---	3,926.09	---	---	3,925.99	3,925.76	3,925.37	---	---	---
<b>Min</b>	3,926.24	3,926.05	---	3,925.97	---	---	3,925.79	3,925.37	3,924.84	---	---	---
<b>Elevation, in feet above NGVD 1929, at end of month.</b>	3,926.24	3,926.07	3,925.99	3,926.08	3,926.12	3,926.04	3,925.79	3,925.37	3,924.84	3,924.35	3,923.83	3,923.27
<b>Change in contents, in acre-feet.</b>	-18,000	-5,000	-3,000	+3,000	+1,000	-2,000	-8,000	-12,000	-16,000	-15,000	-16,000	-16,000

NOTE: --Some monthend elevations are interpolated from recorded values and readings made during the year.

10288500 Walker Lake Near Hawthorne, NV—Continued

