

Water-Data Report 2012

392008118465501 Local number 101 N17 E28 13DAA 1

Basin and Range basin-fill aquifers
Holocene Alluvium

Churchill County, NV

LOCATION.--Lat 39°20'08", long 118°46'55" referenced to North American Datum of 1927, in NE ¼ NE ¼ SE ¼ sec.13, T.17 N., R.28 E., Churchill County, NV, Hydrologic Unit 16050203.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 17 ft. Upper casing diameter 1.5 in; top of first opening 15 ft, bottom of last opening 17 ft.

DATUM.--Land-surface datum is 3,918.04 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.3 ft above land-surface datum, Jan. 8, 1976, to present.

COOPERATION.--Data collected in cooperation with Churchill County and the U.S. Fish and Wildlife Service.

REMARKS.--In the Fallon area, basin-fill aquifers have been defined as the shallow aquifer from the water table to depths of 50 ft below land surface, and as the intermediate aquifer from depths of 50 ft to about 500 ft below land surface by Glancy, P.A., 1986, Geohydrology of the basalt and unconsolidated sedimentary aquifers in the Fallon area, Churchill County, Nevada: U.S. Geological Survey Water Supply Paper 2263.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

[Measurement method: S, steel tape. Water-level status: - - , static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 17, 2011	7.12	S	--	May 29, 2012	6.99	S	--
Nov 14	7.03	S	--	Jun 28	6.99	S	--
Dec 7	7.14	S	--	Jul 9	7.01	S	--
19	7.21	S	--	Sep 21	7.31	S	--
Mar 30, 2012	7.46	S	--				

Highest: 6.99, May 29, 2012, Jun 28, 2012

Lowest: 7.46, Mar 30, 2012