



Water-Data Report 2009

392925118482001 Local number 101 N19 E28 23DCCA1

Basin and Range basin-fill aquifers
 Holocene Alluvium
 Churchill County, NV

LOCATION.--Lat 39°29'25.53", long 118°48'22.91" referenced to North American Datum of 1927, in SW ¼ SW ¼ SE ¼ sec.23, T.19 N., R.28 E., Churchill County, NV, Hydrologic Unit 16050203.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 30 ft. Upper casing diameter 8. in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 3,975 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.9 ft above land-surface datum, Jan. 17, 1992, 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: T, electric tape. Water-level status: - , static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 14, 2008	13.31	T	--	May 6, 2009	15.79	T	--
Nov 19	14.29	T	--	Jun 17	15.26	T	--
Dec 11	14.60	T	--	Jul 22	15.59	T	--
Jan 14, 2009	14.98	T	--	Aug 13	15.98	T	--
Feb 5	15.27	T	--	Sep 24	16.36	T	--
Apr 9	15.82	T	--				

Highest: 13.31, Oct 14, 2008

Lowest: 16.36, Sep 24, 2009