Water-Data Report 2009

392926118533001 Local number 101 N19 E28 19CCCB1

Basin and Range basin-fill aquifers
Holocene Alluvium

Churchill County, NV

LOCATION.--Lat 39°29′26″, long 118°53′30″ referenced to North American Datum of 1927, in SW ¼ SW ¼ SW ¼ sec.19, T.19 N., R.28 E., Churchill County, NV, Hydrologic Unit 16050203.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 18 ft. Upper casing diameter 2. in; top of first opening 16 ft, bottom of last opening 18 ft.

DATUM.--Land-surface datum is 4,000 ft above National Geodetic Vertical Datum of 1929. Measuring point: Low side pvc, -0.13 ft above land-surface datum, Jan. 14, 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	Measurement method	Water-level status	Date	Water level	Measurement method	Water-level status
Oct 14, 2008	6.63	T	--	May 6, 2009	6.97	T	--
Nov 19	6.85	T	--	Jun 17	6.80	T	--
Dec 11	7.06	T	--	Jul 22	7.04	T	--
Jan 14, 2009	7.25	T	--	Aug 13	7.24	T	--
Feb 5	7.36	T	--	Sep 24	7.72	T	--
Apr 9	7.30	T	--				

Highest: 6.63, Oct 14, 2008

Lowest: 7.72, Sep 24, 2009