

Water-Data Report 2012

393021118571001 Local number 101 N19 E27 16DDBC2

Basin and Range basin-fill aquifers
Unconsolidated Deposits

Churchill County, NV

LOCATION.--Lat 39°30'21", long 118°57'10" referenced to North American Datum of 1927, in NW ¼ SE ¼ SE ¼ sec.16, T.19 N., R.27 E., Churchill County, NV, Hydrologic Unit 16050203.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 79 ft. Upper casing diameter undefined; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 4,060 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined, 1.0 ft above land-surface datum, Mar. 16, 1978, 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 17, 2011	49.41	T	--	Apr 19, 2012	48.93	T	--
Nov 14	49.99	T	--	May 29	48.11	T	--
Dec 7	50.08	T	--	Jun 28	47.98	T	--
19	51.42	T	--	Jul 9	48.16	T	--
Mar 30, 2012	52.94	T	--	Sep 21	49.27	T	--

Highest: 47.98, Jun 28, 2012

Lowest: 52.94, Mar 30, 2012