



Water-Data Report 2009

365520116370301 Local number Crater Flat 1

Southern Nevada volcanic-rock aquifers
 Volcanic Rocks
 Nye County, NV

LOCATION.--Lat 36°55'15", long 116°36'55" referenced to North American Datum of 1927, in NW ¼ NW ¼ SE ¼ sec.4, T.12 S., R.48 E., Nye County, NV, Hydrologic Unit 18090202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,600 ft. Upper casing diameter 10.63 in; top of first opening 800 ft, bottom of last opening 1,600 ft.

DATUM.--Land-surface datum is 3,930.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in steel plate covering top of well, 1.77 ft above land-surface datum, June 26, 2003, to present.

REMARKS.--Periodic water-level measurements are made throughout the Yucca Mountain area to support environmental and regulatory aspects of the Yucca Mountain Project.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
 CALENDAR YEAR JANUARY 2008 TO DECEMBER 2008**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: - , static.]

| Date | Water level | Measure-ment method | Water-level status | Date | Water level | Measure-ment method | Water-level status |
|--------|-------------|---------------------|--------------------|--------|-------------|---------------------|--------------------|
| Jan 15 | 620.8 | V | -- | Jul 10 | 620.5 | V | -- |
| Feb 11 | 620.9 | V | -- | Aug 7 | 620.6 | V | -- |
| Mar 3 | 620.9 | V | -- | Sep 8 | 620.4 | V | -- |
| Apr 14 | 620.5 | V | -- | Oct 15 | 620.7 | V | -- |
| May 5 | 620.6 | V | -- | Nov 7 | 620.8 | V | -- |
| Jun 12 | 620.7 | V | -- | Dec 3 | 620.6 | V | -- |

Highest: 620.4, Sep 8, 2008; lowest: 620.9, Feb 11, 2008, Mar 3, 2008

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
 CALENDAR YEAR JANUARY 2009 TO DECEMBER 2009**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: - , static.]

| Date | Water level | Measure-ment method | Water-level status | Date | Water level | Measure-ment method | Water-level status |
|--------|-------------|---------------------|--------------------|--------|-------------|---------------------|--------------------|
| Jan 13 | 620.7 | V | -- | Mar 6 | 620.4 | V | -- |
| Feb 13 | 620.4 | V | -- | Sep 22 | 620.4 | V | -- |

Highest: 620.4, Feb 13, 2009, Mar 6, 2009, Sep 22, 2009; lowest: 620.7, Jan 13, 2009