



Water-Data Report 2009

362755116190401 Local number Five Springs Well

Basin and Range carbonate-rock aquifers
Carbonate Rocks
Nye County, NV

LOCATION.--Lat 36°27'52.63", long 116°19'06.06" referenced to North American Datum of 1927, in SW ¼ NW ¼ NW ¼ sec.23, T.17 S., R.50 E., Nye County, NV, Hydrologic Unit 18090202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 123 ft. Upper casing diameter 14. in; top of first opening 0 ft, bottom of last opening 140 ft.

DATUM.--Land-surface datum is 2,343.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top lip of casing, north side, blue paint, cut line, 1.17 ft above land-surface datum, May 2, 1990, to present.

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

**SPRING FLOW
CALENDAR YEAR 2008**

[Measurement method: V, volumetric measurement: bucket or barrel and stopwatch.]

Date	Discharge (gpm)	Measurement method
Jan 18, 2008	32	V
Feb 12, 2008	32	V
Mar 4, 2008	32	V
Apr 16, 2008	31	V
May 9, 2008	31	V
Jun 4, 2008	27	V
Jul 7, 2008	30	V
Aug 8, 2008	31	V
Sep 5, 2008	31	V
Oct 10, 2008	31	V
Nov 6, 2008	31	V
Dec 4, 2008	28	V

**SPRING FLOW
CALENDAR YEAR 2009**

[Measurement method: V, volumetric measurement: bucket or barrel and stopwatch.]

Date	Discharge (gpm)	Measurement method
Jan 14, 2009	29	V
Feb 20, 2009	30	V
Mar 12, 2009	29	V

362755116190401 Local number Five Springs Well—Continued**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
CALENDAR YEAR JANUARY 2008 TO DECEMBER 2008**

[Measurement method: S, steel tape. Water-level status: Z, other conditions existed that would affect the measured water level.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Jan 18	.37	S	Z	Jul 7	.37	S	Z
Feb 12	.38	S	Z	Aug 8	.37	S	Z
Mar 4	.37	S	Z	Sep 5	.36	S	Z
Apr 16	.37	S	Z	Oct 10	.37	S	Z
May 9	.37	S	Z	Nov 6	.38	S	Z
Jun 4	.33	S	Z	Dec 4	.36	S	Z

Highest: 0.33 ft, Jun 4, 2008; lowest: 0.38 ft, Feb 12, Nov 6, 2008

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

[Measurement method: S, steel tape. Water-level status: Z, other conditions existed that would affect the measured water level.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Jan 14	.38	S	Z	Mar 12	.38	S	Z
Feb 20	.38	S	Z	Sep 21	.35	S	Z

Highest: 0.35ft, Sep 21, 2009; lowest: 0.38 ft , Jan 14, 2009, Feb 20, 2009, Mar 12, 2009