



Water-Data Report 2008

284759082054102 Local number LP-6 25 ft NRSD Well near Coleman, FL.

Surficial aquifer system
 Nonartesian Sand Aquifer
 Sumter County, FL

LOCATION.--Lat 28°48'00", long 82°05'41" referenced to North American Datum of 1983, in SW ¼ SW ¼ SE ¼ sec.27, T.19 S., R.22 E., Sumter County, FL, Hydrologic Unit 03100208, 100 ft north of Warm Springs Rd., 0.4 mi west of I-75, and 1.6 mi west of Coleman, FL.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 25 ft. Upper casing diameter 6 in; top of first opening 18 ft, bottom of last opening 24 ft.

DATUM.--Land-surface datum is 53.48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Black mark at opening in shelter floor, 2.69 ft above land-surface datum, July 29, 1988, to present.

PERIOD OF RECORD.--September 2004 to September 2008 (periodic).

COOPERATION.--Well installed and maintained by Southwest Florida Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.25 ft NGVD of 1929, Sept. 24, 2004; lowest measured, 43.93 ft NGVD of 1929, May 24, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004**

[Measurement method: S, steel tape. Water-level status: --, static.]

| Date | Water level | Measurement method | Water-level status |
|--------|-------------|--------------------|--------------------|
| Sep 24 | 46.25 | S | -- |

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

[Measurement method: S, steel tape. Water-level status: --, static.]

| Date | Water level | Measurement method | Water-level status | Date | Water level | Measurement method | Water-level status |
|--------|-------------|--------------------|--------------------|--------|-------------|--------------------|--------------------|
| May 24 | 45.82 | S | -- | Sep 21 | 45.74 | S | -- |

Water year 2005; lowest: 45.74 Sep 21, 2005 highest: 45.82 May 24, 2005

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

[Measurement method: S, steel tape. Water-level status: --, static.]

| Date | Water level | Measurement method | Water-level status | Date | Water level | Measurement method | Water-level status |
|--------|-------------|--------------------|--------------------|--------|-------------|--------------------|--------------------|
| May 18 | 45.44 | S | -- | Sep 20 | 45.74 | S | -- |

Water year 2006; lowest: 45.44 May 18, 2006 highest: 45.74 Sep 20, 2006

284759082054102 Local number LP-6 25 ft NRSW Well near Coleman, FL.—Continued

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

[Measurement method: S, steel tape; 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 |
|-------------|--------------------|-------------------------------------|------------------------------------|-------------|--------------------|-------------------------------------|------------------------------------|
| May 24 | 43.93 | S | -- | Sep 26 | 45.82 | S | -- |
| Jul 26 | 45.17 | T | -- | | | | |

Water year 2007; lowest: 43.93 May 24, 2007 highest: 45.82 Sep 26, 2007

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

[Measurement method: S, steel tape. Water-level status: - , static.]

| Date | Water level | Measure- ment method | Water- level status | Date | Water level | Measure- ment method | Water- level status |
|-------------|--------------------|-------------------------------------|------------------------------------|-------------|--------------------|-------------------------------------|------------------------------------|
| May 22 | 45.26 | S | -- | Sep 19 | 45.96 | S | -- |

Water year 2008; lowest: 45.26 May 22, 2008 highest: 45.96 Sep 19, 2008

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 2007.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 3

[Remark codes: <, less than.]

| Date | Time | Baro- metric pres- sure, mm Hg (00025) | Dis- solved oxygen, mg/L (00300) | pH, water, unfltrd field, std (00400) | Specif. conduc- tance, wat unfltrd lab, µS/cm 25 degC (90095) | Specif- ic conduc- tance, wat unfltrd lab, µS/cm 25 degC (00095) | Temper- ature, water, deg C (00010) | Calcium water, fltrd, mg/L (00915) | Magnes- ium, water, fltrd, mg/L (00925) | Potas- sium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) | Alka- linity, wat flt lab, mg/L as CaCO3 (29801) | Alka- linity, wat flt inf tit field, mg/L as CaCO3 (39086) |
|--------------|------|---|--|--|--|--|---|--|--|--|--|--|---|
| Jul 26... | 1100 | 766 | 1.1 | 6.6 | 296 | 285 | 23.9 | 52.5 | 1.94 | .30 | 4.11 | 137 | 135 |

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 2 of 3

[Remark codes: <, less than.]

| Date | Bromide water, fltrd, mg/L (71870) | Chlor- ide, water, fltrd, mg/L (00940) | Silica, water, fltrd, mg/L as SiO2 (00955) | Sulfate water, fltrd, mg/L (00945) | Ammonia + org-N, water, fltrd, mg/L as N (00623) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate + nitrite water, fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho- phos- phate, water, fltrd, mg/L as P (00671) | Phos- phorus, water, fltrd, mg/L as P (00666) | Organic carbon, water, fltrd, mg/L (00681) | Stront- ium, water, fltrd, µg/L (01080) | Sr-87/ Sr-86 ratio, water, fltrd, per mil (75978) |
|--------------|--|---|---|--|---|--|--|--|--|---|---|--|---|
| Jul 26... | .04 | 8.27 | 8.40 | 3.30 | .18 | .039 | <.06 | <.002 | .062 | .08 | 2.6 | 59.5 | .70856 |

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006
TO SEPTEMBER 2007**

Part 3 of 3

[Remark codes: <, less than.]

| Date | Deu- terium/ Protium ratio, water, unfltrd per mil (82082) | O-18 / O-16 ratio, water, unfltrd per mil (82085) |
|--------------|---|---|
| Jul 26... | -11.93 | -2.18 |