



Water-Data Report 2008

**284759082054101 Local number LP-6 154 ft FLRD Well near Coleman, FL.**

Floridan aquifer system  
 Floridan 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 154 ft. Upper casing diameter 6 in; top of first opening 42 ft, bottom of last opening 154 ft.

DATUM.--Land-surface datum is 53.62 ft above National Geodetic Vertical Datum of 1929. Measuring point: Black mark at edge of opening in shelter floor, 2.36 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, 48.28 ft NGVD of 1929, Sept. 21, 2005; lowest measured, 44.05 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	47.88	S	--	Sep 21	48.28	S	--

Water year 2005; lowest: 47.88 May 24, 2005 highest: 48.28 Sep 21, 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	46.31	S	--	Sep 20	46.71	S	--

Water year 2006; lowest: 46.31 May 18, 2006 highest: 46.71 Sep 20, 2006

**284759082054101 Local number LP-6 154 ft FLRD 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.]

<b>Date</b>	<b>Water level</b>	<b>Measure- ment method</b>	<b>Water- level status</b>	<b>Date</b>	<b>Water level</b>	<b>Measure- ment method</b>	<b>Water- level status</b>
May 24	44.05	S	--	Sep 26	46.51	S	--
Jul 24	45.38	T	--				

Water year 2007; lowest: 44.05 May 24, 2007 highest: 46.51 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.]

<b>Date</b>	<b>Water level</b>	<b>Measure- ment method</b>	<b>Water- level status</b>	<b>Date</b>	<b>Water level</b>	<b>Measure- ment method</b>	<b>Water- level status</b>
May 22	45.84	S	--	Sep 19	48.71	S	--

Water year 2008; lowest: 45.84 May 22, 2008 highest: 48.71 Sep 19, 2008

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**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 24...	1600	762	.2	6.9	418	414	23.4	78.8	2.64	.27	4.10	213	210

**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 24...	.03	6.62	9.45	.56	.19	.134	<.06	<.002	.142	.12	2.9	142	.70793

**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 24...	-14.38	-2.77