

Water-Data Report 2007

**275034081483902 Local number KISSENGER SPRING UPPER HAWTHORN WELL NEAR HOMELAND FL**

Intermediate aquifer system

Hawthorn Formation

Polk County, FL

LOCATION.--Lat 27°50'34.4", long 81°48'39.9" referenced to North American Datum of 1983, in SE ¼ SE ¼ NE ¼ sec.28, T.30 S., R.25 E., Polk County, FL, Hydrologic Unit 03100101, 2.5 mi south of the city limits of Bartow on U.S. Highway 17/98 and about 1.25 mi east of U.S. Highway 17/98.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter undefined, top of first opening 38 ft, bottom of last opening 50 ft.

DATUM.--Land-surface datum is 89 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter floor, 3.87 ft above land-surface datum.

PERIOD OF RECORD.--January 2006 to April 2007 discontinued.

GAGE.--Water-level recorder--60-minute interval.

REMARKS.--Well plugged by SWFWMD April 16, 2007 due to identical water-level elevations recorded at the adjacent lower Hawthorn Well 275034081483903.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 84.68 ft, NGVD, Feb. 9, 2006; lowest, 69.22 ft, NGVD, April 10, 2007.

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**ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MAXIMUM VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	84.07	79.35	76.19	78.52	78.50	78.67	71.88	---	---	---	---	---
2	84.00	79.22	76.05	78.51	78.66	78.62	71.68	---	---	---	---	---
3	83.90	79.07	75.96	78.49	78.92	78.47	71.37	---	---	---	---	---
4	83.80	78.88	75.93	78.57	79.22	78.34	71.02	---	---	---	---	---
5	83.70	78.62	75.73	78.68	79.51	78.26	70.71	---	---	---	---	---
6	83.57	78.42	75.57	78.68	79.77	78.10	70.32	---	---	---	---	---
7	83.46	78.24	75.46	78.74	80.08	77.96	69.98	---	---	---	---	---
8	83.36	78.12	75.34	78.82	80.26	77.84	69.64	---	---	---	---	---
9	83.27	77.96	75.14	78.80	80.34	77.66	69.49	---	---	---	---	---
10	83.05	77.76	75.04	78.76	80.32	77.45	69.22	---	---	---	---	---
11	82.85	77.54	75.01	78.72	80.22	77.31	69.32	---	---	---	---	---
12	82.64	77.38	74.84	78.71	80.12	77.21	69.91	---	---	---	---	---
13	82.48	77.24	74.68	78.75	80.18	77.00	70.06	---	---	---	---	---
14	82.27	77.07	74.64	78.79	80.26	76.73	70.08	---	---	---	---	---
15	82.10	76.92	75.42	78.80	80.41	76.42	70.37	---	---	---	---	---
16	81.98	76.91	75.83	78.75	80.52	76.14	---	---	---	---	---	---
17	81.64	76.91	76.09	78.63	80.42	76.02	---	---	---	---	---	---
18	81.70	76.83	76.30	78.59	80.17	75.92	---	---	---	---	---	---
19	81.55	76.76	76.50	78.51	79.93	75.78	---	---	---	---	---	---
20	81.33	76.68	76.60	78.48	79.65	75.57	---	---	---	---	---	---
21	81.12	76.55	76.70	78.52	79.54	75.32	---	---	---	---	---	---
22	80.92	76.44	76.82	78.54	79.40	75.12	---	---	---	---	---	---
23	80.76	76.27	76.93	78.44	79.30	74.87	---	---	---	---	---	---
24	80.53	76.23	77.13	78.38	79.17	74.56	---	---	---	---	---	---
25	80.28	76.17	77.34	78.44	79.07	74.29	---	---	---	---	---	---
26	80.06	76.16	77.63	78.47	79.00	74.09	---	---	---	---	---	---
27	79.83	76.17	77.85	78.67	78.88	73.71	---	---	---	---	---	---
28	79.71	76.13	78.05	78.78	78.73	73.33	---	---	---	---	---	---
29	79.55	76.45	78.25	78.81	---	72.98	---	---	---	---	---	---
30	79.52	76.39	78.37	78.69	---	72.57	---	---	---	---	---	---
31	79.47	---	78.46	78.37	---	72.17	---	---	---	---	---	---
<b>Mean</b>	81.89	77.29	76.32	78.63	79.66	76.08	---	---	---	---	---	---
<b>Max</b>	84.07	79.35	78.46	78.82	80.52	78.67	---	---	---	---	---	---
<b>Min</b>	79.47	76.13	74.64	78.37	78.50	72.17	---	---	---	---	---	---

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