

Water-Data Report 2007

271757081493001 Local number Romp 26 NRSD Well near Gardner, FL.

Surficial aquifer system
Nonartesian Sand Aquifer

De Soto County, FL

LOCATION.--Lat 27°17'58.9", long 81°49'28.4" referenced to North American Datum of 1983, in NW ¼ SW ¼ SW ¼ sec.33, T.36 S., R.25 E., De Soto County, FL, Hydrologic Unit 03100101, located 235 feet east of U.S. Highway 17 and 3.8 miles south of Gardner, FL.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 15 ft. Upper casing diameter 6 in, top of first opening 10 ft, bottom of last opening 15 ft. Drilled, observation well.

DATUM.--Land-surface datum is 75.37 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter floor, 1.70 ft above land-surface datum, April 1976 to present. Land surface datum is 74.33 ft above NAVD 88. Water level elevations computed using NGVD 29 in order to maintain consistency with historical records.

PERIOD OF RECORD.--August 1976 to February 1978 (periodic); March 1978 to current year.

REVISED RECORDS.--The figures of water level as elevation, in feet NGVD, prior to Oct. 1, 1983, are in error. Correct elevations for data published prior to this date may be obtained by using datum corrections of -2.08 ft August 1976 to Sept. 30, 1980, and +1.00 ft Oct. 1, 1980, to Sept. 30, 1983. Revised records are in files of the Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 75.11 ft NGVD, June 20, 1982; lowest, 64.32 ft NGVD, June 16, 1999.

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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	68.36	67.43	66.99	66.68	66.50	66.54	66.29	66.11	66.26	66.79	68.94	68.64
2	68.31	67.42	66.97	66.68	66.50	66.53	66.28	66.10	66.25	67.15	68.98	68.61
3	68.24	67.41	66.94	66.69	66.51	66.51	66.26	66.09	66.27	67.16	69.07	68.81
4	68.19	67.38	66.93	66.71	66.53	66.50	66.25	66.08	66.27	67.10	69.14	69.01
5	68.14	67.36	66.92	66.72	66.55	66.49	66.23	66.07	66.27	67.19	69.19	69.09
6	68.11	67.35	66.91	66.71	66.56	66.49	66.22	66.20	66.25	68.28	69.20	69.12
7	68.06	67.33	66.90	66.71	66.57	66.48	66.21	66.26	66.23	68.51	69.18	69.15
8	68.01	67.33	66.89	66.71	66.58	66.47	66.20	66.29	66.64	68.54	69.12	69.12
9	67.97	67.32	66.84	66.70	66.58	66.46	66.19	66.29	66.80	68.55	69.08	69.09
10	67.94	67.30	66.82	66.69	66.59	66.45	66.19	66.29	66.86	68.55	69.03	69.05
11	67.91	67.28	66.80	66.68	66.59	66.44	66.18	66.28	66.89	68.52	68.94	68.99
12	67.88	67.26	66.79	66.67	66.61	66.43	66.18	66.26	66.91	68.49	68.88	68.92
13	67.83	67.23	66.78	66.66	66.63	66.42	66.19	66.24	66.93	68.45	68.82	68.85
14	67.80	67.22	66.77	66.63	66.63	66.41	66.20	66.22	66.98	68.41	68.76	68.77
15	67.76	67.19	66.77	66.61	66.63	66.40	66.20	66.23	66.99	68.34	68.72	68.73
16	67.74	67.56	66.75	66.60	66.65	66.39	66.22	66.25	66.99	68.30	68.69	68.70
17	67.71	67.55	66.74	66.59	66.65	66.39	66.23	66.26	66.99	68.25	68.61	68.63
18	67.67	67.28	66.73	66.58	66.65	66.40	66.24	66.29	66.98	68.19	68.54	68.57
19	67.64	67.20	66.72	66.58	66.65	66.40	66.24	66.32	66.98	68.14	68.49	68.53
20	67.62	67.16	66.71	66.57	67.82	66.39	66.23	66.40	66.97	68.14	68.45	68.49
21	67.60	67.15	66.70	66.56	67.50	66.38	66.22	66.43	66.93	68.14	68.40	68.48
22	67.58	67.13	66.69	66.56	66.84	66.37	66.21	66.45	66.92	68.15	68.34	68.43
23	67.56	67.12	66.67	66.55	66.73	66.36	66.19	66.46	66.89	68.13	68.30	68.41
24	67.54	67.11	66.65	66.54	66.67	66.35	66.19	66.47	66.85	68.27	68.26	68.41
25	67.52	67.10	66.64	66.54	66.61	66.34	66.18	66.46	66.81	68.33	68.23	68.42
26	67.50	67.08	66.69	66.53	66.58	66.33	66.17	66.45	66.79	68.36	68.22	68.44
27	67.48	67.05	66.71	66.53	66.57	66.32	66.16	66.43	66.73	68.71	68.47	68.45
28	67.44	67.03	66.72	66.53	66.55	66.32	66.15	66.41	66.70	68.86	68.57	68.42
29	67.44	67.02	66.72	66.52	---	66.31	66.14	66.37	66.69	68.91	68.63	68.39
30	67.45	67.01	66.71	66.51	---	66.31	66.13	66.33	66.71	68.92	68.65	68.36
31	67.45	---	66.70	66.51	---	66.29	---	66.30	---	68.93	68.65	---
Mean	67.79	67.25	66.78	66.61	66.68	66.41	66.21	66.29	66.72	68.22	68.73	68.70
Max	68.36	67.56	66.99	66.72	67.82	66.54	66.29	66.47	66.99	68.93	69.20	69.15
Min	67.44	67.01	66.64	66.51	66.50	66.29	66.13	66.07	66.23	66.79	68.22	68.36

	Calendar Year 2006	Water Year 2007
Mean	68.20	67.20
Max	70.47	69.20
Min	66.64	66.07

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