

GROUND-WATER LEVELS

SAMPSON COUNTY--Continued

345853078165401. County number, SA-140; Clinton observation well 1200.

LOCATION.--Lat 34°58'53.1", long 78°16'54.1", North American Datum of 1983, Hydrologic Unit 03030006, 0.9 mi south of State Highway 24 on Secondary Road 1921. Owner: City of Clinton.

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, depth 168.2 ft (reported by consulting geologist), diameter 4 in., screened interval from 123 to 167 ft.

INSTRUMENTATION.--Pressure transducer recording data at 30-minute intervals.

DATUM.--Land-surface datum is 144.9 ft above NGVD of 1929 (levels by consulting engineer). Measuring point: Top of instrument shelf, 2.6 ft above land-surface datum (since Dec. 2001).

REMARKS.--Well is part of southern Coastal Plain ground-water level monitoring study. Water levels affected by pumping of nearby municipal wells.

PERIOD OF RECORD.--October 1996 to current year. Continuous record began December 2001.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.2 ft below land-surface datum, Oct. 21, 1996 (reported by consulting geologist); lowest recorded, 55.86 ft below land-surface datum, Aug. 23 and 24, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	53.90	52.84	52.53	50.78	51.76	52.93	53.97	54.62	54.79
2	---	---	---	53.93	52.71	52.55	51.03	51.85	52.89	54.10	54.65	54.72
3	---	---	---	53.95	52.47	52.28	51.07	51.95	52.95	54.13	54.69	54.67
4	---	---	---	53.94	52.59	52.29	51.05	51.91	53.01	54.22	54.68	54.72
5	---	---	---	53.86	52.80	52.38	51.09	51.84	53.09	54.34	54.70	54.73
6	---	---	---	53.81	52.87	52.47	51.05	51.92	53.15	54.34	54.76	54.74
7	---	---	---	53.80	52.75	52.45	51.03	51.91	53.17	54.33	54.82	54.74
8	---	---	---	53.77	52.65	52.12	51.06	51.97	53.12	54.41	54.83	54.70
9	---	---	---	53.72	52.63	52.03	51.09	52.12	53.13	54.47	54.88	54.72
10	---	---	---	53.73	52.60	51.75	51.11	52.22	53.24	54.37	54.87	54.77
11	---	---	---	53.75	52.47	51.37	51.13	52.19	53.36	53.67	54.88	54.80
12	---	---	---	53.33	52.48	51.73	51.20	52.14	53.49	53.71	54.94	54.87
13	---	---	---	53.15	52.53	51.68	51.21	52.15	53.65	53.98	55.05	54.87
14	---	---	---	53.29	52.59	51.33	51.24	52.17	53.46	54.02	55.11	54.67
15	---	---	---	53.34	52.53	51.19	51.19	52.29	52.59	54.11	55.14	54.41
16	---	---	---	53.36	52.43	51.05	51.38	52.30	53.24	54.21	55.19	54.33
17	---	---	---	53.31	52.40	51.03	51.42	52.35	53.11	54.28	55.21	54.50
18	---	---	---	53.37	52.40	51.20	51.47	52.35	53.28	54.41	55.16	54.61
19	---	---	---	53.32	52.41	51.33	51.44	52.33	53.51	54.39	55.19	54.64
20	---	---	---	53.23	52.38	51.38	51.14	52.31	53.62	54.45	55.27	54.67
21	---	---	54.06	53.13	52.31	51.28	51.34	52.36	53.71	54.52	55.29	54.70
22	---	---	54.13	53.20	52.23	51.12	51.46	52.44	53.77	54.64	55.39	54.76
23	---	---	54.14	53.17	52.02	51.09	51.62	52.46	53.75	54.80	55.52	54.80
24	---	---	54.12	53.07	51.76	50.95	51.66	52.49	53.81	54.85	55.51	54.84
25	---	---	54.14	53.05	52.06	50.86	51.66	52.57	53.95	54.75	55.44	54.86
26	---	---	53.98	52.97	52.35	50.98	51.70	52.61	54.00	54.59	55.45	54.87
27	---	---	54.04	52.95	52.47	51.06	51.52	52.59	53.97	54.51	55.39	54.80
28	---	---	53.93	52.93	52.51	---	51.37	52.68	53.87	54.46	55.26	54.64
29	---	---	53.98	52.94	---	51.10	51.55	52.77	53.87	54.54	55.20	54.55
30	---	---	53.97	52.93	---	51.03	51.70	52.84	53.81	54.58	55.06	54.57
31	---	---	54.00	52.87	---	50.95	---	52.90	---	54.59	54.92	---

WTR YR 2002 MEAN 53.22 HIGH 50.78 LOW 55.52

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