

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHARLESTON COUNTY--Continued

WELL NUMBER.--324741080041400. Local number, CHN-44.

LOCATION.--Lat 32°47'41'', long 80°04'14'', Hydrologic Unit 03050202, USDA Experimental Station, 300 ft northeast of U.S. Highway 17 at elevated water tank, 0.6 mi west of Branch Creek, southwest of North Charleston. Owner: U.S. Department of Agriculture.

AQUIFER.--Santee Limestone.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 434 ft. Open hole. Casing interval unknown.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 9.4 ft above sea level. Measuring point: Top of casing, 0.65 ft above land-surface datum.

REMARKS.--Pump test data on file in District office. Electric and caliper logged Nov. 27, 1979, depth 428 ft.

PERIOD OF RECORD.--October 1980 to April 1981, February 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 13.54 ft below land-surface datum, Mar. 18, 1983; lowest, 31.09 ft below land-surface datum, Aug. 23, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.51	28.12	27.79	27.59	27.47	27.02	26.42	26.47	---	---	---	30.96
2	28.56	27.97	27.76	27.59	27.53	27.02	26.42	26.42	---	---	---	30.93
3	28.60	28.13	27.73	27.57	27.45	26.92	26.36	26.43	---	---	---	30.86
4	28.59	28.22	27.72	27.48	27.40	26.76	26.33	26.45	---	---	---	30.83
5	28.55	28.22	27.67	27.57	27.56	26.80	26.45	26.58	---	---	---	30.83
6	28.54	28.18	27.59	27.57	27.64	26.82	26.45	26.74	---	---	---	30.83
7	28.57	28.12	27.66	27.51	27.58	26.85	26.44	26.85	---	---	---	30.78
8	28.55	28.11	27.68	27.47	27.55	26.79	26.37	26.84	---	---	---	30.77
9	28.50	28.10	27.64	27.37	27.48	26.74	26.50	26.79	---	---	---	30.76
10	28.50	28.07	27.56	27.30	27.40	26.73	26.49	26.73	---	---	---	30.77
11	28.49	28.03	27.60	27.37	27.39	26.70	26.48	26.80	---	---	---	30.80
12	28.51	28.04	27.53	27.41	27.41	26.75	26.45	26.89	---	---	---	30.76
13	28.45	27.99	27.49	27.37	27.37	26.83	26.46	26.89	---	---	---	30.76
14	28.46	27.93	27.49	27.52	27.20	26.84	26.36	26.94	---	---	---	30.76
15	28.47	27.89	27.55	27.53	27.30	26.79	26.29	27.00	---	---	---	30.75
16	---	27.87	27.55	27.45	27.29	26.68	26.32	27.16	---	---	---	30.81
17	---	27.94	27.55	27.41	27.28	26.66	26.26	27.19	---	---	30.90	30.90
18	28.21	27.98	27.46	27.27	27.19	26.73	26.24	27.27	---	---	30.92	30.82
19	28.27	27.96	27.28	27.22	27.13	26.61	26.27	27.33	---	---	30.96	30.94
20	28.24	27.89	27.32	27.12	27.18	26.37	26.29	---	---	---	30.98	30.99
21	28.22	27.83	27.38	27.25	27.20	26.44	26.20	---	---	---	31.05	30.94
22	28.11	27.78	27.38	27.26	27.20	26.50	26.25	---	---	---	31.06	30.96
23	28.11	27.76	27.42	27.19	27.19	26.50	26.30	---	---	---	31.09	30.89
24	28.18	27.72	27.39	27.09	27.16	26.47	26.28	---	---	---	31.07	30.88
25	28.24	27.68	27.48	27.07	27.16	26.45	26.26	---	---	---	31.06	30.87
26	28.21	27.58	27.42	27.23	27.24	26.40	26.37	---	29.41	---	31.01	30.93
27	28.21	27.65	27.41	27.41	27.13	26.29	26.36	---	29.42	---	30.98	30.98
28	28.26	27.70	27.39	27.52	27.09	26.29	26.39	---	29.41	---	30.99	30.90
29	28.25	27.73	27.49	27.49	27.08	26.39	26.48	---	29.38	---	30.95	30.87
30	28.22	27.78	27.53	27.42	---	26.37	26.50	27.87	---	---	30.90	30.79
31	28.20	---	27.56	27.45	---	26.38	---	---	---	---	30.90	---
MEAN	28.37	27.93	27.53	27.39	27.32	26.64	26.37	26.88	29.40	---	30.99	30.85
MAX	28.60	28.22	27.79	27.59	27.64	27.02	26.50	27.87	29.42	---	31.09	30.99
MIN	28.11	27.58	27.28	27.07	27.08	26.29	26.20	26.42	29.38	---	30.90	30.75



