

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

FLORENCE COUNTY--Continued

WELL NUMBER.--341144079345001. Local number, FLO-128.

LOCATION.--Lat 34°11'44'', long 79°34'50'', Hydrologic Unit 03040201, E. I. DuPont, Mars Bluff plant site, 430 ft from State Hwy. 76. Owner: E. I. DuPont, de Nemours Co.

AQUIFER.--Middendorf and Cape Fear Formations.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 695 ft cased to 690 ft, screened intervals 265-270, 275-290, 328-333, 376-381, 460-470, 680-690 ft.

INSTRUMENTATION.--Water-stage recorder--60 minute collection interval.

DATUM.--Land-surface datum is 96 ft above sea level. Measuring point: Top of casing, 2.60 ft above land-surface datum.

REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.

PERIOD OF RECORD.--January 1982 to July 1986. June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 54.28 ft below land-surface datum, Jan. 10, 1982; lowest, 92.07 ft below land-surface datum, Aug. 16, 1999.

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	81.11	79.49	75.82	75.62	74.51	74.67	74.81	75.17	75.32	77.00	79.89	77.15
2	80.81	79.40	75.78	75.59	74.55	74.72	75.07	75.25	75.25	76.79	79.87	76.87
3	80.69	79.37	75.76	75.59	74.46	74.74	75.34	75.27	75.61	76.76	79.85	76.65
4	80.64	79.33	75.79	75.58	74.33	74.65	75.33	75.29	77.05	78.22	79.84	76.39
5	80.64	79.34	75.83	75.49	74.28	74.70	75.22	75.27	77.28	78.77	79.77	76.02
6	80.71	79.31	75.82	75.50	74.20	74.77	75.18	75.24	77.70	79.04	79.77	75.76
7	80.81	79.21	75.91	75.41	74.18	74.86	75.27	75.12	78.10	78.67	79.75	75.57
8	80.84	78.92	75.92	75.41	74.22	74.94	75.26	75.16	78.39	79.25	79.77	75.42
9	80.79	78.94	75.85	75.37	74.06	74.91	75.39	75.18	78.65	79.58	79.83	75.32
10	80.72	77.72	75.78	75.36	74.07	74.91	75.49	75.12	78.80	79.79	79.88	75.21
11	80.62	76.19	75.77	75.46	74.15	74.91	75.60	75.20	78.96	79.97	79.97	75.12
12	80.30	76.27	75.72	75.46	74.25	74.92	75.58	75.21	79.15	80.10	80.03	75.04
13	80.13	76.48	75.70	75.28	74.24	74.99	75.53	75.24	79.52	80.14	80.04	74.94
14	79.88	76.39	75.68	75.23	74.27	75.04	75.40	75.29	79.68	80.24	80.26	74.85
15	79.78	76.29	75.68	75.22	74.29	75.03	75.18	75.32	79.80	80.31	80.62	75.33
16	79.66	76.18	75.61	75.21	74.27	74.93	75.03	75.39	79.93	80.33	80.60	74.98
17	79.47	76.17	75.56	75.31	74.20	74.86	75.06	75.32	80.02	80.38	80.66	74.85
18	79.49	76.12	75.53	75.32	74.13	74.92	75.03	75.33	80.03	80.44	80.60	74.55
19	79.65	76.11	75.45	75.25	74.06	74.95	75.12	75.32	80.06	80.39	80.53	74.99
20	79.60	76.07	75.47	75.15	74.12	74.61	75.09	75.31	80.12	80.40	80.52	74.85
21	79.62	76.02	75.48	75.21	74.13	74.63	74.99	75.28	80.22	80.40	80.49	74.55
22	79.45	76.03	75.50	75.33	74.21	74.66	75.01	75.26	79.72	80.37	80.56	74.38
23	79.40	76.10	75.45	75.22	74.30	74.66	74.97	75.32	79.46	80.30	80.62	74.78
24	79.35	76.10	75.37	75.10	74.29	74.65	75.01	75.40	79.57	80.27	80.59	74.55
25	79.38	76.02	75.42	74.89	74.35	74.64	75.08	75.39	79.68	80.25	80.53	74.24
26	79.35	75.97	75.46	75.74	74.39	74.67	75.14	75.27	79.38	80.22	80.49	74.01
27	79.37	75.95	75.58	76.18	74.35	74.73	75.08	75.26	78.75	80.14	80.73	73.83
28	79.42	75.85	75.58	75.59	74.48	74.75	75.04	75.21	78.74	80.07	80.02	73.80
29	79.50	75.83	75.63	75.18	74.64	74.88	75.05	75.26	77.62	79.89	78.61	73.78
30	79.49	75.87	75.61	74.95	---	74.94	75.06	75.32	77.25	79.86	77.97	73.77
31	79.51	---	75.60	74.75	---	74.90	---	75.32	---	79.85	77.48	---
MEAN	80.01	77.10	75.65	75.35	74.28	74.81	75.18	75.27	78.66	79.62	80.00	75.05
MAX	81.11	79.49	75.92	76.18	74.64	75.04	75.60	75.40	80.22	80.44	80.73	77.15
MIN	79.35	75.83	75.37	74.75	74.06	74.61	74.81	75.12	75.25	76.76	77.48	73.77



