

## GROUND-WATER LEVELS

## WAYNE COUNTY

351849078163901. Local number, NC-148; County number, WA-154.

LOCATION.--Lat 35°18'49", long 78°16'39", Hydrologic Unit 03020201, 0.5 mi south of Johnston county line on Secondary Road 1009, and 6 mi west of Grantham. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Bored observation well, augered to 10.4 ft, diameter 3 in., cased to 5.4 ft, screened interval from 5.4 to 10.4 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 60-minute intervals.

DATUM.--Land-surface datum is 190 ft above NGVD of 1929 (from topographic map). Measuring point: File cut on top of casing, 1.80 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--February 1980 to current year. Records for June 17 to Sept. 30, 1987, published in Water Resources Data, North Carolina, NC-87-1, are unreliable and should not be used.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.04 ft above land-surface datum, May 2, 1989; lowest water level recorded, 8.65 ft below land-surface datum, Sept. 24, 25, 1997.

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	3.33	5.01	5.33	5.59	1.73	2.23	---	2.34	4.28	6.69	7.89	8.27
2	3.44	5.04	5.33	5.59	1.80	2.18	---	2.44	4.39	6.76	7.92	8.24
3	3.56	5.09	5.33	5.59	1.84	1.42	---	2.59	4.51	6.81	7.96	8.18
4	3.66	5.14	5.33	5.59	1.85	1.43	---	2.63	4.62	6.87	7.99	8.16
5	3.76	5.18	5.32	5.59	1.97	1.57	---	2.39	4.72	6.92	8.02	8.11
6	3.81	5.22	5.32	5.56	1.98	1.66	---	2.36	4.82	6.97	8.06	8.07
7	3.61	5.27	5.33	5.48	---	1.74	---	2.49	4.91	7.02	8.10	8.02
8	3.50	5.33	5.33	5.48	---	1.80	---	2.66	4.99	7.08	8.13	8.00
9	3.54	5.38	5.33	5.48	---	1.88	---	2.77	5.07	7.14	8.16	7.99
10	3.58	5.42	5.37	5.01	---	1.93	---	2.88	5.17	7.20	8.20	7.94
11	3.71	5.45	5.39	4.41	---	2.04	---	2.99	5.30	7.24	8.24	7.94
12	3.80	5.51	5.39	4.24	---	2.05	---	3.07	5.40	7.27	8.29	7.94
13	3.88	5.56	5.36	4.09	---	1.81	---	3.15	5.50	7.30	8.33	7.93
14	3.94	5.59	5.32	3.91	---	1.46	---	3.13	5.59	7.33	8.37	7.93
15	4.01	5.60	5.31	3.76	1.54	1.47	---	3.16	5.67	7.35	8.40	7.93
16	4.08	5.66	5.34	3.71	1.57	1.55	---	3.29	5.76	7.37	8.44	7.93
17	4.15	5.68	5.36	3.65	1.63	1.68	---	3.38	5.83	7.42	8.46	7.92
18	4.22	5.75	5.35	3.63	1.71	1.71	---	3.43	5.91	7.46	8.48	7.92
19	4.28	5.75	5.37	3.60	1.77	1.76	---	3.10	5.97	7.49	8.51	7.87
20	4.33	5.78	5.39	3.39	1.81	1.78	---	3.07	6.03	7.53	8.52	7.83
21	4.39	5.82	5.42	3.08	1.86	1.75	---	3.14	6.10	7.57	8.55	7.79
22	4.44	5.82	5.50	2.89	1.91	1.56	---	3.28	6.18	7.62	8.56	7.75
23	4.50	5.83	5.49	2.49	1.96	1.64	---	3.43	6.23	7.66	8.57	7.73
24	4.57	5.83	5.49	1.55	2.01	1.73	---	3.54	6.29	7.70	8.58	7.69
25	4.62	5.81	5.49	1.41	2.04	1.84	---	3.66	6.35	7.72	8.58	7.69
26	4.68	5.68	5.49	1.38	2.08	1.92	1.82	3.79	6.42	7.74	8.58	7.66
27	4.76	5.54	5.49	1.42	2.12	1.68	1.91	3.89	6.48	7.75	8.53	7.65
28	4.82	5.47	5.49	1.46	2.16	1.62	1.93	4.01	6.53	7.77	8.46	7.65
29	4.86	5.41	5.50	1.53	---	1.69	2.11	4.10	6.58	7.79	8.40	7.64
30	4.90	5.35	5.60	1.62	---	1.71	2.24	4.15	6.63	7.82	8.35	7.64
31	4.95	---	5.60	1.70	---	---	---	4.21	---	7.85	8.32	---

WTR YR 2002 MEAN 5.03 HIGH 1.38 LOW 8.58

WAYNE COUNTY--Continued

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