



Water-Data Report 2006

393246075012701 Local number 150372 Newfield 2-A Obs NJ Permit Number 31-06092

Northern Atlantic Coastal Plain aquifer system
Cohansey Sand-Kirkwood Formation

Gloucester County, NJ

LOCATION.--Lat 39°32'38", long 75°00'44" referenced to North American Datum of 1927, Newfield Borough, Gloucester County, NJ, Hydrologic Unit 02040206, about 1,000 ft south of the intersection of Gorgo Lane and Catawba Ave.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 154 ft. Upper casing diameter 10 in; top of first opening 129 ft, bottom of last opening 149 ft. Drilled water-table well.

DATUM.--Land-surface datum is 120 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.8 ft above land-surface datum, Aug. 1, 1994, to present.

PERIOD OF RECORD.--Jan. 1987 to June 1989, Aug. 1994 to current year.

GAGE.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, Jan. 1986 to June 1989 and July 1994 to May 2000.

REMARKS.--Water level is affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.62 ft below land surface, May 3, 1997; lowest, 24.19 ft below land surface, Apr. 24, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	21.79	20.94	20.93	20.40	19.39	19.08	19.48	19.87	20.37	20.47	20.77	21.36
2	21.80	20.95	20.91	20.39	19.35	19.07	19.53	19.96	20.36	20.46	20.82	21.28
3	21.82	20.96	20.91	20.34	19.31	19.12	19.51	20.00	20.35	20.45	20.84	21.20
4	21.82	20.93	20.89	20.32	19.27	19.13	19.51	20.03	20.38	20.43	20.86	21.12
5	21.83	20.94	20.88	20.29	19.25	19.14	19.53	20.03	20.39	20.43	20.93	21.07
6	21.84	20.93	20.86	20.27	19.27	19.12	19.62	20.03	20.40	20.43	20.96	21.03
7	21.84	20.95	20.87	20.26	19.25	19.15	19.64	20.05	20.41	20.43	20.93	21.00
8	21.82	20.96	20.87	20.24	19.23	19.15	19.64	20.03	20.44	20.44	20.98	20.98
9	21.79	20.94	20.83	20.22	19.22	19.12	19.66	20.09	20.44	20.44	21.02	20.96
10	21.75	20.94	20.81	20.22	19.23	19.11	19.68	20.14	20.45	20.44	21.00	20.96
11	21.69	20.99	20.79	20.17	19.19	19.20	19.70	20.08	20.46	20.46	21.01	20.97
12	21.63	21.02	20.78	20.16	19.16	19.17	19.69	20.08	20.48	20.48	21.09	20.96
13	21.56	21.01	20.81	20.12	19.20	19.13	19.66	20.11	20.51	20.50	21.13	20.95
14	21.47	21.02	20.82	20.07	19.20	19.12	19.71	20.11	20.53	20.54	21.15	20.95
15	21.35	21.03	20.78	20.09	19.21	19.20	19.70	20.09	20.55	20.65	21.18	20.96
16	21.27	21.01	20.75	20.09	19.18	19.23	19.76	20.05	20.58	20.74	21.21	20.97
17	21.20	21.04	20.74	20.06	19.15	19.23	19.81	20.10	20.60	20.78	21.30	20.97
18	21.16	21.07	20.69	20.03	19.16	---	19.85	20.09	20.62	20.79	21.33	20.98
19	21.14	21.07	20.64	20.04	19.17	---	19.84	20.12	20.63	20.78	21.36	20.98
20	21.12	21.07	20.59	19.97	19.12	---	19.86	20.13	20.65	20.79	21.33	21.01
21	21.12	21.03	20.57	19.94	19.11	19.29	19.87	20.16	20.70	20.78	21.39	21.07
22	21.09	20.95	20.53	19.94	19.11	19.35	19.84	20.16	20.75	20.75	21.44	21.08
23	21.09	21.03	20.49	19.84	19.09	19.42	19.81	20.18	20.75	20.71	21.47	21.08
24	21.09	21.00	20.48	19.77	19.12	19.47	19.79	20.26	20.76	20.68	21.48	21.07
25	21.05	21.06	20.44	19.72	19.11	19.50	19.79	20.21	20.70	20.67	21.57	21.11
26	21.06	21.05	20.41	19.68	19.12	19.49	19.82	20.20	20.64	20.65	21.54	21.15
27	21.05	21.03	20.43	19.64	19.10	19.50	19.79	20.31	20.61	20.66	21.50	21.17
28	21.03	21.01	20.41	19.56	19.07	19.50	19.85	20.33	20.54	20.66	21.46	21.17
29	21.00	20.99	20.36	19.48	---	19.51	19.87	20.32	20.49	20.67	21.44	21.19
30	20.99	20.97	20.39	19.43	---	19.53	19.89	20.39	20.45	20.68	21.40	21.21
31	20.99	---	20.40	19.40	---	19.51	---	20.38	---	20.71	21.38	---
Mean	21.40	21.00	20.68	20.00	19.19	---	19.72	20.13	20.53	20.60	21.20	21.07
Max	21.84	21.07	20.93	20.40	19.39	---	19.89	20.39	20.76	20.79	21.57	21.36
Min	20.99	20.93	20.36	19.40	19.07	---	19.48	19.87	20.35	20.43	20.77	20.95

