



Water-Data Report 2006

394221075072201 Local number 151054 GSC Obs-1 Shallow NJ Permit Number 31-33949

Northern Atlantic Coastal Plain aquifer system
Cohansey Sand-Kirkwood Formation

Gloucester County, NJ

LOCATION.--Lat 39°42'21", long 75°07'22" referenced to North American Datum of 1927, Glassboro Borough, Gloucester County, NJ, Hydrologic Unit 02040202, at Rowan University, about 500 ft north of the intersection of Whitney and Oakwood Streets.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 36 ft. Upper casing diameter 2 in; top of first opening 31 ft, bottom of last opening 36 ft. Drilled water-table well.

DATUM.--Land-surface datum is 153.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 3.85 ft above land-surface datum, Oct. 1, 1994, to present.

PERIOD OF RECORD.--Mar. 1991 to current year.

GAGE.--Submersible logger pressure transducer--60-minute recording interval. Periodic measurements, Mar. 1991 to Nov. 1994.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.24 ft below land surface, Apr. 18, 1997; lowest, 24.70 ft below land surface, Oct. 12-14, 16, 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	19.96	19.26	19.81	19.69	19.03	18.94	19.48	19.87	20.13	19.76	18.72	19.23
2	19.99	19.29	19.81	19.67	19.00	18.91	19.54	19.84	20.14	19.68	18.70	19.21
3	20.01	19.30	19.85	19.63	18.98	18.97	19.52	19.84	20.14	19.63	18.69	19.20
4	20.03	19.29	19.81	19.62	18.95	18.99	19.55	19.87	20.16	19.56	18.69	19.12
5	20.05	19.31	19.84	19.56	18.95	19.01	19.57	19.87	20.17	19.51	18.70	19.09
6	20.07	19.32	19.84	19.53	18.96	19.01	19.60	19.90	20.18	19.46	18.71	19.09
7	20.07	19.37	19.89	19.52	18.95	19.04	19.58	19.92	20.18	19.41	18.70	19.00
8	20.08	19.38	19.89	19.49	18.94	19.05	19.63	19.93	20.20	19.32	18.71	18.92
9	20.10	19.37	19.80	19.46	18.93	19.03	19.67	19.93	20.19	19.24	18.73	18.87
10	20.05	19.39	19.81	19.47	18.93	19.04	19.68	19.93	20.19	19.16	18.72	18.86
11	19.95	19.46	19.77	19.40	18.91	19.13	19.70	19.93	20.20	19.10	18.74	18.88
12	19.87	19.51	19.83	19.39	18.91	19.12	19.70	19.95	20.22	19.04	18.78	18.87
13	19.80	19.52	19.90	19.35	18.95	19.08	19.70	19.96	20.23	18.99	18.81	18.85
14	19.71	19.56	19.91	19.30	18.96	19.10	19.69	19.97	20.23	18.96	18.81	18.85
15	19.61	19.58	19.86	19.35	18.97	19.16	19.70	19.97	20.26	18.92	18.84	18.86
16	19.54	19.58	19.84	19.36	18.96	19.20	19.74	19.95	20.28	18.90	18.89	18.87
17	19.47	19.65	19.93	19.34	18.94	19.22	19.76	19.94	20.28	18.88	18.93	18.87
18	19.42	19.68	19.88	19.30	18.96	19.23	19.79	19.94	20.29	18.86	18.95	18.88
19	19.40	19.71	19.82	19.36	18.96	19.26	19.79	19.97	20.29	18.86	18.95	18.88
20	19.39	19.72	19.78	19.31	18.92	19.28	19.82	19.99	20.31	18.84	18.96	18.93
21	19.38	19.69	19.77	19.28	18.91	19.27	19.85	20.00	20.33	18.82	19.02	19.00
22	19.34	19.65	19.75	19.31	18.91	19.32	19.85	20.02	20.34	18.81	19.05	19.02
23	19.37	19.74	19.70	19.23	18.90	19.36	19.85	20.04	20.35	18.82	19.07	19.01
24	19.36	19.73	19.69	19.20	18.95	19.36	19.84	20.04	20.36	18.82	19.09	19.02
25	19.32	19.83	19.64	19.19	18.92	19.37	19.82	20.04	20.35	18.82	19.12	19.08
26	19.36	19.82	19.63	19.19	18.95	19.41	19.82	20.04	20.30	18.82	19.16	19.12
27	19.36	19.82	19.69	19.17	18.93	19.44	19.80	20.07	20.20	18.83	19.18	19.15
28	19.32	19.82	19.65	19.12	18.92	19.46	19.86	20.10	20.08	18.82	19.18	19.15
29	19.29	19.80	19.60	19.07	---	19.48	19.88	20.10	19.97	18.79	19.19	19.20
30	19.29	19.83	19.66	19.05	---	19.50	19.88	20.12	19.85	18.76	19.22	19.25
31	19.28	---	19.65	19.03	---	19.50	---	20.13	---	18.74	19.24	---
Mean	19.65	19.57	19.78	19.35	18.94	19.20	19.72	19.97	20.21	19.06	18.91	19.01
Max	20.10	19.83	19.93	19.69	19.03	19.50	19.88	20.13	20.36	19.76	19.24	19.25
Min	19.28	19.26	19.60	19.03	18.90	18.91	19.48	19.84	19.85	18.74	18.69	18.85

Water Year 2006	
Mean	19.45
High	18.69
Low	20.36

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