Water-Data Report 2009

393749074550901 Local number 151213 UND06 NJ Permit Number 31-49658

Northern Atlantic Coastal Plain aquifer system
Cohansey Sand-Kirkwood Formation

Gloucester County, NJ

LOCATION.--Lat 39°37'51.8", long 74°55'12.6" referenced to North American Datum of 1983, Monroe Township, Gloucester County, NJ, Hydrologic Unit 02040302, Winslow Wildlife Management Area.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 15 ft. Upper casing diameter 2 in; top of first opening 13 ft, bottom of last opening 15 ft. Drilled water-table well.

DATUM.--Land-surface datum is 97 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of protective casing, 2.3 ft above land-surface datum, Mar 1, 1997, to present.

PERIOD OF RECORD.--March 1997 to current year.

GAGE.--Submersible logger pressure transducer--60 minute recording interval.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.94 ft below land surface, Apr 16, 2007; lowest, 8.73 ft below land surface, Oct 9-11, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 4.43 ft below land surface datum, Jan 10, 11, May 9; lowest water level, 8.67 ft below land surface datum, Oct 23, 24, 25.

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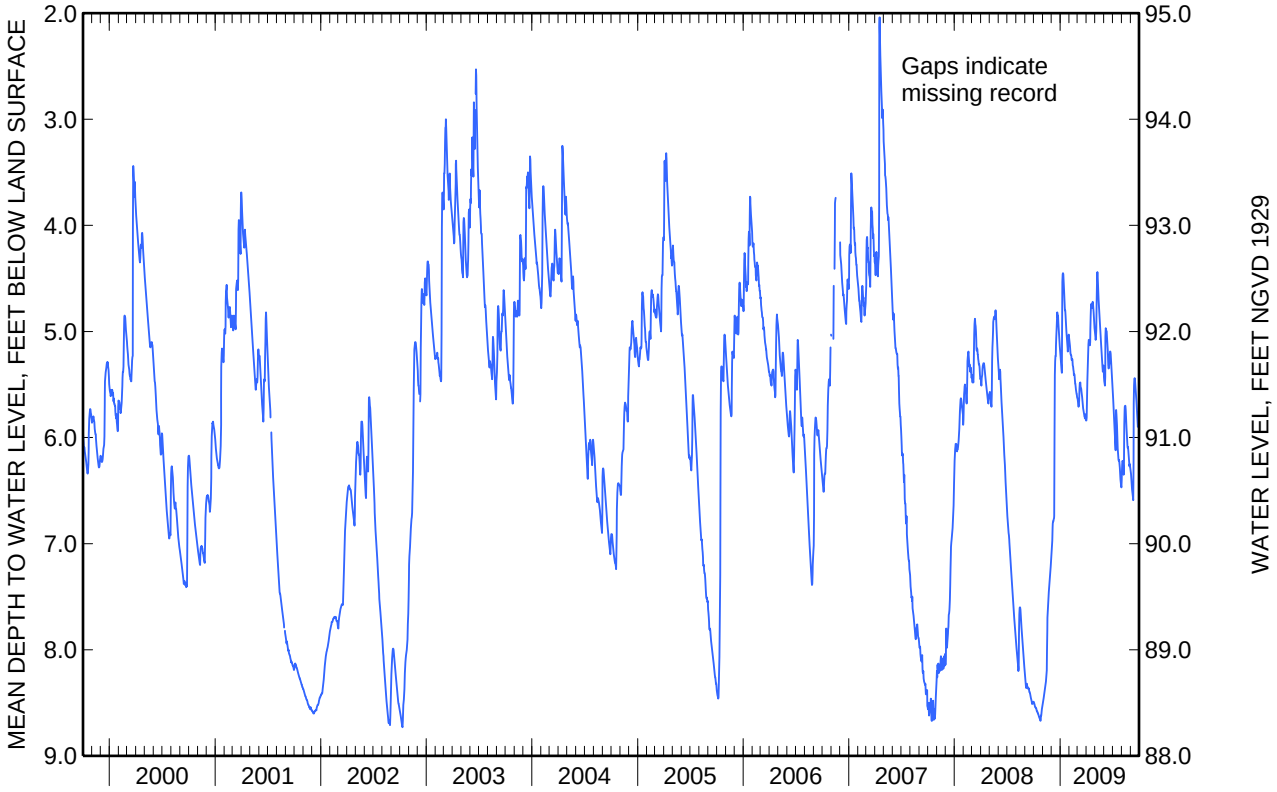
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.49	8.50	7.12	5.24	5.08	5.63	5.84	5.01	5.43	5.57	6.40	6.31
2	8.50	8.49	7.05	5.25	5.11	5.64	5.81	5.04	5.47	5.61	6.33	6.34
3	8.51	8.48	6.97	5.30	5.12	5.67	5.67	5.08	5.49	5.66	6.25	6.37
4	8.52	8.47	6.90	5.34	5.17	5.69	5.50	5.06	5.51	5.71	6.22	6.40
5	8.53	8.45	6.85	5.36	5.21	5.71	5.40	4.99	5.43	5.76	6.23	6.45
6	8.54	8.43	6.81	5.39	5.22	5.70	5.33	4.87	5.05	5.82	6.26	6.49
7	8.54	8.41	6.79	5.05	5.22	5.65	5.21	4.66	4.97	5.88	6.29	6.51
8	8.55	8.38	6.79	4.53	5.23	5.54	5.12	4.49	4.98	5.94	6.35	6.54
9	8.55	8.36	6.77	4.46	5.27	5.49	5.08	4.44	5.00	6.01	6.26	6.56
10	8.56	8.34	6.76	4.45	5.27	5.50	5.08	4.49	5.00	6.07	5.88	6.59
11	8.57	8.33	6.74	4.46	5.26	5.48	5.08	4.55	5.03	6.12	5.75	6.25
12	8.58	8.31	5.99	4.53	5.27	5.52	5.11	4.61	5.06	5.87	5.71	5.68
13	8.58	8.28	5.41	4.55	5.32	5.54	5.13	4.70	5.14	5.74	5.70	5.51
14	8.59	8.22	5.28	4.62	5.33	5.54	5.10	4.75	5.20	5.78	5.70	5.45
15	8.60	8.14	5.23	4.69	5.36	5.56	4.98	4.79	5.26	5.85	5.74	5.44
16	8.60	8.01	5.23	4.77	5.38	5.59	4.85	4.82	5.32	5.91	5.79	5.46
17	8.61	7.82	5.14	4.80	5.41	5.62	4.76	4.87	5.35	5.97	5.85	5.48
18	8.62	7.68	5.05	4.80	5.40	5.64	4.74	4.93	5.34	6.04	5.91	5.50
19	8.63	7.59	4.98	4.85	5.41	5.66	4.76	4.99	5.31	6.13	5.97	5.56
20	8.64	7.52	4.90	4.90	5.45	5.71	4.78	5.03	5.29	6.18	6.03	5.62
21	8.64	7.47	4.82	4.96	5.49	5.73	4.75	5.07	5.22	6.21	6.08	5.67
22	8.65	7.44	4.83	5.00	5.49	5.74	4.73	5.12	5.19	6.22	6.10	5.72
23	8.66	7.42	4.87	5.03	5.52	5.76	4.72	5.17	5.19	6.21	6.09	5.75
24	8.67	7.39	4.85	5.08	5.55	5.78	4.75	5.22	5.21	6.23	6.12	5.79
25	8.66	7.36	4.92	5.12	5.57	5.80	4.77	5.27	5.25	6.27	6.16	5.85
26	8.62	7.33	4.98	5.16	5.59	5.80	4.81	5.32	5.29	6.31	6.20	5.90
27	8.62	7.29	5.01	5.19	5.59	5.82	4.87	5.34	5.36	6.35	6.24	5.84
28	8.59	7.25	5.03	5.14	5.62	5.82	4.91	5.38	5.41	6.39	6.27	5.76
29	8.56	7.22	5.08	5.05	---	5.78	4.97	5.34	5.46	6.43	6.25	5.78
30	8.53	7.18	5.13	5.03	---	5.82	5.00	5.32	5.52	6.45	6.27	5.83
31	8.52	---	5.16	5.06	---	5.84	---	5.37	---	6.47	6.29	---
Mean	8.58	7.92	5.72	4.94	5.35	5.67	5.05	4.97	5.26	6.04	6.09	5.95
Max	8.67	8.50	7.12	5.39	5.62	5.84	5.84	5.38	5.52	6.47	6.40	6.59
Min	8.49	7.18	4.82	4.45	5.08	5.48	4.72	4.44	4.97	5.57	5.70	5.44

	Water Year 2009
Mean	5.97
High	4.44
Low	8.67

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