



Water-Data Report 2006

394132074482201 Local number 071081 Albertson Brook 1

Northern Atlantic Coastal Plain aquifer system
Cohansey Sand-Kirkwood Formation

Camden County, NJ

LOCATION.--Lat 39°41'32.1", long 74°48'22.3" referenced to North American Datum of 1983, Waterford Township, Camden County, NJ, Hydrologic Unit 02040301, in Wharton State Forest.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 8.28 ft. Upper casing diameter 3 in; top of first opening 5.28 ft, bottom of last opening 6.28 ft. Driven water-table well.

DATUM.--Land-surface datum is 71 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 2.72 ft above land-surface datum, Mar. 24, 2004, to present. The land surface elevation was determined from a digital elevation model.

PERIOD OF RECORD.--March 2004 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.05 ft above land surface, Apr. 2, 2005; lowest, 1.85 ft below land surface, Oct. 3, 2005.

394132074482201 Local number 071081 Albertson Brook 1—Continued

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	1.56	0.46	0.29	0.32	0.24	0.30	0.41	0.53	1.00	0.45	0.58	0.43
2	1.56	0.49	0.32	0.31	0.25	0.28	0.42	0.57	0.89	0.54	0.67	0.13
3	1.64	0.48	0.34	0.15	0.23	0.28	0.44	0.61	0.76	0.58	0.73	0.17
4	1.61	0.50	0.32	0.21	0.22	0.29	0.43	0.61	0.73	0.56	0.78	0.26
5	1.55	0.50	0.33	0.23	0.22	0.30	0.44	0.68	0.57	0.55	0.82	0.24
6	1.58	0.50	0.33	0.25	0.25	0.30	0.46	0.69	0.56	0.26	0.88	0.23
7	1.49	0.52	0.35	0.26	0.26	0.31	0.47	0.75	0.54	0.37	0.90	0.29
8	0.76	0.54	0.36	0.27	0.26	0.31	0.38	0.76	0.49	0.41	0.94	0.32
9	0.46	0.51	0.31	0.28	0.27	0.32	0.33	0.71	0.46	0.38	0.98	0.37
10	0.54	0.49	0.32	0.29	0.28	0.33	0.37	0.76	0.50	0.47	1.00	0.39
11	0.36	0.49	0.33	0.29	0.27	0.33	0.40	0.67	0.58	0.54	1.10	0.39
12	0.25	0.52	0.34	0.28	0.22	0.33	0.45	0.46	0.67	0.56	1.10	0.43
13	0.25	0.52	0.36	0.29	0.23	0.33	0.50	0.49	0.70	0.57	1.14	0.42
14	0.07	0.50	0.37	0.23	0.23	0.33	0.47	0.51	0.74	0.66	1.18	0.37
15	0.16	0.50	0.36	0.23	0.23	0.35	0.46	0.38	0.74	0.74	1.14	0.25
16	0.27	0.49	0.18	0.26	0.23	0.39	0.52	0.37	0.91	0.76	1.18	0.28
17	0.36	0.42	0.25	0.27	0.23	0.40	0.53	0.42	0.95	0.86	1.24	0.32
18	0.43	0.45	0.28	0.20	0.26	0.39	0.52	0.45	1.17	0.91	1.23	0.34
19	0.51	0.47	0.29	0.21	0.27	0.37	0.59	0.43	1.10	0.94	1.21	0.35
20	0.54	0.47	0.31	0.23	0.27	0.38	0.60	0.45	1.16	0.91	1.33	0.40
21	0.54	0.44	0.32	0.24	0.27	0.40	0.64	0.48	1.19	1.00	1.34	0.41
22	0.46	0.20	0.33	0.25	0.28	0.40	0.44	0.57	1.24	0.65	1.38	0.47
23	0.44	0.28	0.33	0.12	0.27	0.42	0.28	0.65	1.16	0.51	1.36	0.48
24	0.45	0.34	0.33	0.14	0.28	0.42	0.28	0.72	0.94	0.53	1.22	0.44
25	0.24	0.37	0.31	0.17	0.28	0.39	0.33	0.73	0.41	0.59	0.79	0.36
26	0.25	0.38	0.27	0.20	0.29	0.31	0.33	0.76	0.48	0.66	0.73	0.38
27	0.36	0.39	0.31	0.22	0.29	0.35	0.37	0.81	0.52	0.78	0.46	0.45
28	0.42	0.40	0.32	0.22	0.29	0.36	0.42	0.82	0.32	0.30	0.25	0.44
29	0.44	0.40	0.29	0.22	---	0.42	0.50	0.85	0.36	0.30	0.38	0.37
30	0.46	0.22	0.29	0.23	---	0.42	0.51	0.90	0.40	0.37	0.39	0.39
31	0.46	---	0.31	0.23	---	0.43	---	1.01	---	0.50	0.41	---
Mean	0.66	0.44	0.31	0.24	0.26	0.35	0.44	0.63	0.74	0.59	0.93	0.35
Max	1.64	0.54	0.37	0.32	0.29	0.43	0.64	1.01	1.24	1.00	1.38	0.48
Min	0.07	0.20	0.18	0.12	0.22	0.28	0.28	0.37	0.32	0.26	0.25	0.13

Water Year 2006	
Mean	0.50
High	0.07
Low	1.64

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