391827074371001 Local number 010578 Jobs Point Obs NJ Permit Number 36-00295

Northern Atlantic Coastal Plain aquifer system
Kirkwood Formation, Lower Sand

Atlantic County, NJ

LOCATION.--Lat 39°18′26″, long 74°37′09″ referenced to North American Datum of 1927, Somers Point City, Atlantic County, NJ, Hydrologic Unit 02040302, on the west side of the Garden State Parkway at interchange 29.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 680 ft. Upper casing diameter 8 in; top of first opening 670 ft, bottom of last opening 680 ft. Drilled artesian well.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 9.34 ft above land-surface datum, Feb. 15, 1984, to present.

PERIOD OF RECORD.--Oct. 1959 to current year.

GAGE.--Submersible logger pressure transducer--60 minute recording interval.Water-level recorder, Feb. 1984 to April 2006. Water-level extremes recorder, May 1977 to Feb. 1984. Periodic measurements, June 1975 to May 1977. Water-level recorder, Oct. 1959 to June 1975.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 29.10 ft below land surface, Apr. 13, 1961; lowest, 89.54 ft below land surface, Aug. 28, 2006.

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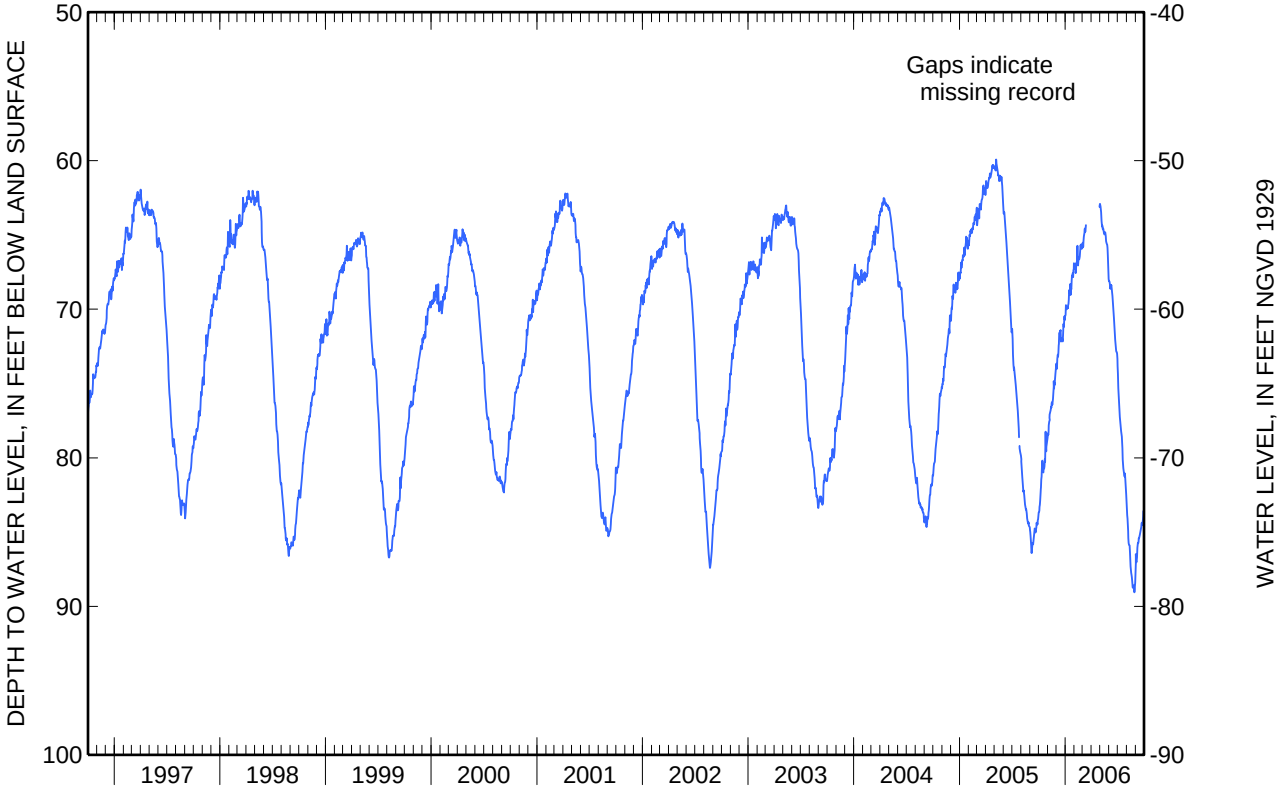
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	83.67	78.61	73.66	70.45	67.21	65.87	---	62.91	68.12	73.84	83.15	87.52
2	83.66	78.36	73.91	70.35	67.30	65.52	---	62.98	68.11	74.35	83.52	86.48
3	83.55	78.45	74.00	69.72	67.05	65.59	---	63.18	68.17	74.92	83.86	86.93
4	83.30	78.33	73.35	69.91	66.95	65.79	---	63.28	68.35	75.54	84.09	87.03
5	83.17	77.80	73.25	70.00	67.07	65.39	---	63.62	68.58	76.25	84.51	86.83
6	82.89	77.57	73.06	69.93	67.57	65.11	---	63.81	68.63	76.58	84.94	86.52
7	82.51	77.54	73.19	69.95	67.33	64.97	---	64.20	68.36	76.94	85.40	86.25
8	82.12	77.45	72.92	69.95	66.90	64.85	---	64.44	68.45	77.03	85.74	85.89
9	82.00	76.98	72.41	69.83	66.83	64.60	---	64.37	68.38	77.14	85.84	85.72
10	81.45	76.87	72.35	69.92	66.87	64.56	---	64.59	68.50	77.56	85.88	85.75
11	81.27	76.85	71.62	69.71	66.59	64.79	---	64.63	68.71	77.81	85.89	85.65
12	80.65	76.68	71.63	69.64	65.72	64.60	---	64.57	68.81	78.01	86.19	85.42
13	80.21	76.56	71.52	69.35	66.71	64.33	---	64.67	69.29	78.21	86.55	85.43
14	80.19	76.62	71.46	68.72	67.05	---	---	64.84	69.49	78.33	86.91	85.32
15	80.43	76.31	71.47	68.89	66.74	---	---	64.88	69.64	78.55	87.55	85.22
16	80.94	76.26	71.40	68.80	66.57	---	---	64.97	69.88	78.77	87.62	85.18
17	80.99	76.43	72.17	68.64	66.50	---	---	64.94	70.20	79.15	87.75	85.05
18	80.66	76.28	72.09	68.30	66.64	---	---	64.81	70.56	79.82	87.88	84.95
19	80.71	75.97	72.03	69.04	66.59	---	---	64.84	70.99	80.38	88.03	84.81
20	80.72	75.95	72.04	68.79	66.31	---	---	65.00	71.32	80.48	88.27	84.71
21	80.57	75.63	71.94	68.60	66.10	---	---	65.09	71.52	80.80	88.53	84.62
22	80.10	74.83	72.04	68.65	65.96	---	---	65.42	71.80	80.93	88.71	84.39
23	80.27	75.33	72.16	68.05	65.67	---	---	65.51	72.16	81.01	88.75	84.38
24	79.61	74.91	71.76	67.71	65.90	---	---	65.59	72.53	81.21	88.72	84.53
25	78.24	75.10	71.16	67.81	65.63	---	---	65.64	72.74	81.27	88.66	84.34
26	79.23	74.78	70.98	67.79	65.75	---	---	65.66	72.80	81.05	88.58	84.21
27	79.56	74.54	71.20	67.55	65.93	---	---	65.88	72.88	81.45	88.82	83.94
28	79.21	74.29	70.81	67.83	65.77	---	---	66.39	72.89	81.63	89.05	83.59
29	79.02	74.03	70.46	67.36	---	---	63.11	67.00	73.01	81.96	88.81	83.57
30	78.91	73.94	70.72	67.31	---	---	63.01	67.62	73.34	82.32	88.46	83.58
31	78.74	---	70.47	66.90	---	---	---	67.96	---	82.70	88.23	---
Mean	80.92	76.31	72.04	68.89	66.54	---	---	64.94	70.27	78.90	86.93	85.26
Max	83.67	78.61	74.00	70.45	67.57	---	---	67.96	73.34	82.70	89.05	87.52
Min	78.24	73.94	70.46	66.90	65.63	---	---	62.91	68.11	73.84	83.15	83.57

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