

Water-Data Report 2009

**401934074485901 Local number 210704 Scotch Rd Obs NJ Permit Number 27-18145**

Early Mesozoic basin aquifers  
Passaic Formation  
Mercer County, NJ

LOCATION.--Lat 40°19'34", long 74°48'59" referenced to North American Datum of 1983, Hopewell Township, Mercer County, NJ, Hydrologic Unit 02040105.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 150 ft. Upper casing diameter 6 in; top of first opening 50 ft, bottom of last opening 150 ft.

DATUM.--Land-surface datum is 230 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 1.9 ft above land-surface datum, Dec 5, 2007, to present.

PERIOD OF RECORD.--December 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 74.86 ft below land surface, Apr 1, 2008; lowest, 88.36 ft below land surface, Sep 8, 2008.

EXTREMES FOR CURRENT YEAR.--Highest water level, 77.89 ft below land surface datum, Sept 28; lowest water level, 86.76 ft below land surface datum, Oct 3.

401934074485901 Local number 210704 Scotch Rd Obs NJ Permit Number 27-18145—Continued

**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	86.55	---	---	---	---	81.07	81.21	80.30	79.66	79.10	80.14	78.61
2	86.62	---	---	---	---	81.15	81.06	80.38	79.68	79.07	79.87	78.44
3	86.67	---	---	---	79.25	81.32	80.59	80.40	79.76	79.17	79.89	78.24
4	86.60	---	---	---	79.54	81.27	80.94	80.41	79.82	79.18	79.83	78.17
5	86.44	---	---	---	79.76	81.19	80.97	80.41	79.78	79.14	79.70	78.24
6	86.37	---	---	---	79.72	80.95	80.53	80.31	79.91	79.13	79.73	78.26
7	86.17	---	---	---	79.60	80.88	80.65	80.02	79.95	79.24	79.91	78.12
8	85.97	---	---	---	79.52	80.91	80.74	79.75	80.00	79.59	79.96	78.05
9	85.88	---	---	---	79.78	81.13	80.87	79.19	79.98	79.84	79.69	78.22
10	85.96	---	---	---	79.51	81.29	80.81	79.10	80.03	79.84	79.40	78.29
11	---	---	---	---	79.12	81.08	80.73	79.04	79.97	79.79	79.34	78.10
12	---	---	---	---	79.07	81.46	80.90	79.05	79.94	79.76	79.39	78.16
13	---	---	---	---	79.40	81.40	80.77	79.11	80.06	79.81	79.44	78.16
14	---	---	---	---	79.44	81.19	80.60	78.97	80.06	79.97	79.51	78.21
15	---	---	---	---	80.21	81.09	80.69	78.95	80.17	80.05	79.51	78.25
16	---	---	---	---	80.45	81.17	80.86	78.68	80.20	79.82	79.47	78.38
17	---	---	---	---	80.52	81.13	80.68	78.69	80.09	79.82	79.43	78.35
18	---	---	---	---	80.18	81.05	80.44	78.79	79.77	80.06	79.34	78.30
19	---	---	---	---	80.33	81.05	80.49	78.89	79.68	80.25	79.35	78.50
20	---	---	---	---	80.85	81.28	80.32	78.82	79.53	80.31	79.33	78.50
21	---	---	---	---	81.10	81.36	80.16	78.92	79.47	80.26	79.18	78.45
22	---	---	---	---	80.92	81.18	80.33	78.82	79.51	80.28	79.04	78.41
23	---	---	---	---	81.19	81.23	80.52	79.08	79.51	80.09	79.03	78.31
24	---	---	---	---	81.40	81.35	80.56	79.24	79.41	80.03	79.16	78.35
25	---	---	---	---	81.43	81.25	80.44	79.14	79.34	80.11	79.06	78.62
26	---	---	---	---	81.38	81.00	80.46	79.26	79.30	80.08	78.86	78.53
27	---	---	---	---	81.13	81.07	80.49	79.02	79.20	80.14	78.83	78.08
28	---	---	---	---	81.25	81.02	80.43	79.01	79.05	80.08	78.76	78.04
29	---	---	---	---	---	80.70	80.69	79.00	78.97	79.99	78.49	78.23
30	---	---	---	---	---	81.14	80.56	79.32	79.01	80.12	78.59	78.44
31	---	---	---	---	---	81.35	---	79.35	---	80.01	78.70	---
<b>Mean</b>	---	---	---	---	---	81.15	80.65	79.34	79.69	79.81	79.35	78.30
<b>Max</b>	---	---	---	---	---	81.46	81.21	80.41	80.20	80.31	80.14	78.62
<b>Min</b>	---	---	---	---	---	80.70	80.16	78.68	78.97	79.07	78.49	78.04

401934074485901 Local number 210704 Scotch Rd Obs NJ Permit Number 27-18145—Continued

