



Water-Data Report 2009

410155074060201 Local number 030289 Saddle River 17 Obs NJ Permit Number 23095326

Early Mesozoic basin aquifers
Passaic Formation
Bergen County, NJ

LOCATION.--Lat 41°01'55", long 74°06'02" referenced to North American Datum of 1927, Saddle River Borough, Bergen County, NJ, Hydrologic Unit 02030103, at the Saddle River Fire Station, East Saddle Rd. and East Allendale Rd.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 175 ft. Upper casing diameter 6 in; top of first opening 165 ft, bottom of last opening 175 ft. Drilled observation well.

DATUM.--Land-surface datum is 148.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 3.56 ft above land-surface datum, Dec 3, 2004, to present.

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

GAGE.--Submersible logger pressure transducer-60 minute recording interval. Periodic measurements, March 1991 to December 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.16 ft above land surface, Apr 7, 2005; lowest, 7.48 ft below land surface, Sep 14, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level, 1.52 ft above land surface datum, Dec 17; lowest water level, 3.68 ft below land surface datum, Jun 2.

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

[- (minus sign), value is water level above land surface]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.32	0.65	0.05	-1.05	-0.15	0.00	0.42	0.95	2.57	1.02	0.01	1.62
2	1.44	0.75	0.17	-1.18	-0.09	-0.01	0.32	0.74	3.10	0.83	0.17	1.97
3	1.58	0.73	0.19	-1.07	-0.13	0.12	0.09	0.45	3.02	0.96	-0.14	1.81
4	1.33	0.73	0.14	-1.00	-0.03	0.14	0.12	0.65	2.88	1.06	0.16	2.29
5	1.21	0.69	0.18	-0.97	0.06	0.16	0.17	0.69	2.53	0.42	0.22	2.27
6	1.40	0.67	0.14	-0.90	0.09	0.09	0.01	0.69	2.46	1.32	0.25	2.70
7	1.16	0.69	0.09	-1.12	0.04	0.08	-0.03	-0.04	1.91	1.38	0.72	2.73
8	1.12	0.62	0.33	-1.10	0.00	0.06	0.05	-0.43	2.37	1.14	1.00	3.05
9	1.13	0.68	0.30	-0.93	0.05	0.08	0.11	-0.57	2.29	0.90	1.21	3.04
10	1.31	0.80	0.18	-0.91	-0.05	0.15	0.17	-0.58	1.95	1.20	1.26	2.98
11	1.39	0.90	---	-1.00	-0.18	0.01	0.16	-0.53	1.77	0.99	1.56	2.81
12	1.60	0.95	---	-0.84	-0.32	0.18	0.19	-0.21	1.59	1.23	1.68	2.09
13	1.65	0.86	-0.91	-0.86	-0.15	0.18	0.13	0.42	1.30	1.34	1.37	1.90
14	1.65	0.71	-1.24	-0.76	-0.14	0.12	0.13	0.47	0.91	2.12	1.62	1.70
15	1.72	0.46	-1.45	-0.67	0.05	0.13	0.18	0.54	1.18	2.21	1.39	2.20
16	1.61	0.29	-1.34	-0.57	0.16	0.18	0.27	0.49	1.14	2.07	1.88	2.35
17	1.60	0.21	-1.43	-0.58	0.03	0.17	0.25	0.10	0.90	2.27	2.05	2.23
18	1.60	0.13	-1.29	-0.73	-0.17	0.22	0.25	0.49	0.96	1.94	2.63	2.36
19	1.62	0.12	-1.34	-0.69	-0.30	0.28	0.28	0.87	0.31	2.12	2.65	2.21
20	1.72	0.07	-1.21	-0.54	-0.17	0.40	0.29	1.21	0.03	2.59	2.68	2.49
21	1.58	0.14	-1.26	-0.40	-0.06	0.46	0.05	1.52	-0.53	2.74	2.95	2.59
22	1.71	0.20	-0.98	-0.34	-0.16	0.40	-0.12	1.87	-0.28	2.10	2.36	3.02
23	1.79	0.21	-0.74	-0.35	-0.08	0.44	-0.14	2.19	-0.20	1.50	2.06	2.82
24	1.69	0.16	-0.88	-0.26	0.01	0.52	-0.08	2.03	0.02	1.67	2.05	2.72
25	1.49	0.03	-0.86	-0.16	0.05	0.58	-0.06	2.24	-0.21	1.24	2.26	3.08
26	1.25	0.11	-0.86	-0.13	0.01	0.47	0.26	2.72	-0.06	1.35	2.49	2.87
27	1.13	0.17	-1.00	-0.11	-0.07	0.39	0.31	2.63	-0.08	1.24	2.37	2.68
28	0.86	0.16	-1.16	-0.31	0.05	0.36	0.15	2.96	0.00	1.64	2.65	2.45
29	0.77	0.25	-1.18	-0.25	---	0.24	0.38	2.61	0.28	1.24	1.87	2.47
30	0.83	0.18	-1.21	-0.25	---	0.34	0.54	2.45	1.44	0.59	1.64	2.46
31	0.74	---	-1.25	-0.16	---	0.48	---	2.02	---	0.56	1.33	---
Mean	1.39	0.44	---	-0.65	-0.06	0.24	0.16	1.02	1.19	1.45	1.56	2.47
Max	1.79	0.95	---	-0.11	0.16	0.58	0.54	2.96	3.10	2.74	2.95	3.08
Min	0.74	0.03	---	-1.18	-0.32	-0.01	-0.14	-0.58	-0.53	0.42	-0.14	1.62

