Water-Data Report 2012

395309074352101 Local number 051389 New Lisbon 1 Obs NJ Permit Number 32-22005

Northern Atlantic Coastal Plain aquifer system
Magothy-Raritan-Potomac Aquifer System, Upper Aquifer

Burlington County, NJ

LOCATION.--Lat 39°53′09″, long 74°35′21″ referenced to North American Datum of 1927, Woodland Township, Burlington County, NJ, Hydrologic Unit 02040202, at New Lisbon Developmental Center.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 920 ft. Upper casing diameter 4 in; top of first opening 900 ft, bottom of last opening 920 ft. Drilled artesian well.

DATUM.--Land-surface datum is 107.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.30 ft above land-surface datum, May 20, 1997, to present.

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

GAGE.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, May 1997 to April 2008.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 140.12 ft below land surface datum, Apr 18, 2001; lowest, 150.90 ft below land surface datum, Oct 23, 2008 and Oct 23, 24, 2010.

EXTREMES FOR CURRENT YEAR.--Highest water level, 142.64 ft below land surface datum, Apr 23; lowest water level, 148.47 ft below land surface datum, Oct 8.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 395309074352101, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/395309074352101.2012.pdf

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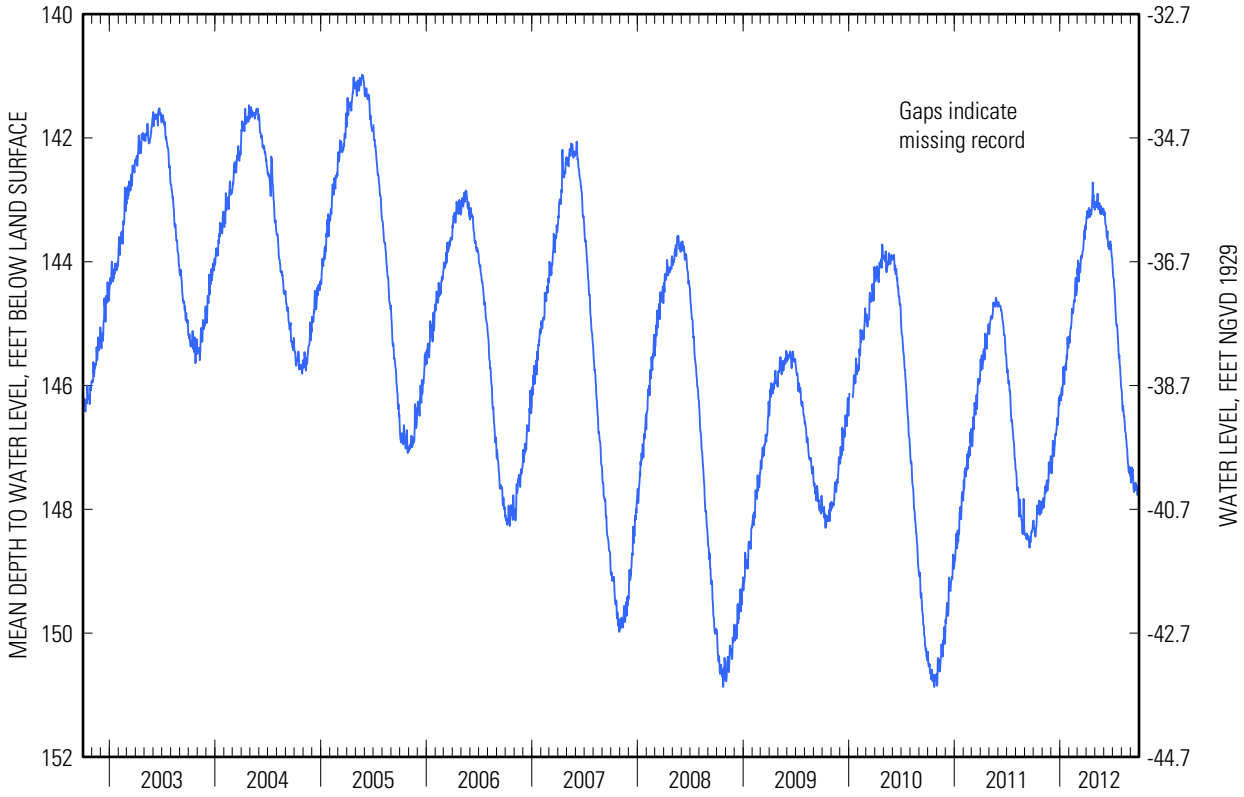
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	148.18	147.96	147.29	146.23	145.21	144.11	143.32	143.06	143.25	144.10	146.07	147.48
2	148.23	147.98	147.34	146.15	145.21	144.19	143.26	143.10	143.19	144.19	146.14	147.54
3	148.31	147.86	147.42	146.19	145.31	143.98	143.29	143.09	143.22	144.25	146.26	147.57
4	148.31	147.82	147.34	146.24	145.21	144.01	143.18	143.03	143.21	144.27	146.38	147.43
5	148.33	147.96	147.24	146.13	145.14	144.14	143.24	143.03	143.33	144.28	146.41	147.32
6	148.41	147.97	147.11	146.07	145.10	144.32	143.28	143.09	143.40	144.39	146.33	147.34
7	148.43	147.90	146.89	146.03	145.06	144.25	143.29	143.12	143.41	144.43	146.39	147.39
8	148.44	147.85	146.99	146.16	145.07	144.09	143.20	143.06	143.42	144.50	146.45	147.35
9	148.39	147.78	147.05	146.15	145.00	144.04	143.14	142.94	143.46	144.59	146.50	147.41
10	148.31	147.63	147.03	146.01	144.95	144.17	143.13	142.90	143.55	144.70	146.49	147.51
11	148.27	147.63	147.14	145.99	144.76	144.15	143.16	143.06	143.62	144.81	146.56	147.64
12	148.21	147.73	147.08	145.70	144.81	144.04	143.22	143.15	143.57	144.90	146.65	147.70
13	148.07	147.70	146.98	145.70	144.84	143.91	143.28	143.15	143.51	144.97	146.73	147.72
14	147.94	147.61	146.96	145.85	144.81	143.92	143.25	143.14	143.64	145.03	146.75	147.68
15	148.01	147.59	146.79	145.98	144.82	143.95	143.19	143.09	143.72	145.04	146.77	147.66
16	148.07	147.54	146.78	145.98	144.79	143.90	143.16	143.05	143.76	145.02	146.84	147.68
17	148.03	147.53	146.79	145.69	144.68	143.91	143.19	143.13	143.75	145.07	146.87	147.69
18	148.05	147.70	146.81	145.70	144.65	143.89	143.24	143.19	143.76	145.15	146.93	147.57
19	147.91	147.69	146.74	145.74	144.62	143.83	143.18	143.19	143.80	145.25	147.00	147.61
20	147.86	147.58	146.70	145.73	144.65	143.82	143.13	143.23	143.80	145.31	147.02	147.68
21	148.03	147.59	146.59	145.64	144.62	143.81	143.04	143.19	143.77	145.43	147.12	147.67
22	148.08	147.54	146.60	145.75	144.40	143.74	142.94	143.10	143.71	145.54	147.21	147.61
23	148.09	147.24	146.52	145.58	144.31	143.66	142.72	143.14	143.67	145.56	147.26	147.69
24	148.05	147.42	146.64	145.51	144.26	143.62	142.84	143.23	143.77	145.51	147.30	147.75
25	148.04	147.41	146.54	145.57	144.31	143.49	142.95	143.23	143.73	145.65	147.37	147.77
26	147.96	147.40	146.50	145.46	144.54	143.50	142.93	143.21	143.80	145.68	147.41	147.75
27	147.87	147.36	146.31	145.22	144.47	143.63	143.00	143.21	143.87	145.73	147.38	147.77
28	148.06	147.33	146.19	145.35	144.47	143.44	143.12	143.17	143.93	145.84	147.31	147.73
29	147.92	147.20	146.32	145.38	144.29	143.41	143.11	143.14	143.94	145.92	147.37	147.70
30	147.95	147.14	146.29	145.39	---	143.48	143.16	143.14	144.02	146.02	147.45	147.68
31	148.00	---	146.23	145.31	---	143.37	---	143.18	---	146.05	147.46	---
Mean	148.12	147.62	146.81	145.79	144.77	143.86	143.14	143.12	143.62	145.07	146.84	147.60
Max	148.44	147.98	147.42	146.24	145.31	144.32	143.32	143.23	144.02	146.05	147.46	147.77
Min	147.86	147.14	146.19	145.22	144.26	143.37	142.72	142.90	143.19	144.10	146.07	147.32

	Water Year 2012
Mean	145.54
High	142.72
Low	148.44

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