Water-Data Report 2013

422745073112001 Local number Pittsfield well PTW 51

Sand and gravel aquifers (glaciated regions)
Ice-Contact Deposits, Including Eskers and Kames

Berkshire County, MA

LOCATION.--Lat 42°27′45″, long 73°11′20″ referenced to North American Datum of 1927, Berkshire County, MA, Hydrologic Unit 01100005, 30 ft east of Hubbard Ave. and about 100 ft north of Barton Brook in Pittsfield.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 31.5 ft. Upper casing diameter 2 in; top of first opening 26.5 ft, bottom of last opening 31.5 ft. Prior to July 1986, water-table well at same location, diameter 1.25 in, depth 31.5 ft, top of first opening, 29.5 ft, bottom of last opening, 31.5 ft.

DATUM.--Land-surface datum is 1,050 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of well casing in shelter, 1.83 ft above land-surface datum, July 1, 1986, to present.

PERIOD OF RECORD.--August 1963 to current year.

GAGE.--Digital recorder with satellite telemeter since July 2001. Digital recorder, July 1986 to current year. Monthly measurements prior to July 1986.

COOPERATION.-- Massachusetts Department of Conservation and Recreation, Office of Water Resources.

REMARKS.--Records are good. Missing periods are not estimated.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 12.30 ft below land-surface datum, Apr. 25, 1969; lowest, 27.57 ft below land-surface datum, Dec. 11, 1964 (monthly measurement).

EXTREMES FOR CURRENT YEAR.--Highest water level, 14.50 ft below land-surface datum, June 16, 2013; lowest, 23.65 ft below land-surface datum, Oct. 13, 2012.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 422745073112001, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/422745073112001.2013.pdf

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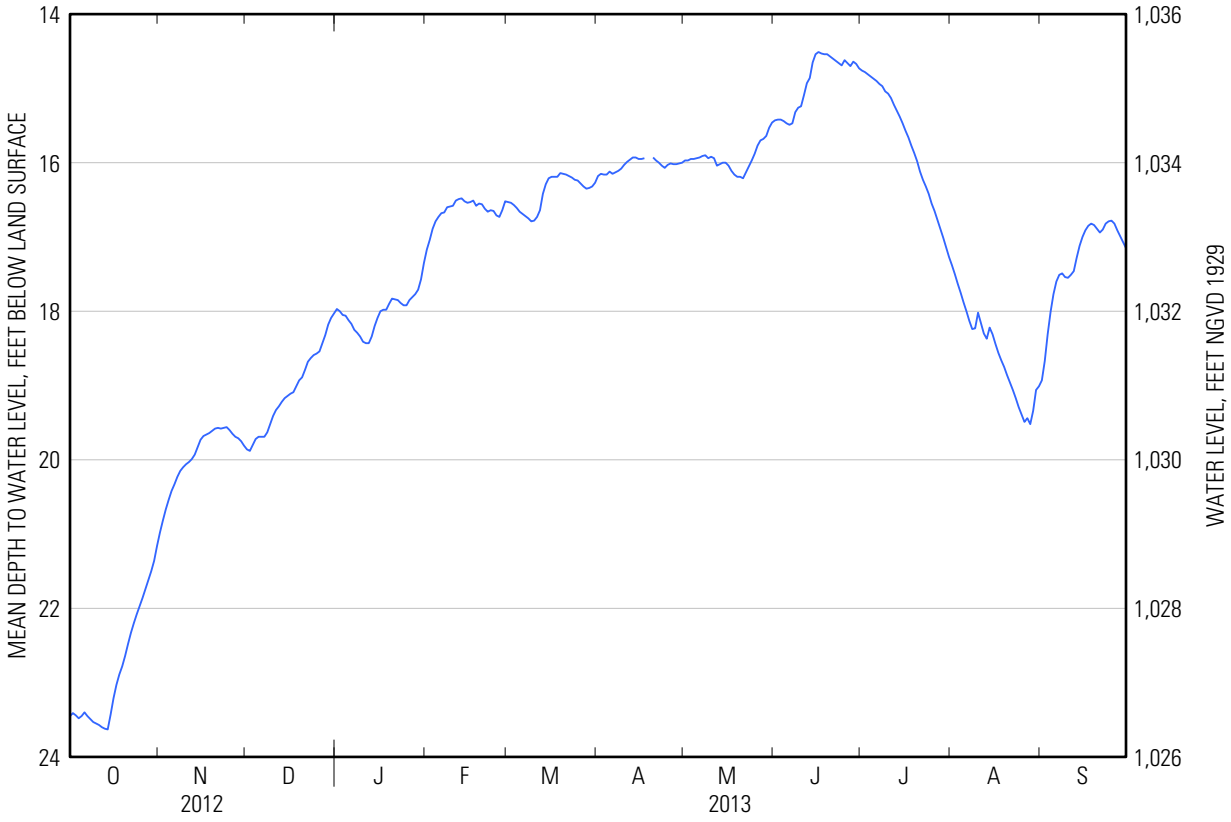
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	23.45	20.98	19.86	17.97	17.17	16.53	16.18	15.97	15.43	14.76	17.38	18.93
2	23.41	20.82	19.88	18.00	17.04	16.54	16.15	15.97	15.42	14.78	17.50	18.67
3	23.44	20.67	19.80	18.05	16.89	16.57	16.16	15.95	15.42	14.81	17.63	18.31
4	23.48	20.54	19.72	18.06	16.79	16.61	16.16	15.95	15.44	14.84	17.75	18.01
5	23.45	20.42	19.69	18.12	16.73	16.66	16.12	15.94	15.47	14.87	17.88	17.77
6	23.40	20.33	19.69	18.17	16.68	16.69	16.15	15.93	15.49	14.90	18.00	17.60
7	23.45	20.23	19.69	18.25	16.67	16.72	16.13	15.91	15.47	14.94	18.13	17.51
8	23.49	20.15	19.63	18.29	16.60	16.75	16.11	15.90	15.32	14.97	18.24	17.49
9	23.53	20.10	19.52	18.34	16.59	16.79	16.08	15.94	15.26	15.04	18.23	17.54
10	23.55	20.06	19.41	18.41	16.58	16.78	16.03	15.92	15.24	15.07	18.02	17.55
11	23.57	20.03	19.33	18.43	16.51	16.73	15.99	15.94	15.09	15.13	18.16	17.51
12	23.60	19.99	19.28	18.43	16.49	16.64	15.96	16.04	14.93	15.22	18.30	17.46
13	23.62	19.93	19.22	18.34	16.48	16.42	15.93	16.02	14.86	15.30	18.37	17.28
14	23.63	19.83	19.17	18.20	16.52	16.29	15.93	16.00	14.65	15.38	18.22	17.12
15	23.43	19.73	19.14	18.09	16.54	16.21	15.95	16.00	14.54	15.47	18.31	17.00
16	23.21	19.68	19.11	18.00	16.53	16.19	15.95	16.04	14.51	15.57	18.44	16.91
17	23.03	19.66	19.09	17.98	16.51	16.19	15.94	16.11	14.53	15.66	18.56	16.85
18	22.89	19.64	19.01	17.98	16.58	16.19	---	16.16	14.54	15.77	18.66	16.82
19	22.78	19.61	18.93	17.90	16.55	16.14	---	16.19	14.54	15.87	18.75	16.84
20	22.64	19.58	18.89	17.83	16.56	16.15	15.93	16.19	14.57	15.98	18.86	16.89
21	22.48	19.57	18.79	17.84	16.62	16.16	15.97	16.21	14.60	16.12	18.96	16.94
22	22.33	19.58	18.68	17.85	16.66	16.18	16.00	16.13	14.63	16.23	19.06	16.90
23	22.20	19.57	18.63	17.89	16.64	16.20	16.04	16.05	14.66	16.32	19.17	16.82
24	22.08	19.56	18.59	17.92	16.65	16.23	16.07	15.97	14.69	16.42	19.29	16.79
25	21.97	19.60	18.57	17.92	16.71	16.24	16.03	15.88	14.62	16.55	19.39	16.78
26	21.86	19.65	18.54	17.85	16.73	16.28	16.01	15.77	14.66	16.65	19.49	16.82
27	21.74	19.69	18.43	17.81	16.64	16.32	16.02	15.70	14.70	16.77	19.44	16.91
28	21.62	19.71	18.32	17.77	16.52	16.35	16.02	15.68	14.64	16.89	19.52	16.99
29	21.50	19.75	18.18	17.71	---	16.34	16.01	15.64	14.67	17.01	19.34	17.07
30	21.36	19.81	18.09	17.57	---	16.32	16.00	15.53	14.73	17.14	19.06	17.15
31	21.16	---	18.03	17.35	---	16.27	---	15.46	---	17.27	19.01	---
Mean	22.82	19.95	19.06	18.01	16.65	16.41	---	15.94	14.91	15.73	18.55	17.31
Max	23.63	20.98	19.88	18.43	17.17	16.79	---	16.21	15.49	17.27	19.52	18.93
Min	21.16	19.56	18.03	17.35	16.48	16.14	---	15.46	14.51	14.76	17.38	16.78

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