



Water-Data Report 2008

01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA

MASSACHUSETTS-RHODE ISLAND COASTAL BASIN
CHARLES RIVER SUBBASIN

LOCATION.--Lat 42°23'28", long 71°16'18" referenced to North American Datum of 1927, Middlesex County, MA, Hydrologic Unit 01090001, at culvert on Lexington Street, 1,700 ft upstream of mouth, and 1.0 mi northeast of Kendall Green.

DRAINAGE AREA.--0.36 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 2004 to October 2007 (discontinued).

GAGE.--Water-stage recorder with telephone telemeter. Elevation of gage is 150 ft above National Geodetic Vertical Datum of 1929, from topographic map.

COOPERATION.--Cambridge Water Department.

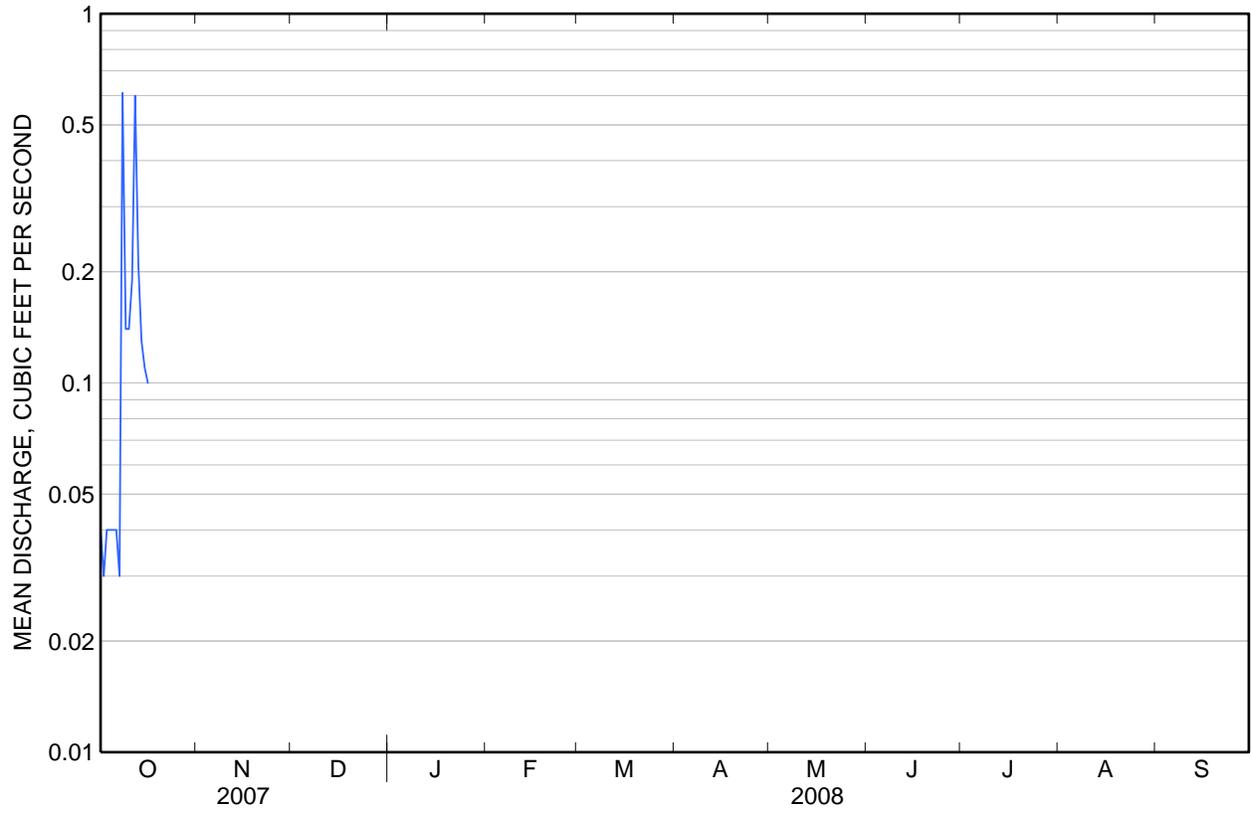
REMARKS.--Records fair except those for discharges less than 0.30 cfs and those for estimated daily discharges, which are poor. Records for the 2007 water year are published after those for the 2008 water year.

01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.04	---	---	---	---	---	---	---	---	---	---	---
2	0.03	---	---	---	---	---	---	---	---	---	---	---
3	0.04	---	---	---	---	---	---	---	---	---	---	---
4	0.04	---	---	---	---	---	---	---	---	---	---	---
5	0.04	---	---	---	---	---	---	---	---	---	---	---
6	0.04	---	---	---	---	---	---	---	---	---	---	---
7	0.03	---	---	---	---	---	---	---	---	---	---	---
8	0.61	---	---	---	---	---	---	---	---	---	---	---
9	0.14	---	---	---	---	---	---	---	---	---	---	---
10	0.14	---	---	---	---	---	---	---	---	---	---	---
11	0.19	---	---	---	---	---	---	---	---	---	---	---
12	0.60	---	---	---	---	---	---	---	---	---	---	---
13	0.21	---	---	---	---	---	---	---	---	---	---	---
14	0.13	---	---	---	---	---	---	---	---	---	---	---
15	0.11	---	---	---	---	---	---	---	---	---	---	---
16	0.10	---	---	---	---	---	---	---	---	---	---	---
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01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued



01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.51	0.39	0.34	0.55	0.06	0.16	0.42	0.25	0.07	0.06	0.16	0.32
2	0.36	0.37	0.52	0.41	e0.06	1.6	0.94	0.25	0.08	0.05	0.13	0.25
3	0.12	0.20	0.20	0.15	e0.07	1.7	0.53	0.21	0.07	0.04	0.12	0.15
4	0.10	0.14	0.21	0.13	e0.06	0.64	0.70	0.19	0.62	0.05	0.17	0.16
5	0.17	0.13	0.15	0.12	e0.06	0.33	1.3	0.17	0.60	0.84	0.17	0.14
6	0.09	0.12	0.13	0.16	e0.06	0.27	0.93	0.16	0.19	0.37	0.65	0.19
7	0.09	0.14	0.13	0.10	e0.05	0.21	0.72	0.15	0.11	0.11	0.31	0.26
8	0.08	0.63	0.12	0.59	e0.05	0.16	0.62	0.11	0.10	0.13	0.43	0.23
9	0.08	0.75	0.11	0.26	e0.05	0.19	0.58	0.08	0.33	0.98	0.17	0.18
10	0.08	0.33	0.11	0.13	e0.05	0.19	0.54	0.07	0.29	0.15	0.33	0.08
11	0.08	0.19	0.10	0.10	e0.04	0.80	0.36	0.30	0.13	0.11	0.18	1.1
12	1.4	0.49	0.10	0.11	e0.04	0.36	0.54	0.36	0.11	0.09	0.17	0.46
13	0.36	0.75	0.15	0.11	e0.04	0.33	0.74	0.17	0.11	0.07	0.29	0.27
14	0.18	0.80	0.12	0.23	e0.18	0.38	0.40	0.12	0.09	0.06	0.24	0.20
15	0.15	0.47	0.10	0.62	e0.25	0.45	0.69	0.10	0.08	0.07	0.15	0.79
16	0.14	0.56	0.10	0.36	e0.12	0.30	1.7	0.30	0.09	0.06	0.19	0.29
17	0.17	1.0	0.08	0.12	e0.05	1.2	1.1	0.57	0.07	0.05	0.17	0.24
18	0.30	0.64	0.08	0.11	e0.05	1.0	0.58	0.45	0.06	0.24	0.26	0.23
19	0.14	0.39	0.07	0.36	e0.04	0.74	0.42	0.60	0.05	0.33	0.18	0.23
20	0.32	0.34	0.07	0.12	e0.05	0.94	0.38	0.58	0.12	0.15	0.21	0.22
21	0.51	0.29	0.07	0.10	e0.81	0.81	0.34	0.44	0.09	0.08	0.13	0.22
22	0.17	0.27	0.07	0.07	e0.47	0.86	0.31	0.35	0.12	0.06	0.04	0.22
23	0.18	0.54	0.60	0.08	0.19	1.0	0.29	0.29	0.09	0.07	0.05	0.19
24	0.16	1.1	0.20	0.07	0.34	0.82	0.27	0.24	0.07	0.08	0.06	0.19
25	0.15	0.56	0.13	0.06	0.39	1.0	0.28	0.20	0.06	0.06	0.06	0.19
26	0.18	0.39	0.57	0.15	0.10	0.86	0.28	0.17	0.06	0.06	0.06	0.25
27	0.12	0.35	0.16	0.22	0.10	0.94	0.34	0.12	0.06	0.05	0.05	0.15
28	0.62	0.32	0.11	0.08	0.19	0.77	0.33	0.10	0.07	1.1	0.04	0.09
29	1.0	0.31	0.10	0.07	---	0.55	0.29	0.08	0.04	0.35	0.11	0.04
30	0.43	0.24	0.09	0.07	---	0.51	0.29	0.07	0.06	1.2	0.11	0.04
31	0.37	---	0.10	0.06	---	0.46	---	0.07	---	0.43	0.39	---
Total	8.81	13.20	5.19	5.87	4.02	20.53	17.21	7.32	4.09	7.55	5.78	7.57
Mean	0.28	0.44	0.17	0.19	0.14	0.66	0.57	0.24	0.14	0.24	0.19	0.25
Max	1.4	1.1	0.60	0.62	0.81	1.7	1.7	0.60	0.62	1.2	0.65	1.1
Min	0.08	0.12	0.07	0.06	0.04	0.16	0.27	0.07	0.04	0.04	0.04	0.04
Cfsm	0.79	1.22	0.47	0.53	0.40	1.84	1.59	0.66	0.38	0.68	0.52	0.70
In.	0.91	1.36	0.54	0.61	0.42	2.12	1.78	0.76	0.42	0.78	0.60	0.78

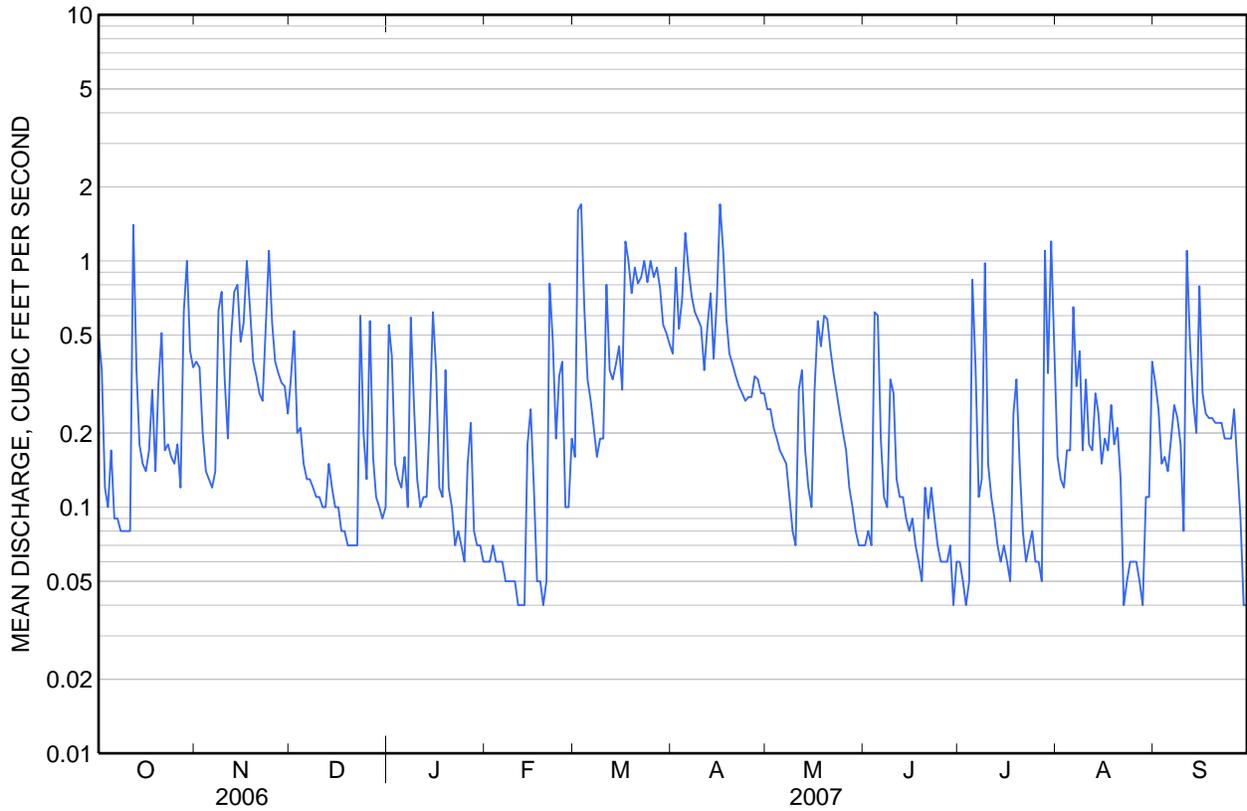
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.49	0.35	0.34	0.42	0.38	0.53	0.52	0.62	0.39	0.32	0.40	0.32
Max	0.86	0.44	0.50	0.56	0.53	0.75	0.76	0.86	0.79	0.39	0.85	0.65
(WY)	(2006)	(2007)	(2005)	(2006)	(2005)	(2005)	(2005)	(2006)	(2006)	(2004)	(2004)	(2004)
Min	0.28	0.29	0.17	0.19	0.14	0.16	0.22	0.24	0.14	0.24	0.19	0.13
(WY)	(2007)	(2006)	(2007)	(2007)	(2007)	(2006)	(2006)	(2007)	(2007)	(2007)	(2007)	(2005)

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SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 2004 - 2007	
Annual total	147.81		107.14			
Annual mean	0.40		0.29		0.40	
Highest annual mean					0.46	2006
Lowest annual mean					0.29	2007
Highest daily mean	4.3	May 14	1.7	Mar 3	6.7	Aug 13, 2004
Lowest daily mean	0.05	Aug 19	0.04	Feb 11	0.03	Sep 10, 2005
Annual seven-day minimum	0.07	Aug 8	0.05	Feb 7	0.04	Sep 6, 2005
Maximum peak flow			4.7 Aug 6		6.0 Oct 15, 2005	
Maximum peak stage			1.52 Aug 6		1.63 Oct 15, 2005	
Instantaneous low flow			0.01 Aug 19		0.01 Aug 19, 2007	
Annual runoff (cfsm)	1.12		0.815		1.11	
Annual runoff (inches)	15.27		11.07		15.09	
10 percent exceeds	0.96		0.71		0.94	
50 percent exceeds	0.23		0.18		0.23	
90 percent exceeds	0.10		0.06		0.08	



01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 2004 to October 2007 (discontinued).

WATER TEMPERATURE: June 2004 to October 2007 (discontinued).

INSTRUMENTATION.--Specific conductance and water-temperature water-quality monitor.

REMARKS.--Records for specific conductance are good except those prior to Nov. 8, 2005, which are fair. Records for water temperature are excellent.

Periods of missing record are not estimated. Records for the 2007 water year are published after those for the 2008 water year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 10,300 µS/cm, Mar. 24, 2005; minimum, 52 µS/cm, Aug. 2, 2005.

WATER TEMPERATURE: Maximum recorded, 27.6 °C, July 22, 2005; minimum, -0.5 °C, several days during Jan., Feb., and Mar., 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 5,040 µS/cm, Mar. 2, 2007; minimum, 57 µS/cm, Nov. 17, 2006.

WATER TEMPERATURE: Maximum recorded, 26.7 °C, July 28, 2007; minimum, -0.3 °C, Feb. 4, 2007.

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	1,690	1,610	1,660	---	---	---	---	---	---	---	---	---
2	1,740	1,680	1,700	---	---	---	---	---	---	---	---	---
3	1,810	1,730	1,770	---	---	---	---	---	---	---	---	---
4	1,810	1,690	1,750	---	---	---	---	---	---	---	---	---
5	1,940	1,770	1,870	---	---	---	---	---	---	---	---	---
6	1,920	1,770	1,850	---	---	---	---	---	---	---	---	---
7	1,930	1,820	1,900	---	---	---	---	---	---	---	---	---
8	1,920	370	898	---	---	---	---	---	---	---	---	---
9	721	493	587	---	---	---	---	---	---	---	---	---
10	962	671	829	---	---	---	---	---	---	---	---	---
11	1,070	962	1,010	---	---	---	---	---	---	---	---	---
12	1,000	359	553	---	---	---	---	---	---	---	---	---
13	675	427	537	---	---	---	---	---	---	---	---	---
14	919	675	794	---	---	---	---	---	---	---	---	---
15	1,110	919	1,010	---	---	---	---	---	---	---	---	---
16	1,280	1,110	1,190	---	---	---	---	---	---	---	---	---
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01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
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01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
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01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	1,540	243	1,020	1,310	1,110	1,230	1,520	184	1,260	2,020	439	1,030
2	626	288	485	1,110	641	911	790	184	490	855	583	686
3	980	626	783	772	671	709	1,060	790	937	1,080	855	970
4	1,250	980	1,120	1,050	772	918	1,230	1,060	1,150	1,230	1,070	1,160
5	1,400	1,160	1,300	1,240	1,050	1,140	1,210	1,120	1,160	1,280	1,190	1,240
6	1,160	1,090	1,110	1,350	1,240	1,300	1,310	1,200	1,260	1,340	1,220	1,290
7	1,270	1,090	1,170	1,410	1,350	1,390	1,390	1,310	1,340	1,250	1,190	1,220
8	1,440	1,270	1,360	1,520	150	722	1,500	1,390	1,440	1,370	258	678
9	1,540	1,440	1,500	594	152	327	1,520	1,450	1,490	898	404	680
10	1,620	1,540	1,580	956	594	782	1,500	1,460	1,490	1,130	898	1,010
11	1,680	1,610	1,650	1,170	956	1,060	1,510	1,480	1,490	1,230	1,130	1,190
12	1,650	110	300	1,220	214	809	1,530	1,490	1,500	1,260	1,210	1,230
13	772	376	624	596	241	467	1,570	1,400	1,500	1,320	1,250	1,280
14	1,070	772	917	273	171	232	1,530	1,380	1,450	1,410	1,160	1,320
15	1,230	1,070	1,130	989	260	546	1,380	1,310	1,340	1,160	417	665
16	1,330	1,230	1,260	1,210	408	816	1,430	1,330	1,390	1,250	539	961
17	1,370	1,300	1,340	498	57	206	1,460	1,400	1,420	1,250	1,180	1,210
18	1,440	771	996	978	437	798	1,470	1,400	1,430	3,230	1,230	1,320
19	865	785	831	1,150	978	1,070	1,540	1,470	1,500	4,410	1,280	2,980
20	955	338	844	1,280	1,150	1,220	1,580	1,540	1,560	2,450	1,960	2,090
21	554	323	440	1,360	1,280	1,310	1,580	1,560	1,570	1,990	1,680	1,820
22	764	554	650	1,400	1,360	1,370	1,600	1,520	1,580	1,680	1,540	1,600
23	1,050	764	918	1,430	121	1,160	1,580	216	603	1,550	1,500	1,530
24	1,100	1,050	1,080	690	121	287	892	430	686	1,570	1,500	1,550
25	1,210	1,090	1,120	1,100	690	959	1,110	892	983	1,650	1,490	1,540
26	1,350	1,210	1,280	1,240	1,100	1,170	1,140	282	495	1,830	1,650	1,730
27	1,450	1,350	1,410	1,320	1,240	1,270	927	514	740	1,830	1,700	1,780
28	1,460	108	768	1,380	1,320	1,350	1,120	927	1,020	1,720	1,640	1,670
29	642	120	348	1,400	1,380	1,390	1,280	1,120	1,190	1,750	1,610	1,700
30	994	642	793	1,440	1,350	1,370	1,370	1,280	1,310	1,780	1,670	1,730
31	1,180	947	1,080	---	---	---	1,500	1,370	1,400	1,750	1,650	1,720
Month	1,680	108	1,010	1,520	57	943	1,600	184	1,230	4,410	258	1,370

01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	1,740	1,570	1,710	1,660	1,390	1,490	1,780	1,610	1,720	1,590	1,410	1,490
2	1,700	1,610	1,650	5,040	415	1,130	1,730	847	1,140	1,690	1,540	1,620
3	4,060	1,600	2,540	1,450	667	1,100	1,550	1,250	1,460	1,660	1,510	1,560
4	4,740	3,760	4,300	1,460	1,040	1,240	1,780	1,060	1,570	1,730	1,660	1,680
5	4,130	3,180	3,640	1,540	1,430	1,460	2,330	508	1,200	1,770	1,690	1,730
6	3,180	2,440	2,750	1,660	1,540	1,590	1,550	1,030	1,400	1,800	1,740	1,780
7	2,440	2,180	2,320	1,690	1,570	1,640	1,750	1,490	1,620	1,820	1,730	1,800
8	2,310	1,980	2,200	1,770	1,630	1,690	1,790	1,640	1,750	1,860	1,810	1,840
9	---	---	---	1,820	1,650	1,750	1,800	1,660	1,770	1,910	1,850	1,870
10	---	---	---	1,740	1,560	1,670	1,850	1,750	1,800	1,900	1,860	1,880
11	---	---	---	1,740	835	1,240	1,870	1,780	1,830	1,860	637	1,340
12	---	---	---	1,250	1,030	1,130	1,840	404	1,430	1,330	862	1,110
13	---	---	---	1,370	1,230	1,300	1,450	617	1,080	1,540	1,320	1,430
14	---	---	---	1,450	1,280	1,380	1,580	1,450	1,520	1,650	1,530	1,580
15	---	---	---	1,560	1,400	1,470	1,610	313	1,070	1,690	1,640	1,660
16	---	---	---	1,540	1,430	1,460	341	222	262	1,800	204	1,370
17	---	---	---	4,050	1,500	2,620	837	300	585	896	246	560
18	---	---	---	2,330	1,600	1,920	1,090	676	849	1,070	227	570
19	---	---	---	1,820	1,490	1,610	1,360	1,090	1,250	602	208	350
20	---	---	---	2,590	1,050	1,600	1,470	1,360	1,410	647	419	522
21	---	---	---	1,870	1,130	1,480	1,540	1,240	1,460	1,080	603	907
22	---	---	---	1,530	695	1,190	1,590	1,420	1,550	1,290	1,080	1,200
23	---	---	---	1,570	1,010	1,380	1,660	1,470	1,610	1,380	1,290	1,330
24	3,490	1,150	2,570	1,760	1,560	1,610	1,720	1,640	1,670	1,430	1,380	1,400
25	1,640	672	962	2,010	1,000	1,440	1,720	1,590	1,690	1,490	1,430	1,450
26	2,350	1,560	1,730	1,710	1,080	1,450	1,590	1,090	1,260	1,510	1,460	1,490
27	3,680	2,350	3,250	1,600	1,300	1,390	1,460	342	844	1,500	1,470	1,490
28	2,770	1,660	2,230	1,650	1,460	1,560	1,320	670	1,110	1,520	1,470	1,500
29	---	---	---	1,700	1,510	1,620	1,420	1,150	1,340	1,600	1,500	1,560
30	---	---	---	1,760	1,580	1,690	1,570	1,360	1,490	1,630	1,430	1,560
31	---	---	---	1,770	1,530	1,700	---	---	---	1,640	1,500	1,580
Month	---	---	---	5,040	415	1,520	2,330	222	1,360	1,910	204	1,390

01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	1,690	1,440	1,600	1,760	1,700	1,730	1,090	707	895	1,810	1,690	1,760
2	1,640	1,450	1,580	1,790	1,740	1,770	1,280	1,070	1,170	1,840	1,770	1,800
3	1,550	1,370	1,510	1,850	1,770	1,810	1,400	1,230	1,310	1,890	1,780	1,830
4	1,550	121	563	1,910	1,650	1,870	1,440	1,330	1,390	1,870	1,800	1,830
5	976	286	688	1,740	249	635	1,500	1,420	1,460	1,880	1,820	1,850
6	1,220	926	1,110	801	528	682	1,500	557	1,230	1,880	1,830	1,850
7	1,360	1,220	1,280	1,150	778	966	695	509	590	1,860	1,700	1,820
8	1,500	1,360	1,450	1,410	1,140	1,240	986	547	699	1,880	1,670	1,800
9	1,490	419	1,150	1,390	262	566	821	588	731	1,790	1,620	1,750
10	1,040	641	824	912	597	758	1,100	809	935	1,830	1,760	1,810
11	1,270	324	1,120	1,150	872	1,010	1,170	1,100	1,140	1,770	146	1,100
12	1,450	1,270	1,360	1,390	1,150	1,260	1,250	1,140	1,180	740	384	557
13	1,550	1,450	1,490	1,540	1,370	1,450	1,350	1,250	1,300	1,020	728	853
14	1,650	1,550	1,600	1,650	1,520	1,580	1,480	1,330	1,410	1,250	1,010	1,090
15	1,680	1,640	1,660	1,710	1,580	1,650	1,560	1,460	1,510	1,260	338	708
16	1,770	1,660	1,730	1,770	1,600	1,700	1,620	1,490	1,550	814	484	645
17	1,790	1,730	1,750	1,720	1,660	1,690	1,660	1,500	1,550	1,090	814	932
18	1,850	1,730	1,790	1,690	903	1,530	1,680	1,150	1,580	1,300	1,090	1,170
19	1,900	1,810	1,840	906	655	806	1,390	1,220	1,330	1,460	1,300	1,370
20	1,850	1,520	1,800	765	545	627	1,320	1,220	1,270	1,580	1,460	1,520
21	1,780	1,450	1,620	1,050	759	887	1,470	1,310	1,390	1,640	1,580	1,610
22	1,480	1,250	1,430	1,330	1,050	1,170	1,600	1,470	1,520	1,700	1,630	1,670
23	1,390	1,340	1,370	1,440	1,330	1,380	1,660	1,600	1,630	1,740	1,610	1,690
24	1,490	1,360	1,410	1,620	1,390	1,550	1,640	1,500	1,600	1,840	1,710	1,780
25	1,610	1,490	1,550	1,580	1,520	1,540	1,660	1,500	1,600	1,900	1,770	1,850
26	1,710	1,590	1,660	1,690	1,540	1,620	1,700	1,570	1,640	1,860	1,690	1,800
27	1,740	1,650	1,690	1,720	1,610	1,660	1,740	1,660	1,700	1,830	1,630	1,760
28	1,700	1,620	1,660	1,710	195	1,040	1,770	1,660	1,720	1,880	1,430	1,780
29	1,720	1,600	1,680	746	383	603	1,820	1,710	1,750	1,830	1,720	1,810
30	1,740	1,670	1,710	847	177	467	1,830	1,710	1,760	1,720	1,590	1,650
31	---	---	---	726	316	559	1,800	1,680	1,750	---	---	---
Month	1,900	121	1,460	1,910	177	1,220	1,830	509	1,360	1,900	146	1,510

01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	17.1	12.8	15.0	---	---	---	---	---	---	---	---	---
2	17.4	11.6	14.7	---	---	---	---	---	---	---	---	---
3	19.3	16.0	17.5	---	---	---	---	---	---	---	---	---
4	21.6	18.1	19.4	---	---	---	---	---	---	---	---	---
5	21.6	15.9	18.7	---	---	---	---	---	---	---	---	---
6	21.9	18.1	19.7	---	---	---	---	---	---	---	---	---
7	19.2	14.9	17.2	---	---	---	---	---	---	---	---	---
8	17.5	14.4	15.5	---	---	---	---	---	---	---	---	---
9	16.8	14.7	15.6	---	---	---	---	---	---	---	---	---
10	15.9	14.4	15.1	---	---	---	---	---	---	---	---	---
11	16.2	15.2	15.7	---	---	---	---	---	---	---	---	---
12	17.7	14.1	16.4	---	---	---	---	---	---	---	---	---
13	15.4	11.6	13.3	---	---	---	---	---	---	---	---	---
14	14.8	11.1	12.6	---	---	---	---	---	---	---	---	---
15	14.4	9.5	11.8	---	---	---	---	---	---	---	---	---
16	14.4	10.8	12.3	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
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23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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Month	---	---	---	---	---	---	---	---	---	---	---	---

01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	16.2	14.0	14.5	15.7	10.8	13.0	15.8	12.7	14.0	6.2	2.8	4.4
2	16.0	13.4	14.8	12.5	8.2	10.6	14.9	8.3	11.2	6.9	3.7	5.4
3	17.8	12.3	14.9	10.6	6.1	8.1	9.9	7.2	8.2	6.5	3.3	4.7
4	18.9	14.7	16.7	10.2	5.3	7.2	8.8	5.6	7.4	7.7	4.4	5.8
5	17.2	13.8	15.6	9.9	4.9	6.9	7.1	4.2	5.6	10.8	6.0	9.0
6	14.3	12.2	13.1	11.2	5.9	8.2	7.1	3.6	5.7	13.6	8.5	11.4
7	14.9	11.3	12.9	11.1	6.1	8.9	10.1	6.5	8.1	8.9	6.5	7.5
8	15.9	9.7	12.7	13.1	10.6	12.2	6.5	2.2	3.7	8.7	6.7	7.6
9	17.6	11.2	14.2	14.2	11.9	13.0	5.8	2.4	4.2	7.4	4.2	5.8
10	16.5	13.0	14.7	13.9	9.7	11.6	7.5	4.1	5.4	5.5	1.7	3.6
11	14.8	13.0	14.0	13.5	8.8	11.2	7.8	4.5	6.0	4.1	1.1	2.5
12	16.7	14.6	15.8	13.1	11.8	12.5	8.0	4.8	6.0	6.9	3.0	4.8
13	15.6	11.0	13.5	12.4	11.6	12.1	9.0	5.9	7.8	7.9	4.6	6.4
14	14.3	9.2	11.6	12.8	11.4	12.1	10.1	6.6	8.0	6.6	5.0	5.7
15	13.5	9.5	11.4	14.4	11.8	13.1	9.9	7.0	8.4	6.3	4.0	4.8
16	13.9	8.8	11.1	16.1	13.2	14.4	9.3	5.7	7.4	5.3	0.8	4.0
17	12.3	9.1	10.8	17.8	13.3	16.5	8.8	5.2	7.0	0.8	-0.1	0.2
18	16.2	12.3	14.2	13.6	11.2	12.1	9.3	6.5	8.1	2.8	-0.1	1.2
19	15.9	12.0	13.7	11.5	10.4	10.9	7.1	3.5	5.6	5.6	1.9	3.8
20	15.6	13.9	14.6	11.2	7.9	9.7	5.9	2.4	4.0	3.2	-0.2	1.6
21	14.2	10.0	12.3	10.0	6.9	8.0	7.2	3.9	5.3	0.1	-0.1	0.0
22	13.2	8.2	10.7	9.5	7.0	8.1	6.8	3.0	5.2	1.4	0.0	0.7
23	13.6	10.6	12.1	10.6	6.3	8.4	8.7	6.6	7.7	2.7	0.4	1.5
24	12.7	10.0	10.9	8.8	6.1	7.3	8.1	5.2	6.6	3.8	-0.1	1.8
25	12.1	8.1	10	9.9	7.0	8.0	7.4	4.3	5.9	2.4	-0.2	0.8
26	10.5	7.7	9.0	11.0	7.0	8.8	8.1	6.1	7.0	0.0	-0.2	-0.1
27	11.1	6.0	8.5	12.2	8.4	10.0	7.0	4.1	5.9	-0.1	-0.2	-0.1
28	13.0	8.9	10.9	10.0	8.8	9.5	6.3	3.7	4.7	0.4	-0.2	0.0
29	12.2	9.1	10.3	10.5	8.8	9.6	4.9	2.0	3.5	2.0	0.0	0.9
30	12.4	8.5	10.0	14.2	10.5	12.3	3.8	2.1	3.1	1.2	-0.1	0.3
31	13.6	8.6	11.2	---	---	---	4.9	1.6	3.0	2.0	0.0	0.8
Month	18.9	6.0	12.6	17.8	4.9	10.5	15.8	1.6	6.4	13.6	-0.2	3.4

01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	2.3	0.0	1.0	6.0	0.6	3.0	12.2	4.2	7.6	17.1	9.2	12.7
2	2.6	0.9	1.7	3.2	0.1	1.0	7.4	6.5	6.8	16.0	10.7	12.6
3	2.8	0.2	1.4	4.1	0.0	1.9	8.1	6.1	6.9	18.0	8.6	12.7
4	0.9	-0.3	0.0	4.8	1.5	2.7	6.4	3.0	5.5	17.9	9.2	13.0
5	0.0	-0.2	-0.2	4.6	0.6	2.2	6.5	1.8	4.0	16.0	9.0	12.4
6	-0.1	-0.2	-0.2	1.2	-0.2	0.2	9.4	3.3	5.5	14.2	9.7	11.5
7	0.0	-0.2	-0.1	0.3	-0.1	0.0	9.8	3.8	6.1	17.9	7.9	12.5
8	-0.1	-0.2	-0.2	2.0	-0.2	0.3	8.8	3.6	5.6	19.3	9.8	14.3
9	---	---	---	1.1	-0.1	0.2	12.4	3.8	7.0	20.6	12.3	16.2
10	---	---	---	4.8	0.0	2.3	8.6	4.9	6.4	21.3	14.8	17.9
11	---	---	---	5.5	2.5	4.0	13.4	3.8	7.7	19.6	15.9	17.6
12	---	---	---	7.4	1.7	3.8	6.8	3.0	5.4	18.8	13.8	16.5
13	---	---	---	8.3	2.8	4.8	8.1	3.6	5.7	19.4	12.4	15.0
14	---	---	---	9.1	4.0	6.2	10.6	5.2	7.4	19.7	10.0	14.4
15	---	---	---	6.9	4.7	5.7	6.5	5.2	5.8	18.6	12.0	14.6
16	---	---	---	4.7	-0.2	2.1	7.9	5.3	7.1	19.0	12.3	15.1
17	---	---	---	1.8	-0.2	0.9	7.5	6.2	6.6	12.6	11.2	12.0
18	---	---	---	4.0	1.6	2.6	7.8	5.8	6.7	11.2	8.7	10.0
19	---	---	---	6.6	1.0	3.3	13.0	6.8	8.9	11.4	8.4	9.8
20	---	---	---	7.2	3.0	4.7	14.4	6.4	9.6	14.1	11.4	12.7
21	---	---	---	7.2	1.5	4.0	16.1	6.7	10.7	15.0	12.0	13.4
22	---	---	---	8.0	4.2	6.0	16.6	8.1	11.7	17.0	10.5	13.4
23	---	---	---	8.6	5.2	6.7	18.7	8.9	13.0	17.0	11.4	13.9
24	1.9	-0.2	0.6	10.1	4.3	6.4	18.5	11.1	13.7	19.0	12.2	15.3
25	4.4	1.2	2.4	7.6	4.1	5.8	12.0	8.9	10.6	19.7	14.0	16.5
26	2.9	1.0	2.1	6.7	4.5	5.7	16.3	8.4	11.8	19.2	14.9	16.8
27	4.7	1.9	2.9	10.6	6.1	7.8	11.0	9.7	10.1	18.6	14.4	16.0
28	5.8	1.0	2.9	11.9	5.2	7.9	16.2	9.7	12.0	18.9	14.4	16.1
29	---	---	---	10.8	3.7	6.3	12.2	10.5	11.2	18.9	13.7	16.2
30	---	---	---	11.8	4.0	6.9	15.1	9.1	11.6	19.8	13.5	16.6
31	---	---	---	12.3	4.6	7.4	---	---	---	16.9	15.1	15.9
Month	---	---	---	12.3	-0.2	4.0	18.7	1.8	8.3	21.3	7.9	14.3

01104433 HOBBS BROOK, UNNAMED TRIBUTARY 1, NEAR WESTON, MA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	20.8	14.7	17.2	19.4	15.6	17.3	23.9	20.1	21.7	20.9	17.3	19.4
2	20.4	15.9	17.8	19.1	14.0	16.5	24.4	19.6	21.9	20.5	14.7	17.7
3	18.2	13.9	16.0	20.2	14.2	17.2	25.1	20.6	22.6	22.4	16.4	19.3
4	15.8	13.5	14.7	20.6	15.8	17.9	24.6	20.8	22.3	20.7	16.5	19.2
5	19.2	15.1	16.7	20.5	17.4	18.9	22.6	18.8	20.6	19.7	14.0	16.8
6	17.6	14.0	15.6	22.0	18.5	20.0	23.4	19.1	20.8	20.1	15.0	17.5
7	17.4	12.3	14.9	21.9	17.6	19.5	23.9	21.0	22.1	24.0	18.0	20.7
8	19.3	14.2	16.6	22.7	18.3	19.9	23.8	21.0	22.2	25.0	20.2	22.3
9	17.0	15.4	16.1	20.9	18.4	19.5	22.4	19.1	20.8	21.8	17.9	20.3
10	18.7	15.0	16.7	22.3	18.6	20.0	19.1	17.2	18.7	19.2	17.6	18.3
11	19.6	15.9	17.4	23.2	19.0	20.7	22.0	15.9	18.9	19.7	17.7	18.2
12	18.7	16.1	17.3	22.4	18.8	20.5	22.9	18.2	20.5	19.5	16.9	18.4
13	16.8	14.0	15.1	22.2	16.9	19.5	22.6	19.6	20.6	19.4	15.4	17.2
14	15.4	13.8	14.5	22.0	18.0	19.7	21.2	17.1	19.2	19.6	14.8	17.2
15	18.6	12.9	15.4	23.9	18.7	20.7	22.4	17.9	19.9	18.9	15.6	17.7
16	19.7	14.0	16.6	22.8	18.9	20.5	23.5	18.6	21.0	17.1	13.8	15.4
17	20.9	15.7	17.9	22.8	17.8	20.0	21.8	19.4	20.9	17.0	12.7	14.7
18	20.2	16.2	18.0	20.3	18.8	19.4	19.7	16.5	18.5	17.2	11.8	14.3
19	21.4	16.2	18.4	21.8	19.4	20.4	19.3	15.2	17.1	18.1	11.7	14.8
20	18.7	16.9	17.8	22.9	19.5	21.2	18.9	15.0	16.9	20.0	15.1	17.3
21	20.4	15.6	17.9	21.3	17.8	19.5	18.7	14.8	16.8	20.4	16.2	17.9
22	18.8	15.8	17.1	22.2	17.6	19.6	18.9	15.4	17.0	20.8	16.9	18.7
23	18.4	14.7	16.4	19.1	17.7	18.5	19.9	17.2	18.4	20.0	16.5	18.4
24	20.0	13.8	16.8	22.0	18.4	19.8	23.7	19.0	21.0	20.0	14.5	17.1
25	22.3	16.0	18.9	23.5	18.0	20.5	25.2	20.3	22.4	21.2	15.6	18.2
26	23.9	17.8	20.5	24.2	18.4	21.2	22.7	20.7	22.0	23.4	18.5	20.6
27	24.6	19.0	21.5	24.4	20.3	22.1	22.6	18.9	20.7	22.7	19.4	20.9
28	23.5	19.8	21.2	26.7	20.6	22.8	22.3	17.1	19.7	21.1	17.2	20.0
29	20.5	17.0	19.2	24.2	21.4	22.6	23.6	17.6	20.4	18.8	15.4	17.1
30	20.9	15.8	18.2	24.4	20.9	22.4	24.1	18.7	21.2	16.8	13.6	15.2
31	---	---	---	23.6	21.1	22.1	23.0	19.0	20.9	---	---	---
Month	24.6	12.3	17.3	26.7	14.0	20.0	25.2	14.8	20.2	25.0	11.7	18.0