Tables 4–17

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
				October				
1	0.00	17	0.07	--	e0.13	18	0.05	0.35
2	.00	16	.05	--	e.13	15	.05	.36
3	.00	13	.05	--	e.13	14	.05	.38
4	.00	11	.05	--	e.13	11	.05	.51
5	.00	10	.05	--	e.13	10	.05	.55
6	.00	11	.05	--	e.13	10	.05	.52
7	.00	0.93	.04	--	e.14	10	.05	.47
8	1.8	.57	.97	--	e1.7	16	.29	.62
9	2.8	4.1	2.1	--	e2.3	44	1.3	.60
10	.32	8.6	.63	--	e.49	26	.52	.44
11	.36	8.6	.45	--	e.54	13	.42	.54
12	.27	.38	.49	--	e.45	13	.55	.59
13	.07	.03	.18	--	e.17	10	.38	6.4
14	1.8	.04	.87	--	e1.7	15	1.1	27
15	13	.09	3.0	--	e6.5	141	10	47
16	1.2	.06	3.1	--	e1.3	142	4.0	113
17	.59	.06	1.5	--	e.78	78	2.7	75
18	.43	.05	.28	--	e.61	45	1.7	67
19	.34	.06	.22	--	e.52	30	1.3	64
20	.26	3.2	.19	--	e.43	23	1.1	49
21	.21	5.0	.17	--	e.37	22	.95	18
22	.27	4.1	.19	--	e.45	20	.96	11
23	1.7	3.3	.50	--	e1.6	40	2.4	11
24	.44	2.2	.16	--	e.63	34	1.7	24
25	6.7	1.7	e.77	--	e4.2	81	5.5	45
26	1.5	1.5	.25	--	e1.4	110	4.5	62
27	.84	1.4	.17	--	e.97	79	3.1	63
28	.69	1.2	.16	--	e.84	58	2.4	50
29	.73	1.3	e.17	--	e.90	47	2.2	37
30	.68	1.6	.28	--	e.84	45	2.0	23
31	.48	1.6	.21	--	e.65	39	1.8	11
TOTAL	**37**	**130**	**17**	**--**	**e31**	**1,259**	**53**	**809**
MEAN	**1.2**	**4.2**	**.56**	**--**	**e1.0**	**41**	**1.7**	**26**
MAX	**13**	**17**	**3.1**	**--**	**e6.5**	**142**	**10**	**113**
MIN	**0.00**	**.03**	**.04**	**--**	**e.13**	**10**	**.05**	**.35**
MED	**.43**	**1.60**	**.21**	**--**	**e.61**	**26**	**1.1**	**11**
MGDSM	**2.95**	**--**	**1.56**	**--**	**2.10**	**--**	**2.02**	**--**
IN.	**5.22**	**--**	**2.77**	**--**	**e3.73**	**--**	**3.63**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
				November				
1	0.45	2.8	0.19	--	e0.63	34	1.6	11
2	.41	4.5	.17	--	e.59	33	1.4	11
3	.35	4.6	.14	--	e.53	29	1.3	11
4	.33	4.6	.12	--	e.51	27	1.2	11
5	.33	4.4	.10	--	e.50	25	1.1	11
6	.44	4.4	.10	--	e.62	23	1.1	11
7	.53	4.5	.17	--	e.71	25	1.0	11
8	.29	9.4	.08	--	e.47	25	0.95	11
9	.27	12	.08	--	e.44	31	.94	11
10	.86	11	.34	--	e.97	40	1.4	11
11	.31	11	.15	--	e.48	37	1.1	11
12	.26	11	.08	--	e.43	33	1.0	11
13	.26	10	.06	--	e.43	31	.90	11
14	.23	10	.05	--	e.39	29	.85	11
15	.23	11	.06	--	e.39	28	.80	11
16	.57	11	.12	--	e.71	29	.91	11
17	.95	11	.27	--	e1.0	37	1.30	11
18	.34	10	.21	--	e.52	34	1.0	11
19	.29	11	.11	--	e.47	32	.87	12
20	.27	10	.08	--	e.44	30	.82	17
21	.27	7.7	.08	--	e.44	28	.81	29
22	4.1	5.2	.32	--	e3.0	54	3.2	35
23	.86	3.5	.39	--	e.97	63	2.2	26
24	.80	3.6	.38	--	e.97	53	1.9	19
25	.54	3.6	.35	--	e.71	43	1.7	19
26	.47	3.6	.31	--	e.65	37	1.5	19
27	.46	3.6	.29	--	e.64	33	1.4	20
28	.43	3.4	.26	--	e.61	32	1.4	30
29	.41	3.4	.24	--	e.59	31	1.3	38
30	2.8	3.5	.26	--	e2.3	45	2.3	42
TOTAL	**19**	**209**	**5.6**	**--**	**e22**	**1,031**	**39**	**504**
MEAN	**.64**	**6.98**	**.19**	**--**	**e.74**	**34**	**1.3**	**16.8**
MAX	**4.1**	**12**	**.39**	**--**	**e3.0**	**63**	**3.2**	**42**
MIN	**.23**	**2.8**	**.05**	**--**	**e.39**	**23**	**.80**	**11**
MED	**.41**	**4.9**	**.16**	**--**	**e.59**	**32**	**1.2**	**11**
MGDSM	**1.55**	**--**	**.51**	**--**	**e1.54**	**--**	**1.54**	**--**
IN.	**2.69**	**--**	**.89**	**--**	**e2.65**	**--**	**2.68**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
December								
1	0.86	3.5	0.3	--	e0.97	52	2.1	42
2	.64	3.5	.28	--	e.78	44	1.8	41
3	.51	3.5	.26	--	e.71	38	1.5	40
4	.50	3.4	.24	--	e.65	34	1.3	26
5	.45	3.4	.23	--	e.63	31	1.3	18
6	.42	3.4	.21	--	e.60	30	e1.3	18
7	.37	3.2	.20	--	e.55	28	e1.2	18
8	.33	2.9	.17	--	e.50	25	1.1	16
9	.37	2.9	.16	--	e.55	25	1.2	12
10	.36	2.9	.14	--	e.54	27	1.1	11
11	.37	2.4	.14	--	e.55	26	1.0	10
12	.34	2.0	.12	--	e.52	25	0.97	9.1
13	.29	2.1	.11	--	e.47	24	.89	8.7
14	.26	2.9	.09	--	e.43	22	.83	9.0
15	.24	3.0	.08	--	e.40	21	.80	9.0
16	2.5	3.1	.15	--	e2.1	35	1.7	12
17	.77	3.2	.23	--	e.90	40	1.6	13
18	.54	3.2	.23	--	e.71	38	1.3	13
19	.47	3.3	.21	--	e.65	34	1.2	13
20	.42	5.9	.20	--	e.60	31	1.0	22
21	.37	9.9	.17	--	e.55	33	.95	25
22	.34	7.9	e.17	--	e.52	31	.89	19
23	.36	6.7	.13	--	e.54	27	.89	18
24	.39	6.7	.15	--	e.57	27	.89	18
25	.56	6.7	.19	--	e.71	28	.94	17
26	2.8	6.8	.97	--	e2.3	53	2.2	25
27	1.1	6.8	.52	--	e1.2	65	2.1	31
28	.71	6.9	.22	--	e.84	53	1.8	32
29	1	6.9	.48	--	e1.2	50	1.9	38
30	.86	6.9	.42	--	e.97	55	2.1	43
31	.61	6.9	.21	--	e.78	50	1.7	43
TOTAL	**20**	**143**	**7.4**	**--**	**e24**	**1,102**	**42**	**670**
MEAN	**.65**	**4.6**	**.24**	**--**	**e.77**	**36**	**1.3**	**22**
MAX	**2.8**	**9.9**	**.97**	**--**	**e2.3**	**65**	**2.2**	**43**
MIN	**.24**	**2.0**	**0.08**	**--**	**e.40**	**21**	**.80**	**8.7**
MED	**.45**	**3.4**	**.20**	**--**	**e.63**	**31**	**1.2**	**18**
MGDSM	**1.58**	**--**	**.66**	**--**	**e1.61**	**--**	**1.58**	**--**
IN.	**2.82**	**--**	**1.17**	**--**	**e2.87**	**--**	**2.82**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
				January				
1	0.57	6.9	0.2	--	e0.71	45	1.6	43
2	.53	6.9	.19	--	e.71	41	1.5	35
3	.74	7.0	.55	--	e.90	44	1.7	31
4	.55	7.0	.28	--	e.71	44	1.6	31
5	.54	9.2	.26	--	e.71	43	1.5	31
6	.48	11	.21	--	e.65	43	1.4	17
7	.43	11	.17	--	e.61	41	1.2	19
8	.39	11	.16	--	e.58	38	1.1	24
9	.39	11	.16	--	e.57	37	1.1	25
10	.37	11	.16	--	e.55	36	1.0	25
11	.49	11	.17	--	e.65	36	1.1	25
12	1.0	11	.58	--	e1.1	47	1.8	25
13	.51	11	.21	--	e.71	46	1.5	25
14	1.5	11	.83	--	e1.5	53	1.8	33
15	1.3	11	.78	--	e1.3	64	2.1	39
16	.59	11	.25	--	e.78	51	1.5	39
17	.50	11	.22	--	e.71	43	1.3	39
18	3.0	11	.98	--	e2.3	61	2.8	42
19	1.0	13	.64	--	e1.1	83	2.6	44
20	.80	15	.26	--	e.97	73	2.1	46
21	.70	15	.22	--	e.84	63	1.9	46
22	.56	16	.18	--	e.71	57	1.7	46
23	.66	17	.28	--	e.84	59	1.8	46
24	.64	17	.34	--	e.78	58	1.7	46
25	.77	17	.50	--	e.90	60	1.7	44
26	.62	17	.38	--	e.78	59	1.6	44
27	.52	17	.22	--	e.71	53	1.4	45
28	.56	17	.29	--	e.71	51	1.3	44
29	1.1	17	.50	--	e1.2	53	1.5	31
30	.95	17	.58	--	e1.0	63	1.9	29
31	.91	17	.46	--	e1.0	63	1.9	33
TOTAL	**24**	**392**	**11.21**	**--**	**e27**	**1,608**	**51**	**1,092**
MEAN	**.76**	**13**	**.36**	**--**	**e.88**	**52**	**.64**	**35**
MAX	**3.0**	**17**	**.98**	**--**	**e2.3**	**83**	**2.8**	**46**
MIN	**.37**	**6.9**	**.16**	**--**	**e.55**	**36**	**1.0**	**17**
MED	**.59**	**11**	**.26**	**--**	**e.78**	**51**	**1.6**	**35**
MGDSM	**1.86**	**--**	**1.0**	**--**	**e1.83**	**--**	**.92**	**--**
IN.	**3.33**	**--**	**1.79**	**--**	**e3.28**	**--**	**3.44**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
February								
1	0.76	17	0.35	--	e0.90	61	1.7	33
2	.67	17	.27	--	e.84	57	1.6	34
3	2.4	17	.85	--	e2.0	70	2.3	34
4	1.7	17	.63	--	e1.6	85	2.6	35
5	2.6	17	1.1	--	e2.1	108	3.5	53
6	1.1	17	.43	--	e1.2	93	2.7	70
7	.87	17	.32	--	e.97	78	2.2	70
8	.74	17	.28	--	e.90	69	1.9	69
9	.65	17	.24	--	e.84	63	1.8	60
10	.55	17	.21	--	e.71	58	1.6	41
11	.52	17	.19	--	e.71	54	1.5	31
12	.53	17	.20	--	e.71	53	1.5	30
13	.48	17	.20	--	e.65	51	1.4	30
14	.46	17	.22	--	e.65	51	1.2	31
15	.61	17	.39	--	e.78	51	1.2	32
16	.70	16	.34	--	e.84	53	1.4	32
17	.94	16	.44	--	e1.0	58	1.7	31
18	.54	17	.23	--	e.71	57	1.5	32
19	.43	16	.16	--	e.61	48	1.1	32
20	.40	16	.15	--	e.58	44	1.1	32
21	.38	16	.15	--	e.56	42	1.1	32
22	.37	16	.14	--	e.54	41	1.0	32
23	.37	16	.15	--	e.55	40	1.0	31
24	.34	16	.14	--	e.52	40	0.99	30
25	.32	16	.12	--	e.50	39	.90	18
26	.32	16	.14	--	e.49	38	.87	11
27	.28	16	.13	--	e.45	36	.79	11
28	.25	16	.11	--	e.42	35	.75	11
TOTAL	**20.28**	**464**	**8.3**	**--**	**e23**	**1,573**	**43**	**988**
MEAN	**.72**	**17**	**.30**	**--**	**e.83**	**56**	**1.5**	**35**
MAX	**2.6**	**17**	**1.1**	**--**	**e2.1**	**108**	**3.5**	**70**
MIN	**.25**	**16**	**.11**	**--**	**e.42**	**35**	**.75**	**11**
MED	**.54**	**17**	**.22**	**--**	**e.71**	**53**	**1.4**	**32**
MGDSM	**1.77**	**--**	**.82**	**--**	**e1.74**	**--**	**1.80**	**--**
IN.	**2.84**	**--**	**1.32**	**--**	**e2.8**	**--**	**2.91**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
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				March				
1	0.24	16	0.10	--	e0.40	34	0.75	11
2	.23	16	.10	--	e.39	34	.75	19
3	.22	16	.09	--	e.39	34	.70	23
4	.21	13	.09	--	e.37	31	.66	23
5	.21	11	.09	--	e.37	26	.66	15
6	.20	11	.09	--	e.36	26	.64	11
7	.19	11	.09	--	e.34	26	.63	11
8	.18	7.7	.09	--	e.32	24	.63	5.1
9	.17	5.4	.09	--	e.32	20	.63	0.13
10	.24	5.4	.11	--	e.40	21	.66	.11
11	.20	5.4	.10	--	e.36	22	.67	.12
12	.20	3.3	.09	--	e.36	21	.66	.12
13	.32	2.0	.13	--	e.49	18	.67	.14
14	.88	1.9	.63	--	e1.0	27	1.0	.17
15	.29	1.5	.15	--	e.47	25	.81	.09
16	.22	1.1	.11	--	e.39	20	.66	1.4
17	.20	0.98	.10	--	e.36	17	.61	5.3
18	.19	.81	.09	--	e.34	15	.58	9.0
19	.19	.75	.09	--	e.34	14	.56	9.8
20	.18	.75	.08	--	e.33	13	.54	9.6
21	.17	.57	.08	--	e.32	13	.52	5.1
22	.17	.57	.08	--	e.32	13	.51	2.5
23	.16	.48	.08	--	e.30	13	.50	2.6
24	.15	.43	.08	--	e.30	13	.51	1.3
25	.14	.43	.08	--	e.27	13	.49	.14
26	.13	.43	.07	--	e.26	13	.47	.14
27	.12	.46	.07	--	e.25	12	.45	.14
28	.12	.43	.06	--	e.25	12	.46	.16
29	.11	.42	.06	--	e.23	11	.44	.19
30	.10	.45	.06	--	e.22	12	.43	.21
31	.10	.45	.06	--	e.21	11	.42	.23
TOTAL	**6.4**	**136**	**3.3**	**--**	**e11**	**604**	**19**	**167**
MEAN	**.21**	**4.4**	**.11**	**--**	**e.36**	**20**	**.60**	**5.4**
MAX	**.88**	**16**	**.63**	**--**	**e1.0**	**34**	**1.0**	**23**
MIN	**.10**	**.42**	**.06**	**--**	**e.21**	**11**	**.42**	**.09**
MED	**.19**	**1.1**	**.09**	**--**	**e.34**	**18**	**.63**	**1.4**
MGDSM	**.51**	**--**	**.29**	**--**	**e.74**	**--**	**.71**	**--**
IN.	**.91**	**--**	**.53**	**--**	**e1.33**	**--**	**1.26**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
April								
1	0.20	0.53	0.15	--	e0.36	12	0.47	0.25
2	.12	.52	.08	--	e.25	12	.47	.16
3	.10	.52	.06	--	e.22	11	.43	.15
4	.92	.59	.65	--	e1.2	19	.90	.19
5	.54	.62	.40	--	.55	22	.85	.13
6	.32	.69	.19	--	.19	23	.76	.12
7	.29	.71	.16	--	.25	20	.62	.15
8	.29	.69	.18	--	.24	19	.60	.15
9	.20	.68	.11	--	.16	17	.51	.15
10	.18	.66	.10	--	.15	14	.48	.17
11	.16	.71	.10	--	.14	13	.48	.18
12	.16	.71	.08	--	.14	13	.47	.18
13	.16	.72	.09	--	.14	12	.42	.17
14	.14	.73	.08	--	.13	12	.42	.20
15	.14	.76	.07	--	.13	11	.44	.19
16	.11	.73	.07	--	.12	10	.36	.14
17	.11	.64	.06	--	.11	9.7	.31	.14
18	.11	.62	.07	--	.11	9.8	.33	.13
19	.10	.61	.06	--	.10	10	.31	.11
20	.09	.62	.06	--	.09	11	.26	.12
21	.08	.64	.07	--	.09	9	.24	.13
22	.09	.71	.07	--	.10	8.6	.22	.19
23	.59	.75	.22	--	1.2	11	.36	.11
24	.71	.88	.63	--	.55	25	.92	.11
25	.25	.91	.16	--	.20	21	.63	.09
26	.17	.94	.11	--	.16	17	.50	.11
27	.14	.93	.07	--	.15	14	.45	.15
28	.12	.90	.06	--	.14	12	.42	.17
29	.10	.87	.05	--	.14	11	.38	.13
30	.10	.87	.05	--	.14	11	.32	.11
TOTAL	**6.8**	**21**	**4.3**	**--**	**e7.7**	**420**	**14**	**4.5**
MEAN	**.23**	**.72**	**.14**	**--**	**e.26**	**14**	**.48**	**.15**
MAX	**.92**	**.94**	**.65**	**--**	**e1.2**	**25**	**.92**	**.25**
MIN	**.08**	**.52**	**.05**	**--**	**.09**	**8.6**	**.22**	**.09**
MED	**.15**	**.71**	**.08**	**--**	**e.14**	**12**	**.45**	**.15**
MGDSM	**.55**	**--**	**.40**	**--**	**e.53**	**--**	**.56**	**--**
IN.	**.95**	**--**	**.69**	**--**	**e.93**	**--**	**.97**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
				May				
1	0.09	0.90	0.05	--	0.14	10	0.28	0.11
2	.80	.95	.47	--	1.5	16	.67	.14
3	.77	1.0	.66	--	.71	29	1.2	.14
4	.33	1.1	.21	--	.29	27	.85	.13
5	.24	1.1	.12	--	.24	20	.64	.16
6	.18	1.2	.10	--	.22	16	.55	.18
7	.14	1.2	.08	--	.20	14	.50	.16
8	.12	1.3	.08	--	.21	13	.45	.18
9	1.0	1.3	.59	--	1.7	18	.91	.21
10	.86	1.3	.94	--	.92	33	1.6	.14
11	.39	1.2	.22	--	.45	31	1.2	6.1
12	.47	1.2	.20	--	.94	26	.98	35
13	8.9	1.5	1.7	--	7.1	74	4.6	48
14	15	2.0	2.8	--	10	166	9.5	149
15	4.6	2.6	2.3	--	4.5	173	8.3	224
16	3.3	7.7	1.7	--	1	149	6.5	181
17	1.8	17	.83	--	2.2	136	5.3	177
18	1.3	21	.41	--	1.7	112	4.1	116
19	2.2	22	.77	--	2.7	101	3.8	84
20	1.3	24	.61	--	1.4	108	3.1	85
21	1.0	23	.37	--	1.3	89	2.4	85
22	.85	22	.34	--	1	78	2.1	84
23	.72	20	.24	--	.84	67	1.8	54
24	.63	18	.21	--	.74	60	1.7	36
25	.57	17	.19	--	.65	54	1.5	36
26	.61	16	.33	--	.85	50	1.3	36
27	.61	16	.33	--	.60	51	1.4	36
28	.45	15	.18	--	.48	48	1.2	36
29	.40	14	.14	--	.42	44	.97	36
30	.36	13	.13	--	.37	40	1.0	14
31	.33	12	.12	--	.33	36	.77	11
TOTAL	**50**	**298**	**17**	**--**	**46**	**1,889**	**71**	**1,571**
MEAN	**1.6**	**9.6**	**.56**	**--**	**1.5**	**60.9**	**2.3**	**51**
MAX	**15**	**24**	**2.8**	**--**	**10**	**173**	**9.5**	**224**
MIN	**.09**	**.90**	**.05**	**--**	**.14**	**10**	**.28**	**.11**
MED	**.63**	**7.7**	**.33**	**--**	**.84**	**48**	**1.3**	**36**
MGDSM	**3.96**	**--**	**1.6**	**--**	**3.07**	**--**	**2.7**	**--**
IN.	**7.07**	**--**	**2.77**	**--**	**5.50**	**--**	**4.83**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
				June				
1	0.31	11	0.11	e2.2	0.29	33	0.68	18
2	.50	11	.25	2.4	.65	33	.68	18
3	3.6	e11	1.0	4.3	3.0	58	1.8	18
4	2.4	e16	.99	9.3	1.5	118	2.6	65
5	.81	e17	.32	7.2	.52	99	1.6	81
6	.60	e16	.23	5.2	.42	70	1.2	96
7	8.2	e17	1.1	9.3	7.7	111	4.9	115
8	3.1	e26	1.6	17	4.5	203	5.9	126
9	1.6	e30	.96	13	2.6	185	4.4	160
10	3.1	e29	.91	11	3.0	168	4.1	174
11	1.5	e29	.62	11	1.7	162	3.3	151
12	1.0	e28	.35	8.8	1.2	133	2.4	104
13	.82	25	.27	7.0	.93	107	2.0	56
14	2.8	24	.63	8.4	4.1	118	3.9	46
15	2.4	28	1.1	14	2.5	169	4.7	96
16	.97	27	.48	10	1.1	141	3.1	115
17	.75	24	.30	7.8	.81	109	2.1	112
18	.63	21	.25	6.3	.67	88	1.8	81
19	.53	18	.22	5.3	.57	73	1.5	47
20	.47	16	.20	4.7	.48	61	1.3	27
21	.40	14	.18	4.5	.40	54	1.0	28
22	.36	12	.15	3.8	.32	46	.93	19
23	1.6	12	.48	3.9	3.0	54	1.6	14
24	1.3	14	.83	7.0	1.4	81	2.2	19
25	1.1	15	.58	6.7	1.1	77	1.8	67
26	.71	14	.46	6.1	0.64	72	1.6	62
27	.48	13	.20	4.6	.52	59	1.3	38
28	.49	12	.23	4.0	.53	50	1.1	22
29	.45	12	.18	3.5	.44	45	.99	17
30	.36	11	.15	3.0	.36	42	.92	26
TOTAL	**43**	**e553**	**15**	**211**	**7.0**	**2,819**	**67**	**2,018**
MEAN	**1.4**	**e18.4**	**.51**	**7.0**	**1.6**	**94**	**2.3**	**67**
MAX	**8.2**	**e30**	**1.6**	**17**	**7.7**	**203**	**5.9**	**174**
MIN	**.31**	**e11**	**.11**	**2.2**	**.29**	**33**	**.68**	**14**
MED	**.82**	**e16**	**.33**	**6.5**	**.87**	**79**	**1.8**	**59**
MGDSM	**3.52**	**--**	**1.4**	**--**	**3.26**	**--**	**2.64**	**--**
IN.	**6.14**	**--**	**2.46**	**--**	**5.62**	**--**	**4.57**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
				July				
1	0.29	10	0.12	3.0	.29	37	0.78	10
2	.26	9.3	.11	2.5	.26	33	.68	15
3	.22	8.7	.10	2.1	.23	30	.61	19
4	.45	8.3	.15	1.8	.25	28	.58	12
5	.22	8.0	.13	1.8	.20	26	.54	6.8
6	.31	7.8	.27	1.8	.38	27	.58	0.14
7	.17	7.7	.11	1.5	.19	25	.51	6.4
8	.15	7.6	.10	1.4	.19	23	.46	11
9	.14	7.6	.09	1.4	.18	22	.43	11
10	.12	7.6	.08	1.2	.17	20	.35	8.1
11	.87	7.6	.16	1.1	.27	20	.31	2.7
12	1.1	7.7	.55	1.4	1.8	26	.62	.16
13	.50	7.8	.45	2.3	.32	31	.91	.14
14	.27	7.9	.15	2.0	.19	28	.55	.13
15	.19	7.9	.11	1.6	.18	24	.54	.14
16	.16	6.5	.09	1.3	.17	21	.46	.17
17	.13	5.8	.08	1.1	.16	17	.46	.24
18	.11	5.8	.07	0.93	.14	16	.27	.25
19	.20	5.7	.14	1.1	.63	16	.74	.27
20	.09	5.7	.08	1.0	.14	14	.44	.14
21	.68	5.7	.48	1.0	2.1	20	.56	.21
22	.31	5.7	.91	1.9	.31	28	.66	.19
23	.27	5.7	.64	2.6	1.1	27	.76	.21
24	.11	5.8	.17	2.1	.19	22	.56	.18
25	.09	5.8	.13	1.5	.17	18	.44	.20
26	.08	5.8	.10	1.2	.16	16	.35	.20
27	.06	5.4	.10	1.0	.15	14	.28	.23
28	2.0	5.4	.38	1.0	1.2	17	.34	.30
29	.30	4.8	.49	1.3	.22	26	.37	.27
30	.12	4.5	.13	1.0	.20	17	.28	.23
31	.09	4.5	.11	.82	.19	14	.21	.22
TOTAL	**10**	**210**	**6.8**	**48**	**2.3**	**703**	**16**	**106**
MEAN	**.32**	**6.8**	**.22**	**1.5**	**.40**	**23**	**.50**	**3.4**
MAX	**2.0**	**10.0**	**.91**	**3.0**	**2.1**	**37**	**.91**	**19**
MIN	**.06**	**4.5**	**.07**	**.82**	**.14**	**14**	**.21**	**.13**
MED	**.20**	**6.5**	**.13**	**1.4**	**.20**	**22**	**.51**	**.23**
MGDSM	**.79**	**--**	**.61**	**--**	**.83**	**--**	**.59**	**--**
IN.	**1.39**	**--**	**1.08**	**--**	**1.48**	**--**	**1.06**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
				August				
1	0.08	4.6	0.10	0.74	0.18	13	0.18	0.22
2	.06	4.6	.09	.71	.17	12	.15	.19
3	.05	6.0	.08	.63	.17	12	.12	.17
4	.36	7.0	.35	.58	.51	16	.17	.23
5	.06	7.2	.11	.53	.17	15	.14	.30
6	.04	7.2	.08	.46	.16	14	.11	.30
7	.07	7.2	.13	.42	.21	14	.11	.30
8	.03	7.2	.07	.61	.18	14	.10	.30
9	.02	7.2	.05	.46	.19	13	.10	.28
10	.02	9.5	.05	.36	.20	15	.10	.28
11	.01	11	.05	.34	.20	19	.09	.27
12	.01	11	.04	.31	.20	18	.09	.27
13	.01	11	.04	.28	.20	18	.09	.28
14	.01	10	.04	.29	.21	17	.09	.32
15	.51	10	.59	.55	1.1	21	.17	.40
16	.03	10	.07	.59	.21	19	.25	.31
17	.02	8.8	.04	.48	.19	17	.07	.29
18	.01	7.1	.04	.41	.17	13	.07	.28
19	.01	7.1	.03	.37	.16	13	.06	.28
20	.66	7.2	.76	.72	1.5	19	.21	.39
21	.07	7.1	.26	1.0	.19	18	.46	.32
22	.02	7.1	.09	.66	.18	15	.17	.30
23	.02	7.1	.08	.44	.17	14	.11	.31
24	.01	7.0	.07	.35	.16	13	.10	.30
25	2.4	7.1	1.1	.88	1.5	22	.34	.38
26	.15	7.1	0.23	1.0	.20	20	.25	.31
27	.51	3.4	0.43	.84	.89	17	.29	.39
28	.36	1.0	0.58	1.4	.32	17	.43	.40
29	.23	1.0	0.39	1.0	.39	13	.36	.40
30	.13	1.0	0.2	1.0	.20	12	.33	.38
31	.09	1.0	0.13	.91	.19	10	.26	.38
TOTAL	**6.1**	**211**	**6.4**	**9.3**	**11**	**483**	**5.6**	**9.50**
MEAN	**.20**	**6.8**	**.21**	**.62**	**.34**	**16**	**.18**	**.31**
MAX	**2.4**	**11**	**1.1**	**1.4**	**1.5**	**22**	**.46**	**.40**
MIN	**.01**	**1.0**	**.03**	**.28**	**.16**	**10**	**.06**	**.17**
MED	**.05**	**7.1**	**.09**	**.58**	**.20**	**15**	**.14**	**.30**
MGDSM	**.48**	**--**	**.57**	**--**	**.72**	**--**	**.21**	**--**
IN.	**.85**	**--**	**1.02**	**--**	**1.29**	**--**	**.38**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Day of month	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
				September				
1	0.08	1.0	0.11	0.62	0.18	8.7	0.23	0.39
2	.08	0.99	.10	.51	.18	7.8	.20	.38
3	.70	.98	.76	1.2	1.2	15	.55	.45
4	.16	.98	.28	1.8	.22	16	.45	.42
5	.11	.98	.19	1.1	.21	12	.35	.42
6	.11	.98	.19	.93	.20	10	.32	e.45
7	.08	.98	.14	.71	.19	9.1	.27	e.41
8	.07	.98	.13	.54	.19	7.9	.24	.36
9	.06	.98	.12	.40	.18	6.7	.21	.37
10	.05	.98	.12	.35	.18	6.1	.17	.35
11	.05	.98	.11	.26	.17	5.8	.14	.38
12	.05	.98	.09	.25	.17	5.5	.13	.41
13	.04	2.4	.09	.23	.17	5.4	.12	.42
14	.32	4.3	.39	.46	1.2	12	.24	.52
15	.09	6.4	.33	1.1	.20	16	.34	.44
16	.05	11	.11	.53	.19	21	.23	.41
17	.04	14	.09	.45	.18	26	.20	.41
18	.04	16	.08	.37	.18	29	.18	.42
19	.52	12	.15	.36	.45	26	.20	.42
20	1.0	8.9	.55	.80	.62	25	.33	.41
21	.08	8.7	.12	.61	.17	20	.18	.31
22	.05	8.5	.09	.37	.17	17	.17	.37
23	.17	8.6	.20	.45	.21	18	.17	.41
24	.08	8.5	.11	.46	.17	18	.17	.40
25	.06	8.6	.10	.35	.16	17	.14	.35
26	.05	8.6	.06	.29	.15	16	.13	e.36
27	.04	8.6	.04	.23	.15	16	.10	e.40
28	.03	8.6	.03	.23	.16	16	.10	e.37
29	.05	8.6	.07	.27	.22	16	.11	e.36
30	.04	8.5	.04	.70	.14	16	.10	e.33
TOTAL	**4.4**	**173**	**5.0**	**17**	**8.2**	**441**	**6.5**	**12**
MEAN	**.15**	**5.8**	**.17**	**.56**	**.27**	**15**	**.22**	**.40**
MAX	**1.0**	**16**	**.76**	**1.8**	**1.2**	**29**	**.55**	**.52**
MIN	**.03**	**.98**	**.03**	**.23**	**.14**	**5.4**	**.10**	**.31**
MED	**.07**	**7.5**	**.11**	**.45**	**.18**	**16**	**.19**	**.40**
MGDSM	**.35**	**--**	**.46**	**--**	**.57**	**--**	**.25**	**--**
IN.	**.62**	**--**	**.80**	**--**	**.98**	**--**	**.44**	**--**

Table 4. Daily, monthly, and annual statistics for discharge for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in millions of gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median; MGDSM, millions of gallons of water per day per square mile; IN, inches of water]

Annual statistics	U.S. Geological Survey station name and number							
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)	Stony Brook, unnamed tributary 2, near Waltham (01104453)	Stony Brook, unnamed tributary 1, near Waltham (01104455)	Stony Brook at Route 20 at Waltham (01104460)	Stony Brook Reservoir, unnamed tributary near Weston (01104475)	Stony Brook Reservoir at dam near Waltham (01104480)
ANNUAL TOTAL	248	e2939	108	--	e271	13933	427	e6963
ANNUAL MEAN	.68	e8	.30	e2.3[4]	e.74	38	1.2	e19
ANNUAL MGDSM	1.70	--	.82	--	e1.50	--	1.38	--
ANNUAL IN.	34.83	--	17.30	--	e32.45	--	28.99	--
10 PERCENT EXCEEDS	1.3	17	.63	e7.0[4]	e1.5	76	2.3	e53
50 PERCENT EXCEEDS	.36	7.1	.17	e1.0[4]	e.50	28	.91	e11
90 PERCENT EXCEEDS	.06	.71	.07	e.35[4]	e.16	12	.17	e.16
RECORD QUALITY	Good	Good[1]	Good[1]	Good	Fair[1]	Good	Good[1]	Good[2,3]

[1] Daily values that are estimated are rated as poor.

[2] Daily values that are estimated are rated as fair.

[3] Daily values below 1.0 are rated as fair.

[4] Station operated for three months.

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
October			
1	175.38	76.77	16.26
2	175.39	76.80	16.30
3	175.36	76.77	16.31
4	175.38	76.62	16.28
5	175.38	76.50	16.21
6	175.38	76.40	16.17
7	175.41	76.30	16.10
8	175.47	76.32	16.09
9	175.48	77.46	16.23
10	175.48	78.38	16.22
11	175.45	78.59	16.24
12	175.39	78.65	16.28
13	175.30	78.73	16.15
14	175.23	78.31	16.06
15	175.57	79.63	16.25
16	175.72	81.07	16.23
17	175.77	80.41	16.09
18	175.75	79.35	15.92
19	175.81	77.59	15.80
20	175.88	75.45	15.76
21	175.91	74.51	15.68
22	175.96	74.38	15.61
23	176.12	74.85	15.65
24	176.18	75.36	15.57
25	176.46	75.82	15.48
26	176.75	76.96	15.38
27	176.93	77.06	15.39
28	177.08	76.48	15.42
29	177.20	76.09	15.51
30	177.31	75.78	15.61
31	177.39	76.15	15.66
MEAN	**175.91**	**77.08**	**15.93**
MAX	**177.39**	**81.07**	**16.31**
MIN	**175.23**	**74.38**	**15.38**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
November			
1	177.44	76.38	15.75
2	177.47	76.48	15.82
3	177.49	76.44	15.87
4	177.50	76.32	15.95
5	177.51	76.34	15.92
6	177.53	76.33	15.88
7	177.56	76.34	15.85
8	177.57	76.31	15.77
9	177.55	76.28	15.79
10	177.57	76.56	15.89
11	177.56	76.95	15.91
12	177.55	77.32	15.86
13	177.52	77.57	15.81
14	177.50	77.76	15.78
15	177.47	77.88	15.74
16	177.45	78.00	15.72
17	177.47	78.38	15.72
18	177.47	78.73	15.62
19	177.46	78.94	15.59
20	177.44	78.81	15.66
21	177.43	78.28	15.73
22	177.59	77.81	15.85
23	177.74	78.32	15.88
24	177.86	79.04	15.87
25	177.93	79.46	15.89
26	177.97	79.53	15.93
27	178.01	79.45	15.98
28	178.04	79.19	16.01
29	178.06	78.56	15.95
30	178.16	77.96	15.88
MEAN	**177.63**	**77.72**	**15.83**
MAX	**178.16**	**79.53**	**16.01**
MIN	**177.43**	**76.28**	**15.59**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
December			
1	178.31	77.92	15.79
2	178.37	77.54	15.76
3	178.43	76.89	15.72
4	178.48	76.18	15.71
5	178.52	76.12	15.71
6	178.55	76.05	15.69
7	178.59	75.96	15.63
8	178.62	75.74	15.57
9	178.69	75.55	15.66
10	178.76	75.50	15.77
11	178.79	75.39	15.79
12	178.81	75.28	15.84
13	178.84	75.22	15.88
14	178.86	75.18	15.88
15	178.87	75.09	15.87
16	178.96	75.21	15.91
17	179.09	75.97	15.85
18	179.13	76.56	15.79
19	179.17	76.98	15.72
20	179.20	77.12	15.66
21	179.18	76.55	15.70
22	179.16	76.28	15.75
23	179.15	76.01	15.77
24	179.14	75.73	15.79
25	179.15	75.44	15.83
26	179.26	75.61	15.93
27	179.39	76.32	15.95
28	179.46	76.73	15.95
29	179.51	76.76	15.99
30	179.58	76.75	15.95
31	179.62	76.62	15.87
MEAN	**178.96**	**76.14**	**15.80**
MAX	**179.62**	**77.92**	**15.99**
MIN	**178.31**	**75.09**	**15.57**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
	January		
1	179.65	76.33	15.80
2	179.67	75.94	15.71
3	179.73	75.97	15.63
4	179.76	76.11	15.54
5	179.79	76.08	15.45
6	179.79	76.14	15.44
7	179.78	76.62	15.42
8	179.76	76.61	15.42
9	179.75	76.48	15.42
10	179.73	76.35	15.44
11	179.71	76.12	15.46
12	179.75	76.23	15.50
13	179.76	76.48	15.47
14	179.81	76.66	15.52
15	179.93	77.08	15.48
16	179.95	77.22	15.40
17	179.94	76.92	15.33
18	180.00	76.62	15.29
19	180.13	77.13	15.35
20	180.15	77.47	15.34
21	180.14	77.47	15.35
22	180.12	77.16	15.35
23	180.12	76.86	15.42
24	180.11	76.63	15.46
25	180.09	76.41	15.48
26	180.07	76.30	15.49
27	180.03	75.98	15.47
28	179.97	75.54	15.48
29	179.94	75.29	15.48
30	179.96	75.99	15.52
31	179.96	76.45	15.52
MEAN	**179.90**	**76.47**	**15.47**
MAX	**180.15**	**77.47**	**15.80**
MIN	**179.65**	**75.29**	**15.29**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
February			
1	179.95	76.85	15.54
2	179.91	77.08	15.56
3	179.93	77.34	15.59
4	180.00	78.26	15.65
5	180.13	79.41	15.75
6	180.18	79.76	15.69
7	180.18	79.43	15.60
8	180.16	78.77	15.50
9	180.13	78.01	15.43
10	180.09	77.68	15.36
11	180.05	77.80	15.32
12	180.05	77.98	15.39
13	180.03	78.11	15.46
14	179.98	78.15	15.46
15	179.92	78.17	15.46
16	179.88	78.25	15.48
17	179.87	78.44	15.54
18	179.86	78.75	15.55
19	179.82	78.74	15.54
20	179.77	78.55	15.56
21	179.71	78.28	15.57
22	179.65	77.95	15.54
23	179.60	77.61	15.56
24	179.54	e77.27	15.61
25	179.49	e77.12	15.60
26	179.44	e77.12	15.60
27	179.38	e77.33	15.59
28	179.32	e77.78	15.58
MEAN	**179.86**	**e78.07**	**15.54**
MAX	**180.18**	**79.76**	**15.75**
MIN	**179.32**	**76.85**	**15.32**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
March			
1	179.26	e78.39	15.57
2	179.20	78.39	15.59
3	179.13	78.16	15.59
4	179.07	77.82	15.55
5	179.04	77.44	15.53
6	179.00	77.40	15.57
7	178.97	77.35	15.57
8	178.93	77.35	15.55
9	178.93	77.62	15.55
10	178.93	77.84	15.56
11	178.94	78.21	15.57
12	178.94	78.47	15.56
13	178.97	78.67	15.58
14	179.05	79.15	15.55
15	179.09	79.90	15.46
16	179.11	80.41	15.35
17	179.13	e80.44	15.25
18	179.14	80.47	15.16
19	179.16	80.22	15.11
20	179.17	79.89	15.02
21	179.19	79.38	15.01
22	179.20	e79.13	15.08
23	179.21	e78.91	15.13
24	179.22	e78.71	15.18
25	179.23	e78.48	15.19
26	179.25	e78.42	15.20
27	179.25	e78.41	15.21
28	179.26	e78.34	15.18
29	179.28	78.26	15.18
30	179.28	78.19	15.18
31	179.28	78.10	15.15
MEAN	**179.12**	**e78.64**	**15.35**
MAX	**179.28**	**80.47**	**15.59**
MIN	**178.93**	**77.35**	**15.01**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
April			
1	179.30	77.92	15.13
2	179.28	e78.00	15.12
3	179.26	e78.00	15.09
4	179.33	e78.22	15.12
5	179.42	e78.57	15.12
6	179.49	e78.91	15.07
7	179.52	e79.25	15.01
8	179.55	e79.48	14.98
9	179.57	e79.71	14.93
10	179.58	e79.86	14.88
11	179.60	e79.97	14.84
12	179.60	79.96	14.82
13	179.61	79.94	14.78
14	179.59	79.82	14.78
15	179.59	79.55	14.84
16	179.53	79.20	14.91
17	179.50	78.82	14.99
18	179.49	78.46	15.10
19	179.49	78.18	15.13
20	179.46	78.00	15.14
21	179.45	77.74	15.13
22	179.44	e77.45	15.11
23	179.49	77.19	15.17
24	179.64	77.45	15.25
25	179.68	77.76	15.29
26	179.70	77.88	15.31
27	179.73	77.85	15.33
28	179.67	77.75	15.34
29	179.69	77.59	15.35
30	179.68	77.40	15.36
MEAN	**179.53**	**e78.53**	**15.08**
MAX	**179.73**	**e79.97**	**15.36**
MIN	**179.26**	**77.19**	**14.78**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
	May		
1	179.64	77.18	15.37
2	179.71	77.09	15.42
3	179.86	77.50	15.51
4	179.91	78.02	15.52
5	179.66	78.31	15.53
6	179.56	78.40	15.53
7	179.54	78.35	15.49
8	179.50	78.24	15.50
9	179.52	78.15	15.54
10	179.70	78.61	15.71
11	179.79	79.06	15.82
12	179.85	78.68	15.90
13	180.18	78.16	16.02
14	180.88	80.43	16.16
15	181.54	80.53	16.12
16	181.97	80.08	15.95
17	182.22	79.29	15.78
18	182.27	78.26	15.66
19	182.35	78.66	15.66
20	182.46	79.24	15.68
21	182.43	79.31	15.69
22	182.38	78.82	15.71
23	182.31	78.30	15.69
24	182.26	78.89	15.67
25	182.22	79.28	15.66
26	182.19	79.38	15.64
27	182.23	79.31	15.71
28	182.22	79.15	15.74
29	182.16	78.80	15.78
30	182.13	78.59	15.85
31	182.14	79.16	15.85
MEAN	**181.12**	**78.75**	**15.71**
MAX	**182.46**	**80.53**	**16.16**
MIN	**179.50**	**77.09**	**15.37**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
June			
1	182.10	79.08	15.85
2	182.05	78.87	15.85
3	182.00	79.13	15.93
4	182.30	80.48	16.01
5	182.35	80.51	15.89
6	182.30	79.49	15.86
7	182.35	77.37	16.00
8	182.70	78.20	16.05
9	182.82	79.07	15.94
10	182.80	77.88	15.81
11	182.80	76.78	15.65
12	182.75	76.14	15.55
13	182.65	76.40	15.53
14	182.56	77.77	15.55
15	182.75	79.54	15.58
16	182.70	79.51	15.62
17	182.60	78.21	15.69
18	182.50	76.65	15.78
19	182.42	76.20	15.84
20	182.33	76.66	15.83
21	182.26	76.98	15.85
22	182.18	77.09	15.88
23	182.16	77.53	15.98
24	182.25	78.89	16.18
25	182.28	79.45	16.32
26	182.29	78.09	16.44
27	182.26	77.93	16.51
28	182.20	77.83	16.60
29	182.15	78.30	16.64
30	182.09	78.48	16.54
MEAN	**182.38**	**78.15**	**15.96**
MAX	**182.82**	**80.51**	**16.64**
MIN	**181.45**	**76.14**	**15.53**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
July			
1	182.04	78.53	16.48
2	181.98	78.81	16.52
3	181.93	78.24	16.60
4	181.88	78.02	16.60
5	181.85	77.98	16.60
6	181.82	78.30	16.56
7	181.80	78.56	16.50
8	181.76	78.39	16.49
9	181.69	78.14	16.50
10	181.64	77.87	16.45
11	181.60	77.69	16.41
12	181.61	77.74	16.45
13	181.67	78.20	16.61
14	181.65	78.50	16.68
15	181.61	78.62	16.71
16	181.57	78.64	16.76
17	181.54	78.59	16.76
18	181.50	78.47	16.71
19	181.47	78.40	16.65
20	181.44	78.26	16.66
21	181.41	78.13	16.70
22	181.47	78.56	16.76
23	181.48	79.26	16.64
24	181.46	79.77	16.49
25	181.42	79.79	16.47
26	181.38	79.65	16.44
27	181.34	79.44	16.49
28	181.31	79.23	16.46
29	181.42	79.42	16.45
30	181.49	79.39	16.43
31	181.50	79.19	16.44
MEAN	**181.60**	**78.64**	**16.56**
MAX	**182.04**	**79.79**	**16.76**
MIN	**181.31**	**77.69**	**16.41**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
August			
1	181.48	78.94	16.42
2	181.46	78.67	16.38
3	181.42	78.37	16.29
4	181.37	78.10	16.25
5	181.32	77.89	16.32
6	181.24	77.61	16.40
7	181.17	77.35	16.45
8	181.12	77.17	16.42
9	181.05	76.97	16.33
10	180.96	76.78	16.29
11	e180.86	76.73	16.28
12	180.76	76.71	16.27
13	180.68	76.67	16.28
14	180.60	76.63	16.28
15	180.57	76.70	16.31
16	180.52	76.84	16.30
17	180.47	77.08	16.19
18	180.42	77.31	16.00
19	180.35	77.47	15.80
20	180.34	77.80	15.70
21	180.31	78.25	15.53
22	180.26	78.47	15.38
23	180.20	78.43	15.36
24	180.14	78.36	15.29
25	180.20	78.49	15.29
26	180.26	78.76	15.31
27	180.25	78.84	15.31
28	180.31	78.94	15.36
29	180.33	78.90	15.38
30	180.35	78.79	15.38
31	180.37	78.59	15.34
MEAN	**180.68**	**77.83**	**15.93**
MAX	**181.48**	**78.94**	**16.45**
MIN	**180.14**	**76.63**	**15.29**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
	September		
1	180.38	78.33	15.30
2	180.36	78.03	15.29
3	180.38	77.88	15.30
4	180.43	77.98	15.32
5	180.43	77.91	15.29
6	180.44	77.74	15.26
7	180.44	77.52	15.20
8	180.43	77.24	15.16
9	180.42	76.80	15.17
10	180.42	76.26	15.24
11	180.40	75.69	15.29
12	180.38	75.12	15.32
13	180.35	74.57	15.35
14	180.34	74.15	15.38
15	180.35	74.03	15.44
16	180.28	73.98	15.46
17	180.18	74.14	15.52
18	180.07	74.47	15.56
19	179.97	74.91	15.52
20	180.02	75.28	15.50
21	179.97	75.50	15.43
22	179.91	75.55	15.38
23	179.86	75.54	15.40
24	179.82	75.56	15.43
25	179.77	75.55	15.43
26	179.70	75.51	15.40
27	179.64	75.45	15.38
28	179.58	75.40	15.36
29	179.52	75.34	15.36
30	179.46	75.30	15.38
MEAN	**180.12**	**75.89**	**15.36**
MAX	**180.44**	**78.33**	**15.56**
MIN	**179.46**	**73.98**	**15.16**

Table 5. Daily, monthly, and annual statistics for reservoir altitude for U.S. Geological Survey station numbers 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green, 01104480, Stony Brook Reservoir in Waltham, and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in feet relative to the city of Cambridge datum; add 10.34 feet to altitude to obtain altitude above National Geodetic Vertical Datum of 1929. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Annual statistics	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
ANNUAL MEAN	179.73	e77.66	15.71
ANNUAL MAX	182.82	81.07	16.76
ANNUAL MIN	175.23	73.98	14.78
GAGE	[1]182.94	[1] 80.30	[2] 17.00
RECORD QUALITY	Fair	[3] Excellent	Good

[1] Resevoir spillway altitude.

[2] Maximum reservoir elevation without causing localized flooding.

[3] Daily values that are estimated are rated as fair.

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
October			
1	1,508	225	1,512
2	1,508	225	1,514
3	1,505	225	1,514
4	1,507	223	1,513
5	1,508	222	1,510
6	1,507	221	1,508
7	1,512	220	1,504
8	1,520	221	1,504
9	1,522	231	1,511
10	1,521	240	1,510
11	1,517	242	1,511
12	1,509	242	1,513
13	1,496	243	1,506
14	1,488	239	1,502
15	1,533	252	1,512
16	1,554	265	1,511
17	1,561	259	1,503
18	1,558	249	1,495
19	1,566	232	1,489
20	1,577	212	1,486
21	1,581	198	1,483
22	1,587	195	1,479
23	1,610	205	1,481
24	1,620	212	1,477
25	1,660	216	1,473
26	1,703	226	1,467
27	1,731	227	1,468
28	1,753	222	1,469
29	1,772	219	1,474
30	1,790	216	1,479
31	1,802	219	1,482
MEAN	**1,583**	**227**	**1,495**
MAX	**1,802**	**265**	**1,514**
MIN	**1,488**	**195**	**1,467**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
November			
1	1,811	221	1,486
2	1,815	222	1,490
3	1,818	222	1,492
4	1,820	221	1,496
5	1,822	221	1,495
6	1,825	221	1,493
7	1,830	221	1,491
8	1,832	221	1,487
9	1,828	220	1,488
10	1,831	223	1,493
11	1,829	226	1,494
12	1,828	230	1,492
13	1,823	232	1,489
14	1,819	234	1,488
15	1,815	235	1,486
16	1,812	236	1,485
17	1,816	240	1,485
18	1,815	243	1,480
19	1,813	245	1,478
20	1,810	244	1,482
21	1,808	239	1,485
22	1,834	234	1,491
23	1,859	239	1,493
24	1,878	246	1,492
25	1,890	250	1,493
26	1,898	251	1,496
27	1,903	250	1,498
28	1,908	248	1,499
29	1,911	241	1,496
30	1,928	236	1,493
MEAN	**1,841**	**234**	**1,490**
MAX	**1,928**	**251**	**1,499**
MIN	**1,808**	**220**	**1,478**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
December			
1	1,954	235	1,488
2	1,965	232	1,487
3	1,975	226	1,485
4	1,983	219	1,484
5	1,990	219	1,484
6	1,997	218	1,483
7	2,003	217	1,480
8	2,009	215	1,477
9	2,021	214	1,481
10	2,033	213	1,487
11	2,038	212	1,488
12	2,042	211	1,491
13	2,048	211	1,493
14	2,052	211	1,493
15	2,053	210	1,492
16	2,069	211	1,494
17	2,092	218	1,491
18	2,101	223	1,488
19	2,108	227	1,485
20	2,112	228	1,482
21	2,109	223	1,483
22	2,106	220	1,486
23	2,103	218	1,487
24	2,102	215	1,488
25	2,104	213	1,490
26	2,124	214	1,495
27	2,149	221	1,496
28	2,162	224	1,496
29	2,170	225	1,498
30	2,184	225	1,496
31	2,192	223	1,492
MEAN	**2,069**	**219**	**1,488**
MAX	**2,192**	**235**	**1,498**
MIN	**1,954**	**210**	**1,477**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
January			
1	2,198	221	1,489
2	2,201	217	1,484
3	2,213	217	1,480
4	2,219	219	1,475
5	2,224	218	1,471
6	2,224	219	1,470
7	2,222	223	1,469
8	2,219	223	1,470
9	2,217	222	1,469
10	2,213	221	1,470
11	2,209	219	1,472
12	2,216	220	1,473
13	2,219	222	1,472
14	2,228	224	1,475
15	2,251	228	1,473
16	2,256	229	1,469
17	2,254	226	1,465
18	2,264	223	1,463
19	2,288	228	1,466
20	2291	231	1,465
21	2,290	231	1,466
22	2,286	228	1,466
23	2,286	226	1,470
24	2,284	223	1,472
25	2,281	221	1,473
26	2,277	220	1,473
27	2,270	218	1,472
28	2,260	214	1,472
29	2,254	211	1,473
30	2,257	218	1,475
31	2,258	222	1,475
MEAN	**2,246**	**222**	**1,472**
MAX	**2,291**	**231**	**1,489**
MIN	**2,198**	**211**	**1,463**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
February			
1	2,255	225	1,475
2	2,248	228	1,476
3	2,252	230	1,478
4	2,266	239	1,481
5	2,287	250	1,486
6	2,295	253	1,483
7	2,296	250	1,478
8	2,292	244	1,474
9	2,288	236	1,470
10	2,281	233	1,466
11	2,273	234	1,465
12	2,273	236	1,468
13	2,271	237	1,471
14	2,262	238	1,472
15	2,251	238	1,472
16	2,243	238	1,473
17	2,240	240	1,476
18	2,238	243	1,476
19	2,230	243	1,475
20	2,220	241	1,477
21	2,209	239	1,477
22	2,198	236	1,476
23	2,188	232	1,476
24	2,177	e229	1,479
25	2,168	e228	1,478
26	2,158	e228	1,478
27	2,147	e230	1,478
28	2,135	e234	1,478
MEAN	**2,237**	**237**	**1,475**
MAX	**2,296**	**253**	**1,486**
MIN	**2,135**	**225**	**1,465**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
March			
1	2,124	e240	1,477
2	2,112	240	1,478
3	2,100	238	1,478
4	2,089	234	1,476
5	2,083	231	1,475
6	2,076	231	1,477
7	2,070	230	1,477
8	2,064	230	1,476
9	2,064	233	1,476
10	2,063	235	1,476
11	2,065	238	1,477
12	2,066	241	1,477
13	2,071	243	1,478
14	2,084	247	1,476
15	2,092	255	1,471
16	2,096	259	1,466
17	2,100	e259	1,461
18	2,102	260	1,456
19	2,105	257	1,454
20	2,108	254	1,449
21	2,110	249	1,449
22	2,112	e247	1,452
23	2,115	e247	1,455
24	2,116	e245	1,457
25	2,118	e243	1,458
26	2,122	e241	1,458
27	2,122	e240	1,459
28	2,124	e240	1,457
29	2,127	239	1,457
30	2,127	238	1,457
31	2,128	237	1,456
MEAN	**2,099**	**243**	**1,466**
MAX	**2,128**	**260**	**1,478**
MIN	**2,063**	**230**	**1,449**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
April			
1	2,131	235	1,455
2	2,128	e236	1,454
3	2,124	e236	1,453
4	2,137	e238	1,454
5	2,155	e242	1,454
6	2,166	e245	1,452
7	2,173	e248	1,448
8	2,179	e250	1,447
9	2,182	e253	1,444
10	2,184	e254	1,442
11	2,188	e255	1,440
12	2,188	255	1,439
13	2,190	255	1,437
14	2,186	254	1,437
15	2,186	251	1,440
16	2,174	248	1,444
17	2,170	244	1,448
18	2,168	240	1,453
19	2,167	238	1,455
20	2,162	236	1,455
21	2,159	234	1,455
22	2,157	e231	1,454
23	2,167	229	1,457
24	2,195	231	1,461
25	2,204	234	1,463
26	2,207	235	1,464
27	2,212	235	1,465
28	2,202	234	1,466
29	2,205	232	1,466
30	2,203	230	1,466
MEAN	**2,175**	**241**	**1,452**
MAX	**2,212**	**255**	**1,466**
MIN	**2,124**	**229**	**1,437**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
	May		
1	2,195	228	1,467
2	2,209	228	1,469
3	2,238	231	1,474
4	2,248	236	1,474
5	2,199	239	1,475
6	2,180	240	1,475
7	2,177	239	1,473
8	2,169	238	1,473
9	2,172	238	1,476
10	2,207	242	1,484
11	2,225	246	1,490
12	2,236	243	1,494
13	2,296	238	1,500
14	2,421	259	1,507
15	2,542	260	1,505
16	2,623	256	1,496
17	2,652	249	1,488
18	2,657	239	1,482
19	2,665	242	1,482
20	2,676	248	1,483
21	2,673	249	1,483
22	2,668	244	1,484
23	2,661	239	1,483
24	2,656	245	1,482
25	2,653	248	1,481
26	2,650	249	1,481
27	2,653	249	1,484
28	2,653	247	1,485
29	2,646	244	1,488
30	2,644	242	1,491
31	2,644	247	1,491
MEAN	**2,458**	**243**	**1,484**
MAX	**2,676**	**260**	**1,507**
MIN	**2,169**	**228**	**1,467**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
June			
1	2,640	246	1,491
2	2,632	244	1,491
3	2,630	247	1,495
4	2,660	260	1,499
5	2,665	260	1,493
6	2,660	250	1,492
7	2,665	230	1,499
8	2,700	238	1,502
9	2,712	246	1,496
10	2,710	235	1,489
11	2,710	225	1,481
12	2,705	219	1,476
13	2,695	221	1,475
14	e2,682	234	1,476
15	2,705	251	1,478
16	2,700	251	1,479
17	2,690	238	1,483
18	2,680	224	1,488
19	2,672	220	1,491
20	2,663	224	1,490
21	2,656	227	1,491
22	2,648	228	1,493
23	2,646	232	1,498
24	2,655	e245	1,508
25	2,658	250	1,515
26	2,659	237	1,521
27	2,656	235	1,525
28	2,650	234	1,529
29	2,645	239	1,531
30	2,639	241	1,526
MEAN	**2,670**	**238**	**1,497**
MAX	**2,712**	**260**	**1,531**
MIN	**2,630**	**219**	**1,475**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
July			
1	2,634	241	1,523
2	2,626	244	1,525
3	2,616	238	1,529
4	2,607	236	1,529
5	2,601	236	1,529
6	2,596	239	1,527
7	2,591	241	1,524
8	2,583	240	1,523
9	2,571	237	1,524
10	2,561	235	1,522
11	2,553	233	1,519
12	2,556	234	1,522
13	2,566	238	1,530
14	2,562	241	1,533
15	2,556	242	1,535
16	2,548	242	1,537
17	2,542	242	1,537
18	2,535	241	1,535
19	2,530	240	1,532
20	2,522	239	1,532
21	2,518	237	1,534
22	2,529	241	1,537
23	2,531	248	1,531
24	2,526	253	1,524
25	2,520	253	1,523
26	2,512	252	1,521
27	2,505	250	1,524
28	2,499	248	1,522
29	2,520	250	1,522
30	2,533	249	1,521
31	2,534	248	1,521
MEAN	**2,554**	**242**	**1,527**
MAX	**2,634**	**253**	**1,537**
MIN	**2,499**	**233**	**1,519**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
August			
1	2,531	245	1,520
2	2,526	243	1,518
3	2,519	240	1,514
4	2,510	237	1,512
5	2,500	235	1,515
6	2,487	232	1,519
7	2,473	230	1,522
8	2,463	228	1,520
9	2,450	227	1,516
10	2,435	225	1,514
11	e2,417	224	1,513
12	2,399	224	1,513
13	2,384	224	1,513
14	2,370	223	1,513
15	2,364	224	1,514
16	2,356	225	1,514
17	2,347	228	1,508
18	2,338	230	1,499
19	2,326	231	1,489
20	2,324	234	1,484
21	2,320	238	1,475
22	2,310	241	1,467
23	2,300	240	1,466
24	2,290	240	1,463
25	2,300	241	1,463
26	2,309	243	1,464
27	2,308	244	1,464
28	2,319	245	1,466
29	2,323	245	1,467
30	2,326	244	1,467
31	2,329	242	1,466
MEAN	**2,386**	**235**	**1,495**
MAX	**2,531**	**245**	**1,522**
MIN	**2,290**	**223**	**1,463**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
	September		
1	2,331	239	1,464
2	2,327	236	1,463
3	2,331	235	1,464
4	2,339	236	1,464
5	2,340	235	1,463
6	2,341	234	1,461
7	2,341	232	1,458
8	2,340	229	1,456
9	2,339	225	1,457
10	2,338	220	1,460
11	2,335	215	1,463
12	2,330	210	1,464
13	2,327	199	1,466
14	2,323	190	1,468
15	2,325	188	1,470
16	2,314	187	1,472
17	2,297	190	1,475
18	2,277	197	1,477
19	2,259	207	1,475
20	2,269	211	1,474
21	2,259	213	1,470
22	2,248	214	1,467
23	2,238	214	1,468
24	2,230	214	1,470
25	2,220	214	1,470
26	2,208	213	1,469
27	2,195	213	1,467
28	2,184	212	1,466
29	2,173	212	1,467
30	2,161	212	1,467
MEAN	**2,285**	**215**	**1,466**
MAX	**2,341**	**239**	**1,477**

Table 6. Daily, monthly, and annual statistics for reservoir capacity for U.S. Geological Survey station 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in million gallons. e, estimated; --, no data; MAX, maximum; MIN, minimum; MED, median]

Annual statistics	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)[1]	Stony Brook Reservoir at dam near Waltham (01104480)[2]	Fresh Pond in gate house at Cambridge (422302071083801)[3]
MIN	2,161	187	1,456
ANNUAL MEAN	2,217	233	1,484
ANNUAL MAX	2,712	265	1,537
ANNUAL MIN	1,488	187	1,437
RECORD QUALITY	Fair	Excellent[4]	Excellent

[1] Reservoir storage at spillway altitude is 2,723 million gallons.

[2] Reservoir storage at spillway altitude is 258 million gallons.

[3] Maximum reservoir storage without causing localized flooding is 1,549 million gallons.

[4] Daily values that are estimated are rated as fair.

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
	October		
1	0.00	0.00	0.00
2	.00	.00	.03
3	.00	.00	.00
4	.00	.00	.00
5	.00	.01	.00
6	.01	.01	.01
7	.00	.04	.04
8	.00	1.75	1.55
9	.00	1.17	1.18
10	.00	.17	.13
11	.00	.39	.27
12	.42	.13	.12
13	.13	.07	.06
14	2.04	1.67	1.80
15	3.31	3.34	3.08
16	.28	.00	.00
17	.00	.00	.00
18	.01	.01	.01
19	.00	.00	.00
20	.00	.00	.00
21	.00	.00	.00
22	.47	.54	.42
23	.74	.70	.65
24	.19	.23	.16
25	2.24	2.23	1.78
26	.06	.04	.02
27	.00	.00	.00
28	.00	.00	.00
29	.39	.32	.35
30	.00	.00	.00
31	.00	.00	.00
TOTAL	**10.29**	**12.82**	**11.66**
MAX	**3.31**	**3.34**	**3.08**

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
November			
1	0.00	0.00	0.00
2	.00	.00	.00
3	.00	.00	.00
4	.00	.00	.00
5	.00	.00	.00
6	.23	.14	.10
7	.00	.01	.00
8	.00	.00	.49
9	.30	.37	.36
10	.26	.18	.08
11	.00	.00	.00
12	.00	.00	.00
13	.00	.00	.00
14	.00	.00	.00
15	.10	.13	.11
16	.38	.33	.31
17	.20	.15	.14
18	.00	.00	.00
19	.00	.00	.00
20	.00	.00	.00
21	.21	.24	.26
22	1.61	1.45	1.44
23	.00	.00	.00
24	.15	.11	.05
25	.00	.00	.00
26	.00	.00	.00
27	.00	.00	.00
28	.00	.00	.00
29	.00	.00	.00
30	1.16	1.20	.96
TOTAL	**4.60**	**4.31**	**4.30**
MAX	**1.61**	**1.45**	**1.44**

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
	December		
1	0.00	0.00	0.00
2	.00	.00	.00
3	.00	.00	.00
4	.15	.14	.10
5	.00	.00	.00
6	.00	.00	.00
7	.00	.00	.00
8	.00	.00	.00
9	.67	.51	.56
10	.37	.00	.00
11	.02	.00	.00
12	.00	.00	.00
13	.00	.00	.00
14	.00	.00	.00
15	.00	.00	.00
16	.99	.97	.85
17	.00	.00	.00
18	.00	.00	.00
19	.00	.00	.00
20	.00	.00	.00
21	.00	.00	.00
22	.00	.00	.00
23	.00	.00	.00
24	.00	.00	.00
25	.27	.21	.16
26	.77	.72	.76
27	.00	.00	.00
28	.00	.00	.00
29	.33	.34	.43
30	.01	.02	.00
31	.02	.02	.03
TOTAL	**3.60**	**2.93**	**2.89**
MAX	**.99**	**0.97**	**.85**

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
	January		
1	0.06	0.05	0.02
2	.12	.13	.09
3	.33	.41	.28
4	.00	.00	.00
5	.08	.07	.05
6	.00	.00	.00
7	.00	.00	.00
8	.05	.03	.02
9	.00	.00	.00
10	.00	.00	.00
11	.08	.06	.02
12	.18	.17	.18
13	.00	.00	.00
14	.63	.69	1.18
15	.36	.24	.25
16	.00	.00	.00
17	.02	.00	.00
18	.91	1.09	1.00
19	.37	.00	.00
20	.00	.00	.00
21	.00	.00	.00
22	.36	.00	.00
23	.79	.95	.92
24	.12	.00	.00
25	.31	.24	.27
26	.00	.00	.00
27	.00	.00	.00
28	.00	.00	.00
29	.37	.36	.34
30	.00	.00	.00
31	.17	.12	.06
TOTAL	**5.31**	**4.61**	**4.68**
MAX	**.91**	**1.09**	**1.18**

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
February			
1	0.01	0.00	0.00
2	.00	.00	.00
3	.69	.66	.58
4	.51	.51	.67
5	.39	.41	.39
6	.00	.00	.00
7	.00	.00	.00
8	.00	.00	.00
9	.00	.00	.00
10	.00	.00	.00
11	.00	.00	.00
12	.40	.21	.06
13	.20	.00	.00
14	.02	.00	.00
15	.00	.00	.00
16	.00	.00	.00
17	.13	.12	.13
18	.00	.00	.00
19	.00	.00	.00
20	.00	.00	.00
21	.00	.00	.00
22	.00	.00	.00
23	.03	.03	.07
24	.00	.00	.00
25	.05	.04	.03
26	.00	.00	.00
27	.00	.00	.00
28	.00	.00	.00
TOTAL	**2.43**	**1.98**	**1.93**
MAX	**.69**	**.66**	**.67**

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
	March		
1	0.00	0.00	0.00
2	.00	.00	.00
3	.00	.00	.00
4	.00	.00	.00
5	.00	.00	.00
6	.00	.00	.00
7	.00	.00	.00
8	.00	.00	.00
9	.00	.00	.00
10	.00	.00	.00
11	.00	.00	.00
12	.00	.00	.00
13	.36	.27	.25
14	.26	.27	.20
15	.00	.00	.00
16	.00	.00	.00
17	.00	.00	.00
18	.00	.00	.00
19	.00	.00	.00
20	.00	.00	.00
21	.00	.00	.00
22	.00	.00	.00
23	.00	.00	.00
24	.00	.00	.00
25	.00	.00	.00
26	.00	.00	.00
27	.00	.00	.00
28	.00	.00	.00
29	.00	.00	.00
30	.00	.00	.00
31	.00	.00	.00
TOTAL	**.62**	**.54**	**.45**
MAX	**.36**	**.27**	**.25**

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
April			
1	0.22	0.17	0.08
2	.00	.00	.00
3	.08	.08	.00
4	.73	.65	.69
5	.39	.27	.21
6	.00	.00	.00
7	.12	.16	.13
8	.07	.10	.10
9	.00	.00	.00
10	.00	.00	.00
11	.00	.00	.00
12	.00	.00	.00
13	.03	.02	.01
14	.03	.03	.03
15	.01	.00	.00
16	.00	.00	.00
17	.01	.00	.00
18	.01	.00	.00
19	.00	.00	.00
20	.00	.00	.00
21	.00	.00	.00
22	.05	.03	.07
23	.91	.82	.64
24	.15	.12	.16
25	.05	.04	.06
26	.00	.00	.00
27	.00	.00	.00
28	.00	.00	.00
29	.00	.00	.00
30	.00	.00	.00
TOTAL	**2.86**	**2.49**	**2.18**
MAX	**.91**	**.82**	**.69**

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
	May		
	0.00	0.00	0.00
1	1.09	.98	.78
2	.26	.24	.26
3	.00	.00	.00
4	.00	.00	.00
5			
6	.00	.00	.00
7	.00	.00	.00
8	.94	1.15	.89
9	.39	.47	.54
10			
11	.45	.44	.24
12	2.82	2.35	3.14
13	2.22	2.03	2.94
14	.24	.35	.33
15			
16	.00	.00	.00
17	.00	.00	.00
18	.76	.72	.68
19	.01	.01	.00
20			
21	.00	.00	.00
22	.00	.00	.00
23	.00	.00	.02
24	.00	.00	.00
25			
26	.10	.02	.00
27	.00	.00	.00
28	.00	.00	.01
29	.00	.00	.00
30	.00	.00	.00
31	10.15	9.67	10.93
TOTAL	**2.82**	**2.35**	**3.14**
MAX			

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
June			
1	0.07	0.05	0.04
2	.48	.23	.27
3	1.92	1.54	1.35
4	.12	.19	.28
5	.00	.00	.00
6	.00	.00	.00
7	1.93	3.30	3.29
8	.21	.22	.14
9	.11	.02	.04
10	.14	.56	.60
11	.00	.00	.00
12	.00	.00	.00
13	.00	.00	.00
14	1.60	1.10	.12
15	.46	.39	.18
16	.00	.00	.00
17	.01	.00	.14
18	.00	.00	.01
19	.00	.00	.00
20	.02	.05	.03
21	.00	.00	.02
22	.00	.00	.00
23	.94	1.14	1.25
24	.46	.53	.57
25	.36	.47	.39
26	.00	.00	.01
27	.00	.00	.00
28	.09	.11	.07
29	.00	.00	.00
30	.00	.00	.04
TOTAL	**8.92**	**9.90**	**8.84**
MAX	**1.93**	**3.30**	**3.29**

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
July			
1	.00	0.00	0.00
2	.00	.00	.00
3	.00	.00	.00
4	.11	.14	.18
5	.00	.00	.01
6	.18	.20	.16
7	.00	.00	.02
8	.00	.00	.00
9	.00	.00	.01
10	.00	.00	.00
11	.16	.09	.09
12	.71	.95	.94
13	.10	.22	.05
14	.00	.01	.00
15	.00	.00	.02
16	.00	.00	.02
17	.00	.00	.00
18	.00	.00	.00
19	.10	.75	.23
20	.05	.00	.00
21	1.01	.03	1.07
22	.15	.06	.08
23	.14	.04	.26
24	.00	.09	.01
25	.00	.09	.00
26	.00	.05	.00
27	.00	.02	.00
28	1.13	.57	.62
29	.01	.00	.00
30	.00	.00	.00
31	.00	.00	.01
TOTAL	**3.85**	**3.31**	**3.78**
MAX	**1.13**	**.95**	**1.07**

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
	August		
1	0.00	0.00	0.00
2	.00	.00	.02
3	.00	.00	.00
4	.20	.29	.34
5	.00	.00	.01
6	.00	.00	.00
7	.11	.03	.04
8	.00	.00	.00
9	.00	.00	.01
10	.00	.00	.00
11	.00	.00	.00
12	.00	.00	.00
13	.00	.00	.00
14	.00	.00	.01
15	.69	.72	.61
16	.00	.00	.00
17	.00	.00	.00
18	.00	.00	.00
19	.00	.00	.00
20	.98	1.13	.79
21	.00	.00	.00
22	.00	.00	.00
23	.00	.00	.02
24	.00	.00	.00
25	1.02	.92	.83
26	.00	.00	.00
27	.66	.65	.52
28	.06	.04	.04
29	.22	.31	.17
30	.00	.00	.00
31	.00	.00	.00
TOTAL	**3.94**	**4.09**	**3.41**
MAX	**1.02**	**1.13**	**.83**

Table 7. Daily, monthly, and annual statistics for precipitation for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in inches; MAX, maximum]

Day of month	U.S. Geological Survey station name and number		
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)	Stony Brook Reservoir at dam near Waltham (01104480)	Fresh Pond in gate house at Cambridge (422302071083801)
	September		
1	0.00	0.00	0.00
2	.01	.00	.00
3	.92	.90	.52
4	.00	.00	.00
5	.05	.06	.05
6	.01	.01	.02
7	.00	.00	.00
8	.00	.00	.00
9	.01	.00	.00
10	.00	.00	.00
11	.00	.00	.00
12	.00	.00	.00
13	.00	.00	.00
14	.59	.74	.58
15	.00	.00	.00
16	.00	.00	.00
17	.00	.01	.00
18	.00	.00	.00
19	.48	.42	.28
20	.23	.16	.28
21	.00	.00	.00
22	.00	.00	.00
23	.14	.08	.07
24	.00	.00	.00
25	.00	.00	.00
26	.00	.00	.00
27	.00	.00	.00
28	.00	.00	.00
29	.09	.09	.19
30	.00	.00	.00
TOTAL	**2.53**	**2.47**	**1.99**
MAX	**.92**	**.90**	**.58**
ANNUAL TOTAL	**59.10**	**59.12**	**57.04**
ANNUAL MAX	**3.31**	**3.34**	**3.29**
RECORD QUALITY	**Excellent**	**Fair[1]**	**Excellent**

[1] Daily values after 07/28/06 are rated as good.

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
				October					
1	21.0	5.6	12.9	21.9	5.6	13.6	--	--	--
2	24.4	8.8	15.5	26.0	8.9	15.7	24.7	10.8	16.8
3	22.9	8.8	15.2	23.7	9.1	16.0	24.8	10.5	17.3
4	23.8	12.9	17.2	24.6	13.4	17.5	25.7	13.8	18.3
5	24.6	13.5	17.9	26.0	13.4	18.2	26.7	14.5	19.4
6	24.7	16.6	20.6	25.6	17.1	20.6	26.5	18.9	21.7
7	19.4	0.3	8.3	25.3	19.0	21.7	27.2	19.8	22.9
8	20.4	4.7	12.0	22.8	10.3	19.9	23.4	11.0	20.5
9	23.4	7.3	14.7	12.6	9.6	11.2	13.4	9.9	11.9
10	21.6	12.5	16.3	12.9	11.6	12.2	13.6	12.2	12.9
11	17.9	10.6	15.1	14.1	11.4	12.9	14.8	12.0	13.6
12	13.2	10.4	12.1	12.8	10.3	11.6	13.5	10.9	12.4
13	14.9	13.1	13.8	14.3	12.7	13.4	15.1	13.4	14.2
14	15.9	13.8	15.0	15.0	13.3	14.3	15.9	14.0	15.1
15	15.8	9.9	14.6	15.4	11.0	14.3	16.1	11.9	15.1
16	15.5	9.7	12.4	15.1	10.4	12.6	15.8	11.1	13.4
17	16.9	7.2	12.3	15.9	8.4	12.3	16.9	9.4	13.2
18	17.9	5.0	11.4	17.3	5.6	11.5	18.3	7.2	12.4
19	19.6	7.5	13.2	19.4	9.6	13.9	20.3	10.2	14.5
20	14.2	4.6	9.5	14.6	5.2	9.8	15.6	8.2	10.9
21	14.2	2.5	7.6	14.1	3.5	8.0	14.8	4.8	9.4
22	10.1	1.2	6.5	9.7	2.4	6.2	10.0	3.7	7.1
23	9.0	5.7	7.9	8.5	5.9	7.6	9.5	6.9	8.3
24	9.6	4.9	7.6	8.9	4.9	7.2	9.8	5.3	7.9
25	10.2	4.2	8.0	9.6	4.0	7.5	10.3	4.9	8.2
26	9.2	3.3	5.8	8.7	3.0	5.6	9.2	3.7	6.4
27	10.4	1.7	5.7	8.8	2.9	5.8	9.7	3.4	6.7
28	7.4	2.8	5.2	6.9	3.1	5.0	7.6	4.4	5.9
29	5.4	0.8	2.5	4.8	0.6	2.5	5.3	0.7	3.1
30	19.4	.4	9.1	18.9	3.0	10.4	19.4	3.6	11.3
31	21.8	4.4	11.4	21.1	5.7	13.0	21.8	6.6	14.3
MONTH	**24.7**	**.3**	**11.5**	**26.0**	**0.6**	**12.0**	**e27.2**	**e0.7**	**e12.8**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
November									
1	22.4	4.1	12.9	21.7	4.7	13.2	22.5	7.0	14.5
2	14.0	1.7	9.2	13.0	4.3	10.0	13.4	5.2	10.6
3	18.5	0.6	10.5	18.1	1.2	11.1	18.4	3.4	12.2
4	15.9	5.4	11.1	16.6	6.4	11.7	16.6	8.0	12.1
5	20.9	7.8	12.1	20.7	8.6	11.9	19.4	9.4	12.1
6	14.6	7.2	10.9	14.4	7.5	10.6	15.5	8.9	11.6
7	15.2	3.8	11.0	14.5	7.6	12.2	15.1	8.4	12.5
8	14.9	3.7	9.3	14.6	5.7	10.3	14.8	7.0	11.2
9	14.6	1.0	6.7	14.4	2.3	6.8	15.5	2.7	7.9
10	15.4	.0	9.0	15.4	1.3	9.1	16.1	2.3	9.4
11	5.8	-3.0	1.2	5.4	-2.1	1.8	6.1	0.0	2.8
12	11.2	-4.7	1.8	11.4	-4.3	2.7	11.3	-1.7	4.6
13	17.9	-.1	9.2	17.5	0.3	9.3	18.1	2.6	11.1
14	17.9	2.4	12.5	17.1	3.1	12.6	17.6	5.0	13.2
15	9.8	1.7	7.1	9.7	2.8	6.9	10.3	4.6	8.7
16	20.3	6.4	12.9	19.5	6.6	12.6	20.1	7.0	13.3
17	9.3	-.6	5.4	9.1	.1	5.6	9.6	.6	6.1
18	3.9	-3.3	.0	3.8	-2.0	0.7	4.5	-1.0	1.7
19	6.5	-5.8	-0.2	6.8	-5.1	.9	6.8	-2.9	2.2
20	13.6	-2.5	4.0	13.6	-1.7	5.8	13.9	1.5	7.6
21	15.0	-.6	7.2	14.7	.4	8.3	15.2	4.4	10.1
22	9.6	2.0	6.5	9.3	2.3	6.3	9.9	3.0	7.0
23	2.0	-6.0	-1.3	2.3	-4.9	-1.0	3.3	-3.2	-0.3
24	4.9	-5.8	.0	5.4	-4.9	0.5	6.5	-3.6	2.1
25	0.3	-7.2	-4.2	0.2	-6.4	-3.5	0.6	-5.9	-2.6
26	2.1	-8.1	-2.5	2.6	-7.3	-2.1	3.4	-5.1	-0.7
27	5.8	-2.0	2.1	6.1	-1.7	2.3	6.6	-.3	3.3
28	9.6	1.8	4.6	8.4	1.7	4.3	11.3	2.8	6.3
29	18.4	5.9	12.8	17.6	5.3	12.3	18.6	7.6	13.8
30	16.0	7.3	13.9	16.0	7.0	13.8	17.0	8.2	14.6
MONTH	**22.4**	**-8.1**	**6.5**	**21.7**	**-7.3**	**6.9**	**22.5**	**-5.9**	**8.0**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
				December					
1	7.5	2.8	5.8	7.7	2.8	5.7	8.2	4.1	6.4
2	6.6	0.7	4.2	5.9	0.8	4.2	6.4	1.6	4.8
3	2.3	-2.4	-0.3	1.7	-1.6	-0.1	2.4	-1.2	0.5
4	-1.7	-6.1	-2.7	-1.4	-4.1	-2.3	-0.9	-3.0	-1.8
5	0.8	-6.4	-2.5	0.9	-5.4	-1.9	1.2	-3.7	-1.2
6	2.0	-4.6	-1.1	1.7	-2.8	-.7	2.3	-1.8	.0
7	-.7	-7.6	-4.1	-1.1	-7.1	-3.6	-.4	-6.5	-3.0
8	.6	-8.7	-5.6	.6	-7.9	-4.6	0.9	-7.0	-3.5
9	.5	-6.3	-3.1	.2	-5.3	-2.5	2.1	-3.9	-1.4
10	2.4	-6.6	-1.9	3.1	-3.7	-.3	2.7	-3.1	.1
11	5.1	-8.0	-2.1	5.0	-5.1	-.2	5.8	-2.3	1.4
12	4.5	-5.6	-.7	4.2	-4.2	-.1	4.7	-3.3	0.7
13	-4.4	-11.6	-8.4	-4.2	-11.1	-8.1	-3.3	-10.0	-7.4
14	-3.8	-16.7	-10.1	-3.5	-14.3	-9.4	-3.3	-12.1	-8.0
15	.4	-17.8	-8.6	.1	-15.2	-6.9	0.8	-11.8	-5.1
16	6.6	-4.5	1.9	7.2	-3.9	2.2	8.4	-2.5	3.3
17	3.7	-6.0	-1.3	3.4	-4.2	-.4	3.8	-1.4	1.0
18	2.3	-7.1	-3.2	1.6	-5.4	-2.6	2.3	-2.7	-.7
19	.6	-7.1	-3.4	.5	-5.7	-3.0	.2	-4.2	-2.0
20	1.3	-8.2	-3.8	1.1	-6.5	-3.3	1.6	-5.9	-2.7
21	-1.5	-11.7	-6.3	-1.9	-10.1	-5.4	-.9	-7.0	-3.9
22	.4	-9.0	-3.4	.1	-6.4	-2.7	1.0	-5.4	-2.0
23	8.1	-.7	2.5	7.6	-.7	3.0	8.5	0.1	4.0
24	10.0	-2.2	2.4	9.9	-1.4	3.3	10.6	-0.5	4.9
25	8.9	-3.6	2.4	8.9	-3.5	2.5	10.0	-1.8	4.0
26	7.1	.2	4.2	6.4	.3	4.0	7.9	0.9	4.9
27	4.4	-4.2	.0	4.2	-3.8	0.2	4.5	-1.4	.9
28	5.5	-6.2	-.4	5.7	-5.8	-.1	6.1	-3.2	1.9
29	8.4	2.0	4.6	8.3	.4	4.3	11.6	2.3	7.3
30	6.0	-2.7	3.2	5.7	-2.5	3.0	6.6	-1.8	3.8
31	-.2	-5.7	-2.9	-.2	-5.5	-2.9	.5	-5.0	-2.4
MONTH	**10.0**	**-17.8**	**-1.4**	**9.9**	**-15.2**	**-.9**	**11.6**	**-12.1**	**.2**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
				January					
1	-2.7	-5.9	-4.1	-2.8	-5.6	-4.1	-1.4	-5.2	-3.4
2	3.7	-6.1	-0.6	4.6	-5.7	-0.4	4.4	-2.6	0.9
3	2.9	-2.9	.4	3.0	-2.8	.4	3.9	-2.1	1.3
4	-0.1	-4.2	-2.2	0.3	-4.2	-2.1	0.4	-3.7	-1.7
5	2.8	-2.0	-.3	3.1	-2.2	.0	3.5	-1.8	.9
6	2.2	-1.9	.6	2.0	-1.6	.5	2.8	-1.0	1.8
7	-.1	-6.7	-3.6	-.3	-5.9	-3.1	.2	-5.1	-2.3
8	1.2	-7.2	-3.1	1.0	-5.9	-3.0	1.4	-3.9	-1.5
9	6.7	-3.1	1.5	7.1	-3.8	1.5	7.8	-1.8	3.3
10	6.7	-3.5	.7	6.2	-2.4	1.8	6.7	-1.0	3.2
11	11.7	-2.6	5.7	11.5	-0.6	6.0	13.2	0.2	7.2
12	12.3	-.6	7.0	11.6	0.3	7.4	13.0	3.6	8.6
13	13.3	-2.0	5.8	12.7	-1.8	5.9	13.9	.0	7.7
14	15.6	4.1	12.5	15.4	3.5	12.4	16.7	4.4	13.5
15	4.1	-12.1	-6.1	3.5	-11.8	-6.1	4.4	-11.2	-5.4
16	-0.5	-12.9	-7.0	-.5	-12.8	-7.0	-.2	-12.0	-6.3
17	3.6	-8.7	-1.7	3.7	-7.0	-1.4	4.1	-5.8	-0.6
18	17.0	2.6	7.6	16.6	2.4	7.6	17.4	3.5	8.6
19	6.7	-.1	3.1	6.0	.7	3.1	6.4	1.3	3.8
20	14.6	-.6	7.7	14.0	1.7	8.5	14.4	2.3	9.2
21	16.2	2.0	7.8	15.6	2.1	8.4	16.3	3.0	9.6
22	2.8	-3.0	-.6	2.5	-2.5	-.6	3.0	-2.2	.2
23	1.1	-1.7	.4	0.8	-1.7	.0	1.3	.0	.7
24	4.3	-3.8	-.2	4.5	-3.1	.0	5.0	-1.6	1.2
25	5.7	-.5	1.8	5.3	-1.1	1.5	5.1	0.2	2.2
26	2.3	-5.1	.0	1.9	-4.8	-.1	2.5	-4.6	.3
27	3.0	-8.3	-2.1	2.8	-7.1	-1.9	2.8	-6.1	-1.4
28	12.3	-1.1	3.9	11.9	-.6	4.6	12.0	1.4	6.2
29	8.2	-2.5	2.8	8.7	-2.2	2.9	10.1	-.8	4.4
30	3.3	.0	1.2	3.1	-0.3	1.0	4.1	.3	1.7
31	2.4	-1.8	-.1	3.5	-1.9	0.0	4.6	-1.6	1.0
MONTH	**17.0**	**-12.9**	**1.3**	**16.6**	**-12.8**	**1.4**	**17.4**	**-12.0**	**2.4**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
February									
1	4.7	-2.2	1.3	4.0	-1.9	1.3	4.5	-0.8	1.9
2	7.6	-2.8	2.1	7.9	-2.5	2.4	8.2	-.9	3.9
3	13.3	2.7	7.6	13.0	2.9	7.9	14.1	4.8	9.2
4	10.4	1.0	5.2	10.1	1.0	5.5	10.5	2.7	6.8
5	11.5	4.8	7.7	10.6	4.7	7.5	11.6	5.3	8.4
6	4.8	0.5	2.2	4.7	0.3	2.1	5.3	.9	2.5
7	2.5	-3.6	0.0	1.8	-3.2	0.1	2.0	-2.5	0.4
8	2.0	-6.9	-2.5	1.8	-6.2	-2.5	1.8	-5.6	-2.2
9	0.9	-7.4	-3.7	0.7	-7.1	-3.5	1.0	-6.9	-3.1
10	-1.6	-10.5	-5.4	-2.0	-9.6	-5.1	-2.0	-8.7	-4.8
11	-.8	-8.2	-4.3	-.8	-8.0	-4.3	-1.2	-7.5	-4.1
12	-3.1	-9.1	-6.5	-3.3	-8.6	-6.3	-2.7	-8.6	-5.8
13	.9	-13.4	-6.0	0.6	-9.9	-4.4	1.1	-9.1	-3.8
14	5.2	-3.9	.0	5.2	-3.3	.6	5.4	-2.9	1.2
15	14.0	-4.5	4.6	14.1	-2.0	5.9	14.2	-.2	7.0
16	16.4	-2.0	6.4	16.3	-.9	7.0	16.6	-.3	8.3
17	14.1	-2.7	6.4	13.8	-2.5	6.4	14.7	-2.0	7.1
18	-.6	-12.3	-5.2	-1.2	-11.8	-5.1	-1.0	-11.5	-4.7
19	-2.3	-13.2	-8.2	-3.1	-13.0	-7.9	-2.9	-12.3	-7.4
20	.8	-11.0	-5.1	.6	-9.9	-4.4	0.8	-7.9	-3.4
21	4.0	-9.3	-3.1	3.3	-8.7	-2.4	3.4	-6.4	-1.0
22	5.7	-6.5	-1.6	5.9	-5.8	-.5	5.6	-3.6	.7
23	6.7	-4.8	-.1	6.2	-4.1	.2	6.5	-3.0	1.2
24	2.3	-5.2	-.5	1.7	-4.6	-.4	2.1	-4.0	.0
25	-3.4	-10.2	-5.8	-3.5	-8.6	-5.4	-2.9	-7.0	-4.7
26	-4.8	-11.3	-8.2	-5.8	-10.9	-8.2	-5.2	-10.5	-7.5
27	-5.7	-14.2	-9.7	-5.9	-13.8	-9.6	-5.4	-13.3	-9.0
28	-2.8	-13.2	-7.1	-3.1	-12.0	-6.7	-2.5	-9.5	-5.7
MONTH	**16.4**	**-14.2**	**-1.4**	**16.3**	**-13.8**	**-1.1**	**16.6**	**-13.3**	**-.3**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
				March					
1	0.5	-10.2	-4.4	0.2	-8.9	-4.2	0.5	-7.9	-3.7
2	1.3	-7.8	-2.1	.9	-6.9	-1.8	1.5	-4.6	-0.9
3	-.9	-7.3	-4.9	-.7	-7.2	-4.9	-0.2	-6.4	-4.4
4	3.6	-7.2	-1.7	2.4	-7.3	-1.8	2.6	-6.3	-1.4
5	6.9	-6.2	0.6	6.4	-3.4	1.0	6.5	-2.7	1.5
6	4.0	-5.7	-.9	4.6	-5.4	-0.8	4.8	-3.2	-.2
7	5.4	-6.0	-.6	5.8	-5.3	-.6	5.4	-3.9	.4
8	8.0	-5.0	1.1	7.6	-4.8	.9	6.3	-3.0	1.6
9	6.1	-0.4	3.5	6.0	0.2	3.6	6.4	1.1	4.2
10	20.9	3.6	12.3	20.5	4.3	12.6	20.8	3.4	12.8
11	14.0	-.1	8.1	13.2	2.1	8.4	13.6	5.8	9.4
12	14.4	-2.4	5.7	14.1	-1.3	6.2	14.7	0.9	7.9
13	11.7	1.5	7.5	12.4	3.0	8.1	12.8	4.4	8.8
14	13.8	1.2	8.2	13.0	2.0	8.3	13.4	2.5	8.3
15	4.9	-.7	1.9	4.5	-.6	2.0	4.5	.0	2.3
16	5.7	-2.7	1.3	4.8	-1.7	1.5	4.8	-.8	1.8
17	4.1	-4.9	-.8	3.5	-4.2	-.7	3.5	-4.2	-.4
18	2.6	-7.3	-2.2	2.3	-6.5	-2.1	2.4	-5.9	-1.7
19	1.6	-5.0	-1.8	.5	-4.7	-1.7	0.9	-4.5	-1.5
20	.5	-6.6	-2.9	.1	-5.8	-2.8	0.8	-5.2	-2.4
21	7.8	-5.8	1.1	7.4	-5.2	1.1	7.8	-4.9	1.4
22	4.9	-1.5	2.0	4.5	-1.1	2.0	5.0	-.7	2.4
23	12.0	-1.0	6.0	11.9	-.1	6.0	12.4	0.4	6.5
24	8.6	-0.7	5.1	8.3	-.1	5.1	8.3	2.5	5.8
25	6.3	.3	3.7	5.9	.0	3.5	6.2	2.5	4.1
26	9.3	2.6	5.9	9.1	2.3	5.8	9.8	3.6	6.5
27	13.4	-2.6	6.5	12.8	1.1	6.8	13.5	2.6	7.8
28	13.6	-3.2	6.0	13.9	-1.1	6.4	13.4	.1	7.2
29	17.8	-3.2	7.5	17.5	-1.4	8.8	16.6	.6	9.7
30	19.1	-.5	9.4	18.8	2.5	10.5	17.2	4.5	11.6
31	23.0	-.1	12.8	22.2	2.9	13.3	22.6	6.6	14.7
MONTH	**23.0**	**-10.2**	**3.0**	**22.2**	**-8.9**	**3.2**	**22.6**	**-7.9**	**3.9**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
April									
1	22.1	8.9	13.2	21.6	10.1	13.4	21.8	10.3	13.8
2	16.6	4.4	11.4	15.7	6.3	11.3	16.5	7.9	11.7
3	12.6	-1.2	6.3	12.1	1.5	7.0	11.7	3.3	8.0
4	10.0	1.0	5.9	10.0	1.9	6.1	10.7	2.5	6.7
5	2.5	-2.6	0.6	2.5	-1.5	1.1	3.6	0.1	2.0
6	11.0	-1.4	4.7	10.5	-0.4	5.2	10.3	.4	5.6
7	15.7	-1.2	7.5	14.8	.3	8.4	15.7	2.4	9.1
8	11.2	3.4	6.7	10.3	3.6	6.8	11.6	4.7	7.5
9	9.6	-0.6	4.3	9.2	.5	4.5	8.4	2.1	4.7
10	16.7	-2.6	7.3	16.3	-.2	7.7	16.7	1.7	8.9
11	18.3	-1.0	8.7	17.4	1.4	9.6	17.4	3.8	10.2
12	21.5	1.2	11.8	20.5	3.6	12.3	21.1	4.4	12.8
13	22.7	8.9	15.1	21.6	11.6	15.6	22.4	12.8	16.1
14	22.2	4.2	13.7	21.1	6.6	14.1	22.1	7.8	15.2
15	24.8	12.1	16.8	23.5	11.9	16.5	24.2	12.9	17.0
16	14.6	7.6	11.7	14.6	8.2	11.3	16.3	9.7	12.2
17	14.7	1.8	8.8	14.3	3.5	9.0	14.9	6.1	9.6
18	18.7	7.2	11.2	18.1	7.3	10.9	18.5	8.0	11.1
19	21.6	6.2	15.4	21.2	7.9	15.1	21.9	10.2	15.5
20	20.6	8.9	15.9	19.6	9.9	15.6	19.1	11.5	16.1
21	11.7	.9	8.1	11.4	3.0	8.5	11.5	6.1	8.9
22	10.3	0.0	5.6	10.3	.0	e5.6	10.0	4.0	6.7
23	9.3	5.2	6.8	9.2	5.2	6.9	9.3	5.8	7.3
24	8.8	5.4	7.2	8.9	5.7	7.3	9.4	6.1	7.7
25	20.8	3.6	11.6	20.0	6.2	12.0	20.4	7.6	12.5
26	16.0	-.2	9.0	15.6	1.9	9.0	15.7	3.7	9.3
27	16.6	1.8	9.9	15.6	4.0	10.0	16.5	5.3	10.0
28	12.6	1.8	8.4	11.4	3.3	8.3	11.0	6.2	8.6
29	14.6	.4	7.9	14.0	1.7	8.2	14.4	3.5	8.7
30	17.6	-.9	9.2	17.4	1.4	10.1	17.2	3.1	10.6
MONTH	**24.8**	**-2.6**	**9.4**	**23.5**	**-1.5**	**9.6**	**24.2**	**0.1**	**10.1**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
				May					
1	13.5	2.8	9.8	13.7	6.0	9.8	13.7	6.2	10.3
2	8.6	7.0	7.8	8.2	6.7	7.4	8.8	6.9	7.9
3	11.9	7.7	9.4	11.7	7.2	9.0	11.9	7.7	9.2
4	23.5	11.3	16.5	22.5	11.5	16.4	22.6	11.9	16.9
5	27.2	11.2	19.3	25.8	12.3	19.2	26.8	13.4	20.2
6	21.5	9.8	16.6	21.1	11.9	16.8	22.0	14.2	18.1
7	19.0	6.1	12.3	18.8	5.9	12.2	19.4	8.4	12.9
8	17.8	4.0	11.5	16.9	5.4	11.7	17.4	6.8	12.2
9	12.9	8.5	10.0	12.7	7.9	9.7	12.9	8.4	10.0
10	11.9	8.5	10.3	11.3	8.0	9.8	11.6	8.4	10.0
11	13.4	8.8	10.5	12.3	8.6	10.1	13.2	9.1	10.6
12	11.5	8.7	10.1	11.4	8.5	9.8	11.9	9.0	10.3
13	10.9	7.6	9.4	10.5	7.5	9.0	10.7	7.8	9.4
14	9.7	7.9	8.6	9.2	7.6	8.3	9.7	8.0	8.7
15	10.9	8.7	9.6	10.6	8.3	9.3	11.1	8.6	9.7
16	13.3	9.1	11.0	13.7	8.8	10.7	13.6	9.2	11.2
17	21.3	8.1	14.8	20.5	9.0	15.0	21.7	9.6	15.7
18	24.9	10.8	17.5	23.8	11.1	17.3	25.0	12.1	18.4
19	17.2	10.8	14.3	16.9	10.6	13.9	18.5	11.6	14.8
20	19.8	8.9	14.0	18.5	8.9	13.6	19.6	10.1	14.4
21	19.8	6.1	12.5	18.9	6.5	12.3	19.3	7.4	13.0
22	18.3	6.0	12.2	16.9	6.5	11.8	17.2	7.1	12.2
23	16.6	6.1	11.3	16.0	6.7	11.2	16.7	7.2	11.8
24	20.4	9.0	13.8	18.9	9.2	13.6	19.1	10.3	14.2
25	26.0	6.5	16.7	25.5	6.5	16.8	26.2	7.8	17.8
26	25.8	13.8	19.0	25.3	14.3	18.8	26.4	15.7	19.8
27	26.4	16.7	20.4	25.3	16.1	20.2	25.3	17.5	20.8
28	26.1	14.0	20.8	26.2	14.4	20.6	25.7	16.4	21.5
29	28.5	14.8	21.8	28.8	15.0	22.1	29.5	17.3	23.2
30	23.1	13.9	19.3	22.9	13.7	18.9	22.8	13.9	19.1
31	27.7	13.0	19.3	27.6	12.7	19.2	28.8	12.9	19.9
MONTH	**28.5**	**2.8**	**13.9**	**28.8**	**5.4**	**13.7**	**29.5**	**6.2**	**14.3**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
				June					
1	30.1	17.6	22.7	29.8	17.5	22.8	30.8	18.2	23.7
2	e20.5	e14.6	e18.3	20.9	14.5	18.2	21.7	15.2	18.9
3	e14.6	e11.5	e13.2	14.8	11.4	13.2	15.3	11.9	13.6
4	e15.6	e11.3	e13.3	15.8	11.2	13.4	16.4	11.4	13.9
5	e18.9	e13.4	e16.3	19.2	13.3	16.3	19.9	13.8	17.0
6	e21.1	e11.8	e16.8	21.3	11.8	16.9	21.3	13.7	17.5
7	e15.4	e11.7	e13.0	15.4	11.6	13.0	15.5	12.0	13.4
8	e15.0	e11.0	e12.9	15.1	10.9	13.0	15.6	11.2	13.5
9	e18.7	e13.1	e15.9	19.0	13.0	16.0	19.3	14.1	16.6
10	e16.0	e11.0	e14.2	16.0	10.9	14.1	16.7	12.2	14.8
11	e20.2	e10.9	e15.5	20.4	10.8	15.6	21.2	11.5	16.4
12	e24.8	e13.6	e19.2	25.2	13.6	19.3	26.3	14.4	20.3
13	e26.9	e15.8	e20.4	27.8	15.8	21.2	27.9	16.5	22.3
14	26.9	15.6	19.5	25.4	15.3	18.9	26.1	16.8	20.3
15	24.2	15.2	19.1	24.5	15.4	19.0	25.2	16.0	19.7
16	28.1	12.2	20.5	28.3	13.0	21.4	28.8	14.9	22.6
17	27.4	15.5	21.1	26.9	15.2	21.5	27.7	17.9	22.9
18	31.7	17.5	23.9	32.4	17.6	24.7	33.8	17.9	25.5
19	31.2	20.2	25.1	31.7	20.3	26.1	33.5	21.8	27.3
20	28.9	20.0	23.5	29.0	19.6	23.5	30.8	21.2	24.6
21	25.7	16.5	21.3	26.9	16.6	21.3	26.8	18.2	22.0
22	28.0	14.8	21.9	28.3	15.8	22.9	29.3	18.2	24.4
23	29.0	19.5	22.4	28.6	19.4	22.2	29.9	20.3	23.0
24	21.1	19.1	20.2	20.9	e18.7	e19.9	21.8	19.0	20.3
25	20.2	18.2	19.5	19.4	17.9	18.9	20.0	18.1	19.3
26	26.2	18.2	22.4	26.8	17.9	22.7	28.7	18.1	23.6
27	28.6	21.4	24.2	28.0	21.7	24.4	29.6	22.8	25.5
28	24.3	21.2	22.3	24.2	21.1	22.3	25.9	22.0	23.3
29	25.7	21.1	22.8	25.3	21.0	22.7	26.1	21.9	23.6
30	25.9	17.1	22.1	26.2	19.7	22.4	26.6	20.1	23.3
MONTH	**e31.7**	**e10.9**	**e19.4**	**32.4**	**e10.8**	**e19.6**	**33.8**	**11.2**	**20.4**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
				July					
1	27.8	15.3	22.2	28.0	15.5	22.7	28.9	17.7	23.8
2	29.0	20.7	24.7	29.2	20.9	25.3	30.0	21.7	26.2
3	29.1	21.0	25.3	30.6	22.1	25.6	30.4	23.6	26.1
4	28.6	20.0	23.2	28.9	20.4	23.6	29.8	21.6	24.5
5	25.1	18.0	21.9	25.0	20.0	22.8	25.8	21.6	23.9
6	24.6	16.7	19.9	24.2	17.5	20.4	25.0	18.3	21.5
7	26.6	14.1	20.8	27.6	14.8	21.0	27.7	16.6	22.4
8	27.4	15.9	21.7	27.5	17.3	22.2	28.0	18.9	23.4
9	28.9	16.2	22.8	29.4	16.5	23.2	30.7	18.3	24.3
10	28.2	17.8	22.9	28.2	18.3	23.3	29.7	19.6	24.3
11	27.9	18.7	22.5	28.2	19.4	23.0	28.2	20.7	24.0
12	27.0	19.8	22.1	26.5	20.1	22.1	27.0	20.5	22.9
13	22.9	18.0	20.8	23.8	18.3	20.8	23.7	19.3	21.6
14	30.5	17.6	23.9	31.4	17.9	24.9	32.4	18.8	25.9
15	28.7	19.9	23.6	29.4	19.8	24.3	30.7	21.6	25.5
16	31.2	20.4	25.6	31.3	20.4	25.6	31.3	21.6	26.4
17	33.1	21.2	27.1	33.9	21.0	27.8	35.4	22.6	29.1
18	33.1	21.6	27.5	33.4	22.3	28.1	34.5	23.9	29.2
19	26.9	17.4	23.4	26.8	18.1	23.1	27.1	20.6	23.7
20	24.2	16.7	20.7	23.8	16.9	20.3	23.3	18.9	21.1
21	29.2	20.7	23.4	29.9	20.5	23.3	31.2	21.0	24.0
22	24.6	20.2	22.7	24.8	20.5	22.8	25.4	21.3	23.7
23	24.3	18.7	22.2	23.8	18.8	22.1	25.0	20.4	23.0
24	27.4	15.4	21.5	28.4	16.1	22.1	29.0	17.6	23.3
25	29.0	17.5	23.4	29.2	17.8	23.8	30.4	20.0	25.1
26	30.0	19.3	24.4	29.8	19.5	24.5	31.2	20.7	25.6
27	30.4	20.2	25.5	30.7	20.4	25.6	32.4	21.9	26.7
28	30.9	21.3	25.8	31.2	21.7	25.9	32.8	22.2	26.9
29	30.1	19.5	24.8	30.8	20.2	25.4	31.6	20.8	26.2
30	28.6	18.6	24.0	27.2	19.2	24.2	27.6	20.4	24.4
31	28.3	16.8	23.0	29.9	18.1	23.8	30.1	18.9	24.7
MONTH	**33.1**	**14.1**	**23.3**	**33.9**	**14.8**	**23.7**	**35.4**	**16.6**	**24.6**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
August									
1	32.4	21.5	26.8	33.1	23.6	28.2	34.1	24.5	29.1
2	34.3	23.8	28.7	34.7	26.1	29.8	35.8	27.1	30.9
3	32.6	20.4	26.5	32.3	20.7	26.7	32.6	21.3	27.1
4	25.8	19.4	21.4	26.6	19.2	21.6	25.9	19.7	22.2
5	28.7	16.8	23.4	28.0	19.2	23.6	28.5	20.6	24.4
6	25.9	14.0	20.7	26.3	15.0	21.1	26.0	17.4	22.0
7	28.0	17.5	23.3	28.6	18.6	23.9	29.8	20.1	24.9
8	26.5	18.9	23.5	25.8	19.0	23.4	26.6	20.5	24.5
9	26.1	14.2	20.5	27.2	15.3	21.1	28.2	17.2	22.5
10	27.8	15.2	21.3	28.3	17.6	22.4	28.6	18.2	23.0
11	23.5	15.1	19.4	22.9	15.6	19.3	23.6	16.2	20.2
12	22.7	11.1	17.7	22.7	11.8	17.7	23.2	13.9	18.9
13	23.5	10.9	17.2	23.6	11.3	17.8	23.8	13.7	19.1
14	27.2	11.2	20.3	27.8	12.0	21.0	28.6	14.1	22.1
15	24.3	18.0	21.1	26.3	20.1	22.2	27.0	20.5	23.0
16	27.5	15.4	21.1	27.2	17.1	22.1	27.9	17.9	23.1
17	26.8	15.2	20.9	26.3	16.1	21.6	26.6	18.2	22.4
18	26.5	16.8	21.1	27.5	17.1	21.9	28.3	18.5	23.2
19	27.1	15.4	21.3	27.6	15.9	22.0	29.0	17.9	23.0
20	26.8	18.5	21.7	25.9	18.6	21.8	26.8	19.1	22.3
21	22.7	16.2	19.9	22.8	17.4	19.8	23.4	18.2	20.7
22	26.8	14.5	20.2	27.4	15.1	21.3	27.6	16.4	22.4
23	25.8	15.1	20.3	25.5	16.2	21.0	25.1	18.0	21.6
24	22.9	15.2	19.2	23.2	16.4	19.2	23.1	17.6	20.1
25	18.4	14.5	16.3	17.6	15.2	16.1	19.2	15.5	16.8
26	21.3	13.8	17.5	21.6	14.0	17.4	22.0	14.8	18.1
27	17.9	12.1	14.1	18.5	12.1	14.4	19.9	13.6	15.7
28	21.3	13.9	17.0	21.5	14.0	16.8	21.6	14.6	17.5
29	17.0	15.5	15.9	16.8	15.1	15.7	17.4	15.8	16.3
30	25.1	15.7	19.4	24.8	15.7	19.1	25.7	16.4	20.2
31	22.1	10.2	16.6	21.8	11.5	16.6	22.8	12.9	17.9
MONTH	**34.3**	**10.2**	**20.5**	**34.7**	**11.3**	**20.9**	**35.8**	**12.9**	**21.8**

Table 8. Daily, monthly, and annual statistics for air temperature for U.S. Geological Survey stations 01104430, Hobbs Brook below Cambridge Reservoir near Kendal Green; 01104480, Stony Brook Reservoir in Waltham; and 422302071083801, Fresh Pond Reservoir at Cambridge, Massachusetts, water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data]

Day of month	U.S. Geological Survey station name and number								
	Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Stony Brook Reservoir at dam near Waltham (01104480)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
				September					
1	21.7	13.4	17.8	21.5	13.1	17.3	22.1	15.1	18.4
2	18.2	15.9	17.2	17.8	15.8	17.1	18.4	16.7	17.7
3	19.1	16.0	17.4	18.8	15.5	17.0	19.5	16.2	17.7
4	22.6	14.9	18.6	22.3	15.4	18.8	22.9	16.1	19.6
5	22.1	13.7	17.7	21.5	13.8	18.1	21.6	15.4	18.9
6	22.8	16.1	18.5	22.4	16.1	18.5	23.1	16.7	19.4
7	23.8	14.5	18.7	25.0	14.1	18.6	24.5	15.7	19.7
8	25.5	13.5	19.0	26.0	13.6	19.8	26.5	15.1	20.9
9	27.1	14.6	20.4	27.4	14.9	21.0	29.2	16.7	22.4
10	18.4	10.8	15.7	18.7	11.9	15.7	19.5	13.2	16.6
11	17.6	7.8	13.3	17.8	9.4	13.6	18.5	10.8	14.4
12	18.8	7.9	12.6	19.6	8.3	13.2	19.7	8.8	14.1
13	18.4	6.3	12.7	18.4	6.7	13.5	19.2	8.8	14.7
14	21.0	12.1	16.2	20.8	12.2	16.1	22.2	14.2	17.6
15	21.9	15.3	18.5	21.9	15.9	18.2	22.9	16.6	18.9
16	25.3	12.6	18.5	25.1	13.2	18.5	26.3	13.8	19.4
17	25.6	13.5	18.9	26.3	14.4	19.5	27.4	15.3	20.6
18	26.7	15.2	20.2	27.1	15.6	20.5	28.9	16.5	21.7
19	25.8	16.7	20.8	25.8	16.3	20.7	28.0	17.4	21.8
20	21.3	12.2	17.3	21.4	14.2	17.5	22.2	14.9	18.5
21	17.5	9.1	12.8	17.9	10.6	13.5	18.4	11.7	14.5
22	19.6	6.4	13.3	19.9	6.9	13.8	20.9	8.3	15.1
23	20.1	13.2	16.5	20.7	13.1	16.8	21.1	15.0	17.9
24	25.8	15.8	20.3	25.9	17.2	20.7	27.2	19.0	21.8
25	19.2	9.0	14.9	18.9	9.4	15.4	19.9	11.7	16.8
26	20.3	8.0	13.4	20.0	8.5	14.5	20.6	11.1	15.7
27	21.0	6.3	13.2	21.6	6.8	14.0	22.9	8.4	15.6
28	21.6	9.2	15.3	21.7	9.0	15.6	21.8	11.0	16.7
29	19.6	6.9	15.1	18.7	7.8	15.0	19.6	9.8	15.9
30	17.1	4.0	11.1	17.6	4.7	11.8	18.6	6.0	12.9
MONTH	**27.1**	**4.0**	**16.5**	**27.4**	**4.7**	**16.8**	**29.2**	**6.0**	**17.9**
YEAR	**34.3**	**-17.8**	**e10.3**	**34.7**	**-15.2**	**e10.5**	**35.8**	**-13.3**	**e11.4**
RECORD QUALITY		**Excellent**			**Good**			**Fair**	

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
October																					
1	14.7	11.2	13.1	21.1	20.3	20.7	15.8	11.8	13.5	--	--	--	--	--	--	13.4	9.9	11.7	24.0	23.1	23.5
2	15.8	12.4	14.1	21.1	20.0	20.6	16.6	12.6	14.3	--	--	--	--	--	--	14.2	11.5	12.8	23.8	23.1	23.4
3	15.9	12.1	14.1	20.8	20.4	20.6	16.3	12.4	14.3	--	--	--	--	--	--	14.4	11.3	12.9	24.1	22.8	23.3
4	16.7	14.2	15.2	20.8	20.3	20.6	17.1	14.0	15.3	--	--	--	--	--	--	15.1	13.2	14.0	23.4	22.9	23.2
5	17.0	14.4	15.7	20.9	20.4	20.7	17.4	13.9	15.5	--	--	--	--	--	--	15.5	13.4	14.3	23.4	22.7	23.0
6	18.3	15.8	16.9	21.1	20.7	20.9	18.3	15.7	16.8	--	--	--	--	--	--	16.3	14.5	15.3	23.9	22.9	23.4
7	19.6	16.9	18.1	21.1	16.9	17.4	18.7	16.3	17.4	--	--	--	--	--	--	16.9	15.1	15.9	23.8	23.1	23.5
8	21.5	16.0	19.8	17.7	16.6	17.1	19.5	13.6	17.8	--	--	--	--	--	--	18.0	15.6	17.1	23.4	22.5	23.1
9	16.0	13.1	14.4	17.6	16.8	17.2	13.6	12.3	12.7	--	--	--	--	--	--	15.9	13.9	15.3	22.5	21.8	22.0
10	15.3	14.2	14.5	17.4	17.1	17.2	14.4	13.0	13.7	--	--	--	--	--	--	15.1	14.6	14.8	22.0	21.4	21.6
11	15.0	14.5	14.8	17.6	17.0	17.3	14.3	13.7	14.0	--	--	--	--	--	--	14.7	14.1	14.5	21.4	20.8	21.1
12	14.5	13.2	13.6	18.7	17.1	17.9	13.9	12.5	13.0	--	--	--	--	--	--	14.1	13.4	13.6	20.9	19.9	20.4
13	13.8	13.2	13.5	17.4	16.8	17.1	13.2	12.6	12.9	--	--	--	--	--	--	13.7	13.4	13.5	20.0	19.2	19.6
14	15.4	13.7	14.7	17.5	16.8	17.1	14.1	13.0	13.8	--	--	--	--	--	--	14.6	13.7	14.2	19.3	18.8	19.1
15	16.0	14.7	15.2	17.6	16.3	17.0	13.7	13.3	13.5	--	--	--	--	--	--	15.2	14.3	14.8	18.9	18.3	18.7
16	14.7	13.6	14.1	16.9	15.3	16.0	13.3	12.2	12.8	--	--	--	--	--	--	14.3	13.1	13.6	18.4	17.3	17.8
17	14.6	13.2	13.7	17.1	14.9	15.6	13.3	11.7	12.4	--	--	--	--	--	--	14.4	12.5	13.2	17.4	16.8	17.1
18	14.4	12.4	13.3	16.5	13.9	14.8	14.1	11.6	12.6	--	--	--	--	--	--	14.0	11.9	12.8	17.0	16.4	16.7
19	14.6	12.6	13.6	16.1	13.4	14.5	14.2	11.9	12.9	--	--	--	--	--	--	14.6	12.0	13.2	16.8	16.0	16.4
20	13.8	11.2	12.6	14.9	12.9	14.1	13.1	11.2	12.1	--	--	--	--	--	--	13.6	11.6	12.5	16.5	15.5	16.1
21	12.5	10.2	11.3	14.6	14.1	14.3	13.2	10.8	11.7	--	--	--	--	--	--	12.8	10.3	11.4	16.0	15.2	15.5
22	11.3	9.4	10.3	14.2	13.5	13.8	12.8	10.4	11.3	--	--	--	--	--	--	11.0	9.7	10.4	15.2	14.5	14.9
23	11.3	9.6	10.4	13.5	12.8	13.1	12.5	10.0	10.6	--	--	--	--	--	--	10.8	10.1	10.5	14.5	13.8	14.2
24	11.5	10.5	11.0	13.0	12.5	12.8	11.8	10.5	11.1	--	--	--	--	--	--	10.7	9.8	10.3	13.9	13.5	13.6
25	11.6	10.0	10.4	12.6	11.5	12.1	12.1	9.9	10.6	--	--	--	--	--	--	10.6	9.9	10.4	13.5	12.7	13.1
26	11.6	10.4	10.9	11.9	11.2	11.5	10.8	9.7	10.3	--	--	--	--	--	--	10.6	9.5	9.9	12.8	12.1	12.5
27	11.7	10.1	11.0	11.4	10.9	11.2	11.5	10.2	10.8	--	--	--	--	--	--	10.4	9.0	9.7	12.4	11.6	12.0
28	12.2	10.4	10.8	11.2	10.7	10.9	11.8	10.6	11.1	--	--	--	--	--	--	10.1	9.2	9.6	12.0	11.2	11.6
29	10.4	8.0	9.4	10.8	10.0	10.4	12.4	10.2	11.4	--	--	--	--	--	--	9.4	7.7	8.6	11.2	10.6	10.9
30	11.5	8.3	9.9	10.4	9.9	10.1	13.2	10.5	11.7	--	--	--	--	--	--	11.1	7.8	9.2	11.1	10.3	10.7
31	12.7	9.9	11.2	10.3	9.8	10.0	14.1	11.2	12.3	--	--	--	--	--	--	12.1	9.4	10.6	11.5	10.5	11.1
MONTH	**21.5**	**8.0**	**13.3**	**21.1**	**9.8**	**15.6**	**19.5**	**9.7**	**13.0**	**--**	**--**	**--**	**--**	**--**	**--**	**18.0**	**7.7**	**12.6**	**24.1**	**10.3**	**17.8**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
November																					
1	13.2	10.3	11.8	10.4	9.9	10.1	14.5	11.2	12.4	--	--	--	--	--	--	12.4	9.8	11.1	11.8	11.1	11.3
2	12.3	9.7	11.5	10.9	10.1	10.5	13.4	10.5	11.9	--	--	--	--	--	--	11.9	10.1	11.1	11.5	11.0	11.3
3	11.7	8.9	10.4	10.6	10.2	10.4	13.2	10.1	11.6	--	--	--	--	--	--	11.4	9.1	10.2	11.3	10.9	11.1
4	12.7	10.4	11.6	11.0	10.3	10.6	14.0	11.0	12.3	--	--	e13.6	--	--	--	12.2	10.1	11.1	11.4	10.9	11.1
5	13.6	11.7	12.5	10.8	10.5	10.6	14.3	11.4	12.5	--	--	--	11.3	9.7	10.4	12.7	11.0	11.7	11.7	11.0	11.3
6	13.1	11.4	12.0	11.0	10.6	10.8	12.3	11.0	11.8	--	--	--	11.4	10.2	10.6	12.0	11.4	11.6	11.8	11.1	11.5
7	13.1	10.2	11.8	10.9	10.6	10.8	13.0	9.9	11.6	--	--	--	11.3	9.7	10.6	11.9	10.5	11.4	12.8	11.1	11.6
8	11.7	9.6	10.6	10.9	10.5	10.7	18.6	9.1	10.9	--	--	e13.1	--	--	--	11.6	10.0	10.7	--	--	--
9	10.9	8.2	9.4	10.6	10.2	10.4	11.4	7.3	9.1	--	--	--	10.1	8.1	8.8	10.8	8.9	9.7	--	--	--
10	12.1	8.4	10.8	10.6	10.0	10.4	12.7	8.3	11.4	--	--	--	10.2	8.1	9.5	11.1	8.5	10.3	--	--	--
11	8.4	6.2	7.6	10.3	9.6	9.9	9.3	5.3	7.4	--	--	--	8.1	6.1	7.1	8.5	6.6	7.7	--	--	--
12	8.4	5.2	6.7	9.9	9.3	9.5	9.0	4.0	6.3	--	--	--	6.7	4.9	5.9	8.3	5.5	6.9	--	--	--
13	10.6	6.6	8.6	9.5	9.1	9.3	11.6	5.3	8.4	--	--	--	7.9	5.3	6.7	9.8	6.6	8.4	--	--	--
14	12.1	8.8	10.7	9.8	9.3	9.5	13.2	8.2	10.9	--	--	--	9.8	7.8	8.7	11.1	9.3	10.3	--	--	--
15	10.2	8.1	9.0	9.6	9.1	9.3	10.1	6.8	8.3	--	--	--	8.4	7.3	7.8	9.4	8.4	8.9	--	--	--
16	13.3	9.8	11.5	9.8	9.2	9.4	14.6	10.1	12.2	--	--	e14.0	11.5	8.3	9.4	12.5	9.3	10.7	--	--	--
17	12.4	7.4	9.9	9.9	9.3	9.6	12.6	6.9	10.4	--	--	e12.1	10.6	7.6	9.3	11.7	7.6	10.1	--	--	--
18	7.5	5.7	6.7	9.4	8.8	9.1	7.2	4.5	6.0	--	--	--	7.6	5.4	6.5	7.6	5.8	6.8	--	--	--
19	7.0	4.5	5.8	8.8	8.4	8.6	6.9	3.2	5.0	--	--	--	5.6	4.2	5.0	6.9	4.7	5.8	--	--	--
20	8.4	5.4	6.7	8.5	8.2	8.3	8.7	3.9	6.0	--	--	--	6.0	4.1	5.1	7.6	4.9	6.3	--	--	--
21	9.1	6.1	7.7	8.4	8.0	8.2	9.6	5.0	7.3	--	--	--	7.0	4.7	5.7	8.4	5.8	7.2	--	--	--
22	9.7	7.4	8.3	8.4	7.9	8.2	10.4	7.3	8.6	--	--	--	7.4	6.0	7.0	8.5	6.9	8.0	--	--	--
23	7.4	5.4	6.7	7.9	7.3	7.7	7.3	4.1	5.7	--	--	--	6.0	3.5	4.9	6.9	4.7	6.0	--	--	--
24	6.6	5.0	5.8	7.3	6.9	7.2	4.2	3.7	4.0	--	--	--	3.8	3.0	3.4	6.0	4.5	5.2	8.9	7.6	8.3
25	5.4	3.6	4.5	7.0	6.1	6.4	4.4	3.4	3.8	--	--	--	3.2	1.5	2.1	4.8	3.1	4.0	8.0	7.0	7.6
26	5.9	3.6	4.9	6.2	5.8	5.9	3.8	3.0	3.3	--	--	--	2.8	1.1	2.0	5.3	3.5	4.5	8.0	6.8	7.3
27	7.2	5.4	6.4	6.0	5.5	5.8	4.2	3.0	3.7	--	--	--	3.7	2.6	3.2	6.2	4.8	5.5	7.5	6.5	7.0
28	8.2	6.7	7.4	6.0	5.6	5.8	6.3	4.1	5.2	--	--	--	4.7	3.6	4.2	7.2	5.8	6.6	7.5	6.4	7.0
29	11.2	8.0	9.7	6.0	5.7	5.9	10.6	6.3	8.5	--	--	--	7.1	4.7	6.0	10.1	7.2	8.7	7.4	6.1	6.7
30	12.9	10.0	11.5	6.7	5.9	6.2	13.5	10.0	12.1	--	--	--	10.1	7.0	8.7	11.4	9.5	10.5	7.8	6.2	6.8
MONTH	**13.6**	**3.6**	**8.9**	**11.0**	**5.5**	**8.8**	**18.6**	**3.0**	**8.6**	**--**	**--**	**--**	**e11.5**	**e1.1**	**e6.7**	**12.7**	**3.1**	**8.6**	**e12.8**	**e6.1**	**e9.3**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
December																					
1	10.0	8.2	8.9	6.7	6.3	6.6	12.0	8.7	9.9	--	--	--	8.6	7.1	7.6	9.9	8.3	8.9	7.5	6.5	7.0
2	8.9	6.4	8.1	6.7	6.2	6.5	8.7	5.7	7.6	--	--	--	7.4	5.4	6.7	8.5	6.2	7.8	7.7	6.1	7.0
3	6.4	4.8	5.4	6.3	5.5	5.8	5.7	3.9	4.6	--	--	--	5.4	3.0	4.1	6.2	4.5	5.1	7.4	6.2	6.7
4	5.2	4.4	4.9	5.7	5.0	5.4	3.9	2.9	3.5	--	--	--	3.0	2.2	2.6	4.8	4.1	4.5	6.6	5.6	6.2
5	5.4	3.8	4.7	5.1	4.8	5.0	3.5	2.7	3.1	--	--	--	2.8	1.5	2.2	5.4	4.0	4.7	6.5	5.1	5.9
6	5.8	4.1	5.1	4.9	4.2	4.5	3.7	3.1	3.3	--	--	--	3.3	2.3	2.7	--	--	e4.5	6.2	5.2	5.6
7	4.1	2.0	3.3	4.3	2.8	3.6	3.1	2.2	2.7	--	--	e9.5	2.4	1.2	1.8	--	--	e4.2	5.7	4.7	5.2
8	3.5	1.4	2.3	3.5	2.5	3.0	2.4	1.5	2.0	--	--	--	1.9	0.7	1.3	4.7	3.2	3.9	5.5	4.4	4.8
9	2.9	-0.3	1.8	3.6	2.4	3.1	1.8	0.4	1.1	--	--	--	1.4	.0	0.8	4.0	0.2	3.1	5.3	3.2	4.3
10	4.1	2.1	3.2	3.1	2.7	2.9	1.2	.4	0.8	--	--	--	1.9	.5	1.2	4.3	3.2	3.7	4.2	3.5	3.8
11	4.6	2.8	3.8	3.1	2.7	2.9	2.2	1.0	1.5	--	--	--	2.3	1.1	1.7	4.5	3.5	4.0	4.1	3.3	3.7
12	5.0	3.2	4.0	3.1	2.8	2.9	3.4	1.8	2.5	--	--	--	2.8	1.4	1.9	4.9	3.6	4.2	3.9	3.1	3.6
13	3.2	.6	1.9	2.9	2.1	2.6	2.6	.5	1.3	--	--	--	1.5	.3	.8	3.6	2.2	2.9	3.6	1.8	3.0
14	1.2	.1	0.6	3.0	2.1	2.5	0.7	.1	0.3	--	--	--	0.8	.2	.4	2.8	1.6	2.2	2.3	.9	1.6
15	1.5	.0	.8	2.7	2.1	2.4	0.4	-.1	0.1	--	--	e9.2	0.8	.2	.5	3.2	1.4	2.4	2.8	.9	1.8
16	2.5	.4	1.6	3.0	2.6	2.8	0.8	.0	0.4	--	--	--	1.5	.7	1.1	3.5	2.7	3.1	2.7	.5	1.9
17	4.3	2.4	3.2	2.8	2.6	2.7	1.4	.6	0.9	--	--	--	1.8	.8	1.2	4.0	3.0	3.3	2.6	1.4	2.0
18	4.5	2.6	3.3	3.0	2.7	2.9	1.8	1.2	1.5	--	--	--	1.8	.6	1.1	4.1	3.0	3.4	2.6	1.0	2.0
19	4.0	2.5	3.1	3.3	2.8	3.1	2.0	1.5	1.7	--	--	e8.7	1.8	.7	1.1	4.1	2.9	3.3	2.5	1.1	1.6
20	3.6	1.8	2.6	3.3	3.0	3.1	2.0	1.4	1.7	--	--	--	1.5	.5	.9	3.6	2.5	3.0	2.2	.5	1.4
21	2.7	.8	1.9	3.4	3.0	3.2	2.0	1.2	1.6	--	--	--	1.5	.4	.9	3.2	2.1	2.7	2.0	.5	1.3
22	3.3	1.4	2.4	3.6	3.3	3.4	1.7	.7	1.1	--	--	--	1.8	.6	1.2	3.5	2.4	3.0	1.8	.9	1.5
23	5.4	3.0	4.1	3.6	3.4	3.5	4.7	1.7	3.5	--	--	--	3.0	1.5	2.1	4.7	3.4	4.0	1.8	.6	1.4
24	5.9	3.7	4.7	3.7	3.5	3.6	6.4	3.4	4.8	--	--	--	3.2	1.8	2.4	5.0	3.7	4.3	1.9	.9	1.4
25	5.7	3.1	4.5	3.8	3.6	3.7	6.6	2.9	4.7	--	--	--	3.4	1.6	2.4	5.0	3.5	4.3	2.1	1.2	1.7
26	4.4	3.1	3.6	3.8	3.6	3.7	6.4	4.4	5.0	--	--	--	3.4	1.8	2.5	4.5	3.9	4.1	1.8	.3	1.4
27	4.8	3.1	3.8	3.9	3.7	3.7	5.2	3.3	4.0	--	--	--	1.8	.8	1.3	4.4	3.4	3.7	2.2	1.0	1.7
28	5.3	2.9	4.2	3.9	3.7	3.8	5.9	2.6	4.2	--	--	--	2.0	.6	1.3	4.6	3.1	3.9	2.4	.8	1.7
29	6.0	5.0	5.6	4.0	3.7	3.8	7.2	4.7	6.2	--	--	--	2.7	1.6	2.3	5.0	4.1	4.7	2.0	1.0	1.6
30	6.2	4.1	5.4	4.0	3.8	3.9	7.4	4.4	6.2	--	--	--	3.1	1.7	2.5	5.3	4.1	4.8	2.3	1.3	1.8
31	4.5	3.2	3.9	4.1	3.8	4.0	5.0	3.3	4.1	--	--	--	1.9	1.1	1.5	4.4	3.6	4.0	2.1	.7	1.3
MONTH	**10.0**	**-.3**	**3.8**	**6.7**	**2.1**	**3.7**	**12.0**	**-.1**	**3.1**	**--**	**--**	**--**	**8.6**	**.0**	**2.0**	**9.9**	**.2**	**4.1**	**7.7**	**.3**	**3.1**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
January																					
1	3.9	3.0	3.6	4.0	3.8	3.9	4.4	2.8	3.6	--	--	--	1.7	1.2	1.5	4.0	3.4	3.8	1.7	0.7	1.3
2	5.1	3.2	4.3	4.0	3.8	3.9	6.1	3.0	4.6	--	--	--	2.4	1.3	1.9	4.8	3.6	4.3	1.5	.8	1.1
3	4.4	3.2	3.9	4.0	3.6	3.9	5.3	3.3	4.5	--	--	--	2.2	1.6	1.9	4.2	3.7	4.0	1.8	1.0	1.4
4	4.3	2.9	3.6	3.8	3.4	3.6	4.8	2.7	3.7	--	--	--	2.2	1.3	1.8	4.5	3.5	4.0	1.7	.4	1.3
5	5.0	3.7	4.2	3.7	3.4	3.6	5.5	3.5	4.3	--	--	--	2.3	1.7	1.9	4.7	3.8	4.2	1.4	.5	1.0
6	5.0	3.9	4.5	3.8	3.4	3.6	5.5	4.1	4.8	--	--	--	2.5	1.7	2.1	4.8	4.1	4.5	1.4	.5	0.9
7	4.2	2.3	3.1	3.8	3.4	3.6	4.5	2.1	3.2	--	--	--	2.1	1.1	1.6	4.2	3.2	3.7	1.9	.7	1.3
8	3.9	2.1	2.9	3.6	3.4	3.5	4.6	2.1	3.1	--	--	--	2.1	1.1	1.5	4.3	3.3	3.6	1.6	.8	1.2
9	5.1	2.8	3.9	3.8	3.4	3.6	6.2	3.0	4.4	--	--	--	2.7	1.4	2.0	4.8	3.5	4.2	1.5	.4	.9
10	5.3	3.3	4.1	3.8	3.5	3.7	7.1	3.1	4.5	--	--	e9.1	2.8	1.5	2.1	4.9	3.7	4.2	1.5	.4	.9
11	6.3	3.2	4.9	3.8	3.5	3.6	7.5	3.2	5.5	--	--	--	3.4	1.6	2.6	5.6	3.9	4.8	1.9	.5	.9
12	6.8	4.6	5.6	3.8	3.6	3.7	8.7	5.4	7.1	--	--	--	4.4	2.7	3.4	6.1	4.6	5.3	1.7	.6	1.2
13	7.2	3.9	5.7	3.8	3.6	3.7	8.6	4.4	6.5	--	--	--	3.8	2.0	2.9	6.1	4.0	5.2	1.6	.7	1.2
14	10.0	7.2	8.6	4.0	3.7	3.8	11.6	7.8	9.8	--	--	--	5.9	3.8	4.9	7.5	6.1	6.8	2.4	1.2	1.6
15	7.9	0.5	2.9	3.9	2.8	3.4	9.4	0.4	3.9	--	--	--	5.0	0.3	2.4	6.5	1.2	3.1	2.2	1.2	1.6
16	2.4	.2	1.3	2.9	2.4	2.7	3.2	-.1	1.4	--	--	--	1.2	.2	0.7	3.1	1.1	2.0	2.2	1.1	1.5
17	4.2	1.6	2.9	3.0	2.5	2.8	5.1	1.2	3.3	--	--	--	2.1	.7	1.4	4.0	2.1	3.1	1.8	.5	1.1
18	8.6	4.1	5.0	2.6	2.1	2.3	10.4	4.5	6.4	--	--	--	5.5	2.0	3.0	6.6	3.8	4.4	1.7	.1	1.0
19	5.4	3.7	4.5	2.8	2.5	2.6	6.6	4.4	5.4	--	--	--	2.6	1.4	2.1	5.0	3.5	4.1	1.6	.3	.9
20	7.2	4.6	5.8	3.0	2.6	2.8	8.5	4.9	6.4	--	--	--	3.6	1.9	2.7	6.3	4.1	5.1	1.7	.7	1.2
21	8.1	5.5	6.5	3.2	2.8	3.0	9.4	5.3	7.1	--	--	--	4.8	2.9	3.7	7.5	5.1	6.1	2.4	.8	1.5
22	5.5	3.5	4.2	3.0	2.3	2.7	6.4	3.8	4.7	--	--	--	3.7	2.2	2.7	5.3	3.9	4.5	2.3	1.2	1.8
23	4.0	1.2	3.0	3.3	2.9	3.1	4.7	.4	3.3	--	--	--	2.3	.7	1.6	4.2	2.1	3.5	2.3	.8	1.7
24	5.1	3.1	4.0	3.1	3.0	3.1	6.3	3.4	4.6	--	--	--	2.8	1.4	2.0	4.8	3.5	4.1	1.7	.8	1.3
25	5.3	3.4	4.2	3.1	3.0	3.0	6.7	3.9	5.1	--	--	e9.0	3.0	1.6	2.3	5.0	3.6	4.4	1.7	.9	1.4
26	5.1	2.1	3.9	3.2	2.8	3.0	6.2	2.6	4.6	--	--	--	3.1	1.5	2.3	5.1	3.5	4.3	2.3	1.0	1.6
27	4.0	1.3	2.6	3.0	2.7	2.9	5.5	1.8	3.3	--	--	--	2.3	.8	1.5	4.6	2.9	3.7	2.2	1.2	1.8
28	5.9	3.0	4.1	3.0	2.8	2.9	7.3	3.5	5.0	--	--	--	3.2	1.6	2.3	5.4	3.8	4.5	2.0	1.1	1.6
29	5.8	3.1	4.2	3.0	2.8	2.9	7.0	3.7	5.1	--	--	--	3.3	1.8	2.6	5.4	4.0	4.7	2.0	1.1	1.6
30	4.5	3.4	4.1	3.1	2.9	3.0	5.1	4.1	4.7	--	--	--	3.0	2.4	2.8	4.6	4.3	4.5	2.0	1.0	1.6
31	4.4	3.1	3.8	3.0	2.4	2.7	5.5	3.8	4.7	--	--	--	2.6	1.8	2.3	4.4	3.5	4.0	1.8	.8	1.4
MONTH	**10.0**	**0.2**	**4.2**	**4.0**	**2.1**	**3.2**	**11.6**	**-.1**	**4.8**	**--**	**--**	**--**	**5.9**	**.2**	**2.3**	**7.5**	**1.1**	**4.3**	**2.4**	**.1**	**1.3**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February																					
1	5.6	3.3	4.4	2.9	2.5	2.7	6.5	4.1	5.2	--	--	--	3.1	1.7	2.4	5.4	3.4	4.3	1.8	0.8	1.3
2	6.2	3.6	4.8	2.9	2.6	2.8	7.6	4.1	5.6	--	--	--	3.6	2.1	2.8	5.8	3.6	4.8	1.8	.8	1.3
3	6.5	4.6	5.6	3.2	2.8	3.0	8.4	5.5	6.7	--	--	--	4.5	2.9	3.7	6.4	4.9	5.5	1.8	1.1	1.4
4	7.2	4.8	5.9	3.5	3.0	3.3	8.6	6.0	7.1	--	--	--	4.7	3.0	3.9	7.0	5.0	6.0	2.5	1.1	1.6
5	7.6	5.6	6.3	3.7	3.3	3.5	8.3	6.2	7.0	--	--	--	5.7	4.5	4.9	7.5	6.0	6.6	2.4	1.5	2.0
6	5.7	4.2	4.9	3.7	3.5	3.6	6.8	4.8	5.6	--	--	--	4.5	2.7	3.5	6.0	4.2	5.1	3.1	1.9	2.5
7	5.5	3.4	4.3	3.6	3.1	3.4	6.5	3.9	5.0	--	--	--	3.4	1.9	2.6	5.4	3.5	4.3	2.8	2.0	2.4
8	5.3	2.5	3.7	3.6	2.8	3.3	6.5	3.1	4.4	--	--	--	2.7	1.1	1.9	5.1	3.0	4.0	2.6	1.5	2.2
9	4.8	2.3	3.3	3.1	2.4	2.8	6.3	2.8	4.0	--	--	--	2.7	1.2	1.9	5.1	3.3	4.0	2.6	1.1	1.9
10	3.6	1.2	2.4	3.3	2.3	2.9	5.1	1.8	3.1	--	--	--	2.2	.7	1.4	4.6	2.9	3.7	2.4	.9	1.8
11	4.3	1.4	2.7	3.0	2.3	2.7	5.9	1.8	3.4	--	--	--	2.5	.9	1.7	4.9	3.1	3.9	2.7	1.3	1.8
12	2.7	0.2	1.1	2.5	1.7	2.2	3.0	-0.2	1.0	--	--	--	1.8	.1	0.7	3.8	2.0	2.7	2.5	.5	1.4
13	3.5	.8	2.0	2.0	1.5	1.8	4.9	.0	2.0	--	--	--	1.7	.2	.8	3.9	2.2	3.0	1.3	.0	0.9
14	4.7	2.0	3.1	2.2	1.8	2.0	6.5	1.9	3.7	--	--	--	2.4	.6	1.4	4.8	3.0	3.8	1.4	.3	.9
15	6.4	2.6	4.1	2.6	2.1	2.3	8.5	3.0	5.0	--	--	--	3.5	1.0	2.1	5.9	3.5	4.5	1.7	.4	1.1
16	7.3	3.2	4.8	2.7	2.4	2.6	8.6	4.1	5.9	--	--	--	4.1	1.6	2.7	6.4	3.9	4.9	1.8	.9	1.4
17	6.3	2.4	4.8	3.0	2.5	2.8	8.0	3.4	6.1	--	--	--	4.2	1.8	3.1	5.9	3.0	4.9	2.0	.8	1.3
18	3.3	.3	2.1	3.0	1.9	2.6	4.8	.2	2.9	--	--	--	1.9	.0	1.2	3.4	1.4	2.6	2.1	1.0	1.7
19	2.2	.1	0.9	2.4	1.7	2.1	4.7	-.1	1.5	--	--	--	1.4	-.1	.5	3.7	1.1	2.3	1.7	.5	1.2
20	3.8	.4	1.7	2.5	2.2	2.3	6.0	.4	2.4	--	--	--	2.6	.3	1.3	4.5	1.9	3.1	1.7	.5	.9
21	4.2	.6	2.2	2.5	2.3	2.4	6.0	.9	3.0	--	--	--	2.7	.7	1.7	4.7	2.4	3.5	1.9	.6	1.3
22	5.2	1.2	2.9	2.8	2.4	2.6	7.3	1.4	3.7	--	--	--	3.5	.9	2.1	5.6	2.8	3.9	2.0	1.0	1.5
23	4.8	1.9	3.3	2.9	2.6	2.8	6.7	2.3	4.2	--	--	8.4	3.1	1.6	2.4	5.2	3.2	4.1	2.0	1.1	1.6
24	4.5	1.3	3.1	3.0	2.7	2.9	6.6	1.2	3.8	--	--	--	3.4	1.5	2.4	5.0	2.7	3.9	2.1	.9	1.6
25	1.5	.4	1.1	3.1	2.9	3.0	2.7	.3	1.6	--	--	--	1.6	.7	1.3	3.2	2.0	2.7	2.0	.8	1.4
26	2.9	.0	1.2	3.1	2.9	3.0	5.1	-.2	1.4	--	--	--	2.7	.6	1.4	3.6	1.3	2.3	1.8	.8	1.3
27	1.5	-.1	.4	3.0	2.6	2.9	2.3	-.2	0.3	--	--	--	2.1	.2	.9	2.9	0.7	1.6	1.5	.5	1.0
28	1.9	.0	0.7	2.8	2.5	2.7	3.9	-.2	0.8	--	--	--	2.5	.3	1.2	3.5	1.1	2.1	1.3	.5	1.0
MONTH	**7.6**	**-.1**	**3.1**	**3.7**	**1.5**	**2.8**	**8.6**	**-.2**	**3.8**	**--**	**--**	**--**	**5.7**	**-.1**	**2.1**	**7.5**	**.7**	**3.9**	**3.1**	**.0**	**1.5**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
March																					
1	2.6	0.1	1.2	2.7	2.4	2.5	5.6	-0.2	1.8	--	--	--	3.1	0.6	1.6	4.0	1.4	2.6	1.6	0.3	0.9
2	2.5	.4	1.5	2.6	2.4	2.5	3.9	.3	2.1	--	--	--	2.3	.9	1.7	3.6	2.0	2.9	1.4	.3	.8
3	2.9	.4	1.4	2.8	2.1	2.5	5.7	-.1	1.8	--	--	--	3.0	.8	1.6	3.9	1.7	2.5	1.5	.1	.8
4	3.9	.3	1.8	2.8	2.3	2.5	7.1	-.1	2.2	--	--	--	3.5	.6	1.8	4.9	1.6	3.0	1.5	.4	.9
5	5.2	.7	2.6	2.6	2.3	2.5	8.5	.5	3.3	--	--	--	4.5	1.1	2.5	5.8	2.3	3.7	1.5	.3	1.0
6	5.0	.9	2.7	2.8	2.4	2.6	8.4	.7	3.5	--	--	--	4.4	1.4	2.7	5.8	2.2	3.7	1.7	.4	1.1
7	5.3	.8	2.8	3.1	2.7	2.9	9.0	.8	3.8	--	--	--	4.9	1.5	3.1	6.2	2.3	3.9	2.0	.2	1.4
8	5.8	1.0	3.2	3.5	3.0	3.2	9.3	1.1	4.2	--	--	--	5.3	1.7	3.4	6.4	2.4	4.2	2.3	1.1	1.7
9	4.6	3.1	3.9	3.5	3.3	3.4	5.6	3.5	4.6	--	--	--	4.2	3.2	3.7	5.0	3.8	4.4	2.1	1.1	1.6
10	9.6	4.4	6.6	3.6	3.3	3.5	12.4	5.0	7.7	--	--	--	7.4	3.9	5.4	8.5	4.5	6.3	2.0	1.2	1.6
11	9.7	5.1	7.0	4.0	3.4	3.7	12.9	4.5	7.6	--	--	--	8.2	4.5	6.2	9.8	5.5	7.6	2.2	1.1	1.8
12	6.7	3.6	5.4	3.9	3.6	3.8	8.3	3.2	5.7	--	--	--	5.9	4.0	5.2	7.7	5.7	6.9	2.3	1.2	1.9
13	7.2	4.4	5.9	4.3	3.7	3.9	8.6	4.4	6.5	--	--	e9.2	6.8	4.4	5.4	7.8	5.9	7.0	2.6	1.7	2.1
14	8.6	4.3	6.4	5.3	4.1	4.4	9.6	4.9	7.4	--	--	8.8	7.8	5.4	6.4	9.5	6.4	7.9	3.0	1.7	2.4
15	5.9	2.9	4.2	4.6	3.9	4.3	7.6	3.2	5.1	--	--	e8.1	5.5	3.8	4.7	6.5	4.4	5.5	3.1	2.0	2.6
16	6.8	2.0	4.0	5.0	3.8	4.3	10.9	2.6	5.3	--	--	--	6.0	2.5	4.2	7.4	3.1	5.2	3.4	2.3	3.0
17	6.5	1.7	3.6	5.2	3.7	4.3	10.3	1.6	4.7	--	--	--	6.2	2.4	4.2	7.3	3.3	5.1	3.7	2.4	3.1
18	5.6	.8	2.9	5.0	3.5	4.1	9.5	.8	4.0	--	--	--	5.4	1.8	3.7	6.6	2.4	4.4	3.6	2.5	3.0
19	4.8	1.6	3.0	4.6	3.7	4.2	7.3	1.7	3.8	--	--	--	4.8	2.6	3.7	5.8	3.1	4.4	3.5	2.2	2.9
20	5.1	.8	2.5	4.5	3.1	3.8	8.7	.6	3.3	--	--	--	5.2	1.8	3.3	6.2	2.3	3.9	3.4	2.2	2.9
21	6.4	.4	3.1	4.7	3.0	3.8	10.7	.1	4.4	--	--	--	6.0	1.2	3.6	6.9	1.3	4.3	3.8	2.3	3.0
22	5.4	2.6	3.8	4.2	3.6	3.9	7.3	2.8	4.6	--	--	--	5.2	3.3	4.4	6.2	4.2	5.2	3.6	2.6	3.1
23	7.6	2.2	5.0	4.8	3.4	4.2	12.1	2.2	6.4	--	--	--	7.8	3.0	5.4	8.9	3.2	6.3	4.4	2.6	3.4
24	7.9	4.6	6.0	5.1	4.4	4.8	11.2	4.5	7.2	--	--	--	8.2	5.9	6.9	9.1	6.3	7.6	3.6	2.8	3.3
25	6.6	4.3	5.2	5.0	4.6	4.8	8.5	4.3	5.9	--	--	--	7.2	5.6	6.3	7.7	6.1	6.7	3.6	2.6	3.1
26	6.8	3.8	5.2	5.2	4.5	4.8	8.7	4.1	6.0	--	--	--	7.0	5.2	6.2	7.6	5.4	6.5	4.2	3.0	3.6
27	9.0	2.8	5.7	6.1	4.2	5.0	13.9	2.6	7.3	--	--	--	9.3	4.4	6.8	10.0	4.5	7.2	5.2	3.1	4.2
28	9.1	3.4	6.2	5.8	4.8	5.1	13.0	3.2	7.6	--	--	--	9.4	5.5	7.5	10.2	5.6	7.9	5.9	3.9	4.9
29	10.5	3.8	7.0	6.5	4.7	5.3	15.6	3.4	8.8	--	--	--	11.2	6.0	8.6	12.0	5.7	8.9	7.3	4.0	5.1
30	11.1	4.7	7.8	7.4	5.0	6.3	16.2	4.7	9.8	--	--	10.2	12.2	7.4	9.7	13.1	7.4	10.1	8.0	4.3	5.4
31	12.5	5.4	8.8	6.5	5.4	5.9	17.1	5.3	10.8	--	--	--	13.3	8.2	10.8	14.4	8.1	11.1	7.8	5.8	6.7
MONTH	**12.5**	**.1**	**4.4**	**7.4**	**2.1**	**4.0**	**17.1**	**-.2**	**5.4**	**--**	**--**	**--**	**13.3**	**.6**	**4.9**	**14.4**	**1.3**	**5.7**	**8.0**	**.1**	**2.7**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
										April											
1	12.8	8.0	9.8	6.7	5.6	6.2	16.4	8.6	10.9	--	--	--	13.7	10.5	11.9	14.3	10.3	11.8	7.4	6.1	6.8
2	12.6	7.5	9.6	8.6	6.4	7.3	16.8	7.8	11.2	--	--	--	14.1	10.2	12.0	14.1	9.7	11.5	8.6	6.4	7.3
3	10.2	5.3	7.5	8.7	6.8	7.7	13.8	5.3	8.9	--	--	--	11.4	8.8	10.2	12.4	8.3	10.1	7.9	5.6	6.8
4	7.8	5.1	6.8	9.4	8.0	8.9	8.9	6.4	8.1	9.5	7.4	8.6	9.9	8.0	9.2	10.2	7.6	9.3	6.9	5.5	6.1
5	5.1	3.3	4.0	8.6	8.0	8.3	7.3	4.6	5.6	8.3	3.8	6.9	8.0	5.8	6.6	7.6	5.2	6.1	6.8	5.6	6.2
6	8.6	3.0	5.6	8.6	7.6	8.0	11.8	3.8	7.3	9.2	7.3	8.1	8.9	4.8	6.9	9.8	4.6	7.2	7.2	5.7	6.4
7	9.5	4.0	6.8	8.4	7.6	7.9	13.2	4.5	8.1	10.0	8.0	8.9	9.8	6.0	8.2	10.8	6.4	8.8	6.9	5.9	6.4
8	7.5	5.0	6.8	8.5	8.1	8.3	8.5	6.0	8.0	9.3	8.5	9.0	9.5	7.5	8.7	9.6	7.1	8.7	6.6	6.0	6.3
9	10.1	4.0	6.3	9.1	7.6	8.3	14.5	5.0	8.2	9.8	8.2	8.8	10.7	6.2	8.1	11.1	6.0	8.2	7.1	5.4	6.3
10	11.3	3.5	7.2	9.8	8.2	8.8	16.1	4.2	9.3	10.0	8.0	9.0	12.2	6.3	9.3	12.9	6.4	9.5	8.7	5.8	7.1
11	11.2	5.0	7.9	9.9	8.2	9.1	15.2	5.5	9.9	10.0	8.5	9.2	12.4	8.0	10.4	13.2	7.8	10.5	8.4	6.2	7.6
12	12.6	5.4	8.8	9.5	8.7	9.1	17.0	6.4	11.0	10.4	8.8	9.5	13.8	8.8	11.3	14.7	8.7	11.5	9.4	7.3	8.3
13	13.7	8.6	10.5	9.7	8.8	9.2	17.2	10.1	12.7	10.8	9.6	10.0	15.2	11.5	13.0	15.4	11.0	12.7	9.6	8.0	8.8
14	14.5	7.5	10.8	10.7	9.3	10.0	18.9	8.6	13.1	10.8	9.4	10.0	16.1	11.2	13.7	16.7	10.6	13.3	10.7	8.9	9.5
15	14.7	10.2	11.7	10.8	9.9	10.3	19.1	11.8	14.5	11.1	10.0	10.3	17.6	13.7	15.2	16.9	13.0	14.3	12.7	9.7	11.0
16	12.7	8.4	10.1	11.5	10.4	11.0	16.1	9.7	12.4	10.2	9.5	9.9	15.5	12.5	13.9	15.4	11.0	12.7	12.1	10.4	11.2
17	10.4	6.6	8.5	11.8	10.9	11.4	14.1	7.5	10.5	10.2	9.2	9.7	13.0	10.5	11.8	13.0	9.4	11.2	11.6	10.2	10.8
18	13.3	7.9	10.0	13.6	11.1	11.9	16.9	9.2	12.0	10.5	9.6	9.9	15.1	11.2	12.8	15.4	10.3	12.0	11.3	9.6	10.3
19	12.9	8.4	10.4	13.7	11.5	12.2	17.0	9.8	12.6	10.5	9.7	10.0	15.8	11.8	13.5	15.4	10.8	12.6	12.4	9.8	10.9
20	14.5	8.5	11.2	13.2	11.7	12.4	19.3	9.7	13.7	10.7	9.7	10.1	17.0	12.2	14.4	16.6	10.7	13.1	11.6	10.4	11.1
21	13.4	8.0	10.2	13.9	12.1	12.7	17.5	8.9	12.5	10.4	9.5	9.9	16.0	11.9	13.8	15.1	9.6	12.0	12.0	10.9	11.4
22	9.2	6.4	7.8	13.5	12.2	12.7	11.6	7.0	9.3	9.9	9.2	9.5	12.7	10.0	11.0	11.3	8.5	9.7	11.9	10.9	11.5
23	7.8	6.6	7.3	13.1	12.4	12.8	9.8	8.3	8.9	9.7	6.9	9.1	10.3	8.3	9.8	9.8	8.4	9.2	11.3	9.7	10.5
24	8.0	6.5	7.3	12.6	12.2	12.4	9.3	7.2	8.3	9.6	7.1	9.0	10.0	8.5	9.4	9.9	8.6	9.3	10.1	9.5	9.8
25	13.8	6.4	9.6	12.8	12.1	12.3	18.3	7.3	11.4	11.0	9.2	9.9	14.0	8.5	11.3	14.8	8.7	11.5	11.1	9.4	10.2
26	12.8	6.2	9.4	12.7	12.0	12.3	17.7	6.5	11.3	10.6	9.0	9.8	14.8	9.7	12.2	14.8	9.3	11.9	12.6	10.0	11.2
27	12.8	6.6	9.5	13.2	11.9	12.5	18.3	7.3	11.9	10.8	9.2	9.9	15.0	10.3	12.7	15.1	9.7	12.3	12.2	10.0	11.1
28	13.0	7.0	9.6	13.2	12.4	12.8	18.3	7.9	12.1	10.6	9.4	9.9	15.6	11.1	13.2	15.4	10.5	12.5	11.6	10.5	11.1
29	12.7	5.6	8.8	14.0	12.4	13.1	18.3	6.7	11.4	10.6	9.1	9.8	15.3	10.1	12.5	15.3	9.6	12.0	12.4	11.3	11.7
30	13.0	5.5	9.1	14.3	12.8	13.5	19.0	6.3	11.8	10.7	9.1	9.8	15.7	9.9	12.7	15.8	9.1	12.0	12.4	11.4	11.8
MONTH	**14.7**	**3.0**	**8.6**	**14.3**	**5.6**	**10.4**	**19.3**	**3.8**	**10.6**	**e11.1**	**e3.8**	**e9.4**	**17.6**	**4.8**	**11.3**	**16.9**	**4.6**	**10.9**	**12.7**	**5.4**	**9.2**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
										May											
1	11.4	6.6	8.8	14.4	13.4	13.8	17.1	7.9	11.4	10.6	9.3	9.9	15.4	10.9	12.8	15.3	9.9	11.8	12.7	11.7	12.2
2	8.7	7.6	8.2	13.6	12.8	13.3	10.0	8.8	9.5	10.3	8.7	9.6	12.6	10.1	11.1	11.2	10.1	10.8	12.1	10.5	11.1
3	9.0	7.7	8.4	12.9	12.6	12.8	10.4	9.0	9.8	10.6	8.7	10.0	11.1	10.0	10.7	11.1	10.0	10.6	11.2	10.3	10.7
4	16.2	8.4	11.8	13.7	12.7	13.2	21.0	9.9	14.0	12.4	10.2	11.1	16.5	10.8	13.6	17.7	10.7	14.0	12.3	10.3	11.1
5	16.8	10.6	13.3	13.7	13.0	13.3	21.3	11.4	15.4	12.4	10.7	11.4	19.6	14.2	16.7	18.8	13.7	16.1	14.4	11.7	13.0
6	13.6	10.5	12.1	14.2	13.6	13.8	16.8	11.4	14.0	11.5	10.6	11.0	17.4	15.1	16.4	16.5	14.3	15.4	15.2	13.1	14.0
7	14.3	8.8	11.5	14.2	13.4	13.7	19.0	9.5	13.6	11.5	10.1	10.7	17.9	13.3	15.5	16.3	12.2	14.2	15.2	13.4	14.2
8	14.4	8.5	11.2	14.2	13.1	13.6	18.7	9.2	13.4	11.3	10.0	10.6	17.3	13.0	15.2	16.0	11.8	13.9	14.7	13.2	14.0
9	10.4	9.1	9.8	15.2	13.4	14.3	12.1	10.1	11.1	11.8	10.2	10.6	15.0	11.7	13.2	13.4	11.4	12.4	14.3	12.3	13.6
10	10.1	8.9	9.5	14.4	13.8	14.0	11.2	10.3	10.8	11.3	9.7	10.8	12.7	11.3	11.9	11.9	10.9	11.5	12.6	11.7	12.1
11	11.4	9.3	10.2	14.3	13.7	13.9	13.5	10.8	11.7	11.3	10.6	10.9	12.9	11.5	12.3	12.7	11.3	11.9	12.2	11.7	12.0
12	10.3	9.2	9.8	13.9	13.4	13.7	12.1	10.6	11.3	11.2	10.6	10.8	12.3	11.6	12.0	11.8	11.2	11.5	12.1	11.6	11.9
13	10.0	8.4	9.4	13.5	12.8	13.2	11.6	9.9	10.9	11.2	9.1	10.4	11.6	10.3	11.1	11.2	10.1	10.8	11.9	11.1	11.6
14	8.9	8.0	8.5	12.9	12.5	12.6	9.9	9.4	9.6	9.7	8.9	9.4	10.3	9.7	10.0	10.1	9.7	9.8	11.6	10.8	11.2
15	9.5	8.5	9.0	12.5	12.2	12.3	10.6	9.5	10.0	10.7	9.4	9.9	10.3	9.6	9.9	10.2	9.6	9.9	11.3	10.8	11.0
16	10.4	8.8	9.5	12.8	12.2	12.4	12.1	10.3	11.1	11.8	9.8	10.5	11.2	10.0	10.5	10.8	9.9	10.3	11.5	10.4	11.0
17	12.0	8.7	10.3	12.5	12.2	12.3	14.9	10.8	12.5	11.9	10.0	10.9	14.1	10.2	12.1	13.7	9.8	11.7	12.6	10.8	11.7
18	13.9	9.5	11.4	12.7	12.2	12.4	16.7	11.6	13.6	12.6	10.7	11.5	16.6	12.5	14.4	15.5	11.6	13.3	13.8	11.6	12.8
19	13.2	10.3	11.5	13.4	12.6	13.0	15.2	12.4	13.6	14.0	11.2	12.1	15.3	14.0	14.6	14.1	12.5	13.1	13.8	12.8	13.3
20	13.3	9.7	11.2	13.4	12.8	13.1	15.9	12.2	13.5	12.0	10.8	11.4	15.8	13.0	14.4	14.6	11.5	12.9	14.3	12.9	13.5
21	12.2	9.3	10.5	13.5	13.0	13.3	15.8	11.5	12.8	12.0	10.8	11.2	15.5	13.1	14.2	14.2	11.4	12.6	14.1	12.8	13.5
22	13.1	8.3	10.4	14.2	13.0	13.6	16.5	10.5	12.8	11.9	10.4	11.0	15.9	11.8	13.8	15.2	10.3	12.5	14.0	12.9	13.4
23	11.4	8.5	9.8	14.2	13.6	13.8	14.3	10.4	11.8	11.5	10.5	10.9	14.5	12.7	13.6	13.5	11.1	12.1	13.8	13.1	13.4
24	12.7	8.9	10.7	14.6	13.4	14.0	14.9	10.9	12.6	11.6	10.7	11.1	15.2	12.6	13.9	14.2	11.2	12.6	13.6	12.5	13.1
25	14.5	8.6	11.6	14.3	13.5	13.9	18.2	10.5	13.9	12.4	10.7	11.5	17.3	12.7	14.9	16.6	11.2	13.7	15.4	12.8	14.0
	15.4	11.3	13.2	15.0	13.6	14.1	18.4	13.0	15.2	19.1	11.4	12.9	18.0	15.3	16.7	16.2	13.0	14.4	16.4	13.9	15.1
26	15.6	12.6	14.1	17.2	14.8	15.9	19.6	15.6	16.9	14.7	12.1	12.6	18.9	16.7	17.8	17.3	15.3	16.3	17.7	15.0	15.9
27	16.9	12.5	14.6	18.0	15.8	16.8	20.2	14.7	17.0	12.7	11.8	12.2	20.5	17.1	18.8	18.3	15.1	16.6	19.2	15.9	17.3
28	17.2	13.2	15.0	17.4	15.4	16.2	20.0	14.9	17.1	12.7	11.8	12.1	20.9	18.1	19.5	18.5	15.9	17.1	21.4	17.6	19.1
29	17.4	13.9	15.4	18.2	16.7	17.4	19.8	15.2	17.0	12.4	11.8	12.1	21.4	18.7	19.9	20.6	16.5	18.0	20.2	17.4	18.8
30	17.2	13.4	15.1	17.4	15.6	16.6	19.8	14.2	16.5	12.5	11.6	11.9	20.8	17.8	19.3	18.9	15.4	17.0	20.8	18.3	19.4
MONTH	**17.4**	**6.6**	**11.2**	**18.2**	**12.2**	**13.9**	**21.3**	**7.9**	**13.0**	**19.1**	**8.7**	**11.1**	**21.4**	**9.6**	**14.2**	**20.6**	**9.6**	**13.2**	**21.4**	**10.3**	**13.5**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June																				
1	18.4	14.5	16.2	16.8	15.6	16.0	20.8	15.6	17.8	12.4	11.8	12.1	21.4	18.72	0.1	19.1	16.2	17.6	21.3	19.8	20.3
2	16.2	14.8	15.6	--	--	e16.2	17.8	15.5	16.3	16.7	11.9	12.8	20.5	17.81	9.2	17.8	15.9	16.8	20.5	18.6	19.6
3	15.4	13.4	14.7	--	--	e16.3	16.4	13.9	15.5	15.5	13.4	14.5	17.8	15.31	6.5	16.0	14.7	15.5	18.9	16.8	18.0
4	13.6	12.7	13.1	--	--	e16.4	14.2	13.2	13.7	13.6	12.5	12.8	15.5	14.71	5.1	15.0	14.1	14.5	17.1	16.3	16.7
5	14.6	12.5	13.4	--	--	e16.6	16.0	13.7	14.7	13.2	12.4	12.7	17.4	15.01	6.1	17.4	14.0	15.5	17.6	16.2	16.9
6	15.5	12.1	13.7	--	--	e16.9	17.1	13.6	15.2	13.0	12.2	12.6	18.4	15.71	7.1	18.6	14.4	16.3	17.7	16.4	17.0
7	14.6	12.9	13.7	--	--	e17.2	15.4	13.6	14.5	15.7	12.4	13.9	17.9	14.71	6.1	16.6	13.7	14.9	17.7	15.3	16.6
8	13.5	12.3	12.9	--	--	e17.6	13.9	13.4	13.7	14.0	12.4	12.8	14.8	14.31	4.6	13.7	13.2	13.5	16.2	15.5	15.8
9	13.5	12.5	13.0	--	--	e17.9	15.0	13.9	14.5	13.0	12.3	12.6	15.5	14.61	5.1	14.5	13.2	13.7	16.2	15.2	15.7
10	14.5	12.7	13.6	--	--	e18.4	16.0	14.5	15.1	15.1	12.5	13.5	15.5	14.81	5.3	14.1	13.2	13.7	16.6	15.3	15.9
11	14.6	11.9	13.1	--	--	e18.7	16.4	13.9	14.9	13.4	11.9	12.6	16.8	14.21	5.4	16.6	12.4	14.3	16.3	14.9	15.7
12	15.4	12.2	13.7	--	--	e19.3	17.0	13.9	15.4	13.5	12.3	12.9	18.4	15.61	7.0	17.6	13.7	15.5	18.9	15.4	16.7
13	16.2	12.8	14.4	--	--	e19.7	17.6	14.6	16.0	13.6	12.7	13.1	20	17.21	8.6	19.2	14.9	16.8	18.9	16.4	17.5
14	20.8	13.2	15.7	21.2	18.5	e19.9	23.3	14.9	17.6	22.4	12.8	14.9	19.6	18.01	8.7	18.8	15.6	16.8	19.3	17.1	18.1
15	16.1	14.3	15.5	20.6	19.3	20.1	19.4	16.4	17.8	16.1	13.5	14.3	19.1	17.61	8.3	18.0	15.8	16.7	19.2	17.1	18.0
16	16.5	13.1	14.7	21.5	19.0	20.0	18.4	15.2	16.6	14.1	12.9	13.5	20	17.01	8.6	19.2	15.1	17.0	20.3	17.5	18.7
17	16.9	13.4	15.1	20.0	18.6	19.3	18.8	15.4	16.9	13.9	13.1	13.5	20.7	18.11	9.4	19.4	15.9	17.4	20.6	18.3	19.5
18	17.8	14.4	16.0	21.2	19.1	19.9	19.8	16.0	17.7	14.1	13.2	13.6	21.8	18.72	0.2	20.6	16.4	18.4	21.9	19.0	20.0
19	18.6	15.3	16.9	20.2	18.3	19.6	20.4	16.8	18.4	14.2	13.4	13.6	22.6	20.22	1.4	20.9	17.5	19.1	22.2	19.8	21.3
20	18.4	16.0	17.1	21.1	19.5	20.4	19.9	17.1	18.2	14.0	13.2	13.5	22.3	20.42	1.5	20.4	17.7	19.0	23.2	21.3	22.0
21	17.8	15.4	16.5	21.3	20.2	20.6	19.4	16.3	17.8	13.3	12.8	13.1	22.2	19.82	1.0	19.3	15.9	17.2	22.7	20.3	21.9
22	17.7	15.3	16.6	20.2	18.2	19.4	19.4	16.1	17.9	13.2	12.8	13.0	21.4	19.42	0.5	18.8	16.6	17.8	22.3	21.1	21.7
23	22.4	16.3	18.4	21.0	19.1	19.9	28.4	17.3	19.7	26.2	12.8	16.0	22.7	19.82	0.7	20.7	17.4	18.6	22.1	21.1	21.6
24	19.8	17.2	18.7	21.0	20.7	20.9	21.8	18.5	20.0	20.4	14.6	16.6	20.9	19.82	0.2	19.7	16.2	18.6	22.0	20.6	21.2
25	18.0	16.8	17.4	20.8	20.3	20.5	18.9	18.1	18.5	17.7	14.5	15.7	19.8	18.91	9.4	18.0	17.3	17.7	21.1	20.0	20.6
26	18.6	17.0	17.8	20.3	19.3	19.8	19.8	18.3	19.0	16.0	14.3	14.7	20.8	18.91	9.8	19.6	17.1	18.2	21.2	20.0	20.5
27	19.8	17.3	18.4	19.7	18.4	19.3	21.5	18.4	19.6	14.8	14.0	14.3	22.5	20.02	1.2	21.2	18.3	19.6	22.2	20.3	21.3
28	18.5	17.5	18.1	19.6	18.7	19.2	19.3	18.6	18.9	16.6	13.9	14.4	21.8	20.32	0.8	19.9	18.8	19.2	22.1	20.8	21.4
29	18.9	17.4	18.0	19.1	18.6	18.9	19.8	18.3	18.9	14.4	13.9	14.1	20.9	19.92	0.4	19.7	18.4	18.9	21.9	20.8	21.3
30	19.3	17.3	18.2	18.8	18.4	18.6	20.8	18.0	19.2	14.0	13.4	13.8	22.0	19.82	0.8	20.7	18.3	19.3	22.6	21.1	21.8
MONTH	**22.4**	**11.9**	**15.7**	**e21.5**	**e15.6**	**e18.8**	**28.4**	**13.2**	**17.0**	**26.2**	**11.8**	**13.7**	**22.7**	**14.21**	**8.6**	**21.2**	**12.4**	**16.9**	**23.2**	**14.9**	**19.1**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
										July											
1	19.0	16.0	17.5	18.4	17.8	18.2	21.0	16.7	18.7	13.5	13.1	13.3	21.8	19.2	20.6	20.2	17.9	19.1	22.0	21.0	21.5
2	19.4	17.3	18.3	17.8	17.3	17.6	21.1	18.1	19.5	13.5	13.2	13.3	21.6	20.0	20.8	20.2	18.3	19.2	22.4	21.0	21.6
3	20.0	18.1	18.9	18.1	17.2	17.6	22.1	18.8	20.2	13.3	13.0	13.2	23.2	20.4	21.6	21.1	18.9	19.9	23.1	21.4	22.2
4	23.4	17.8	19.6	17.6	17.0	17.2	21.4	18.6	19.6	18.0	12.9	13.6	22.0	20.7	21.4	20.5	19.3	19.8	23.3	22.0	22.6
5	20.3	17.8	19.0	17.1	16.7	16.9	20.4	18.8	19.5	13.6	12.8	13.1	21.3	20.2	20.8	19.8	19.0	19.4	24.8	20.7	22.8
6	18.8	17.1	17.9	16.9	16.4	16.7	20.3	18.1	19.1	18.1	12.8	13.9	20.5	19.1	19.9	19.8	18.3	19.0	25.2	20.0	22.6
7	18.4	15.7	17.1	16.9	16.3	16.6	21.1	16.6	18.8	13.1	12.7	12.9	21.2	18.1	19.7	20.1	17.4	18.7	23.7	21.4	22.5
8	18.3	16.1	17.2	16.9	16.4	16.6	20.9	17.5	19.1	13.1	12.7	12.9	20.9	18.9	19.9	19.9	18.2	19.1	23.1	21.9	22.5
9	18.7	16.2	17.5	16.8	16.3	16.5	22.2	17.5	19.7	13.2	12.7	12.9	21.6	18.8	20.2	20.4	18.0	19.2	23.9	22.0	23.0
10	19.2	17.0	18.1	17.0	16.3	16.5	22.3	18.3	20.0	13.3	12.8	13.0	21.9	19.5	20.7	19.9	18.3	19.1	23.8	22.3	23.0
11	22.8	17.5	19.3	17.0	16.2	16.6	22.1	18.7	19.7	23.0	12.8	14.3	21.4	19.9	20.5	19.5	18.2	18.9	23.6	22.1	22.9
12	22.2	18.7	20.0	16.9	16.4	16.7	23.2	19.4	20.7	24.3	13.1	16.4	21.4	19.4	20.0	21.2	18.5	19.6	23.5	21.9	22.7
13	21.2	18.0	19.4	16.9	16.3	16.7	21.9	19.4	20.6	20.0	13.7	15.4	20.2	19.3	19.9	21.2	19.7	20.4	23.2	21.6	22.3
14	20.4	17.3	18.8	16.9	16.3	16.6	23.2	18.7	20.7	13.7	13.2	13.4	22.2	18.6	20.3	21.8	18.5	20.0	24.3	21.4	22.8
15	19.6	18.1	18.9	16.9	16.4	16.7	22.2	19.5	20.7	13.2	12.9	13.1	21.8	20.5	21.2	21.8	20.4	21.1	24.1	22.4	23.2
16	20.0	17.9	19.0	18.2	16.5	17.3	23.5	19.4	21.2	13.2	12.8	13.0	23.4	20.1	21.6	22.3	20.1	21.2	24.3	22.5	23.3
17	20.7	18.3	19.4	18.2	17.2	17.6	24.5	19.7	21.8	13.2	12.8	13.0	24.4	21.2	22.7	23.6	20.4	22.2	26.1	22.9	24.2
18	21.1	18.8	19.8	18.2	17.4	17.7	24.9	20.2	22.2	13.3	12.9	13.1	24.9	22.2	23.5	22.3	20.7	21.5	26.4	23.5	25.0
19	21.5	18.2	19.8	18.6	17.5	18.1	22.9	19.4	21.1	23.4	13.1	15.9	24.2	21.8	23.1	23.7	20.4	22.3	26.4	24.1	25.0
20	18.4	16.9	17.7	18.3	17.7	17.9	20.8	18.4	19.6	13.6	12.9	13.1	22.2	20.2	21.0	21.4	19.9	20.5	25.4	24.0	24.7
21	24.6	17.6	19.3	18.0	17.4	17.7	27.6	19.7	21.9	26.4	12.9	15.7	24.4	20.3	21.5	23.9	20.0	21.1	25.9	23.5	24.5
22	22.1	19.4	20.2	17.9	17.5	17.7	24.0	21.7	22.3	20.8	14.6	16.1	22.0	21.1	21.4	22.2	21.2	21.5	25.3	23.3	24.2
23	20.2	18.3	19.5	17.8	17.5	17.7	22.6	19.9	21.5	22.8	14.4	17.2	21.9	20.8	21.5	21.9	20.6	21.3	24.8	22.9	23.9
24	19.2	16.8	18.0	17.9	17.4	17.6	22.3	18.6	20.3	14.5	13.7	14.0	22.6	19.6	21.0	22.3	19.3	20.7	24.8	22.8	24.0
25	19.7	17.1	18.3	17.8	17.2	17.5	22.7	19.0	20.7	14.5	13.4	13.8	22.6	20.2	21.4	22.1	19.8	20.9	24.9	23.2	24.0
26	20.1	17.5	18.8	17.8	17.4	17.5	23.1	19.4	21.1	13.9	13.4	13.6	23.3	20.7	21.9	21.9	19.8	20.9	24.9	23.3	24.1
27	20.5	18.1	19.3	17.8	17.4	17.5	23.3	19.8	21.4	13.9	13.3	13.5	23.6	21.1	22.3	21.6	19.9	20.8	25.4	23.6	24.5
28	24.8	18.8	20.6	18.2	17.4	17.7	26.6	20.7	22.5	26.4	13.3	15.5	24.8	21.8	22.9	24.3	20.3	21.2	25.4	23.8	24.6
29	22.6	20.0	21.1	19.0	17.5	18.3	24.2	21.7	23.0	19.1	13.9	14.9	24.6	21.8	23.1	22.6	20.8	21.6	25.4	23.6	24.7
30	20.5	18.6	19.8	19.4	18.4	18.8	23.1	20.3	21.8	13.9	13.6	13.8	24.4	22.5	23.4	21.8	19.8	21.1	25.1	24.0	24.4
31	19.4	17.4	18.5	18.9	18.4	18.7	22.6	19.3	20.9	13.8	13.3	13.6	23.4	20.9	22.2	20.3	18.9	19.6	25.4	23.8	24.6
MONTH	**24.8**	**15.7**	**18.9**	**19.4**	**16.2**	**17.4**	**27.6**	**16.6**	**20.6**	**26.4**	**12.7**	**14.0**	**24.9**	**18.1**	**21.4**	**24.3**	**17.4**	**20.4**	**26.4**	**20.0**	**23.5**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
August																					
1	20.6	18.3	19.4	18.9	18.4	18.6	23.8	20.5	21.9	13.8	13.4	13.5	24.2	21.7	22.7	21.1	19.2	20.1	25.8	24.0	24.9
2	22.2	19.5	20.7	19.0	18.4	18.7	25.3	21.4	23.0	13.9	13.5	13.7	25.9	22.6	24.0	22.1	19.7	20.7	26.3	24.6	25.5
3	21.7	19.1	20.5	18.8	17.5	18.2	24.4	20.9	22.5	13.8	13.4	13.6	25.4	23.2	24.2	21.1	18.2	19.7	26.5	25.0	25.8
4	21.0	17.5	19.5	18.0	17.6	17.8	21.9	20.1	20.9	21.8	13.2	14.9	23.4	20.8	22.0	19.4	17.4	18.5	25.8	24.5	25.1
5	20.0	18.3	19.1	18.3	17.5	17.7	23.0	19.9	21.2	13.8	13.4	13.5	22.9	19.8	21.3	19.8	17.6	18.9	26.1	24.1	25.0
6	18.8	16.5	17.8	18.2	17.4	17.7	22.3	18.0	20.1	13.5	13.1	13.3	22.2	19.0	20.7	18.2	16.0	17.2	25.4	24.3	24.9
7	20.1	17.3	18.7	18.0	17.4	17.6	22.5	19.3	20.9	18.4	13.2	14.3	21.5	19.4	20.6	18.8	16.6	17.6	25.1	24.2	24.7
8	20.0	17.4	19.0	17.9	17.4	17.6	22.7	19.2	21.2	14.2	13.8	14.0	22.6	20.3	21.3	18.7	16.6	17.8	25.5	24.1	24.8
9	18.2	15.8	17.2	17.8	17.3	17.6	22.1	17.6	19.7	15.0	13.7	14.0	21.8	18.6	20.2	17.7	15.4	16.6	25.7	23.9	24.6
10	18.7	16.1	17.4	18.1	17.4	17.7	22.3	18.2	20.0	14.4	13.9	14.2	20.9	18.7	19.9	18.2	15.9	16.9	24.9	23.5	24.2
11	17.6	15.7	16.7	18.6	17.7	18.1	20.8	17.5	19.1	14.3	13.9	14.0	20.6	18.5	19.6	16.9	15.1	16.1	24.7	23.2	23.9
12	16.3	14.1	15.3	18.4	17.5	18.0	20.0	15.6	17.8	14.0	13.5	13.8	19.9	17.2	18.6	16.1	13.7	15.0	23.9	22.6	23.4
13	16.2	13.4	14.9	18.6	17.7	18.1	20.0	15.0	17.4	14.0	13.5	13.7	19.6	16.9	18.3	16.2	13.3	14.8	23.5	22.3	22.9
14	17.5	13.9	15.9	18.3	17.8	18.1	21.5	15.6	18.6	14.4	13.6	14.0	20.0	17.1	18.7	17.2	13.8	15.6	23.1	22.0	22.7
15	20.8	16.6	19.1	18.8	18.0	18.4	21.6	19.6	20.6	21.5	14.3	16.6	20.1	19.0	19.7	18.8	16.3	17.4	23.1	21.9	22.5
16	18.9	16.9	18.0	19.0	18.3	18.6	22.2	18.4	20.1	14.8	14.4	14.6	21.2	18.4	19.8	22.4	15.9	18.5	23.8	21.7	22.8
17	18.3	16.0	17.3	18.9	17.5	18.3	21.8	17.9	19.8	14.6	14.2	14.4	21.1	18.5	19.8	17.8	15.7	16.6	23.6	22.3	22.8
18	18.3	16.5	17.4	18.1	17.7	17.9	21.8	18.5	20.0	14.7	14.3	14.4	20.8	18.8	19.8	17.6	15.4	16.3	23.6	22.4	23.0
19	18.5	16.4	17.6	18.3	17.7	18.0	21.9	18.2	20.0	14.6	14.2	14.4	20.7	18.6	19.7	17.6	15.1	16.3	23.4	22.1	22.8
20	20.7	17.0	19.6	19.5	17.7	18.2	21.5	19.7	20.6	21.9	14.4	17.2	21.3	19.3	20.3	20.2	16.1	17.8	23.6	21.8	22.8
21	19.8	17.4	18.5	18.7	17.9	18.3	20.9	18.8	20.1	18.2	14.7	15.2	21.5	19.3	20.1	21.8	18.1	19.8	23.2	21.9	22.6
22	18.4	16.4	17.5	18.8	18.1	18.4	21.6	18.0	19.6	14.9	14.4	14.6	21.1	18.2	19.6	19.7	16.8	18.3	23.3	21.8	22.6
23	18.6	16.5	17.4	19.3	17.7	18.5	21.2	18.4	19.5	14.8	14.5	14.6	21.0	18.8	19.9	18.6	16.6	17.7	23.0	22.0	22.5
24	17.4	15.9	16.6	19.1	18.3	18.7	20.1	17.9	18.7	14.6	14.3	14.4	20.4	18.5	19.4	17.4	15.9	16.5	22.7	21.8	22.3
25	19.2	15.8	17.6	19.0	18.5	18.7	19.3	17.9	18.4	19.5	14.4	16.8	19.5	17.7	18.4	17.4	15.9	16.8	22.6	21.2	21.8
26	17.7	16.0	16.8	19.4	18.6	18.8	19.5	17.4	18.3	15.1	14.6	14.7	19.5	17.1	18.2	18.3	16.0	17.1	21.9	21.1	21.5
27	16.8	15.1	15.8	--	--	e18.9	18.5	16.4	17.1	16.8	14.3	14.9	18.5	16.3	17.3	16.9	15.3	15.8	21.8	20.5	21.2
28	16.8	15.7	16.3	--	--	e18.9	18.1	16.3	17.2	16.4	14.6	15.0	17.8	16.2	16.9	18.7	15.9	17.0	21.7	20.6	21.1
29	16.7	15.6	16.0	--	--	e18.9	18.1	16.9	17.4	17.8	14.4	15.3	17.5	16.5	17.0	17.6	16.4	16.7	21.3	20.0	20.5
30	17.6	15.6	16.5	--	--	e18.9	19.7	17.3	18.3	14.9	14.5	14.7	18.7	16.4	17.4	20.0	16.2	17.7	21.5	20.0	20.7
31	16.7	14.6	15.8	--	--	e18.9	18.9	15.7	17.3	14.6	14.0	14.4	18.1	16.2	17.2	18.4	15.1	16.8	21.7	20.2	20.9
MONTH	**22.2**	**13.4**	**17.6**	**e19.5**	**e17.3**	**e18.3**	**25.3**	**15.0**	**19.6**	**21.9**	**13.1**	**14.5**	**25.9**	**16.2**	**19.8**	**22.4**	**13.3**	**17.4**	**26.5**	**20.0**	**23.1**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
September																					
1	16.7	14.7	15.8	--	--	e18.9	18.7	16.1	17.4	14.6	14.1	14.4	17.7	15.8	16.8	17.7	15.4	16.6	21.1	20.2	20.6
2	15.9	15.4	15.6	--	--	e18.9	17.4	16.7	17.1	14.5	14.4	14.4	16.9	16.2	16.5	16.8	15.9	16.3	20.7	19.7	20.2
3	18.2	15.4	17.0	--	--	e18.9	18.6	16.6	17.7	18.9	14.4	16.5	17.2	16.0	16.6	17.6	15.6	16.6	20.1	19.2	19.6
4	18.0	16.8	17.4	--	--	e18.9	19.5	17.6	18.4	15.9	14.8	15.0	18.8	16.9	17.8	19.4	16.6	17.8	20.3	19.1	19.7
5	16.9	15.7	16.5	--	--	e18.9	18.5	16.6	17.6	15.0	14.5	14.7	17.8	16.6	17.3	18.4	16.3	17.4	20.3	19.2	19.7
6	17.4	16.3	16.8	--	--	e18.9	19.1	17.4	18.1	15.0	14.6	14.7	18.4	17.0	17.6	19.0	16.9	17.8	20.5	19.3	19.8
7	17.8	15.9	16.9	--	--	e18.9	19.7	16.6	18.0	14.9	14.4	14.6	18.8	16.6	17.7	19.3	16.4	17.7	20.6	19.2	19.9
8	17.9	15.7	16.9	--	--	e18.9	20.2	16.5	18.1	14.9	14.4	14.6	18.8	16.3	17.6	19.2	16.2	17.8	21.2	19.5	20.3
9	18.5	16.2	17.3	--	--	e18.9	20.8	16.9	18.6	14.9	14.5	14.7	19.4	16.5	18.0	19.4	16.9	18.2	21.5	19.7	20.5
10	17.4	15.2	16.2	--	--	e18.9	18.2	15.6	17.1	14.7	14.2	14.4	18.8	16.7	17.5	18.3	15.2	16.5	21.2	19.7	20.4
11	15.2	13.1	14.2	--	--	e18.9	16.7	13.7	15.3	14.3	13.8	14.0	16.7	14.5	15.6	15.2	13.2	14.4	20.4	19.2	19.8
12	13.7	11.3	12.7	--	--	e18.8	17.0	13.0	14.7	14.6	13.4	13.9	15.3	12.5	14.0	14.6	12.0	13.3	20.2	19.0	19.6
13	13.6	11.6	12.7	--	--	e18.8	16.2	12.6	14.6	14.2	13.4	13.9	14.4	12.4	13.5	14.3	11.9	13.3	19.8	19.0	19.4
14	17.8	13.1	14.6	18.8	18.4	18.6	18.8	14.8	16.4	19.5	14.0	15.5	17.9	14.4	15.8	16.4	13.6	14.8	19.7	18.7	19.1
15	17.2	16.1	16.7	19.8	18.2	19.1	18.6	17.0	17.8	15.7	14.7	14.9	18.0	16.3	17.1	17.8	16.0	16.8	19.5	18.3	18.9
16	17.2	15.0	16.2	19.7	19.3	19.5	19.5	15.7	17.5	14.8	14.3	14.6	19.7	16.6	18.1	18.5	15.4	16.9	20.2	18.6	19.2
17	17.2	15.2	16.3	19.7	19.4	19.5	19.8	16.0	17.7	14.8	14.3	14.6	19.9	17.7	18.8	18.7	16.2	17.5	21.5	19.0	19.8
18	18.1	15.8	16.9	19.6	19.4	19.5	20.5	16.9	18.4	14.9	14.5	14.7	20.4	18.5	19.4	19.1	16.9	18.0	21.3	19.5	20.5
19	21.7	16.6	17.8	19.6	19.2	19.4	20.3	17.5	18.7	20.8	14.6	15.4	20.2	19.0	19.7	19.2	17.5	18.3	21.4	19.8	20.5
20	21.6	16.4	18.8	19.8	19.2	19.5	20.4	16.6	18.9	20.8	14.6	15.8	20.2	18.2	19.2	19.3	16.8	18.1	21.1	19.8	20.4
21	16.4	13.9	15.1	19.6	19.2	19.4	17.1	14.1	15.8	14.6	13.9	14.2	18.2	16.6	17.4	16.8	14.2	14.9	20.3	19.0	19.7
22	14.6	12.5	13.7	19.5	19.1	19.3	17.3	13.0	15.0	14.3	13.6	14.0	17.4	15.2	16.4	15.2	12.6	14.1	19.8	18.7	19.3
23	15.9	13.9	14.9	19.4	19.1	19.3	17.8	15.4	16.5	16.1	14.1	14.5	17.3	16.5	16.9	15.9	14.5	15.2	19.5	18.4	18.9
24	18.1	15.4	16.5	19.5	19.2	19.3	19.8	17.1	18.1	14.9	14.5	14.7	19.0	17.0	17.9	18.0	15.9	16.7	19.9	18.0	19.0
25	16.4	14.3	15.5	19.6	19.1	19.3	17.7	14.4	16.4	14.5	13.9	14.3	18.2	16.8	17.6	16.4	14.0	15.5	19.6	18.3	19.0
26	15.0	13.1	14.2	19.2	18.9	19.1	17.4	13.4	15.1	14.2	13.6	14.0	17.7	15.7	16.6	15.1	13.3	14.1	19.5	18.1	18.7
27	14.2	11.1	13.4	19.1	18.7	18.9	17.4	12.3	14.8	14.3	13.3	13.8	17.4	15.0	16.3	14.5	11.6	13.3	19.6	16.7	18.7
28	14.5	12.4	13.7	19.2	18.6	18.8	17.6	13.4	15.4	14.9	13.6	14.1	17.6	15.4	16.6	15.2	12.5	13.9	19.9	17.2	18.3
29	15.0	12.7	14.3	19.1	18.6	18.9	17.1	13.8	16.1	17.8	13.8	14.6	17.6	16.0	17.1	15.6	12.6	14.6	19.8	17.1	18.2
30	12.7	10.9	12.1	18.6	18.2	18.4	15.6	11.4	13.7	14.0	13.2	13.6	16.4	14.4	15.6	13.5	10.8	12.4	19.7	16.9	18.2
MONTH	**21.7**	**10.9**	**15.6**	**e19.8**	**e18.2**	**e19.0**	**20.8**	**11.4**	**16.8**	**20.8**	**13.2**	**14.6**	**20.4**	**12.4**	**17.1**	**19.4**	**10.8**	**16.0**	**21.5**	**16.7**	**19.5**

Table 9. Daily, monthly, and annual statistics for water temperature for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in degrees Celsius. e, estimated; --, no data, MAX, maximum; MIN, minimum]

Annual statistics	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 Waltham (01104460)			Stony Brook Reservoir, unnamed tributary near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
YEAR	24.8	-0.3	10.5	21.5	1.5	e11.4	28.4	-0.2	11.4	e26.4	e3.8	e12.8	25.9	-0.1	e11.1	24.3	0.2	11.2	26.5	0.0	12.2
RECORD QUALITY	Excellent[1]			Excellent[2,3]			Excellent[4]			Excellent[2]			Excellent[2]			Excellent			Good[5]		

[1] Daily values after 03/13/06 are rated as fair.

[2] Daily values that are estimated are rated as poor.

[3] Daily values prior to 02/16/06 are rated as good; records between 02/16/06 and 06/15/06 are rated as fair.

[4] Daily values prior to 11/08/05 are rated as poor.

[5] Daily values prior to 11/23/05 are rated as poor.

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
October																					
1	2660	2060	2450	815	799	805	1010	661	787	--	--	--	--	--	e774	308	303	306	736	724	730
2	2800	2490	2720	812	797	804	1280	1010	1190	--	--	--	--	--	e838	311	307	308	739	727	732
3	2890	2480	2770	813	796	807	1560	1280	1440	--	--	--	--	--	e780	316	307	311	745	730	736
4	2830	2560	2760	816	803	809	1760	1560	1670	--	--	--	--	--	e806	316	310	312	744	736	740
5	2850	2560	2770	817	798	807	1940	1740	1840	--	--	--	--	--	e831	316	311	312	753	740	744
6	2820	2630	2760	819	802	812	1990	1860	1930	--	--	--	--	--	e843	318	311	313	763	749	754
7	2830	2720	2790	814	798	803	2120	1980	2040	--	--	--	--	--	e330	318	313	315	765	758	762
8	2770	514	1030	807	800	803	2060	204	751	--	--	--	--	--	e392	315	116	224	766	746	761
9	1390	528	984	807	799	803	392	190	236	--	--	--	--	--	e350	232	99	200	766	739	747
10	1560	1160	1360	804	796	801	1160	392	775	--	--	--	--	--	e468	238	223	233	740	734	737
11	1460	1190	1270	805	790	803	967	655	826	--	--	--	--	--	e667	239	217	234	737	732	735
12	1520	1020	1260	804	795	800	774	492	594	--	--	--	--	--	e316	237	187	227	732	728	730
13	2210	1520	1880	800	792	797	1210	743	1000	--	--	--	--	--	e292	246	237	241	729	725	727
14	2280	701	1470	799	687	781	1420	231	780	--	--	--	--	--	e376	246	153	219	745	721	728
15	958	595	721	697	599	659	231	183	197	--	--	--	--	--	e297	180	127	154	732	703	713
16	1290	945	1110	749	697	730	347	222	252	--	--	--	--	--	e271	205	180	196	712	702	707
17	1440	1270	1360	768	746	754	1320	347	806	--	--	--	--	--	e282	249	197	210	705	700	702
18	1590	1440	1510	773	751	765	1630	1320	1520	--	--	--	--	--	e283	480	216	260	706	699	702
19	1670	1530	1630	782	771	776	1760	1620	1680	--	--	--	--	--	e288	248	232	241	703	698	700
20	1770	1670	1730	792	775	784	1780	1730	1760	--	--	--	--	--	e365	258	248	254	702	694	697
21	1910	1740	1820	789	785	787	1850	1750	1800	--	--	--	--	--	e408	257	254	256	697	693	695
22	1930	1650	1890	788	778	785	1880	1380	1780	--	--	--	--	--	e399	261	232	256	695	691	694
23	1670	903	1150	781	775	777	1600	268	434	--	--	--	--	--	e338	232	159	212	692	683	685
24	1590	1320	1510	778	772	775	1150	538	885	--	--	--	--	--	e313	232	205	226	686	681	684
25	1480	810	944	774	743	757	1200	218	385	--	--	--	--	--	e314	206	150	180	682	667	673
26	1290	997	1160	754	749	751	292	223	249	--	--	--	--	--	e280	218	174	205	672	665	668
27	1410	1290	1360	752	747	749	608	292	423	--	--	--	--	--	e282	232	202	225	669	665	667
28	1520	1260	1440	752	745	748	1070	608	882	--	--	--	--	--	e286	238	229	235	667	661	664
29	1570	1400	1530	747	736	742	1620	976	1320	--	--	--	--	--	e295	241	221	236	662	659	660
30	1530	1390	1460	742	732	739	976	772	869	--	--	--	--	--	e298	241	235	238	662	650	656
31	1720	1530	1620	738	731	734	1370	858	1120	--	--	--	--	--	e301	248	239	244	651	645	648
MONTH	**2890**	**514**	**1680**	**819**	**599**	**776**	**2120**	**183**	**1040**	**--**	**--**	**--**	**--**	**--**	**e431**	**480**	**99**	**245**	**766**	**645**	**709**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
November																					
1	1720	1700	1710	734	729	731	1650	1330	1520	--	--	--	--	--	e322	253	244	249	646	634	642
2	1770	1720	1750	734	728	731	1730	1540	1680	--	--	--	--	--	e349	254	246	250	640	627	634
3	1800	1770	1780	732	726	729	1800	1650	1730	--	--	--	--	--	e358	257	253	255	629	624	627
4	1890	1800	1830	730	724	727	1860	1730	1800	--	--	e1330	--	--	e370	260	257	259	624	610	618
5	1930	1890	1910	730	725	728	1920	1820	1870	--	--	--	373	364	367	261	257	260	619	612	616
6	1970	1830	1950	727	721	726	1930	883	1880	--	--	--	466	367	378	261	245	260	612	609	611
7	1830	666	1080	729	720	726	1970	1230	1520	--	--	--	382	364	374	266	245	260	612	589	602
8	1970	919	1580	723	719	721	1410	1230	1330	--	--	e1400	454	378	402	261	257	259	595	579	590
9	2030	1810	2000	721	717	719	1580	706	1460	--	--	--	485	389	465	261	211	258	588	575	580
10	1810	613	1140	719	712	715	1510	352	562	--	--	--	438	363	430	250	202	244	592	577	583
11	1780	1520	1670	714	707	711	1020	541	773	--	--	--	442	436	438	253	250	252	584	570	578
12	1950	1780	1880	710	705	707	1360	1020	1200	--	--	--	455	442	449	255	251	253	571	565	568
13	2000	1940	1960	707	701	704	1550	1360	1460	--	--	--	462	454	458	258	254	255	571	563	567
14	2120	1980	2030	706	698	702	1720	1550	1630	--	--	e1330	470	462	465	259	255	257	--	--	e559
15	2160	1960	2120	703	696	699	1770	1610	1740	--	--	--	478	469	473	260	251	259	--	--	e551
16	2510	622	1750	700	693	698	1840	745	1690	--	--	e1150	483	408	465	259	210	253	--	--	e542
17	1420	477	970	697	691	695	1290	319	467	--	--	e1040	433	415	428	244	226	239	--	--	e536
18	1710	1420	1580	695	689	692	823	496	624	--	--	--	432	427	429	251	244	248	--	--	e530
19	1880	1710	1790	691	685	688	1210	823	1020	--	--	--	446	432	438	254	250	252	--	--	e525
20	1970	1880	1900	688	683	686	1510	1210	1360	--	--	--	457	446	452	256	254	255	--	--	e520
21	2010	1630	1970	687	682	685	1650	1510	1590	--	--	--	461	439	456	258	233	256	--	--	e515
22	1630	270	557	686	664	673	1510	139	470	--	--	--	441	313	341	233	159	191	--	--	e510
23	1100	666	933	673	666	669	176	169	172	--	--	--	322	291	308	218	197	210	--	--	e504
24	5390	1100	2220	669	662	666	2470	174	393	--	--	--	463	287	324	217	209	213	510	489	500
25	1630	1510	1530	666	658	661	608	359	531	--	--	--	324	307	312	227	217	222	507	495	499
26	1540	1520	1530	660	655	657	778	586	675	--	--	--	335	314	322	233	227	231	509	492	502
27	1590	1540	1560	659	653	656	1080	778	919	--	--	--	346	335	342	235	233	234	512	497	505
28	1610	1570	1590	659	654	656	1280	1080	1190	--	--	--	350	346	348	237	233	236	516	501	508
29	1610	1590	1600	659	654	657	1400	1280	1340	--	--	--	351	350	350	239	237	238	521	504	513
30	2600	394	947	661	654	658	1430	328	718	--	--	--	353	308	335	239	162	205	525	504	513
MONTH	**5390**	**270**	**1630**	**734**	**653**	**696**	**2470**	**139**	**1180**	**--**	**--**	**--**	**485**	**287**	**e392**	**266**	**159**	**244**	**e646**	**e489**	**e555**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
December																					
1	1040	689	918	669	657	663	366	315	336	--	--	--	326	314	319	213	196	204	522	505	512
2	1220	1030	1120	680	667	674	473	335	381	--	--	--	317	303	309	222	213	217	523	493	506
3	1350	1220	1290	691	678	684	666	473	567	--	--	--	326	315	322	229	221	225	504	493	499
4	4440	1350	2470	698	688	694	984	666	836	--	--	--	674	326	445	255	227	232	510	497	502
5	4450	2090	2910	708	697	702	1270	925	1020	--	--	--	471	376	398	311	238	256	513	494	502
6	2140	1740	1840	710	706	708	2090	1270	1610	--	--	--	376	370	372	e239	e238	e238	511	493	502
7	1840	1530	1710	712	706	709	2200	2090	2170	--	--	e1120	375	373	374	e240	e237	e238	504	495	499
8	1890	1830	1860	712	705	710	2230	2130	2170	--	--	--	381	374	376	242	239	241	506	490	499
9	2830	1800	2060	713	704	709	2200	2040	2080	--	--	--	419	381	390	243	225	237	508	492	501
10	4570	2050	3150	711	707	709	2040	1870	1950	--	--	--	656	419	528	239	234	236	506	493	499
11	3290	2480	2740	713	707	710	4090	2010	2750	--	--	--	451	408	430	238	234	235	506	495	501
12	2680	2250	2410	713	708	710	4130	3750	3940	--	--	--	408	391	399	257	235	239	502	490	496
13	2390	2160	2240	715	709	712	3750	2980	3290	--	--	--	424	392	406	238	236	237	498	486	493
14	2210	2150	2170	717	710	713	2980	2840	2890	--	--	--	429	396	414	242	238	241	499	484	491
15	2250	2140	2190	720	715	718	2840	2210	2690	--	--	e1310	434	429	432	246	242	245	509	486	497
16	14400	1760	3580	719	713	716	2550	1580	2140	--	--	--	881	433	680	655	240	348	514	494	504
17	1760	1640	1690	721	716	718	1710	1600	1680	--	--	--	893	785	833	271	243	251	510	491	500
18	1640	1510	1560	721	717	719	1700	1610	1680	--	--	--	790	697	752	243	239	241	507	492	499
19	1630	1540	1580	723	717	720	1610	1530	1570	--	--	e1150	698	670	683	242	239	240	507	486	497
20	1740	1630	1680	724	718	721	1540	1500	1530	--	--	--	675	534	627	242	240	241	508	490	496
21	1820	1740	1770	729	721	723	1800	1490	1620	--	--	--	534	477	487	244	241	243	508	488	497
22	1830	1790	1810	729	724	727	1920	1800	1850	--	--	--	489	487	488	245	243	244	511	491	499
23	1850	1780	1810	733	727	730	1950	1840	1880	--	--	--	487	485	486	245	243	244	513	494	503
24	1880	1730	1790	736	730	733	2010	1750	1920	--	--	--	488	485	486	243	241	242	515	500	508
25	3300	1690	1820	740	733	736	1780	1560	1710	--	--	--	488	480	486	245	237	241	516	504	510
26	2080	581	919	740	736	738	1610	587	806	--	--	--	480	381	425	239	204	218	523	495	515
27	1170	744	1010	745	738	742	1270	580	899	--	--	--	381	334	354	219	213	217	507	487	495
28	1290	1170	1240	748	741	745	1480	1270	1390	--	--	--	347	334	339	217	215	216	508	485	495
29	2110	1100	1360	756	745	751	2270	1480	1750	--	--	--	448	347	385	254	208	216	509	493	501
30	1260	1060	1170	760	748	752	1780	1320	1430	--	--	--	398	349	366	217	207	212	510	492	502
31	1360	1260	1330	759	746	755	1750	1470	1630	--	--	--	353	350	351	221	217	220	510	493	503
MONTH	**14400**	**581**	**1850**	**760**	**657**	**718**	**4130**	**315**	**1750**	**--**	**--**	**--**	**893**	**303**	**456**	**e655**	**e196**	**e237**	**523**	**484**	**501**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
January																					
1	4030	1350	2970	752	742	747	5310	1750	2750	--	--	--	816	352	697	227	218	220	513	498	505
2	2920	1780	2010	757	747	751	5320	3420	4380	--	--	--	771	523	668	223	221	222	514	501	508
3	10100	2920	5870	759	745	754	8070	3230	4500	--	--	--	852	497	725	297	216	246	518	503	511
4	2950	2010	2290	752	741	748	3290	2690	2860	--	--	--	822	751	778	240	230	233	525	502	511
5	5050	1920	3000	752	744	748	5160	2610	3110	--	--	--	753	598	686	382	229	270	525	508	516
6	3030	2040	2270	759	745	752	5440	3160	4100	--	--	--	598	474	519	236	233	235	525	510	518
7	2040	1970	2000	750	744	747	3160	2670	2850	--	--	--	475	468	469	233	232	232	518	499	509
8	3680	1980	2520	754	748	751	2700	2590	2650	--	--	--	489	469	473	244	231	235	520	505	513
9	3110	2220	2530	758	748	753	3160	2600	2980	--	--	--	489	480	484	241	232	235	535	439	518
10	2360	2100	2180	758	747	753	3040	2280	2740	--	--	e1020	522	484	497	234	232	233	532	519	526
11	4000	1700	2060	766	754	761	5010	2200	2520	--	--	--	537	522	531	266	232	235	536	514	529
12	5470	1360	1760	769	759	765	3210	1380	1660	--	--	--	538	488	516	333	221	231	537	524	531
13	1520	1470	1490	771	764	767	2020	846	1770	--	--	--	529	491	508	224	220	222	537	528	531
14	2830	862	1320	775	763	769	2080	559	1260	--	--	--	534	529	533	223	199	211	538	525	532
15	11000	762	5360	775	748	760	5880	580	3170	--	--	--	655	481	562	322	186	228	536	506	524
16	3140	2080	2550	770	753	761	6370	3170	4310	--	--	--	486	436	449	262	231	237	516	502	508
17	2440	1870	2070	769	759	764	3480	2480	2920	--	--	--	447	434	438	313	233	249	517	500	509
18	5360	691	2190	767	761	764	3620	783	1940	--	--	--	513	444	470	342	203	253	535	508	521
19	1170	969	1120	768	759	764	1770	1080	1440	--	--	--	524	511	519	230	218	224	532	513	522
20	1180	1140	1160	770	763	766	1940	1770	1850	--	--	--	521	477	512	223	208	217	531	512	520
21	1220	1130	1170	775	762	768	2010	1930	1960	--	--	--	477	408	428	223	208	218	528	509	520
22	1260	1210	1240	774	767	770	2070	2010	2040	--	--	--	431	408	415	226	222	225	520	506	512
23	6630	1210	2780	777	767	771	3780	1880	2250	--	--	--	609	431	494	304	217	240	522	505	514
24	3090	1840	2250	e776	e747	755	4350	2880	3520	--	--	--	495	461	469	291	234	255	522	511	515
25	7380	1610	4710	714	692	752	6500	2560	3960	--	--	e2950	860	462	584	658	232	326	522	511	517
26	3000	1800	2150	781	770	775	3170	2080	2360	--	--	--	486	480	483	280	247	256	522	503	513
27	1810	1570	1700	e782	e754	764	2160	1990	2060	--	--	--	500	483	492	247	242	245	512	499	505
28	1650	1420	1590	e787	e758	773	2180	1860	2120	--	--	--	499	494	497	244	241	243	516	501	507
29	3260	1280	1640	e786	e761	768	1900	1090	1560	--	--	--	620	493	516	551	240	275	517	505	511
30	1290	1210	1250	792	781	788	1610	1020	1330	--	--	--	533	458	488	255	237	242	520	506	513
31	2870	1210	1690	e793	e771	787	2370	1610	1860	--	--	--	662	456	508	353	234	243	523	507	514
MONTH	**11000**	**691**	**2290**	**e793**	**e692**	**762**	**8070**	**559**	**2610**	**--**	**--**	**--**	**860**	**352**	**529**	**658**	**186**	**240**	**538**	**439**	**516**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
February																					
1	2950	1430	1930	e794	e772	775	3320	1810	2880	--	--	--	501	466	473	494	237	272	523	505	515
2	1440	1290	1350	e799	e774	782	2650	2190	2300	--	--	--	478	468	474	240	236	238	522	509	516
3	4060	703	1340	801	794	797	2340	816	1640	--	--	--	755	443	518	594	219	255	526	511	518
4	1470	642	1140	e808	e779	801	1650	699	1390	--	--	--	459	396	423	225	201	217	523	508	518
5	979	507	769	e804	e779	792	1150	549	713	--	--	--	411	376	390	217	189	206	523	508	516
6	1140	972	1060	e792	e777	780	1670	1150	1480	--	--	--	394	375	383	221	217	218	515	495	503
7	1220	1040	1160	e810	e790	798	1830	1670	1750	--	--	--	418	394	406	221	210	218	505	493	500
8	1260	1190	1220	e809	e792	794	1870	1820	1850	--	--	--	438	417	429	213	198	205	506	493	499
9	1310	1230	1280	808	761	794	1930	1870	1900	--	--	--	451	438	446	206	197	201	506	491	498
10	1380	1280	1350	e771	e761	764	1980	1930	1960	--	--	--	461	451	456	213	206	210	505	490	496
11	1450	1370	1410	e765	e763	764	2010	1980	2000	--	--	--	477	461	471	219	213	217	503	490	497
12	1600	1390	1490	e768	e765	767	2040	2010	2030	--	--	--	487	477	482	219	215	217	502	491	497
13	2580	1480	1990	e767	e767	767	2240	1980	2060	--	--	--	515	487	502	371	218	237	508	486	498
14	2350	1590	1810	e768	e766	767	3100	2240	2850	--	--	--	500	494	497	239	225	229	507	492	499
15	4050	1580	2240	e770	e768	769	3170	2560	2950	--	--	--	525	495	504	257	225	232	506	493	501
16	2260	1360	1740	e773	e769	771	2560	2200	2310	--	--	--	507	491	500	261	224	237	512	495	504
17	3030	1380	1650	e773	e764	768	2860	2010	2300	--	--	--	1030	464	496	453	242	261	515	493	508
18	1610	1440	1510	e775	e771	772	2760	2140	2290	--	--	--	489	465	473	247	242	243	497	484	492
19	1710	1570	1630	775	770	773	2330	2250	2290	--	--	--	524	489	510	255	247	252	495	482	489
20	1680	1590	1640	776	771	774	2300	2230	2270	--	--	--	539	524	535	256	252	254	499	479	492
21	1690	1630	1660	778	774	776	2280	2240	2270	--	--	--	546	537	543	255	252	254	502	485	495
22	1720	1640	1670	779	776	777	2290	2220	2260	--	--	--	550	544	547	255	251	253	501	488	496
23	1720	1620	1670	779	776	778	2280	2210	2250	--	--	e1180	548	542	545	257	251	253	505	491	499
24	1750	1640	1690	780	776	778	2270	2190	2230	--	--	--	545	539	542	253	249	251	508	485	497
25	2580	1700	1890	783	777	780	2580	2230	2290	--	--	--	887	544	586	254	249	252	500	484	491
26	3730	2580	3200	782	777	780	3640	2270	2800	--	--	--	640	560	576	571	251	302	496	484	491
27	3120	2240	2530	785	779	782	3830	3350	3570	--	--	--	582	557	573	268	260	263	494	482	489
28	2260	1980	2120	785	782	783	3350	2860	3080	--	--	--	598	574	585	265	260	263	494	484	489
MONTH	**4060**	**507**	**1650**	**e810**	**e761**	**779**	**3830**	**549**	**2210**	**--**	**--**	**--**	**1030**	**375**	**495**	**594**	**189**	**240**	**526**	**479**	**500**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
March																					
1	2020	1890	1960	787	782	785	2860	2600	2710	--	--	--	592	582	587	263	259	262	496	484	490
2	1910	1600	1860	788	784	786	2620	2510	2560	--	--	--	585	581	583	262	259	260	497	482	490
3	1880	1570	1770	791	785	788	2530	2250	2490	--	--	--	587	579	583	260	258	259	496	479	489
4	1920	1810	1870	792	787	790	2520	2420	2470	--	--	--	594	549	579	261	255	258	498	479	489
5	1890	1730	1820	793	789	791	2480	2350	2420	--	--	--	549	537	543	257	251	254	496	482	489
6	1920	1690	1850	793	790	792	2440	2320	2390	--	--	--	540	535	538	252	247	250	493	484	490
7	1880	1610	1820	793	790	791	2430	2290	2380	--	--	--	538	533	536	249	244	247	498	483	491
8	1860	1650	1810	793	790	792	2420	2290	2360	--	--	--	534	479	520	246	240	244	499	486	492
9	1820	1560	1770	793	789	791	2380	2330	2350	--	--	--	479	457	464	242	236	240	507	486	496
10	1750	1520	1690	792	788	791	2360	2090	2270	--	--	--	467	415	445	242	225	235	508	492	502
11	1660	1450	1610	792	785	789	2270	2050	2180	--	--	--	425	414	420	239	228	233	510	501	505
12	1660	1570	1620	790	785	788	2350	2170	2300	--	--	--	423	396	415	239	237	238	510	502	505
13	6660	1510	2120	789	778	787	4020	1250	2330	--	--	e2290	1200	382	410	588	236	255	515	500	506
14	6690	1580	2030	786	769	780	2950	1010	1500	--	--	1020	962	351	398	626	237	262	515	500	506
15	1850	1700	1750	788	782	785	1740	1190	1450	--	--	e1120	353	344	348	241	237	238	507	485	495
16	1840	1770	1800	786	782	784	2040	1740	1870	--	--	--	357	349	353	243	239	242	494	481	487
17	1860	1770	1820	786	782	784	2240	2040	2110	--	--	--	371	357	363	245	242	244	492	481	486
18	1890	1790	1840	786	782	784	2280	2140	2230	--	--	--	377	370	373	246	244	245	489	476	484
19	1870	1670	1840	786	783	784	2330	2230	2280	--	--	--	382	377	379	247	245	246	491	479	485
20	1910	1820	1870	792	782	786	2380	2260	2330	--	--	--	388	380	382	248	245	247	490	476	483
21	1940	1800	1880	794	779	786	2430	1920	2300	--	--	--	389	380	386	249	246	248	487	476	482
22	1910	1840	1870	792	784	787	2330	2160	2230	--	--	--	380	371	375	248	245	247	487	477	484
23	1960	1820	1890	791	784	789	2340	2210	2280	--	--	--	380	375	377	248	245	247	495	479	486
24	1900	1850	1870	796	787	790	2320	2220	2270	--	--	--	381	374	378	248	243	247	496	486	491
25	1920	1660	1840	800	788	792	2340	2250	2290	--	--	--	378	375	376	248	245	247	498	484	492
26	1950	1680	1870	798	788	792	2380	2290	2340	--	--	--	386	376	380	248	245	246	492	482	488
27	1970	1810	1940	796	787	792	2410	2290	2360	--	--	--	390	384	387	249	246	247	492	479	485
28	2160	1810	1990	795	791	793	2430	1840	2330	--	--	--	404	390	398	249	246	247	491	477	485
29	2040	1890	1950	796	791	794	2370	1890	2190	--	--	--	398	394	395	248	246	247	497	479	487
30	1950	1720	1920	797	792	794	2400	2290	2350	--	--	e1360	397	362	386	249	246	248	516	472	487
31	1980	1890	1930	795	790	793	2400	2290	2340	--	--	--	398	377	392	250	247	249	494	476	485
MONTH	**6690**	**1450**	**1850**	**800**	**769**	**789**	**4020**	**1010**	**2270**	**--**	**--**	**--**	**1200**	**344**	**434**	**626**	**225**	**248**	**516**	**472**	**491**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
April																					
1	2820	1270	1910	795	789	793	2400	1730	2250	--	--	--	943	396	434	290	246	251	524	478	493
2	1880	1610	1750	798	791	794	2060	1770	1850	--	--	--	413	399	404	248	246	247	507	490	496
3	1910	1630	1850	796	790	793	1840	1740	1800	--	--	1370	414	400	409	248	244	247	497	485	491
4	2230	622	1240	792	781	787	1850	381	826	3090	117	632	567	332	407	246	193	239	505	485	498
5	1610	900	1330	789	783	786	1220	617	815	1420	258	762	425	360	386	249	219	242	497	483	490
6	1560	959	1420	791	785	787	1200	638	814	1080	815	981	368	349	358	251	244	248	496	482	489
7	1680	1320	1570	792	787	789	1720	1200	1410	1320	583	1020	378	349	352	256	237	251	508	485	495
8	1640	1240	1460	791	782	788	1710	1200	1350	1100	583	946	375	350	355	256	239	252	507	492	502
9	1720	1630	1670	791	784	788	1570	1210	1370	1170	1090	1130	363	358	359	260	256	258	505	489	496
10	1740	1670	1710	788	781	785	1850	1570	1690	1200	1150	1180	373	363	368	261	257	259	503	489	498
11	1770	1710	1740	788	783	785	2000	661	1840	1220	1190	1200	378	373	376	260	257	259	507	491	498
12	1790	1720	1760	786	780	783	2090	2000	2030	1240	1210	1220	385	377	380	260	253	258	507	493	500
13	1790	1710	1750	786	776	782	2150	2020	2110	1240	1150	1210	390	385	387	260	254	257	511	497	507
14	1810	1750	1780	782	773	779	2170	2020	2130	1270	1230	1240	400	390	393	256	254	255	513	503	509
15	1850	1760	1790	782	778	780	2190	1940	2100	1270	1210	1240	404	396	400	259	254	256	513	504	509
16	1920	1660	1860	785	778	783	2210	1970	2150	1300	1270	1280	410	401	406	266	259	261	511	493	500
17	1910	1570	1880	787	782	784	2250	2010	2200	1310	1300	1300	416	409	413	270	266	267	506	492	498
18	1940	1560	1890	794	782	787	2310	2100	2260	1320	1270	1300	415	410	412	271	265	268	506	497	502
19	1950	1640	1910	793	785	788	2320	2120	2260	1330	1310	1320	426	381	413	275	269	271	507	493	499
20	1990	1870	1950	792	785	788	2350	2100	2280	1360	1330	1340	446	381	408	276	272	274	502	488	495
21	2020	1960	1990	795	786	790	2390	2080	2320	1370	1350	1360	462	430	442	291	274	281	500	488	495
22	2030	1610	1950	793	788	790	2440	2130	2380	1390	1280	1360	461	439	448	295	286	290	498	490	493
23	1980	308	1620	794	783	790	2150	790	1940	1400	33	999	496	245	437	293	135	277	506	493	499
24	1400	308	1020	790	783	788	790	240	513	951	57	659	408	288	385	254	201	248	507	498	502
25	1600	1330	1480	791	785	788	1380	781	1100	1140	930	1040	373	356	362	258	254	257	505	496	501
26	1750	1580	1700	792	785	789	1650	1380	1490	1200	1010	1150	374	360	366	261	257	259	508	483	493
27	1810	1740	1780	794	787	791	1760	1640	1680	1250	1190	1220	388	374	381	265	261	262	501	481	492
28	1880	1810	1850	796	790	793	1890	1700	1810	1280	1240	1260	398	388	394	267	264	265	499	485	492
29	1920	1880	1900	798	791	794	2010	1890	1950	1310	1270	1290	407	386	402	269	265	267	492	484	488
30	1960	1910	1940	800	794	796	2090	1900	2040	1320	1290	1300	425	406	418	277	269	273	494	484	488
MONTH	**2820**	**308**	**1720**	**800**	**773**	**788**	**2440**	**240**	**1760**	**e3090**	**e33**	**e1150**	**943**	**245**	**395**	**295**	**135**	**260**	**524**	**478**	**497**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
											May										
1	1990	1840	1960	802	796	799	2130	1700	2070	1330	1310	1320	434	422	430	279	276	278	493	482	488
2	1980	474	1110	799	792	795	2210	283	1120	1460	27	617	485	333	408	278	189	249	495	482	490
3	1160	445	853	794	790	792	742	262	538	777	32	541	379	329	367	249	195	238	497	486	492
4	1540	1160	1360	797	791	793	1190	742	945	1050	777	949	353	343	347	258	249	254	496	488	493
5	1660	1540	1600	797	792	794	1550	1190	1330	1130	1040	1080	375	352	364	265	256	260	497	488	493
6	1730	1660	1710	796	793	795	1760	1550	1630	1160	1110	1130	393	373	382	264	260	262	496	486	492
7	1830	1720	1790	796	793	795	1890	1760	1810	1200	1140	1170	411	393	402	265	260	262	493	480	487
8	1900	1790	1860	798	791	794	1980	1540	1930	1180	1150	1170	426	411	420	269	264	267	491	480	486
9	1910	309	1420	802	791	795	2020	233	1540	1490	74	776	468	325	403	269	177	244	489	479	484
10	1080	447	845	793	788	791	738	298	508	826	102	557	397	345	375	281	191	236	488	477	483
11	1530	1080	1370	792	786	789	1180	724	922	971	826	899	348	335	338	257	235	246	488	481	484
12	1600	799	1510	791	782	787	1420	1130	1310	1090	61	885	354	316	345	284	192	251	488	481	484
13	799	171	327	784	768	776	1390	152	298	492	31	212	319	244	281	232	133	187	487	477	482
14	521	157	314	769	758	763	251	152	202	445	68	287	263	193	215	182	115	159	484	472	478
15	862	453	700	761	754	758	441	179	280	771	342	599	193	182	187	204	162	187	480	469	475
16	1080	581	769	758	752	755	730	441	631	816	360	688	222	191	203	208	171	199	480	461	470
17	1060	842	975	758	750	754	1280	637	1010	947	816	892	290	222	252	230	189	215	470	458	464
18	1190	1030	1110	757	743	752	1470	1280	1360	1030	947	984	339	290	315	246	208	241	468	459	462
19	1290	442	905	752	737	746	1480	446	964	1040	107	775	358	339	348	244	164	227	465	456	461
20	1150	496	971	745	734	741	1190	612	880	1030	796	962	359	346	350	240	207	233	462	451	457
21	1300	1040	1190	743	726	737	1610	1190	1360	1080	640	1010	386	359	374	243	230	241	459	450	454
22	1320	1030	1220	741	725	735	1600	1170	1310	1130	1010	1090	403	386	395	255	234	248	453	441	448
23	1410	1320	1360	739	727	733	1610	1380	1500	1160	1130	1140	414	403	408	269	254	256	448	440	444
24	1490	1360	1440	741	713	729	1690	1610	1630	1190	1160	1170	425	414	419	265	250	258	452	441	447
25	1560	1420	1510	746	713	731	1760	1690	1710	1220	1190	1200	433	425	429	276	236	250	455	446	451
26	1600	1200	1530	744	720	733	1820	1100	1710	1230	386	1060	447	432	439	289	217	240	459	450	454
27	1530	1110	1360	746	735	741	1260	908	1020	1160	857	1080	451	438	444	260	246	255	461	450	456
28	1460	1120	1370	743	730	738	1300	1260	1280	1270	1120	1200	451	436	443	266	259	262	465	449	457
29	1650	1440	1550	743	729	737	1580	1290	1470	1330	1270	1290	471	450	458	268	263	265	475	453	462
30	1780	1600	1720	739	730	735	1760	1580	1720	1390	1330	1350	481	468	474	274	265	268	469	452	459
31	1830	1750	1790	732	724	730	1850	1740	1800	1400	1360	1370	505	478	490	281	268	273	469	456	462
MONTH	**1990**	**157**	**1270**	**802**	**713**	**763**	**2210**	**152**	**1220**	**1490**	**27**	**950**	**505**	**182**	**371**	**289**	**115**	**242**	**497**	**440**	**471**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
June																					
1	2050	1820	1900	733	725	729	1930	1840	1880	450	1380	1410	523	504	513	279	271	274	473	463	466
2	2200	1070	1560	--	--	e690	1950	990	1810	420	233	1190	518	495	511	273	244	269	468	456	462
3	1270	260	514	--	--	e690	1050	180	387	695	43	323	495	395	457	261	150	227	459	449	455
4	931	258	649	--	--	e690	918	202	464	905	48	643	395	323	351	232	178	221	450	443	447
5	1220	919	1070	--	--	e690	1270	918	1150	60	905	981	366	324	343	240	231	235	454	444	447
6	1360	1190	1280	--	--	e690	1450	1270	1370	130	1060	1080	404	366	385	256	239	243	452	442	448
7	1370	157	549	--	--	e690	1470	77	509	130	23	294	409	305	375	247	125	184	452	437	445
8	765	273	583	--	--	e690	444	130	222	644	331	494	305	288	293	194	147	179	442	434	440
9	1140	739	861	--	--	e690	1230	444	868	775	644	720	343	300	321	210	175	202	446	435	439
10	1020	393	606	--	--	e690	1280	367	776	769	249	552	353	343	348	213	171	202	446	430	438
11	985	633	833	--	--	e690	1170	545	922	879	639	797	365	343	349	226	158	216	438	429	434
12	1150	973	1050	--	--	e690	1340	1170	1280	974	873	920	391	363	375	237	206	230	449	430	439
13	1290	1130	1190	--	--	e690	1420	1330	1380	60	965	1010	412	391	401	253	236	238	451	436	443
14	1300	313	937	--	--	e691	1460	101	929	50	23	754	417	341	392	242	80	209	452	441	446
15	862	330	640	--	--	e691	827	260	438	824	126	639	344	328	335	201	150	185	448	440	444
16	1110	859	981	693	686	690	1210	827	1090	964	812	891	383	344	363	220	183	209	452	436	443
17	1330	1110	1170	692	687	690	1360	1200	1300	60	954	1000	403	383	394	227	209	223	452	441	447
18	1380	1190	1280	695	686	691	1470	1350	1420	130	1030	1070	426	402	412	234	226	230	464	445	451
19	1480	1360	1410	696	690	693	1560	1450	1500	200	1080	1140	445	423	433	236	232	234	463	449	458
20	1520	1430	1480	699	692	696	1630	1510	1570	220	1090	1180	454	435	443	239	234	236	472	459	464
21	1620	1510	1570	705	697	702	1640	1580	1600	290	1190	1230	476	440	455	260	236	245	469	450	462
22	1680	1610	1650	705	696	702	1710	1590	1650	340	1240	1280	473	464	469	248	241	244	464	457	461
23	1780	251	1340	705	693	701	1720	72	1210	310	19	917	497	323	440	246	83	230	463	456	461
24	1070	419	751	696	688	691	740	394	516	944	115	654	406	380	389	243	183	212	464	451	456
25	1130	480	909	690	688	689	1080	661	791	949	298	721	400	380	390	223	193	219	454	445	450
26	1230	529	993	691	669	682	1010	618	793	40	628	933	413	394	405	234	220	228	453	445	449
27	1440	1230	1330	682	670	677	1330	1000	1180	140	1020	1070	435	411	422	275	234	239	458	448	452
28	1580	1180	1370	685	678	682	1530	1270	1400	130	750	1050	446	435	439	249	237	241	456	450	453
29	1610	1240	1420	691	684	687	1410	1260	1320	180	1060	1110	448	442	445	264	239	243	455	449	452
30	1620	1350	1500	697	689	693	1560	1340	1440	290	1160	1210	460	447	453	272	241	244	460	450	454
MONTH	**2200**	**157**	**1110**	**e733**	**e669**	**e692**	**1950**	**72**	**1110**	**450**	**19**	**909**	**523**	**288**	**403**	**279**	**80**	**226**	**473**	**429**	**450**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
July																					
1	1730	1620	1670	702	695	699	1620	1530	1570	1350	1260	1300	472	455	463	246	242	244	457	449	453
2	1800	1700	1760	707	701	703	1700	1600	1650	1370	1290	1330	484	471	477	248	241	245	459	451	454
3	1910	1760	1840	715	705	709	1770	1660	1710	1410	1350	1380	505	483	493	267	243	257	466	453	458
4	1970	690	1540	714	708	712	1880	1470	1740	1460	915	1340	514	494	501	263	242	257	472	460	464
5	1770	1230	1630	717	712	714	1850	1310	1470	1420	1340	1390	503	496	499	263	250	256	476	460	467
6	1810	1140	1490	720	712	715	1540	872	1170	1420	277	1190	514	482	494	260	222	250	478	456	464
7	1890	1630	1790	721	709	715	1250	878	1050	1420	1360	1400	506	485	496	254	243	248	473	456	463
8	2020	1840	1940	719	712	715	1540	1250	1370	1410	1380	1400	516	502	509	255	240	250	466	461	464
9	2130	1950	2040	718	712	715	1690	1510	1600	1400	1370	1390	531	508	520	263	245	256	473	461	467
10	2260	2060	2150	719	709	714	1760	1670	1710	1370	1360	1370	561	526	538	268	259	264	473	465	469
11	2280	211	1650	721	709	714	1870	1420	1730	1370	416	1210	614	539	550	288	248	267	471	465	468
12	1710	235	1110	717	710	714	1510	250	992	1360	29	904	549	327	508	271	117	243	471	463	468
13	1360	529	1130	718	708	712	918	340	654	1340	343	1060	482	457	468	236	187	227	469	461	465
14	1790	1330	1600	716	708	712	1120	884	980	1450	1340	1410	491	458	471	274	230	244	480	460	469
15	1940	1770	1860	715	710	712	1370	1100	1220	1460	1450	1460	521	490	506	244	228	237	477	468	473
16	2080	1920	1990	715	710	712	1550	1340	1440	1460	1440	1460	530	512	522	246	231	239	483	469	474
17	2240	2030	2130	714	710	712	1640	1510	1570	1460	1450	1450	542	508	524	324	236	249	503	474	483
18	2340	2160	2260	714	709	712	1720	1560	1650	1450	1440	1450	568	535	549	299	258	267	506	478	491
19	2370	1180	1590	713	707	710	1760	1230	1540	1450	91	1040	624	431	547	274	80	229	493	481	486
20	2190	1950	2100	714	708	711	1350	1180	1240	1550	1390	1430	569	553	560	252	233	245	483	475	479
21	2270	226	1860	715	710	712	1520	120	1090	1520	31	1100	578	369	529	284	134	241	487	473	480
22	1510	673	1150	713	705	710	892	248	622	1240	435	1010	500	453	477	237	222	231	481	476	479
23	1570	921	1260	719	709	713	755	465	553	1270	22	833	458	330	441	233	184	222	483	475	478
24	2050	1570	1830	716	708	712	1070	627	883	1410	1270	1340	477	453	462	234	222	228	488	472	480
25	2210	1990	2080	719	712	715	1340	1050	1200	1450	1260	1380	517	474	494	247	227	236	485	477	481
26	2300	2180	2260	720	714	717	1460	1260	1390	1440	1320	1400	558	516	535	276	242	250	490	477	483
27	2440	2300	2370	720	712	716	1610	1420	1520	1440	1370	1400	580	552	564	266	256	260	494	482	488
28	2560	174	2000	718	709	715	1640	257	1290	1460	37	1160	598	310	553	281	116	256	498	488	492
29	1750	620	1350	716	709	712	809	375	652	1390	668	1250	472	430	446	279	235	251	499	488	494
30	2080	1740	1930	716	709	712	1120	789	969	1400	1390	1400	475	454	466	263	249	257	496	491	493
31	2260	2050	2150	720	711	714	1340	1090	1220	1450	1330	1390	511	475	492	284	263	271	506	490	495
MONTH	**2560**	**174**	**1790**	**721**	**695**	**712**	**1880**	**120**	**1270**	**1550**	**22**	**1290**	**624**	**310**	**505**	**324**	**80**	**248**	**506**	**449**	**475**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
August																					
1	2410	2260	2350	720	714	716	1430	1300	1360	1410	1400	1400	543	511	525	285	276	280	508	496	500
2	2560	2410	2470	718	714	716	1570	1420	1480	1410	1400	1400	593	542	568	326	285	292	515	502	508
3	2630	2440	2520	728	716	721	1530	1440	1490	1400	1390	1400	633	578	599	300	292	295	522	504	510
4	2530	354	1670	724	718	721	1540	559	1100	1540	95	1120	631	446	605	295	168	273	507	501	503
5	2080	1470	1830	724	715	721	890	561	714	1380	1320	1360	633	607	619	286	273	280	514	497	504
6	2290	2080	2180	724	717	720	1200	862	1010	1380	1380	1380	637	613	625	292	285	288	505	499	502
7	2580	2030	2250	723	715	719	1440	1060	1290	1430	614	1230	666	614	624	392	287	299	506	500	502
8	2240	2120	2190	722	715	719	1220	1110	1140	1370	1350	1370	629	613	622	295	288	292	510	499	504
9	2310	2220	2280	721	715	717	1350	1150	1250	1380	1210	1360	638	617	626	297	287	291	513	495	503
10	2500	2300	2420	721	713	716	1490	1350	1410	1360	1340	1350	659	627	640	294	287	290	505	498	501
11	2520	2330	2440	717	712	714	1580	1490	1540	1340	1310	1320	661	645	654	324	286	294	503	492	497
12	2520	2210	2430	714	709	712	1660	1580	1620	1310	1280	1290	664	650	657	292	285	288	497	490	493
13	2580	2250	2450	712	706	709	1730	1620	1680	1280	1260	1270	662	650	657	289	284	286	496	488	492
14	2600	1950	2420	712	707	709	1820	1700	1760	1260	1240	1250	667	648	657	291	284	287	498	489	494
15	2920	262	1310	711	704	707	1790	246	888	1240	74	850	667	524	621	290	153	254	498	493	495
16	1930	1350	1670	710	703	706	833	469	653	1190	1170	1180	642	619	631	284	228	265	506	491	498
17	2160	1930	2070	713	703	708	1110	813	934	1190	1180	1180	652	633	642	324	284	294	502	495	499
18	2310	2160	2260	721	705	709	1320	1110	1200	1180	1170	1170	644	630	637	300	294	297	507	498	502
19	2450	2260	2360	721	706	712	1450	1320	1380	1170	1160	1160	649	636	642	301	295	298	505	499	503
20	2520	158	1170	708	694	703	1470	198	661	1160	24	692	648	414	571	299	97	241	511	499	505
21	1740	963	1350	710	696	701	687	452	552	1060	457	990	569	540	564	254	224	238	506	498	503
22	2060	1740	1920	698	689	694	1060	687	866	1120	1060	1090	592	565	579	275	254	265	510	497	504
23	2170	2060	2130	701	683	694	1290	1020	1140	1120	1110	1120	614	590	602	287	275	282	506	502	504
24	2280	2140	2230	689	680	684	1430	1240	1340	1120	1110	1120	627	611	618	290	281	285	506	500	503
25	2220	121	597	683	677	680	1440	182	406	1120	42	469	627	455	542	292	140	222	503	498	501
26	1630	973	1350	679	675	677	784	414	604	1070	968	1050	524	500	509	262	241	252	503	493	499
27	1840	260	1450	--	--	e680	1120	220	762	1070	53	794	539	390	504	264	142	243	501	495	499
28	1450	275	999	--	--	e680	587	183	407	1050	178	824	415	390	407	240	206	229	504	491	499
29	1650	1090	1400	--	--	e680	1000	537	721	1060	214	851	410	369	391	264	199	236	500	494	497
30	1820	1140	1540	--	--	e680	748	528	638	1060	947	1040	405	390	395	297	237	255	504	494	499
31	1960	1820	1890	--	--	e680	1120	742	902	1060	1060	1060	413	400	406	265	257	260	504	494	499
MONTH	**2920**	**121**	**1920**	**e728**	**e675**	**e703**	**1820**	**182**	**1060**	**1540**	**24**	**1130**	**667**	**369**	**579**	**392**	**97**	**273**	**522**	**488**	**501**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Day of month	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
											September										
1	2070	1960	2040	--	--	e680	1260	1120	1180	1070	1060	1060	422	411	416	278	264	268	501	495	498
2	2180	2050	2120	--	--	e680	1350	1250	1310	1070	1060	1060	431	421	427	276	270	273	499	494	497
3	2160	335	1070	--	--	e680	1440	244	712	1060	115	476	470	321	394	276	192	232	498	492	495
4	1750	888	1390	--	--	e680	655	368	533	1440	838	1070	414	381	401	253	234	247	499	492	496
5	1950	1740	1830	--	--	e680	771	655	731	1070	1020	1040	410	380	392	268	248	251	502	492	498
6	1980	1820	1900	--	--	e680	1120	771	1010	1060	993	1040	416	409	413	268	247	252	503	495	499
7	2060	1980	2030	--	--	e680	1180	1120	1160	1060	1060	1060	424	413	417	255	248	251	505	494	500
8	2160	2060	2120	--	--	e680	1200	1160	1180	1060	1060	1060	436	421	427	300	252	259	507	496	502
9	2240	2160	2190	--	--	e680	1270	1190	1230	1060	1060	1060	448	434	440	301	253	268	510	500	505
10	2250	2180	2220	--	--	e680	1310	1250	1290	1060	1060	1060	452	446	448	271	264	267	507	497	502
11	2310	2180	2280	--	--	e680	1370	1310	1350	1060	1050	1060	452	450	451	286	263	269	503	494	498
12	2400	2260	2350	--	--	e680	1410	1360	1390	1050	1020	1050	465	451	457	296	270	276	502	494	497
13	2390	2310	2340	--	--	e690	1460	1400	1420	1050	1040	1050	475	464	470	280	272	277	502	493	498
14	2520	382	1930	705	691	700	1470	339	1220	1050	46	743	559	385	509	308	175	259	504	495	500
15	1740	600	1290	702	675	688	523	378	491	1000	665	956	571	520	552	255	224	240	505	497	501
16	2030	1740	1910	684	675	679	803	523	643	1020	1000	1010	615	570	590	270	250	258	508	497	502
17	2170	2030	2110	680	670	677	1050	803	937	1020	1020	1020	634	614	622	263	259	261	518	501	505
18	2230	2140	2200	679	670	677	1230	1050	1160	1020	1020	1020	645	632	638	269	262	265	517	504	510
19	2270	152	2100	681	675	678	1330	1220	1260	1020	140	930	646	575	636	266	216	258	518	508	512
20	1510	117	932	684	657	676	1330	388	500	993	37	805	581	487	543	286	178	240	515	503	509
21	2050	1490	1810	682	666	677	773	493	627	1000	993	997	572	536	555	268	255	260	507	499	502
22	2250	1950	2140	679	656	676	1090	773	935	1000	1000	1000	590	572	580	295	264	278	507	496	502
23	2270	1100	1770	678	657	673	1390	1090	1260	1000	542	929	596	588	591	297	281	289	506	499	503
24	1920	1400	1690	675	650	671	1380	1050	1190	994	992	993	598	586	592	297	289	292	510	500	504
25	2230	1850	2110	675	656	669	1200	1040	1080	996	984	994	607	597	602	299	290	295	509	500	503
26	2340	2100	2270	670	664	667	1300	1200	1270	994	992	993	610	602	606	299	289	293	507	496	501
27	2360	2200	2290	670	665	667	1540	1280	1430	1020	990	1010	613	606	609	302	296	299	524	494	504
28	2360	2290	2330	670	643	666	1650	1540	1590	1020	912	1000	617	607	611	318	297	301	514	492	504
29	2490	2290	2390	669	664	667	1740	1490	1670	1020	300	923	627	600	614	310	280	293	514	490	503
30	2430	2320	2390	668	646	666	1650	1530	1610	1010	997	1010	614	611	613	291	283	287	516	489	502
MONTH	**2520**	**117**	**1980**	**e705**	**e643**	**e677**	**1740**	**244**	**1110**	**1440**	**37**	**983**	**646**	**321**	**521**	**318**	**175**	**269**	**524**	**489**	**502**

Table 10. Daily, monthly, and annual statistics for specific conductance for U.S. Geological Survey stations in the drinking-water source area for Cambridge, Massachusetts, for water year 2006.—Continued

[Values are in microsiemens per centimeter. e, estimated; --, no data; MAX, maximum; MIN, minimum]

Annual statistics	U.S. Geological Survey station name and number																				
	Cambridge Reservoir, unnamed tributary 2, near Lexington (01104415)			Hobbs Brook below Cambridge Reservoir near Kendal Green (01104430)			Hobbs Brook, unnamed tributary 1, near Kendal Green (01104433)			Stony Brook, unnamed tributary 1, near Waltham (01104455)			Stony Brook at Route 20 at Waltham (01104460)			Stony Brook Reservoir, unnamed tributary 1, near Weston (01104475)			Fresh Pond in gate house at Cambridge (422302071083801)		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
YEAR	14400	117	1730	e819	599	e738	8070	72	1550	e3090	e19	e1090	1200	182	459	658	80	248	766	429	514
RECORD QUALITY	Excellent[2]			Good[1]			Fair[3]			Excellent[1,4]			Excellent[1]			Good[1]			Good[1,5]		

[1] Daily values that are estimated are rated as poor.

[2] Daily values between 10/09/05 and 11/07/05 are rated as poor; records for values greater than 5,000 microsiemens per centimeter are rated as good.

[3] Daily values after 11/08/05 are rated as good.

[4] Daily values less than 200 microsiemens per centimeter are rated as fair.

[5] Daily values prior 11/23/05 are rated as poor.

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Table 11. Extreme measurements of physical parameters for U.S. Geological Survey stations in the drinking-water source area for

[Unless otherwise footnoted, measurements of physical parameters were made both manually on an intermittent basis and autonomously on a continuous basis. above city of Cambridge datum; Mgal, million gallons; Mgal/d, millions of gallons per day; in/15min, inches of

Constituent	Statistic	U.S. Geological Survey station number					
		01104390	01104405	01104410	01104415	01104420	01104430
Discharge (Mgal/d)	POR	03/07/97–09/17/98[1] and 07/18/06[1]	03/05/97–09/30/98 and 07/18/06[1]	03/05/97–09/30/98 and 07/18/06[1]	03/06/97–09/30/98; 08/26/04–09/30/06	04/09/97–09/30/98 and 07/18/06[1]	03/06/97–09/30/06
	Maximum	37 (5.5)	102 (0.12)	22 (0.63)	91 (37.5)	47 (0.10)	40 (29)
	Minimum	0.51 (5.5)	0.00 (.12)	0.00 (.63)	0.00 (0.00)	0.05 (.10)	0.00 (.03)
Reservoir altitude (ft)	POR	--	--	--	--	--	10/01/01–09/30/06
	Maximum	--	--	--	--	--	183.06 (182.77)
	Minimum	--	--	--	--	--	169.78 (175.20)
Reservoir capacity (Mgal)	POR	--	--	--	--	--	10/01/01–09/30/06
	Maximum	--	--	--	--	--	2737 (2707)
	Minimum	--	--	--	--	--	758 (1484)
Precipitation (in/15min)	POR	--	--	--	--	--	10/01/01–09/30/06
	Maximum	--	--	--	--	--	.98 (.98)
	Minimum	--	--	--	--	--	.00
Air temperature (°C)	POR	--	--	--	--	--	10/01/01–09/30/06
	Maximum	--	--	--	--	--	35.2 (34.3)
	Minimum	--	--	--	--	--	-23.1 (-17.8)
Water temperature (°C)	POR	03/07/97–09/17/98[1] and 07/18/06[1]	03/05/97–09/30/98 and 07/18/06[1]	03/05/97–09/30/98	03/06/97–09/30/98; 08/26/04–09/30/06	04/09/97–09/30/98	03/06/97–09/30/06
	Maximum	30.6 (22.3)	22.7 (19.8)	25.1 (19.9)	25.5 (24.8)	26.3 (23)	26.5 (21.5)
	Minimum	-1 (22.3)	-.4 (19.8)	-.2 (19.9)	-.8 (-.3)	-.3 (23)	.2 (1.5)
Specific conductance (µS/cm)	POR	03/07/97–09/17/98[1] and 07/18/06[1]	03/05/97–09/30/98 and 07/18/06[1]	03/05/97–09/30/98	03/06/97–09/30/98; 08/26/04–09/30/06	04/09/97–09/30/98	03/06/97–09/30/06
	Maximum	294 (294)	4360 (1280)	1430 (324)	26800 (14400)	7500 (1140)	1940 (819)
	Minimum	112 (294)	39 (1280)	54 (324)	42 (117)	18 (1140)	163 (599)
Dissolved oxygen (mg/L)	POR	10/22/97–09/17/98[1] and 07/18/06[1]	10/27/97–09/16/98[1] and 07/18/06[1]	10/27/97–09/16/98[1]	04/07/97–09/16/98[1]; 08/26/04–09/30/06[1]	10/22/97–09/16/98[1]	10/21/97–09/16/98[1] and 07/18/06[1]
	Maximum	13.6 (6.7)	15 (5.9)	11.6 (6.8)	11.6 (11.4)	13.3 (3.5)	14.7 (6.3)
	Minimum	6.7 (6.7)	5.9 (5.9)	6.2 (6.8)	5.3 (5.3)	3.3 (3.5)	6.3 (6.3)
pH	POR	03/07/97–09/17/98[1] and 07/18/06[1]	03/05/97–09/30/98 and 07/18/06[1]	10/27/97–09/16/98[1]	03/06/97–09/16/98[1]; 08/26/04–09/30/06[1]	04/09/97–09/16/98[1]	03/06/97–09/16/98[1] and 07/18/06[1]
	Maximum	7.8 (7.0)	7.9 (6.5)	7.2 (6.3)	7.2 (6.8)	8.7 (6.6)	7.5 (6.5)
	Minimum	6.2 (7.0)	5.8 (6.5)	5.5 (6.3)	6.1 (6.1)	4.1 (6.6)	5.8 (6.5)
Turbidity (NTRU)	POR	07/18/06[1]	07/18/06[2]	07/18/06[1]	08/26/04–09/30/06[1]	07/18/06[1]	06/12/02–09/04/02[1] and 07/18/06[1]
	Maximum	(2.4)	(8.4)	(6.5)	79 (47)	(9.7)	4.0 (4.0)
	Minimum	(2.4)	(8.4)	(6.5)	.24 (.24)	(9.7)	.4 (4.0)

[1] Measurements of physical parameters were made manually on an intermittent basis.

[2] Turbidity values are expressed in Formazin Nephelometric Multibeam Units.

[3] Turbidity values are expressed in Formazin Nephelometric Units.

Cambridge, Massachusetts.

POR, period of record; °C, degrees Celsius; NTRU, nephelometric turbidity ratio units; mg/L, milligrams per liter; µS/cm, microsiemens per centimeter; ft, feet precipitation within a 15-minute interval; values in parentheses are values of parameter measured during water year 2006; --, no data]

U.S. Geological Survey station number						
01104433	01104453	01104455	01104460	01104475	01104480	422302071083801
10/23/97–09/17/98[1]; 06/28/04–09/30/06	06/01/06–09/30/06	10/22/97–09/22/98; 10/01/00–09/30/06	03/07/97–10/28/98; 05/14/02–09/30/06	11/06/97–09/17/98[1]; 12/24/03–09/30/06	10/01/99–09/30/06	--
6.4 (3.9)	(14.9)	77 (58)	277 (211)	16 (16)	420 (336)	--
0.00 (0.03)	(0.22)	0.08 (.08)	2.2 (5.0)	0.05 (.05)	0.00 (.07)	--
--	--	--	--	--	10/01/99–09/30/06	10/01/03–09/30/06
--	--	--	--	--	81.73 (81.31)	16.81 (16.81)
--	--	--	--	--	62.60 (73.95)	14.70 (14.70)
--	--	--	--	--	10/01/99–09/30/06	10/01/03–09/30/06
--	--	--	--	--	271 (267)	1540 (1540)
--	--	--	--	--	29.5 (186)	1433 (1433)
--	--	--	--	--	11/01/01–09/30/06	06/08/04–09/30/06
--	--	--	--	--	.57 (.44)	0.91 (0.64)
--	--	--	--	--	.00	.00
--	--	--	--	--	11/01/01–09/30/06	10/01/03–09/30/06
--	--	--	--	--	36.5 (34.7)	35.8 (35.8)
--	--	--	--	--	-22.2 (-15.2)	-22 (-13.3)
10/23/97–09/17/98[1]; 06/28/04–09/30/06	06/01/06–09/30/06[1]	10/22/97–09/22/98; 10/01/00–09/30/06	03/07/97–10/28/98; 05/14/02–09/30/06	11/06/97–09/17/98[1]; 12/24/03–09/30/06	11/01/01–04/30/02	10/01/03–09/30/06
27.6 (28.4)	(31.7)	27.1 (26.4)	26.7 (25.9)	24.3 (24.3)	19.2	28.5 (26.5)
-.5 (-.2)	(14.5)	.1 (3.8)	-0.1 (-.1)	-.1 (.2)	2.5	-.4 (.0)
10/23/97–09/17/98[1]; 06/28/04–09/30/06	06/01/06–09/30/06[1]	10/22/97–09/22/98; 10/01/00–09/30/06	03/07/97–10/28/98; 05/14/02–09/30/06	11/06/97–09/17/98[1]; 12/24/03–09/30/06	11/01/01–11/05/03	10/01/03–09/30/06
10300 (8070)	(635)	72700 (3090)	3420 (1200)	3540 (658)	865	770 (766)
52 (72)	(496)	13 (19)	45 (182)	40 (80)	308	429 (429)
10/23/97–09/17/98[1]; 08/27/04–09/30/06[1]	07/18/06[1]	10/22/97–09/22/98; 08/27/04–09/30/06	10/22/97–10/28/98[1]; 05/14/02–09/30/06[1]	11/06/97–09/17/98[1]; 08/26/04–09/30/06[1]	11/01/01–11/05/03	--
11.8 (8.9)	(4.7)	12.8 (9.7)	14.3 (14.3)	14.6 (12.3)	13.7	--
.9 (4.2)	(4.7)	7.6 (6.7)	6.4 (6.4)	7.4 (7.4)	2.8	--
10/23/97–09/17/98[1]; 08/27/04–09/30/06[1]	07/18/06[1]	10/22/97–09/22/98; 08/27/04–09/30/06	03/07/97–10/28/98; 05/14/02–09/30/06	11/06/97–09/17/98[1]; 08/26/04–09/30/06[1]	11/01/01–10/31/03	07/20/05–09/30/06
7.7 (7.0)	(6.6)	7.7 (6.7)	7.4 (7.4)	7.5 (7.3)	7.5	6.8
5.9 (6.5)	(6.6)	6.1 (6.1)	6.0 (6.2)	6.3 (6.6)	6.5	7.5
08/27/04–09/30/06[1]	07/18/06[1]	10/22/97–09/22/98[1]; 08/27/04–09/30/06[1]	06/13/02–09/30/04; 12/15/05–09/30/06[1]	08/26/04–09/30/06[1]	11/01/01–11/05/03	07/20/05–09/30/06
1.8 (1.8)	(1.7)	120 (70)	270 [2]	150 (150)	97 [3]	1.0
45 (45)	(1.7)	.4 (.6)	.6 [2]	.6 (.6)	0.3 [3]	1.5

Table 12. Extreme and median constituent concentrations measured in water samples for each U.S. Geological Survey water-monitoring

[Concentrations in milligrams per year liter; POR, period of record; N, number of samples; <, concentration is less than the value shown]

Constituent	Statistic	U.S. Geological Survey station number				
		01104390	01104405	01104410	01104415	01104420
Calcium (filtered)	POR	03/07/97–09/17/98, and 07/18/06	03/05/97–09/16/98, and 07/18/06	03/05/97–09/16/98, and 07/18/06	03/06/97–09/16/98; 08/26/04–09/30/06	04/09/97–09/16/98, and 07/18/06
	Maximum	20	44.7	62	340	88
	Median	13	13	29	47.2	28
	Minimum	10	8.2	15	10.8	13
	N	26	29	25	53	33
Sodium (filtered)	POR	03/07/97–09/17/98, and 07/18/06	03/05/97–09/16/98, and 07/18/06	03/05/97–09/16/98, and 07/18/06	03/06/97–09/16/98; 08/26/04–09/30/06	04/09/97–09/16/98, and 07/18/06
	Maximum	29.9	382	251	5220	936
	Median	15	28	103	262	103
	Minimum	12	18	40	59.6	49
	N	26	29	25	53	33
Chloride (filtered)	POR	03/07/97–09/17/98, and 07/18/06	03/05/97–09/16/98, and 07/18/06	03/05/97–09/16/98, and 07/18/06	03/06/97–09/16/98; 08/26/04–09/30/06	04/09/97–09/16/98, and 07/18/06
	Maximum	58.1	680	490	9000	1600
	Median	26.5	48.5	210	540	180
	Minimum	20	37	72	110	76
	N	26	29	25	53	33
Sulfate (filtered)	POR	04/09/97–09/17/98, and 07/18/06	04/07/97–09/16/98, and 07/18/06	04/07/97–09/16/98, and 07/18/06	04/07/97–09/16/98; 08/26/04–09/30/06	04/09/97–09/16/98, and 07/18/06
	Maximum	21	39	24	180	38
	Median	12.5	13.5	12	25.8	19
	Minimum	7.4	6.8	7.5	6.2	5.2
	N	14	18	13	42	22
Phosphorus, total	POR	04/09/97–09/17/98, and 07/18/06	04/07/97–09/16/98, and 07/18/06	04/07/97–09/16/98, and 07/18/06	04/07/97–09/16/98; 08/26/04–09/30/06	04/09/97–09/16/98, and 07/18/06
	Maximum	0.039	0.045	0.175	0.5	0.079
	Median	<.01	.027	<.01	<.01	<.01
	Minimum	<.01	<.01	<.01	<.01	<.01
	N	14	20	15	41	21
Nitrogen, total	POR	04/09/97–09/16/98, and 07/18/06	04/07/97–09/16/98, and 07/18/06	04/07/97–09/16/98, and 07/18/06	04/07/97–09/16/98; 08/26/04–09/30/06	04/09/97–09/16/98, and 07/18/06
	Maximum	1.3	1.04	0.96	2.38	1.34
	Median	0.94	0.65	.50	1.57	.93
	Minimum	.65	.45	.33	.82	.37
	N	15	20	15	41	21

station in the drinking-water source area for Cambridge, Massachusetts, for the period of record.

U.S. Geological Survey station number					
01104430	01104433	01104453	01104455	01104460	01104475
03/06/97–10/27/98, and 07/18/06	10/23/97–09/17/05; 08/27/04–09/30/06	7/18/2006	10/22/97–09/22/98; 03/05/03–09/30/06	03/07/97–10/28/98; 11/14/2005–09/30/06	12/17/97–09/17/98; 08/26/04–09/30/06
22.8	112	19.3	70.4	21.2	21.3
17.9	50	19.3	31	16.6	15.2
15.8	9.1	19.3	5.3	12.3	7.69
27	28	1	32	28	32
03/06/97–10/27/98, and 07/18/06	10/23/97–09/17/05; 08/27/04–09/30/06	7/18/2006	10/22/97–09/22/98; 03/05/03–09/30/06	03/07/97–10/28/98; 11/14/2005–09/30/06	12/17/97–09/17/98; 08/26/04–09/30/06
95.8	374	74	3600	67.8	53
65.2	172.5	74	97	39.8	21
56.3	4.69	74	18	23.5	14
27	28	1	32	28	32
03/06/97–10/27/98, and 07/18/06	10/23/97–09/17/05; 08/27/04–09/30/06	7/18/2006	10/22/97–09/22/98; 03/05/03–09/30/06	03/07/97–10/28/98; 11/14/2005–09/30/06	12/17/97–09/17/98; 08/26/04–09/30/06
184	789	133	5800	122	87.6
116	340	133	170	70	33
105	4.04	133	20	36.7	21
27	28	1	32	28	32
03/20/97–09/16/98, and 07/18/06	10/23/97–09/17/05; 08/27/04–09/30/06	7/18/2006	10/22/97–09/22/98; 03/05/03–09/30/06	04/15/97–10/28/98; 11/14/2005–09/30/06	11/20/97–09/17/98; 08/26/04–09/30/06
18.8	254	12.5	85	18.7	24
13.4	25.5	12.5	25.3	13.1	16.3
9.5	7.2	12.5	4.8	10.5	8
15	28	1	30	15	34
04/09/97–10/27/98, and 07/18/06	10/23/97–09/17/05; 08/27/04–09/30/06	7/18/2006	10/22/97–09/22/98; 03/05/03–09/30/06	04/15/97–10/28/98; 11/14/2005–09/30/06	11/20/97–09/17/98; 08/26/04–09/30/06
0.03	0.18	0.027	0.45	0.06	.8
<.01	0.03	.027	0.008	<.01	0.027
<.01	0.008	.027	0.007	<.01	.009
17	29	1	32	17	34
04/09/97–10/27/98, and 07/18/06	10/23/97–09/17/05; 08/27/04–09/30/06	7/18/2006	10/22/97–09/22/98; 03/05/03–09/30/06	04/15/97–10/28/98; 11/14/2005–09/30/06	11/20/97–09/17/98; 08/26/04–09/30/06
0.61	3.12	0.58	4.23	1.03	5.13
.43	1.55	.58	1.75	.7	1.56
.24	0.38	.58	.62	.17	.84
17	29	1	32	17	34

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; <, concentration is less than value shown; shaded areas indicate samples collected during storms; --, no data]

USGS station number	Sample type	Begin date	Begin time	End date	End time	Discharge, instantaneous, millions of gallons per day	Turbidity, water, unfiltered, NTRU	Dissolved oxygen, water, unfiltered, milligrams per liter	pH, water, unfiltered, field, standard units	Specific conductance, water, unfiltered, laboratory, microsiemens per centimeter at 25 degrees Celsius	Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius	Temperature, water, degrees Celsius
						P50051	P63676	P00300	P00400	P90095	P00095	P00010
01104390	Base flow	7/18/2006	0940	--	--	5.5	2.4	6.7	7.0	287	294	22.3
01104405	Base flow	7/18/2006	0745	--	--	0.12	8.4	5.9	6.5	1,200	1,280	19.8
01104410	Base flow	7/18/2006	0650	--	--	.63	6.5	6.8	6.3	327	324	19.9
01104415	Base flow	11/14/2005	1255	--	--	.15	1.2	--	6.8	2,060	2,170	0.5
01104415	Base flow	12/15/2005	1056	--	--	.27	0.2	12.5	6.5	2,270	2,150	1.2
01104415	Stormflow	1/11/2006	1512	1/12/2006	1109	--	47	--	7.0	2,460	2,430	--
01104415	Stormflow	1/29/2006	1659	1/30/2006	0611	--	26	--	6.9	2,230	2,230	--
01104415	Base flow	2/23/2006	1435	--	--	.38	1.2	12.8	6.7	2,140	1,810	4.9
01104415	Stormflow	3/13/2006	1343	3/14/2006	1402	--	29	--	6.9	2,770	2,750	--
01104415	Base flow	4/21/2006	0830	--	--	.08	1.7	9.6	6.5	2,080	2,000	8.8
01104415	Stormflow	4/23/2006	0231	4/24/2006	1821	--	18	--	7.1	906	883	--
01104415	Stormflow	5/9/2006	1447	5/11/2006	0147	--	8.9	--	6.9	733	729	--
01104415	Stormflow	6/23/2006	1358	6/26/2006	1505	--	13	--	7.2	748	748	--
01104415	Base flow	7/18/2006	0715	--	--	.15	1.8	6.0	6.3	2,350	2,460	18.8
01104415	Stormflow	8/20/2006	0530	8/21/2006	1207	--	22	--	6.8	455	456	--
01104415	Base flow	9/27/2006	0930	--	--	.05	.90	9.2	6.8	2,310	2,300	12.4
01104420	Base flow	7/18/2006	0815	--	--	.10	9.7	3.5	6.6	1,120	1,140	23
01104430	Base flow	7/18/2006	0850	--	--	7.8	4	6.3	6.5	704	726	17.4
01104433	Base flow	11/14/2005	1325	--	--	.06	1.2	--	6.8	1,680	1,740	13.2
01104433	Base flow	12/15/2005	1510	--	--	.08	8.0	8.1	5.9	2,760	2,600	0.4
01104433	Stormflow	1/11/2006	2123	1/12/2006	1501	--	90	--	7.0	1,960	1,980	--
01104433	Stormflow	1/29/2006	1719	1/30/2006	0911	--	31	--	7.0	1,290	1,280	--
01104433	Base flow	2/23/2006	1350	--	--	.15	1.0	13.3	6.7	2,380	2,070	6.5
01104433	Stormflow	3/13/2006	1500	3/14/2006	1849	--	56	--	7.0	1,790	1,800	--
01104433	Base flow	4/21/2006	0915	--	--	.08	4.0	--	6.9	2,420	2,320	9.7
01104433	Stormflow	4/23/2006	1712	4/26/2006	0138	--	15	--	7.2	776	762	--
01104433	Stormflow	5/9/2006	1537	5/10/2006	1807	--	14	--	6.8	536	532	--
01104433	Stormflow	6/2/2006	1741	6/3/2006	1705	--	54	--	7.3	713	706	--
01104433	Stormflow	6/23/2006	1341	6/25/2006	1248	--	28	--	7.2	657	654	--

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; <, concentration is less than value shown; shaded areas indicate samples collected during storms; --, no data]

USGS station number	Sample type	Begin date	Begin time	End date	End time	Discharge, instantaneous, millions of gallons per day	Turbidity, water, unfiltered, NTRU	Dissolved oxygen, water, unfiltered, milligrams per liter	pH, water, unfiltered, field, standard units	Specific conductance, water, unfiltered, laboratory, microsiemens per centimeter at 25 degrees Celsius	Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius	Temperature, water, degrees Celsius
						P50051	P63676	P00300	P00400	P90095	P00095	P00010
01104433	Base flow	7/18/2006	0945	--	--	.08	7.9	4.0	6.6	1,730	1,850	20.7
01104433	Stormflow	8/20/2006	0426	8/21/2006	1531	--	16	--	7.0	505	505	--
01104433	Base flow	9/27/2006	1020	--	--	0.05	2.8	5.6	6.7	1,480	1,620	13.3
01104453	Base flow	7/18/2006	1100	--	--	.91	1.7	4.7	6.6	547	563	28.7
01104455	Base flow	11/14/2005	1425	--	--	.25	1.1	--	6.8	1,290	1,330	--
01104455	Base flow	12/15/2005	1530	--	--	.19	1.2	9.4	5.8	1,280	1,310	9.2
01104455	Base flow	2/23/2006	1200	--	--	.36	0.20	10.8	6.7	1,220	1,180	8.4
01104455	Base flow	4/21/2006	1010	--	--	.09	.60	9.7	6.9	1,340	1,280	10.0
01104455	Stormflow	4/23/2006	0220	4/24/2006	2234	--	34	--	6.7	315	306	--
01104455	Stormflow	5/9/2006	1300	5/11/2006	0920	--	28	--	6.7	349	344	--
01104455	Stormflow	6/23/2006	1348	6/23/2006	1744	--	81	--	6.7	175	176	--
01104455	Base flow	7/18/2006	1005	--	--	.16	.70	8.2	6.4	1,380	1,480	13.3
01104455	Stormflow	8/20/2006	0342	8/21/2006	0014	--	11	--	6.7	184	184	--
01104455	Base flow	9/27/2006	1120	--	--	.14	2.1	9.9	6.8	945	1,040	14.0
01104460	Base flow	11/14/2005	1450	--	--	25	1.0	--	7.0	487	495	9.7
01104460	Base flow	12/15/2005	1301	--	--	18	.70	13.8	6.2	445	465	0.9
01104460	Stormflow	1/29/2006	1703	1/31/2006	1259	--	2.4	--	7.1	529	524	--
01104460	Base flow	2/23/2006	1235	--	--	36	1.4	14.3	7.2	593	570	3
01104460	Stormflow	3/13/2006	2313	3/16/2006	0132	--	4.6	--	6.9	422	421	--
01104460	Base flow	4/21/2006	1130	--	--	7.8	4.1	9.8	7.2	486	442	13.4
01104460	Stormflow	4/23/2006	1503	4/25/2006	1901	--	4.2	--	7.4	426	413	--
01104460	Stormflow	5/9/2006	1318	5/11/2006	0706	--	4.4	--	7.2	405	403	--
01104460	Stormflow	6/23/2006	1349	6/25/2006	1103	--	4.5	--	7.2	393	395	--
01104460	Base flow	7/18/2006	1030	--	--	13	5.5	6.4	6.8	526	544	22.9
01104460	Stormflow	8/20/2006	0402	8/22/2006	1142	--	3.4	--	7.3	554	555	--
01104460	Base flow	9/27/2006	1150	--	--	14	4.5	9.7	7.0	603	666	16.2
01104475	Base flow	11/14/2005	1515	--	--	.84	1.1	--	7.4	263	256	11.1
01104475	Base flow	12/15/2005	1211	--	--	.84	.60	13.7	6.9	278	284	2.7
01104475	Stormflow	1/11/2006	2145	1/12/2006	0337	--	12	--	7.1	312	338	--
01104475	Stormflow	1/29/2006	1648	1/29/2006	2320	--	8.1	--	7.1	402	398	--
01104475	Base flow	2/23/2006	1310	--	--	1.10	2.0	14.6	7.3	278	265	5.2

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[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; <, concentration is less than value shown; shaded areas indicate samples collected during storms; --, no data]

USGS station number	Sample type	Begin date	Begin time	End date	End time	Discharge, instantaneous, millions of gallons per day	Turbidity, water, unfiltered, NTRU	Dissolved oxygen, water, unfiltered, milligrams per liter	pH, water, unfiltered, field, standard units	Specific conductance, water, unfiltered, laboratory, microsiemens per centimeter at 25 degrees Celsius	Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius	Temperature, water, degrees Celsius
						P50051	P63676	P00300	P00400	P90095	P00095	P00010
01104475	Stormflow	3/13/2006	2318	3/14/2006	2155	--	6.7	--	7.3	300	300	--
01104475	Base flow	4/21/2006	1215	--	--	0.30	3.4	9.6	7.7	297	265	14.2
01104475	Stormflow	4/23/2006	1929	4/24/2006	2354	--	19	--	7.3	256	255	--
01104475	Stormflow	5/9/2006	1322	5/10/2006	1230	--	15	--	7.3	235	233	--
01104475	Stormflow	6/23/2006	1651	6/25/2006	1638	--	12	--	7.4	201	203	--
01104475	Base flow	7/18/2006	1135	--	--	.30	6.0	7.4	7.1	267	268	21.6
01104475	Stormflow	8/20/2006	0416	8/21/2006	0411	--	23	--	7.4	219	221	--
01104475	Base flow	9/27/2006	1300	--	--	.10	1.0	10.9	7.5	302	333	14.0
422302071083802	--	12/19/2005	1130	--	--	--	1.1	--	6.9	549	552	--
422302071083802	--	5/11/2006	1130	--	--	--	1.0	--	7.5	529	521	--
422302071083802	--	7/27/2006	1130	--	--	--	1.5	--	7.4	472	478	--

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Calcium, water, filtered, milligrams per liter	Sodium, water, filtered, milligrams per liter	Chloride, water, filtered, milligrams per liter	Sulfate, water, filtered, milligrams per liter	Total nitrogen, water, unfiltered, milligrams per liter	Phosphorus, water, unfiltered, milligrams per liter	2,4,5-T, surrogate, water, filtered, percent recovery	2,4-D methyl ester, water, filtered, recoverable, micrograms per liter	2,4-D, water, filtered, recoverable, micrograms per liter	2,4-DB, water, filtered, recoverable, micrograms per liter	2-Chloro-4-isopropylamino-6-amino-s-triazine, water, filtered, recoverable, micrograms per liter	2-Chloro-6-ethylamino-4-amino-s-triazine, water, filtered, recoverable, micrograms per liter	2-Hydroxy-4-isopropylamino-6-ethylamino-s-triazine, water, filtered, recoverable, micrograms per liter
		P00915	P00930	P00940	P00945	P62855	P00665	P99958	P50470	P39732	P38746	P04040	P04038	P50355
01104390	7/18/2006	17.8	29.9	58.1	9.8	1.1	0.039	79.3	<0.19	<0.038	<0.020	<0.028	<0.08	<0.032
01104405	7/18/2006	44.7	169	332	10.5	0.79	.033	30	<.19	<.038	<.020	<.028	e.007	<.032
01104410	7/18/2006	16.2	40	72	8.11	.96	.064	80.5	<.19	<.038	<.020	<.028	<.08	<.032
01104415	11/14/2005	54.4	344	619	29.3	1.41	e.01	e338.9	<.016	<.038	<.02	<.028	<.08	--
01104415	12/15/2005	56.5	324	648	28.7	1.81	<.02	104.9	<.016	<.038	<.02	<.028	<.08	<.032
01104415	1/11/2006	42.4	380	714	30.5	1.57	.08	e221.0	<.016	<.038	<.02	<.028	<.08	<.032
01104415	1/29/2006	e55	e373	655	23.7	1.41	.06	e125.3	<.016	<.038	<.02	<.028	<.08	--
01104415	2/23/2006	47.2	308	600	25.6	1.61	.008	132.8	<.016	<.038	<.02	<.028	<.08	<.032
01104415	3/13/2006	47.3	449	793	57.6	2.31	.13	e171.7	<.016	<.038	<.02	<.028	<.08	<.032
01104415	4/21/2006	53	329	621	23.2	.97	.006	49.8	<.016	<.038	<.02	<.028	<.08	<.032
01104415	4/23/2006	21.1	137	238	13.3	1.17	.09	e189.9	<.016	e.200	<.02	<.028	<.08	<.032
01104415	5/9/2006	18.8	112	194	11.3	1.09	.09	58.7	<.016	e.168	<.02	<.028	<.08	<.032
01104415	6/23/2006	19.6	110	195	11.9	1.45	.1	64.4	<.19	.234	<.020	<.028	<.08	<.032
01104415	7/18/2006	e39	e363	676	23.1	1.14	.016	81.8	<.19	<.038	<.020	<.028	<.08	<.032
01104415	8/20/2006	11.8	68.5	116	9.42	1.23	.18	88.1	<.19	.25	<.020	<.028	<.08	<.032
01104415	9/27/2006	53.2	355	659	24.5	1.13	.007	71.2	<.19	<.038	<.020	<.028	<.08	<.032
01104420	7/18/2006	38.5	154	296	6.09	.9	.079	79.2	<.19	<.038	<.020	<.028	<.08	<.032
01104430	7/18/2006	22.8	95.8	184	11.1	.61	.014	79.6	<.19	<.038	<.020	<.028	<.08	<.032
01104433	11/14/2005	72	241	476	28.1	1.02	.03	e327.7	<.016	<.038	<.02	<.028	<.08	--
01104433	12/15/2005	94.8	374	789	37.6	3.12	.03	e151.9	<.016	<.038	<.02	<.028	<.08	<.032
01104433	1/11/2006	44	309	569	20.3	1.55	.11	e277.6	<.016	<.038	<.02	<.028	<.08	<.032
01104433	1/29/2006	31.2	199	362	19.2	1.23	.05	e141.6	<.016	<.038	<.02	<.028	<.08	--
01104433	2/23/2006	86.7	299	667	34.2	2.25	.018	136.9	<.016	<.038	<.02	<.028	<.08	<.032
01104433	3/13/2006	48.9	270	545	24.3	2.47	.11	e171.8	<.016	<.038	<.02	<.028	<.08	<.032
01104433	4/21/2006	112	312	716	33.2	1.86	.008	46.8	<.016	<.038	<.02	<.028	<.08	<.032
01104433	4/23/2006	29.8	102	199	13	1.28	.06	e173.6	<.016	<.038	<.02	<.028	<.08	<.032
01104433	5/9/2006	20.7	72.3	139	9.12	1.05	.07	--	--	--	--	--	--	--
01104433	6/2/2006	26	90.8	184	12	--	--	53.2	<.19	<.038	<.02	<.028	<.08	<.032
01104433	6/23/2006	24.7	87.1	165	12.5	1.92	.1	64.5	<.19	<.038	<.020	<.028	<.08	<.032

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Calcium, water, filtered, milligrams per liter	Sodium, water, filtered, milligrams per liter	Chloride, water, filtered, milli-grams per liter	Sulfate, water, filtered, milli-grams per liter	Total nitrogen, water, unfiltered, milli-grams per liter	Phos-phorus, water, un-filtered, milli-grams per liter	2,4,5-T, sur-rogate, water, filtered, percent recovery	2,4-D methyl ester, water, filtered, recover-able, mi-crograms per liter	2,4-D, water, filtered, recov-erable, micro-grams per liter	2,4-DB, water, filtered, recover-able, micro-grams per liter	2-Chloro-4-isopropylam-ino-6-amino-s-triazine, water, fil-tered, re-coverable, micrograms per liter	2-Chloro-6-ethylamino-4-amino-s-triazine, water, filtered, re-coverable, micrograms per liter	2-Hydroxy-4-isopropylami-no-6-ethylam-ino-s-triazine, water, fil-tered, re-coverable, micrograms per liter
		P00915	P00930	P00940	P00945	P62855	P00665	P99958	P50470	P39732	P38746	P04040	P04038	P50355
01104433	7/18/2006	70.2	232	475	27.7	2.1	.039	65.9	<.19	<.038	<.020	<.028	<.08	<.032
01104433	8/20/2006	21	65.2	123	11.8	1.33	0.11	69.4	<0.19	<0.038	<0.020	<0.028	<0.08	<0.032
01104433	9/27/2006	61.6	189	387	24	1.38	.023	64.8	<.19	<.038	<.020	<.028	<.08	<.032
01104453	7/18/2006	19.3	74	133	12.5	0.58	.027	74.9	<.19	<.038	<.020	<.028	<.08	<.032
01104455	11/14/2005	49	190	351	28.4	1.71	<.02	e260.1	<.016	<.038	<.02	<.028	<.08	--
01104455	12/15/2005	50.1	171	338	29.1	1.97	e.01	106	<.016	<.038	<.02	<.028	<.08	<.032
01104455	2/23/2006	41.3	166	318	27	1.71	.007	141.3	<.016	<.038	<.02	<.028	e.01	<.032
01104455	4/21/2006	50	178	353	29.2	2.29	<.020	53	<.016	<.038	<.02	<.034	e.009	<.032
01104455	4/23/2006	10.4	42.3	75.9	7.62	1.18	.12	e243.5	<.016	e.157	<.02	<.028	<.08	<.032
01104455	5/9/2006	12.9	48.7	87.8	8.64	1.14	.1	83.9	<.19	.101	<.020	<.028	<.08	<.032
01104455	6/23/2006	6.55	23.4	36.3	6.01	2.43	.36	71.7	<.19	<.038	<.020	<.028	<.08	<.032
01104455	7/18/2006	46.4	190	366	32.6	2.65	.01	78.7	<.19	<.038	<.020	<.028	<.08	<.032
01104455	8/20/2006	6.71	24.9	40.4	5.78	.96	.08	58.3	<.19	<.038	<.020	<.028	<.08	<.032
01104455	9/27/2006	31.5	130	232	25.5	1.68	.016	53.5	<.19	<.038	<.020	<.028	<.08	<.032
01104460	11/14/2005	21	66	124	14.6	.76	e.01	e291.8	<.016	<.038	<.02	<.028	<.08	--
01104460	12/15/2005	22.7	51.3	105	15.9	1.25	<.02	e122.1	<.016	<.038	<.02	<.028	<.08	<.032
01104460	1/29/2006	18.8	71.8	131	14.1	.9	.016	e146.0	<.016	<.038	<.02	<.028	<.08	--
01104460	2/23/2006	21.3	75.9	147	14.9	.95	.013	136	<.016	<.038	<.02	<.028	<.08	<.032
01104460	3/13/2006	18.1	51.1	98.1	13.4	1.05	.033	115.6	<.016	<.038	<.02	<.028	<.08	<.032
01104460	4/21/2006	23.5	56.8	118	15	.89	.015	53.1	<.016	<.038	<.02	<.028	<.08	e.003
01104460	4/23/2006	19.5	50.7	97.6	12.5	.89	.035	e153.3	<.016	<.038	<.02	<.028	<.08	<.032
01104460	5/9/2006	19	51.1	97.7	11	.81	.056	76.5	<.19	e.019	<.020	<.028	<.08	<.032
01104460	6/23/2006	17.2	50.9	93.7	10.2	.89	.042	73.1	<.19	e.017	<.020	<.028	<.08	<.032
01104460	7/18/2006	22.1	68.2	128	11.8	.78	.031	74	<.19	<.038	<.020	<.028	<.08	<.032
01104460	8/20/2006	21.7	75.5	138	10.2	.85	.027	76.6	<.19	<.038	<.020	<.028	<.08	<.032
01104460	9/27/2006	21.8	79.9	152	10.9	.55	.011	75.7	<.19	<.038	<.020	<.028	<.08	<.032
01104475	11/14/2005	16.9	27.9	44.9	20.2	1.84	e.01	e373.6	<.016	<.038	<.02	<.028	<.08	--
01104475	12/15/2005	19.2	26.5	43.4	20.5	2.4	<.02	106.4	<.016	<.038	<.02	<.028	<.08	<.032
01104475	1/11/2006	16.6	34.4	56.7	18.8	2.12	.05	e169.3	<.016	<.038	<.02	<.028	<.08	<.032

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USGS station number	Begin date	Calcium, water, filtered, milligrams per liter	Sodium, water, filtered, milligrams per liter	Chloride, water, filtered, milli-grams per liter	Sulfate, water, filtered, milli-grams per liter	Total nitrogen, water, unfiltered, milli-grams per liter	Phos-phorus, water, un-filtered, milli-grams per liter	2,4,5-T, sur-rogate, water, filtered, percent recovery	2,4-D methyl ester, water, filtered, recover-able, mi-crograms per liter	2,4-D, water, filtered, recov-erable, micro-grams per liter	2,4-DB, water, filtered, recover-able, micro-grams per liter	2-Chloro-4-isopropylam-ino-6-amino-s-triazine, water, fil-tered, re-coverable, micrograms per liter	2-Chloro-6-ethylamino-4-amino-s-triazine, water, filtered, re-coverable, micrograms per liter	2-Hydroxy-4-isopropylami-no-6-ethylam-ino-s-triazine, water, fil-tered, re-coverable, micrograms per liter
		P00915	P00930	P00940	P00945	P62855	P00665	P99958	P50470	P39732	P38746	P04040	P04038	P50355
01104475	1/29/2006	16	53	87.6	18.3	1.99	.03	e144.1	<.016	<.038	<.02	<.028	<.08	--
01104475	2/23/2006	17	26.7	46.6	19.4	1.99	.012	140.2	<.016	<.038	<.02	<.028	<.08	<.032
01104475	3/13/2006	17.1	32	55.6	17.3	2.05	0.04	133.4	<0.016	<0.038	<0.02	<0.028	<0.08	<0.032
01104475	4/21/2006	18.9	30.3	54.7	18.6	1.53	.01	58.7	<.016	<.038	<.02	<.028	<.08	<.032
01104475	4/23/2006	15.8	25.8	43.7	15.2	1.45	.1	e134.7	<.016	<.038	<.02	<.028	<.08	<.032
01104475	5/9/2006	15.3	23.8	39.3	13.4	1.3	.08	137.5	<.016	<.038	<.02	<.028	<.08	<.032
01104475	6/23/2006	12.6	19.6	31.1	13.6	1.64	.09	71.4	<.19	<.038	<.020	<.028	<.08	<.032
01104475	7/18/2006	16.4	28.2	46.8	16.1	1.5	.027	84.6	<.19	<.038	<.020	<.028	<.08	<.032
01104475	8/20/2006	13.8	23.9	33.7	12.9	1.58	.15	74	<.19	e.014	<.020	<.028	<.08	<.032
01104475	9/27/2006	18.9	30.4	48.5	17.1	1.59	.009	76.8	<.19	<.038	<.020	<.028	<.08	<.032
422302071083802	12/19/2005	23.7	68.1	136	13.6	0.76	<.02	92.7	<.016	<.038	<.02	<.028	<.08	e.003
422302071083802	5/11/2006	23.9	68.1	126	15.2	.9	.01	60.4	<.016	<.038	<.02	<.028	<.08	<.032
422302071083802	7/27/2006	20.1	59.1	113	12.9	.71	.008	78.3	<.19	<.038	<.020	<.028	<.08	<.032

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USGS station number	Begin date	3-Hydroxy carbofuran, water, filtered, recoverable, micrograms per liter	Acifluorfen, water, recoverable, micrograms per liter	Aldicarb sulfone, water, filtered, recoverable, micrograms per liter	Aldicarb sulfoxide, water, filtered, recoverable, micrograms per liter	Aldicarb, water, filtered, recoverable, micrograms per liter	Atrazine, water, filtered, recoverable, micrograms per liter	Barban, surrogate, water, filtered, percent recovery	Bendiocarb, water, filtered, recoverable, micrograms per liter	Benomyl, water, filtered, recoverable, micrograms per liter	Bensulfuron-methyl, water, filtered, recoverable, micrograms per liter	Bentazon, water, filtered, recoverable, micrograms per liter	Bromacil, water, filtered, recoverable, micrograms per liter	Bromoxynil, water, filtered, recoverable, micrograms per liter	Caffeine, water, filtered, recoverable, micrograms per liter
		P49308	P49315	P49313	P49314	P49312	P39632	P90640	P50299	P50300	P61693	P38711	P04029	P49311	P50305
01104390	7/18/2006	<0.008	<0.028	<0.018	<0.10	<0.15	<0.008	69.9	<0.080	<0.022	<0.018	<0.024	<0.018	<0.044	<0.018
01104405	7/18/2006	<.008	<.028	<.018	<.10	<.15	<.008	29.7	<.080	<.022	<.018	<.024	<.018	<.044	<.018
01104410	7/18/2006	<.008	<.028	<.018	<.10	<.15	<.008	84.6	<.080	<.022	<.018	<.024	<.018	<.044	<.018
01104415	11/14/2005	<.008	<.028	<.018	<.022	<.04	<.008	123.3	<.02	<.022	<.018	<.012	<.018	<.028	<.023
01104415	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	123.8	<.02	<.022	<.018	<.012	<.018	<.028	.019
01104415	1/11/2006	<.008	<.028	<.018	<.022	<.04	<.008	e166.4	<.02	<.022	<.018	<.012	<.018	<.028	e1.40
01104415	1/29/2006	<.008	<.028	<.018	<.022	<.04	<.008	e146.3	<.02	<.022	<.018	<.012	<.018	<.028	e.882
01104415	2/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	123.2	<.02	<.022	<.018	<.012	<.018	<.028	<.018
01104415	3/13/2006	<.008	<.028	<.018	<.022	<.04	<.008	239.9	<.02	<.022	<.018	<.012	<.018	<.028	e1.82
01104415	4/21/2006	<.008	--	<.018	<.022	<.04	<.008	93.4	<.02	<.022	<.018	<.012	<.018	<.028	e.014
01104415	4/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	e68.9	<.02	<.022	<.018	<.012	<.018	<.028	e.913
01104415	5/9/2006	<.008	<.028	<.018	<.022	<.04	<.008	78.1	<.02	<.022	<.018	<.012	<.018	<.028	.716
01104415	6/23/2006	<.008	<.028	<.018	<.10	<.15	<.008	39.5	<.080	<.022	<.018	<.024	<.018	<.044	.204
01104415	7/18/2006	<.008	<.028	<.018	<.10	<.15	<.008	85	<.080	<.022	<.018	<.024	<.018	<.044	<.018
01104415	8/20/2006	<.008	<.028	<.018	<.10	<.15	<.008	28.4	<.080	<.022	<.018	<.024	<.018	<.044	.785
01104415	9/27/2006	<.008	<.028	<.018	<.10	<.15	<.008	77	<.080	<.022	<.018	<.024	<.018	<.044	e.008
01104420	7/18/2006	<.008	<.028	<.018	<.10	<.15	<.008	89.5	<.080	<.022	<.018	<.024	<.018	<.044	<.018
01104430	7/18/2006	<.008	<.028	<.018	<.10	<.15	<.008	88	<.080	<.022	<.018	<.024	<.018	<.044	<.018
01104433	11/14/2005	<.008	<.028	<.018	<.022	<.04	<.008	95.7	<.02	<.022	<.018	<.012	<.018	<.028	.15
01104433	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	e86.9	<.02	<.022	<.018	<.012	<.018	<.028	e.301
01104433	1/11/2006	<.008	<.028	<.018	<.022	<.04	<.008	e125.9	<.02	<.022	<.018	<.012	<.018	<.028	e1.05
01104433	1/29/2006	<.008	<.028	<.018	<.022	<.04	<.008	e135.8	<.02	<.022	<.018	<.012	<.018	<.028	e.613
01104433	2/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	115.8	<.02	<.022	<.018	<.012	<.018	<.028	.243
01104433	3/13/2006	<.008	<.028	<.018	<.022	<.04	<.008	e379.1	<.02	<.022	<.018	<.012	<.018	<.028	e1.65
01104433	4/21/2006	<.008		<.018	<.022	<.04	<.008	88.6	<.02	<.022	<.018	<.012	<.018	<.028	.195
01104433	4/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	e136.9	<.02	<.022	<.018	<.012	<.018	<.028	.287
01104433	5/9/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01104433	6/2/2006	<.008	<.028	<.018	<.102	<.15	<.008	57.7	<.08	<.022	<.018	<.024	<.018	<.044	.165
01104433	6/23/2006	<.008	<.028	<.018	<.10	<.15	<.008	47.2	<.080	<.022	<.018	<.024	<.018	<.044	.204

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	3-Hydroxy carbofuran, water, filtered, recoverable, micrograms per liter	Acifluorfen, water, recoverable, micrograms per liter	Aldicarb sulfone, water, filtered, recoverable, micrograms per liter	Aldicarb sulfoxide, water, filtered, recoverable, micrograms per liter	Aldicarb, water, filtered, recoverable, micrograms per liter	Atrazine, water, filtered, recoverable, micrograms per liter	Barban, surrogate, water, filtered, percent recovery	Bendiocarb, water, filtered, recoverable, micrograms per liter	Benomyl, water, filtered, recoverable, micrograms per liter	Bensulfuron-methyl, water, filtered, recoverable, micrograms per liter	Bentazon, water, filtered, recoverable, micrograms per liter	Bromacil, water, filtered, recoverable, micrograms per liter	Bromoxynil, water, filtered, recoverable, micrograms per liter	Caffeine, water, filtered, recoverable, micrograms per liter
		P49308	P49315	P49313	P49314	P49312	P39632	P90640	P50299	P50300	P61693	P38711	P04029	P49311	P50305
01104433	7/18/2006	<.008	<.028	<.018	<.10	<.15	<.008	61.4	<.080	<.022	<.018	<.024	<.018	<.044	.13
01104433	8/20/2006	<0.008	<0.028	<0.018	<0.10	<0.15	<0.008	51.1	<0.080	<0.022	<0.018	<0.024	<0.018	<0.044	0.173
01104433	9/27/2006	<.008	<.028	<.018	<.10	<.15	<.008	63	<.080	<.022	<.018	<.024	<.018	<.044	.075
01104453	7/18/2006	<.008	<.028	<.018	<.10	<.15	<.008	95.4	<.080	<.022	<.018	<.024	<.018	<.044	e.006
01104455	11/14/2005	<.008	<.028	<.018	<.022	<.04	<.008	110.1	<.02	<.022	<.018	<.012	<.018	<.028	<.019
01104455	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	125.9	<.02	e.015	<.018	<.012	<.018	<.028	<.018
01104455	2/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	115.3	<.02	e.012	<.018	<.012	<.018	<.028	<.018
01104455	4/21/2006	<.008	--	<.018	<.022	<.04	<.010	86.6	<.02	e.011	<.018	<.012	<.018	<.028	<.018
01104455	4/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	e175.7	<.02	<.022	<.018	<.012	<.018	<.028	.233
01104455	5/9/2006	<.008	<.028	<.018	<.10	<.15	<.008	40.3	<.080	<.022	<.018	<.024	<.018	<.044	.178
01104455	6/23/2006	<.008	<.028	<.018	<.10	<.15	<.008	45.7	<.080	<.022	<.018	<.024	<.018	<.044	.167
01104455	7/18/2006	<.008	<.028	<.018	<.10	<.15	<.008	88.2	<.080	<.022	<.018	<.024	<.018	<.044	<.018
01104455	8/20/2006	<.008	<.028	<.018	<.10	<.15	<.008	25.7	<.080	<.022	<.018	<.024	<.018	<.044	.161
01104455	9/27/2006	<.008	<.028	<.018	<.10	<.15	<.008	87.3	<.080	<.022	<.018	<.024	<.018	<.044	e.018
01104460	11/14/2005	<.008	<.028	<.018	<.022	<.04	<.008	122.3	<.02	<.022	<.018	<.012	<.018	<.028	e.007
01104460	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	113.5	<.02	<.022	<.018	<.012	<.018	<.028	e.010
01104460	1/29/2006	<.008	<.028	<.018	<.022	<.04	<.008	e138.5	<.02	<.022	<.018	<.012	<.018	<.028	<.018
01104460	2/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	114.6	<.02	<.022	<.018	<.012	<.018	<.028	e.013
01104460	3/13/2006	<.008	<.028	<.018	<.022	<.04	<.008	106.4	<.02	<.022	<.018	<.012	<.018	<.028	.033
01104460	4/21/2006	<.008	--	<.018	<.022	<.04	<.010	89.4	<.02	<.022	<.018	<.012	<.018	<.028	e.005
01104460	4/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	e164.2	<.02	<.022	<.018	<.012	<.018	<.028	.023
01104460	5/9/2006	<.008	<.028	<.018	<.10	<.15	<.008	95	<.080	<.022	<.018	<.024	<.018	<.044	e.016
01104460	6/23/2006	<.008	<.028	<.018	<.10	<.15	<.008	72.3	<.080	<.022	<.018	<.024	<.018	<.044	e.011
01104460	7/18/2006	<.008	<.028	<.018	<.10	<.15	<.008	78.8	<.080	<.022	<.018	<.024	<.018	<.044	<.018
01104460	8/20/2006	<.008	<.028	<.018	<.10	<.15	<.008	82.7	<.080	<.022	<.018	<.024	<.018	<.044	e.016
01104460	9/27/2006	<.008	<.028	<.018	<.10	<.15	<.008	98.5	<.080	<.022	<.018	<.024	<.018	<.044	<.018
01104475	11/14/2005	<.008	<.028	<.018	<.022	<.04	<.008	138.5	<.02	e.013	<.018	<.012	<.018	<.028	<.018
01104475	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	81.2	<.02	e.010	<.018	<.012	<.018	<.028	e.013
01104475	1/11/2006	<.008	<.028	<.018	<.022	<.04	<.008	e137.5	<.02	e.010	<.018	<.012	<.018	<.028	e.039
01104475	1/29/2006	<.008	<.028	<.018	<.022	<.04	<.008	e128.8	<.02	e.012	<.018	<.012	<.018	<.028	e.083

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	3-Hydroxy carbofuran, water, filtered, recoverable, micrograms per liter	Acifluorfen, water, recoverable, micrograms per liter	Aldicarb sulfone, water, filtered, recoverable, micrograms per liter	Aldicarb sulfoxide, water, filtered, recoverable, micrograms per liter	Aldicarb, water, filtered, recoverable, micrograms per liter	Atrazine, water, filtered, recoverable, micrograms per liter	Barban, surrogate, water, filtered, percent recovery	Bendiocarb, water, filtered, recoverable, micrograms per liter	Benomyl, water, filtered, recoverable, micrograms per liter	Bensulfuron-methyl, water, filtered, recoverable, micrograms per liter	Bentazon, water, filtered, recoverable, micrograms per liter	Bromacil, water, filtered, recoverable, micrograms per liter	Bromoxynil, water, filtered, recoverable, micrograms per liter	Caffeine, water, filtered, recoverable, micrograms per liter
		P49308	P49315	P49313	P49314	P49312	P39632	P90640	P50299	P50300	P61693	P38711	P04029	P49311	P50305
01104475	2/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	124.8	<.02	e.012	<.018	<.012	<.018	<.028	<.018
01104475	3/13/2006	<0.008	<0.028	<0.018	<0.022	<0.04	<0.008	141.2	<0.02	e0.015	<0.018	<0.012	<0.018	<0.028	0.024
01104475	4/21/2006	<.008	--	<.018	<.022	<.04	<.008	101.1	<.02	e.015	<.018	<.012	<.018	<.028	<.018
01104475	4/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	e137.8	<.02	e.022	<.018	<.012	<.018	<.028	.023
01104475	5/9/2006	<.008	<.028	<.018	<.022	<.04	<.008	82.1	<.02	e.012	<.018	<.012	<.018	<.028	e.017
01104475	6/23/2006	<.008	<.028	<.018	<.10	<.15	<.008	69.7	<.080	e.010	<.018	<.024	<.018	<.044	.03
01104475	7/18/2006	<.008	<.028	<.018	<.10	<.15	<.008	75.9	<.080	<.022	<.018	<.024	<.018	<.044	e.010
01104475	8/20/2006	<.008	<.028	<.018	<.10	<.15	<.008	79	<.080	<.022	<.018	<.024	<.018	<.044	e.009
01104475	9/27/2006	<.008	<.028	<.018	<.10	<.15	<.008	87.2	<.080	e.044	<.018	<.024	<.018	<.044	<.018
422302071083802	12/19/2005	<.008	<.028	<.018	<.022	<.04	<.008	125.1	<.02	<.022	<.018	<.012	<.018	<.028	.03
422302071083802	5/11/2006	<.008	<.028	<.018	<.022	<.04	<.008	121.6	<.02	<.022	<.018	<.012	<.018	<.028	e.017
422302071083802	7/27/2006	<.008	<.028	<.018	<.10	<.15	<.008	100.8	<.080	<.022	<.018	<.024	<.018	<.044	e.003

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Caffeine-13C, surrogate, water, filtered, percent recovery	Carbaryl, water, filtered, recoverable, micrograms per liter	Carbofuran, water, filtered, recoverable, micrograms per liter	Chloramben methyl ester, water, filtered, recoverable, micrograms per liter	Chlorimuron, water, filtered, recoverable, micrograms per liter	Chlorodiamino-s-triazine, water, filtered, recoverable, micrograms per liter	Clopyralid, water, filtered, recoverable, micrograms per liter	Cycloate, water, filtered, recoverable, micrograms per liter	Dacthal monoacid, water, filtered, recoverable, micrograms per liter	Dicamba, water, filtered, recoverable, micrograms per liter	Dichlorprop, water, filtered, recoverable, micrograms per liter	Dinoseb, water, filtered, recoverable, micrograms per liter	Diphenamid, water, filtered, recoverable, micrograms per liter
		P99959	P49310	P49309	P61188	P50306	P04039	P49305	P04031	P49304	P38442	P49302	P49301	P04033
01104390	7/18/2006	63	<0.018	<0.016	<0.024	<0.032	<0.04	<0.067	<0.014	<0.028	<0.036	<0.028	<0.038	<0.01
01104405	7/18/2006	24.7	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104410	7/18/2006	61.6	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104415	11/14/2005	e91.1	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	--	<.028	<.038	<.01
01104415	12/15/2005	105.3	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	1/11/2006	e104.3	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	1/29/2006	e103.1	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	2/23/2006	101.8	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	3/13/2006	83.1	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	4/21/2006	64.4	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	--	<.01
01104415	4/23/2006	e134.2	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	5/9/2006	68.6	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	6/23/2006	42.6	.048	<.016	<.024	<.032	--	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104415	7/18/2006	71.5	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104415	8/20/2006	46.3	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104415	9/27/2006	57.7	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104420	7/18/2006	69.7	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104430	7/18/2006	65.8	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104433	11/14/2005	e99.4	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	--	<.028	<.038	<.01
01104433	12/15/2005	e80.8	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104433	1/11/2006	e82.8	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104433	1/29/2006	e91.6	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104433	2/23/2006	90.4	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104433	3/13/2006	e85.4	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104433	4/21/2006	57.1	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	--	<.01
01104433	4/23/2006	110.5	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104433	5/9/2006	--	--	--	--	--	--	--	--	--	--	--	--	--
01104433	6/2/2006	45.3	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104433	6/23/2006	50.2	<.018	<.016	<.024	<.032	--	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104433	7/18/2006	51.2	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Caffeine-13C, surrogate, water, filtered, percent recovery	Carbaryl, water, filtered, recoverable, micrograms per liter	Carbofuran, water, filtered, recoverable, micrograms per liter	Chloramben methyl ester, water, filtered, recoverable, micrograms per liter	Chlorimuron, water, filtered, recoverable, micrograms per liter	Chlorodiamino-s-triazine, water, filtered, recoverable, micrograms per liter	Clopyralid, water, filtered, recoverable, micrograms per liter	Cycloate, water, filtered, recoverable, micrograms per liter	Dacthal monoacid, water, filtered, recoverable, micrograms per liter	Dicamba, water, filtered, recoverable, micrograms per liter	Dichlorprop, water, filtered, recoverable, micrograms per liter	Dinoseb, water, filtered, recoverable, micrograms per liter	Diphenamid, water, filtered, recoverable, micrograms per liter
		P99959	P49310	P49309	P61188	P50306	P04039	P49305	P04031	P49304	P38442	P49302	P49301	P04033
01104433	8/20/2006	44.3	<0.018	<0.016	<0.024	<0.032	<0.04	<0.067	<0.014	<0.028	<0.036	<0.028	<0.038	<0.01
01104433	9/27/2006	40.4	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104453	7/18/2006	48.2	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104455	11/14/2005	e93.4	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	--	<.028	<.038	<.01
01104455	12/15/2005	93.5	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104455	2/23/2006	96.7	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104455	4/21/2006	71	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	--	<.01
01104455	4/23/2006	103.8	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104455	5/9/2006	76.5	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104455	6/23/2006	72	<.018	<.016	<.024	<.032	--	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104455	7/18/2006	56.6	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104455	8/20/2006	55.1	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104455	9/27/2006	68.3	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104460	11/14/2005	e91.2	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104460	12/15/2005	77.8	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104460	1/29/2006	e103.3	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104460	2/23/2006	97.9	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104460	3/13/2006	97.7	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104460	4/21/2006	63.2	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	--	<.01
01104460	4/23/2006	111.5	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104460	5/9/2006	52.4	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104460	6/23/2006	53.1	<.018	<.016	<.024	<.032	--	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104460	7/18/2006	49.3	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104460	8/20/2006	61.3	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104460	9/27/2006	51.9	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104475	11/14/2005	e88.7	.076	<.016	<.024	<.032	<.04	<.024	<.014	<.028	--	<.028	<.038	<.01
01104475	12/15/2005	100.3	e.021	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104475	1/11/2006	e102.3	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104475	1/29/2006	e96.6	e.014	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104475	2/23/2006	103.7	e.012	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Caffeine-13C, surrogate, water, filtered, percent recovery	Carbaryl, water, filtered, recoverable, micrograms per liter	Carbofuran, water, filtered, recoverable, micrograms per liter	Chloramben methyl ester, water, filtered, recoverable, micrograms per liter	Chlorimuron, water, filtered, recoverable, micrograms per liter	Chlorodiamino-s-triazine, water, filtered, recoverable, micrograms per liter	Clopyralid, water, filtered, recoverable, micrograms per liter	Cycloate, water, filtered, recoverable, micrograms per liter	Dacthal monoacid, water, filtered, recoverable, micrograms per liter	Dicamba, water, filtered, recoverable, micrograms per liter	Dichlorprop, water, filtered, recoverable, micrograms per liter	Dinoseb, water, filtered, recoverable, micrograms per liter	Diphenamid, water, filtered, recoverable, micrograms per liter
		P99959	P49310	P49309	P61188	P50306	P04039	P49305	P04031	P49304	P38442	P49302	P49301	P04033
01104475	3/13/2006	100.2	e.010	<0.016	<0.024	<0.032	<0.04	<0.024	<0.014	<0.028	<0.036	<0.028	<0.038	<0.01
01104475	4/21/2006	69.6	<0.023	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	--	<.01
01104475	4/23/2006	118.6	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104475	5/9/2006	77.6	e.002	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104475	6/23/2006	56.4	e.006	<.016	<.024	<.032	--	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104475	7/18/2006	64.2	e.014	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.010
01104475	8/20/2006	63	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.010
01104475	9/27/2006	60	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.010
422302071083802	12/19/2005	82.8	e.006	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
422302071083802	5/11/2006	105.4	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
422302071083802	7/27/2006	49.4	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Diuron, water, filtered, recoverable, micrograms per liter	Fenuron, water, filtered, recoverable, micrograms per liter	Flumetsulam, water, filtered, recoverable, micrograms per liter	Fluometuron, water, filtered, recoverable, micrograms per liter	Imazaquin, water, filtered, recoverable, micrograms per liter	Imazethapyr, water, filtered, recoverable, micrograms per liter	Imidacloprid, water, filtered, recoverable, micrograms per liter	Linuron, water, filtered, recoverable, micrograms per liter	MCPA, water, filtered, recoverable, micrograms per liter	MCPB, water, filtered, recoverable, micrograms per liter	Metalaxyl, water, filtered, recoverable, micrograms per liter	Methiocarb, water, filtered, recoverable, micrograms per liter	Methomyl, water, filtered, recoverable, micrograms per liter
		P49300	P49297	P61694	P38811	P50356	P50407	P61695	P38478	P38482	P38487	P50359	P38501	P49296
01104390	7/18/2006	<0.016	<0.10	<0.04	<0.016	<0.036	<0.038	<0.02	<0.014	<0.070	<0.10	<0.030	<0.034	<0.070
01104405	7/18/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
01104410	7/18/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
01104415	11/14/2005	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104415	12/15/2005	<.015	<.019	<.04	<.016	<.036	<.038	e.008	<.014	<.03	<.01	<.012	<.01	<.02
01104415	1/11/2006	<.016	<.019	<.04	<.016	<.036	<.038	<.02	<.014		<.01	<.012	<.01	<.02
01104415	1/29/2006	<.016	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104415	2/23/2006	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104415	3/13/2006	<.016	<.019	<.04	<.016	e4.98	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104415	4/21/2006	<.020	<.018	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104415	4/23/2006	<.016	<.018	<.04	<.016	<.036	<.038	<.02	<.014	e.004	<.01	<.012	<.01	<.02
01104415	5/9/2006	<.016	<.018	.371	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104415	6/23/2006	<.016	<.10	<.04	<.016	<.036	<.038	.056	<.014	<.070	<.10	<.030	<.034	<.070
01104415	7/18/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
01104415	8/20/2006	<.016	<.10	<.04	<.016	<.036	<.038	.032	<.014	<.070	<.10	<.030	<.034	<.070
01104415	9/27/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
01104420	7/18/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
01104430	7/18/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
01104433	11/14/2005	e.097	<.019	.407	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104433	12/15/2005	e.027	<.019	.142	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104433	1/11/2006	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014		<.01	<.012	<.01	<.02
01104433	1/29/2006	<.016	<.019	<.04	<.016	<.036	<.038	e.069	<.014	<.03	<.01	<.012	<.01	<.02
01104433	2/23/2006	.015	<.019	<.04	<.016	<.036	<.038	e.060	<.014	<.03	<.01	<.012	<.01	<.02
01104433	3/13/2006	<.016	<.019	<.04	<.016	e8.88	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104433	4/21/2006	<.020	<.018	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104433	4/23/2006	<.016	<.018	e1.42	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104433	5/9/2006	--	--	--	--	--	--	--	--	--	--	--	--	--
01104433	6/2/2006	<.015	<.1	<.04	<.016	<.036	<.038	<.02	<.014	<.07	<.1	<.03	<.034	<.07
01104433	6/23/2006	<.016	<.10	<.04	<.016	<.036	<.038	.788	<.014	<.070	<.10	<.030	<.034	<.070
01104433	7/18/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Diuron, water, filtered, recoverable, micrograms per liter	Fenuron, water, filtered, recoverable, micrograms per liter	Flumetsulam, water, filtered, recoverable, micrograms per liter	Fluometuron, water, filtered, recoverable, micrograms per liter	Imazaquin, water, filtered, recoverable, micrograms per liter	Imazethapyr, water, filtered, recoverable, micrograms per liter	Imidaclopprid, water, filtered, recoverable, micrograms per liter	Linuron, water, filtered, recoverable, micrograms per liter	MCPA, water, filtered, recoverable, micrograms per liter	MCPB, water, filtered, recoverable, micrograms per liter	Metalaxyl, water, filtered, recoverable, micrograms per liter	Methiocarb, water, filtered, recoverable, micrograms per liter	Methomyl, water, filtered, recoverable, micrograms per liter
		P49300	P49297	P61694	P38811	P50356	P50407	P61695	P38478	P38482	P38487	P50359	P38501	P49296
01104433	8/20/2006	<0.016	<0.10	<0.04	<0.016	<0.036	<0.038	<0.02	<0.014	<0.070	<0.10	<0.030	<0.034	<0.070
01104433	9/27/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
01104453	7/18/2006	<.016	<.10	<.04	<.016	<.036	<.038	e.018	<.014	<.070	<.10	e.007	<.034	<.070
01104455	11/14/2005	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104455	12/15/2005	<.015	<.019	<.04	<.016	<.036	<.038	e.009	<.014	<.03	<.01	<.012	<.01	<.02
01104455	2/23/2006	<.015	<.019	<.04	<.016	<.036	<.038	e.006	<.014	<.03	<.01	<.012	<.01	<.02
01104455	4/21/2006	<.019	<.120	<.04	<.016	<.036	<.038	e.006	<.014	<.03	<.01	<.012	<.01	<.02
01104455	4/23/2006	<.016	<.018	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104455	5/9/2006	<.187	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
01104455	6/23/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	e.027	<.10	<.030	<.034	<.070
01104455	7/18/2006	<.016	<.10	<.04	<.016	<.036	<.038	.029	<.014	<.070	<.10	<.030	<.034	<.070
01104455	8/20/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
01104455	9/27/2006	<.016	<.10	<.04	<.016	e.071	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
01104460	11/14/2005	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104460	12/15/2005	<.015	<.019	<.04	<.016	<.036	<.038	e.015	<.014	<.03	<.01	<.012	<.01	<.02
01104460	1/29/2006	<.015	<.019	<.04	<.016	<.036	<.038	e.021	<.014	<.03	<.01	<.012	<.01	<.02
01104460	2/23/2006	<.015	<.019	<.04	<.016	<.036	<.038	e.021	<.014	<.03	<.01	<.012	<.01	<.02
01104460	3/13/2006	<.016	<.019	<.04	<.016	e.152	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104460	4/21/2006	<.021	<.129	<.04	<.016	<.036	<.038	e.013	<.014	<.03	<.01	<.012	<.01	<.02
01104460	4/23/2006	<.016	<.018	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104460	5/9/2006	.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	e.014	<.10	<.030	<.034	<.070
01104460	6/23/2006	<.016	<.10	<.04	<.016	<.036	<.038	.05	<.014	<.070	<.10	<.030	<.034	<.070
01104460	7/18/2006	<.016	<.10	<.04	<.016	<.036	<.038	e.010	<.014	<.070	<.10	<.030	<.034	<.070
01104460	8/20/2006	<.003	<.10	<.04	<.016	<.036	<.038	e.010	<.014	<.070	<.10	<.030	<.034	<.070
01104460	9/27/2006	<.016	<.10	<.04	<.016	<.036	<.038	e.006	<.014	<.070	<.10	<.030	<.034	<.070
01104475	11/14/2005	<.015	<.019	<.04	e.004	<.036	<.038	e.614	<.014	<.03	<.01	.044	<.01	<.02
01104475	12/15/2005	<.015	<.019	<.04	<.016	<.036	<.038	.335	<.014	<.03	<.01	<.012	<.01	<.02
01104475	1/11/2006	<.016	<.019	<.04	<.016	<.036	<.038	e.388	<.014	--	<.01	e.039	<.01	<.02
01104475	1/29/2006	<.016	<.019	<.04	<.016	<.036	<.038	e.364	<.014	<.03	<.01	e.039	<.01	<.02
01104475	2/23/2006	<.016	<.019	<.04	<.016	<.036	<.038	e.379	<.014	<.03	<.01	.047	<.01	<.02

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Diuron, water, filtered, recoverable, micrograms per liter	Fenuron, water, filtered, recoverable, micrograms per liter	Flumetsulam, water, filtered, recoverable, micrograms per liter	Fluometuron, water, filtered, recoverable, micrograms per liter	Imazaquin, water, filtered, recoverable, micrograms per liter	Imazethapyr, water, filtered, recoverable, micrograms per liter	Imidaclopprid, water, filtered, recoverable, micrograms per liter	Linuron, water, filtered, recoverable, micrograms per liter	MCPA, water, filtered, recoverable, micrograms per liter	MCPB, water, filtered, recoverable, micrograms per liter	Metalaxyl, water, filtered, recoverable, micrograms per liter	Methiocarb, water, filtered, recoverable, micrograms per liter	Methomyl, water, filtered, recoverable, micrograms per liter
		P49300	P49297	P61694	P38811	P50356	P50407	P61695	P38478	P38482	P38487	P50359	P38501	P49296
01104475	3/13/2006	<0.016	<0.019	<0.04	<0.016	e0.005	<0.038	0.305	<0.014	<0.03	<0.01	0.045	<0.01	<0.02
01104475	4/21/2006	<.016	<.018	<.04	<.016	<.036	<.038	.141	<.014	<.03	<.01	e.016	<.01	<.02
01104475	4/23/2006	<.016	<.018	<.04	<.016	<.036	<.038	.184	<.014	<.03	<.01	e.027	<.01	<.02
01104475	5/9/2006	<.016	<.018	<.04	<.016	<.036	<.038	.142	<.014	e.050	<.01	e.014	<.01	<.02
01104475	6/23/2006	<.016	<.10	<.04	<.016	<.036	<.038	.331	<.014	<.070	<.10	e.017	<.034	<.070
01104475	7/18/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	e.016	<.034	<.070
01104475	8/20/2006	<.016	<.10	<.04	<.016	<.036	<.038	.106	<.014	<.070	<.10	e.016	<.034	<.070
01104475	9/27/2006	<.016	<.10	<.04	<.016	<.036	<.038	.089	<.014	<.070	<.10	e.013	<.034	<.070
422302071083802	12/19/2005	<.015	<.019	<.04	<.016	<.036	<.038	.02	<.014	<.03	<.01	<.012	<.01	<.02
422302071083802	5/11/2006	<.016	<.018	<.04	<.016	<.036	<.038	e.009	<.014	<.03	<.01	<.012	<.01	<.02
422302071083802	7/27/2006	<.016	<.10	<.04	<.016	<.036	<.038	e.009	<.014	<.070	<.10	<.030	<.034	<.070

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Metsulfuron, water, filtered, recoverable, micrograms per liter	N-(4-Chlorophenyl)-N′-methylurea, water, filtered, recoverable, micrograms per liter	Neburon, water, filtered, recoverable, micrograms per liter	Nicosulfuron, water, filtered, recoverable, micrograms per liter	Norflurazon, water, filtered, recoverable, micrograms per liter	Oryzalin, water, filtered, recoverable, micrograms per liter	Oxamyl, water, filtered, recoverable, micrograms per liter	Picloram, water, filtered, recoverable, micrograms per liter	Propham, water, filtered recoverable, micrograms per liter	Propiconazole, water, filtered, recoverable, micrograms per liter	Propoxur, water, filtered, recoverable, micrograms per liter	Siduron, water, filtered, recoverable, micrograms per liter
		P61697	P61692	P49294	P50364	P49293	P49292	P38866	P49291	P49236	P50471	P38538	P38548
01104390	7/18/2006	<0.067	<0.036	<0.012	<0.04	<0.02	<0.023	<0.05	<0.032	<0.03	<0.01	<0.008	<0.02
01104405	7/18/2006	<.067	<.036	<.012	<.04	e.085	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104410	7/18/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104415	11/14/2005	--	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104415	12/15/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104415	1/11/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104415	1/29/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	e.007
01104415	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104415	3/13/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104415	4/21/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	e.007
01104415	4/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	e.696
01104415	5/9/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	.118
01104415	6/23/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	e.009
01104415	7/18/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104415	8/20/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104415	9/27/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104420	7/18/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104430	7/18/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104433	11/14/2005	--	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104433	12/15/2005	e.297	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104433	1/11/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104433	1/29/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104433	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104433	3/13/2006	e3.90	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104433	4/21/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	e.018
01104433	4/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	.741
01104433	5/9/2006	--	--	--	--	--	--	--	--	--	--	--	--
01104433	6/2/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	e.061

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Metsulfuron, water, filtered, recoverable, micrograms per liter	N-(4-Chlorophenyl)-N′-methylurea, water, filtered, recoverable, micrograms per liter	Neburon, water, filtered, recoverable, micrograms per liter	Nicosulfuron, water, filtered, recoverable, micrograms per liter	Norflurazon, water, filtered, recoverable, micrograms per liter	Oryzalin, water, filtered, recoverable, micrograms per liter	Oxamyl, water, filtered, recoverable, micrograms per liter	Picloram, water, filtered, recoverable, micrograms per liter	Propham, water, filtered recoverable, micrograms per liter	Propiconazole, water, filtered, recoverable, micrograms per liter	Propoxur, water, filtered, recoverable, micrograms per liter	Siduron, water, filtered, recoverable, micrograms per liter
		P61697	P61692	P49294	P50364	P49293	P49292	P38866	P49291	P49236	P50471	P38538	P38548
01104433	6/23/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	e.010
01104433	7/18/2006	<.067	<.036	<.012	<.04	<.02	<.023	e.003	<.032	<.03	<.01	<.008	<.02
01104433	8/20/2006	<0.067	<0.036	<0.012	<0.04	<0.02	<0.023	<0.05	<0.032	<0.03	<0.01	<0.008	<0.02
01104433	9/27/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104453	7/18/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104455	11/14/2005	--	<.036	<.012	<.04	.148	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104455	12/15/2005	<.025	<.036	<.012	<.04	.139	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104455	2/23/2006	<.067	<.036	<.012	<.04	.163	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104455	4/21/2006	<.067	<.036	<.012	<.04	.074	<.012	<.03	<.032	<.03	<.01	<.008	<.024
01104455	4/23/2006	<.067	<.036	<.012	<.04	.044	<.012	<.03	<.032	<.03	<.01	<.008	.162
01104455	5/9/2006	<.067	<.036	<.012	<.04	.047	<.023	<.05	<.032	<.03	<.01	<.008	e.032
01104455	6/23/2006	<.067	<.036	<.012	<.04	.051	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104455	7/18/2006	<.067	<.036	<.012	<.04	.09	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104455	8/20/2006	<.067	<.036	<.012	<.04	.023	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104455	9/27/2006	<.067	<.036	<.012	<.04	.097	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104460	11/14/2005	--	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104460	12/15/2005	<.025	<.036	<.012	<.04	e.003	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104460	1/29/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104460	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104460	3/13/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104460	4/21/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	e.004
01104460	4/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	.021
01104460	5/9/2006	<.067	<.036	<.012	<.04	e.004	<.023	<.05	<.032	<.03	<.01	<.008	e.011
01104460	6/23/2006	<.067	<.036	<.012	<.04	e.017	<.023	<.05	<.032	<.03	<.01	<.008	e.010
01104460	7/18/2006	<.067	<.036	<.012	<.04	<.020	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104460	8/20/2006	<.067	<.036	<.012	<.04	e.005	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104460	9/27/2006	<.067	<.036	<.012	<.04	<.020	<.023	<.05	<.032	<.03	<.01	<.008	<.02
01104475	11/14/2005	--	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	.056	<.008	<.02

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Metsulfuron, water, filtered, recoverable, micrograms per liter	N-(4-Chlorophenyl)-N′-methylurea, water, filtered, recoverable, micrograms per liter	Neburon, water, filtered, recoverable, micrograms per liter	Nicosulfuron, water, filtered, recoverable, micrograms per liter	Norflurazon, water, filtered, recoverable, micrograms per liter	Oryzalin, water, filtered, recoverable, micrograms per liter	Oxamyl, water, filtered, recoverable, micrograms per liter	Picloram, water, filtered, recoverable, micrograms per liter	Propham, water, filtered recoverable, micrograms per liter	Propiconazole, water, filtered, recoverable, micrograms per liter	Propoxur, water, filtered, recoverable, micrograms per liter	Siduron, water, filtered, recoverable, micrograms per liter
		P61697	P61692	P49294	P50364	P49293	P49292	P38866	P49291	P49236	P50471	P38538	P38548
01104475	12/15/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	.026	<.008	.034
01104475	1/11/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	e.025	<.008	e.067
01104475	1/29/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	e.025	<.008	e.073
01104475	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	.031	e.003	.095
01104475	3/13/2006	<0.067	<0.036	<0.012	<0.04	<0.02	<0.012	<0.03	<0.032	<0.03	0.033	e0.004	0.04
01104475	4/21/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	.027	<.008	e.015
01104475	4/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	.048	<.008	.033
01104475	5/9/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	.028	<.008	.06
01104475	6/23/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	.205	<.008	e.007
01104475	7/18/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	.126	<.008	e.005
01104475	8/20/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	.08	<.008	e.006
01104475	9/27/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	.049	<.008	<.02
422302071083802	12/19/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	e.005
422302071083802	5/11/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
422302071083802	7/27/2006	<.067	<.036	<.012	<.04	e.005	<.023	<.05	<.032	<.030	<.01	<.008	<.020

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Sulfometuron, water, filtered, recoverable, micrograms per liter	Tebuthiuron, water, filtered, recoverable, micrograms per liter	Terbacil, water, filtered, recoverable, micrograms per liter	Triclopyr, water, filtered, recoverable, micrograms per liter
		P50337	P82670	P04032	P49235
01104390	7/18/2006	<0.090	<0.026	<0.026	<0.026
01104405	7/18/2006	<.090	<.026	<.026	<.026
01104410	7/18/2006	<.090	<.026	<.026	--
01104415	11/14/2005	<.038	<.026	<.016	<.026
01104415	12/15/2005	<.038	<.026	<.016	<.026
01104415	1/11/2006	<.091	<.026	<.016	<.026
01104415	1/29/2006	<.090	<.026	<.016	<.026
01104415	2/23/2006	<.091	<.026	<.016	<.026
01104415	3/13/2006	<.091	<.026	<.016	<.026
01104415	4/21/2006	<.091	<.026	<.016	<.026
01104415	4/23/2006	<.091	<.026	<.016	<.026
01104415	5/9/2006	<.091	<.026	<.016	<.026
01104415	6/23/2006	<.090	<.026	<.026	.054
01104415	7/18/2006	<.090	<.026	<.026	--
01104415	8/20/2006	<.090	<.026	<.026	<.026
01104415	9/27/2006	<.090	<.026	<.026	<.026
01104420	7/18/2006	<.090	<.026	<.026	--
01104430	7/18/2006	<.090	<.026	<.026	--
01104433	11/14/2005	<.038	<.026	<.016	<.026
01104433	12/15/2005	<.038	<.026	<.016	<.026
01104433	1/11/2006	<.091	<.026	<.016	<.026
01104433	1/29/2006	<.090	<.026	<.016	<.026
01104433	2/23/2006	<.091	<.026	<.016	<.026
01104433	3/13/2006	<.091	<.026	<.016	<.026
01104433	4/21/2006	<.091	<.026	<.016	<.026
01104433	4/23/2006	<.091	<.026	<.016	<.026
01104433	5/9/2006	--	--	--	--
01104433	6/2/2006	<.09	<.026	<.026	<.026
01104433	6/23/2006	<.090	<.026	<.026	<.026
01104433	7/18/2006	<.090	<.026	<.026	--
01104433	8/20/2006	<0.090	<0.026	<0.026	<0.026

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Sulfometuron, water, filtered, recoverable, micrograms per liter	Tebuthiuron, water, filtered, recoverable, micrograms per liter	Terbacil, water, filtered, recoverable, micrograms per liter	Triclopyr, water, filtered, recoverable, micrograms per liter
		P50337	P82670	P04032	P49235
01104433	9/27/2006	<.090	<.026	<.026	<.026
01104453	7/18/2006	<.090	<.026	<.026	--
01104455	11/14/2005	<.038	<.026	<.016	<.026
01104455	12/15/2005	e.008	<.026	<.016	<.026
01104455	2/23/2006	<.091	<.026	<.016	<.026
01104455	4/21/2006	<.091	<.026	<.016	<.026
01104455	4/23/2006	<.091	<.026	<.016	<.026
01104455	5/9/2006	<.090	<.026	<.026	<.026
01104455	6/23/2006	<.090	<.026	<.026	<.026
01104455	7/18/2006	<.090	<.026	<.026	--
01104455	8/20/2006	<.090	<.026	<.026	<.026
01104455	9/27/2006	<.090	<.026	<.026	<.026
01104460	11/14/2005	<.038	<.026	<.016	<.026
01104460	12/15/2005	<.038	<.026	<.016	<.026
01104460	1/29/2006	<.090	<.026	<.016	<.026
01104460	2/23/2006	<.091	<.026	<.016	<.026
01104460	3/13/2006	<.091	<.026	<.016	<.026
01104460	4/21/2006	<.091	<.026	<.016	<.026
01104460	4/23/2006	<.091	<.026	<.016	<.026
01104460	5/9/2006	<.090	<.026	<.026	<.026
01104460	6/23/2006	<.090	<.026	<.026	<.026
01104460	7/18/2006	<.090	<.026	<.026	--
01104460	8/20/2006	<.090	<.026	<.026	<.026
01104460	9/27/2006	<.090	<.026	<.026	<.026
01104475	11/14/2005	<.038	<.026	<.016	<.026
01104475	12/15/2005	<.038	<.026	<.016	<.026
01104475	1/11/2006	<.091	<.026	<.016	<.026
01104475	1/29/2006	<.090	<.026	<.016	<.026
01104475	2/23/2006	<.091	<.026	<.016	<.026
01104475	3/13/2006	<0.091	<0.026	<0.016	<0.026
01104475	4/21/2006	<.091	<.026	<.016	<.026

Table 13. Physical properties and concentrations of calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metobolites for base-flow and stormflow water samples collected in eleven subbasins and for water samples collected from the Fresh Pond intake structure in the Cambridge, Massachusetts, drinking-water source area in water year 2006.—Continued

[[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Sulfometuron, water, filtered, recoverable, micrograms per liter	Tebuthiuron, water, filtered, recoverable, micrograms per liter	Terbacil, water, filtered, recoverable, micrograms per liter	Triclopyr, water, filtered, recoverable, micrograms per liter
		P50337	P82670	P04032	P49235
01104475	4/23/2006	<.091	<.026	<.016	<.026
01104475	5/9/2006	<.091	<.026	<.016	<.026
01104475	6/23/2006	<.090	<.026	<.026	<.026
01104475	7/18/2006	<.090	<.026	<.026	<.026
01104475	8/20/2006	<.090	<.026	<.026	<.026
01104475	9/27/2006	<.090	<.026	<.026	<.026
422302071083802	12/19/2005	<.038	<.026	<.016	<.026
422302071083802	5/11/2006	<.091	<.026	<.016	<.026
422302071083802	7/27/2006	<.090	<.026	<.026	--

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Sample type	Begin date	Begin time	End date	End time	Discharge, instantaneous, millions of gallons per day	Turbidity, water, unfiltered, NTRU	Dissolved oxygen, water, unfiltered, milligrams per liter	pH, water, unfiltered, field, standard units	Specific conductance, water, unfiltered, laboratory, microsiemens per centimeter at 25 degrees Celsius	Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius	Temperature, water, degrees Celsius
						P50051	P63676	P00300	P00400	P90095	P00095	P00010
Quality-assurance samples												
USGS-MA-LAB	Blank water	2/9/2005	1200	--	--	--	--	--	--	<3	0.3	--
01104433	Manual field blank	2/23/2006	1351	--	--	--	0.20	--	6.9	3	1	--
USGS-MA-LAB	Blank water	12/20/2005	1100	--	--	--	.20	--	8.2	3	.4	--
01104433	Automatic field blank	7/27/2006	1230	--	--	--	.10	--	7.4	3	1	--
USGS-MA-LAB	Blank water	2/9/2005	1200	--	--	--	--	--	--	<3	.3	--
01104475	Automatic field blank	12/15/2005	1200	--	--	--	--	--	--	5	3	--
01104415	Base flow	12/15/2005	1056	--	--	.27	.20	12.5	6.5	2,270	2,150	1.2
01104415	Automatic concurrent replicate	12/15/2005	1055	--	--	--	--	--	--	2,160	2,150	--
01104415	Stormflow	6/23/2006	1358	6/26/2006	1505	--	13	--	7.2	748	748	--
01104415	Stormflow replicate	6/23/2006	1359	6/26/2006	1506	--	15	--	7.2	738	738	--
01104433	Stormflow	1/29/2006	1719	1/30/2006	911	--	31	--	7.0	1,290	1,280	--
01104433	Stormflow replicate	1/29/2006	1720	1/30/2006	912	--	33	--	6.9	1,290	1,290	--
01104460	Base flow	12/15/2005	1301	--	--	18	.70	13.8	6.2	445	465	0.9
01104460	Automatic concurrent rep	12/15/2005	1300	--	--	--	--	--	--	451	448	--
01104475	Base flow	12/15/2005	1211	--	--	.84	.60	13.7	6.9	278	284	2.7
01104475	Automatic concurrent replicate	12/15/2005	1210	--	--	--	--	--	--	278	278	--
01104475	Stormflow	1/11/2006	2145	1/12/2006	337	--	12	--	7.1	312	338	--
01104475	Stormflow replicate	1/11/2006	2146	1/12/2006	338	--	13	--	7.2	311	336	--
USGS-MA-LAB	Blank water	12/20/2005	1100	--	--	--	0.2	--	8.2	3	0.4	--
USGS-MA-LAB	Blank-water matrix spike	12/20/2005	1101	--	--	--	--	--	--	--	.4	--
USGS-MA-LAB	Blank-water matrix spike replicate	12/20/2005	1102	--	--	--	--	--	--	--	.4	--
01104415	Base flow	2/23/2006	1435	--	--	0.38	1.2	12.8	6.7	2,140	1,810	4.9
01104415	Matrix spike	2/23/2006	1436	--	--	--	1.2	--	6.7	--	1,810	--
01104415	Matrix spike replicate	2/23/2006	1437	--	--	--	1.2	--	6.7	--	1,810	--
01104415	Base flow	4/21/2006	0830	--	--	.08	1.7	9.6	6.5	2,080	2,000	8.8
01104415	Matrix spike	4/21/2006	0831	--	--	--	--	--	6.5	--	2,000	--

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Sample type	Begin date	Begin time	End date	End time	Discharge, instantaneous, millions of gallons per day	Turbidity, water, unfiltered, NTRU	Dissolved oxygen, water, unfiltered, milligrams per liter	pH, water, unfiltered, field, standard units	Specific conductance, water, unfiltered, laboratory, microsiemens per centimeter at 25 degrees Celsius	Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius	Temperature, water, degrees Celsius
						P50051	P63676	P00300	P00400	P90095	P00095	P00010
Quality-assurance samples—Continued												
01104415	Matrix spike replicate	4/21/2006	0832	--	--	--	--	--	6.5	--	2,000	--
01104433	Base flow	11/14/2005	1325	--	--	.06	1.2	--	6.8	1,680	1,740	13.2
01104433	Matrix spike	11/14/2005	1326	--	--	--	1.0	--	6.8	--	1,740	--
01104433	Matrix spike replicate	11/14/2005	1327	--	--	--	1.0	--	6.8	--	1,740	--
01104475	Base flow	2/23/2006	1310	--	--	1.1	2.0	14.6	7.3	278	265	5.2
01104475	Matrix spike	2/23/2006	1311	--	--	--	2.0	--	7.3	--	265	--
01104475	Matrix spike replicate	2/23/2006	1312	--	--	--	2.0	--	7.3	--	265	--
01104475	Base flow	4/21/2006	1215	--	--	.30	3.4	9.6	7.7	297	265	14.2
01104475	Matrix spike	4/21/2006	1216	--	--	--	--	--	7.7	--	265	--
01104475	Matrix spike replicate	4/21/2006	1217	--	--	--	--	--	7.7	--	265	--

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Calcium, water, filtered, milligrams per liter	Sodium, water, filtered, milligrams per liter	Chloride, water, filtered, milligrams per liter	Sulfate, water, filtered, milligrams per liter	Total nitrogen, water, unfiltered, milligrams per liter	Phosphorus, water, unfiltered, milligrams per liter	2,4,5-T, surrogate, water, filtered, percent recovery	2,4-D methyl ester, water, filtered, recoverable, micrograms per liter	2,4-D, water, filtered, recoverable, micrograms per liter	2,4-DB, water, filtered, recoverable, micrograms per liter	2-Chloro-4-isopropylamino-6-amino-s-triazine, water, filtered, recoverable, micrograms per liter	2-Chloro-6-ethylamino-4-amino-s-triazine, water, filtered, recoverable, micrograms per liter	2-Hydroxy-4-isopropylamino-6-ethylamino-s-triazine, water, filtered, recoverable, micrograms per liter
		P00915	P00930	P00940	P00945	P62855	P00665	P99958	P50470	P39732	P38746	P04040	P04038	P50355
Quality-assurance samples														
USGS-MA-LAB	2/9/2005	<0.02	<0.20	<0.20	<0.18	<.06	<.02	67.3	<.016	<.038	<.02	<.028	<.08	<.032
01104433	2/23/2006	.02	<.20	<.20	<.18	e.03	e.002	136.6	<.016	<.038	<.02	<.028	<.08	<.032
USGS-MA-LAB	12/20/2005	<.02	<.20	<.20	<.18	<.06	<.004	118.9	<.016	<.038	<.02	<.028	<.08	<.032
01104433	7/27/2006	.04	<.20	<.20	<.18	<.06	.006	86.9	<.19	<.038	<.020	<.028	<.08	<.032
USGS-MA-LAB	2/9/2005	<.02	<.20	<.20	<.18	<.06	<.02	67.3	<.016	<.038	<.02	<.028	<.08	<.032
01104475	12/15/2005	.29	.21	<.20	<.18	<.06	<.02	94.6	<.016	<.038	<.02	<.028	<.08	<.032
01104415	12/15/2005	56.5	324	648	28.7	1.81	<.02	104.9	<.016	<.038	<.02	<.028	<.08	<.032
01104415	12/15/2005	54.2	306	618	28.7	1.82	<.02	94.9	<.016	<.038	<.02	<.028	<.08	<.032
01104415	6/23/2006	19.6	110	195	11.9	1.45	.1	64.4	<.19	.234	<.020	<.028	<.08	<.032
01104415	6/23/2006	19.8	111	192	11.8	1.51	.11	58.1	<.19	.223	<.020	<.028	<.08	<.032
01104433	1/29/2006	31.2	199	362	19.2	1.23	.05	e141.6	<.016	<.038	<.02	<.028	<.08	--
01104433	1/29/2006	30.8	199	365	19.4	1.24	.05	e135.4	<.016	<.038	<.02	<.028	<.08	--
01104460	12/15/2005	22.7	51.3	105	15.9	1.25	<.02	e122.1	<.016	<.038	<.02	<.028	<.08	<.032
01104460	12/15/2005	23.2	51.9	105	16	1.24	e.02	108.3	<.016	<.038	<.02	<.028	<.08	<.032
01104475	12/15/2005	19.2	26.5	43.4	20.5	2.4	<.02	106.4	<.016	<.038	<.02	<.028	<.08	<.032
01104475	12/15/2005	18.9	26.3	42.6	20.2	2.38	e.01	100.7	<0.016	<0.038	<0.02	<0.028	<0.08	<0.032
01104475	1/11/2006	16.6	34.4	56.7	18.8	2.12	0.05	e169.3	<.016	<.038	<.02	<.028	<.08	<.032
01104475	1/11/2006	17	34.4	56.7	18.8	2.07	.049	e177.5	<.016	<.038	<.02	<.028	<.08	<.032
USGS-MA-LAB	12/20/2005	<0.02	<0.20	<0.20	<0.18	<0.06	<.004	118.9	<.016	<.038	<.02	<.028	<.08	<.032
USGS-MA-LAB	12/20/2005	--	--	--	--	--	--	120.9	.192	.05	<.02	.214	e.21	e.008
USGS-MA-LAB	12/20/2005	--	--	--	--	--	--	121.8	.195	.046	<.02	.214	e.20	e.008
01104415	2/23/2006	47.2	308	600	25.6	1.61	.008	132.8	<.016	<.038	<.02	<.028	<.08	<.032
01104415	2/23/2006	--	--	--	--	--	--	146.1	<.016	.312	.347	<.028	<.08	<.032
01104415	2/23/2006	--	--	--	--	--	--	104.3	<.016	.226	.257	<.028	<.08	<.032
01104415	4/21/2006	53	329	621	23.2	.97	.006	49.8	<.016	<.038	<.02	<.028	<.08	<.032

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Calcium, water, filtered, milligrams per liter	Sodium, water, filtered, milligrams per liter	Chloride, water, filtered, milligrams per liter	Sulfate, water, filtered, milligrams per liter	Total nitrogen, water, unfiltered, milligrams per liter	Phosphorus, water, unfiltered, milligrams per liter	2,4,5-T, surrogate, water, filtered, percent recovery	2,4-D methyl ester, water, filtered, recoverable, micrograms per liter	2,4-D, water, filtered, recoverable, micrograms per liter	2,4-DB, water, filtered, recoverable, micrograms per liter	2-Chloro-4-isopropylamino-6-amino-s-triazine, water, filtered, recoverable, micrograms per liter	2-Chloro-6-ethylamino-4-amino-s-triazine, water, filtered, recoverable, micrograms per liter	2-Hydroxy-4-isopropylamino-6-ethylamino-s-triazine, water, filtered, recoverable, micrograms per liter
		P00915	P00930	P00940	P00945	P62855	P00665	P99958	P50470	P39732	P38746	P04040	P04038	P50355
Quality-assurance samples—Continued														
01104415	4/21/2006	--	--	--	--	--	--	52.1	e.200	<.038	<.02	.1	e.10	e.007
01104415	4/21/2006	--	--	--	--	--	--	51.5	e.221	<.038	<.02	.099	e.10	e.008
01104433	11/14/2005	72	241	476	28.1	1.02	.03	e327.7	<.016	<.038	<.02	<.028	<.08	--
01104433	11/14/2005	--	--	--	--	--	--	e360.2	<.016	e.259	.286	<.028	<.08	--
01104433	11/14/2005	--	--	--	--	--	--	e381.9	<.016	e.308	.304	<.028	<.08	--
01104475	2/23/2006	17	26.7	46.6	19.4	1.99	.012	140.2	<.016	<.038	<.02	<.028	<.08	<.032
01104475	2/23/2006	--	--	--	--	--	--	135.6	<.016	.308	.343	<.028	<.08	<.032
01104475	2/23/2006	--	--	--	--	--	--	137.1	<.016	.296	.351	<.028	<.08	<.032
01104475	4/21/2006	18.9	30.3	54.7	18.6	1.53	.01	58.7	<.016	<.038	<.02	<.028	<.08	<.032
01104475	4/21/2006	--	--	--	--	--	--	53.5	e.212	<.038	<.02	.093	e.09	e.008
01104475	4/21/2006	--	--	--	--	--	--	50.5	e.212	<.038	<.02	.095	e.10	e.009

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	3-Hydroxy carbofuran, water, filtered, recoverable, micrograms per liter	Acifluorfen, water, recoverable, micrograms per liter	Aldicarb sulfone, water, filtered, recoverable, micrograms per liter	Aldicarb sulfoxide, water, filtered, recoverable, micrograms per liter	Aldicarb, water, filtered, recoverable, micrograms per liter	Atrazine, water, filtered, recoverable, micrograms per liter	Barban, surrogate, water, filtered, percent recovery	Bendiocarb, water, filtered, recoverable, micrograms per liter	Benomyl, water, filtered, recoverable, micrograms per liter	Bensulfuron-methyl, water, filtered, recoverable, micrograms per liter	Bentazon, water, filtered, recoverable, micrograms per liter	Bromacil, water, filtered, recoverable, micrograms per liter	Bromoxynil, water, filtered, recoverable, micrograms per liter	Caffeine, water, filtered, recoverable, micrograms per liter
		P49308	P49315	P49313	P49314	P49312	P39632	P90640	P50299	P50300	P61693	P38711	P04029	P49311	P50305
Quality-assurance samples															
USGS-MA-LAB	2/9/2005	<.008	<.028	<.018	<.022	<.04	<.008	87.5	<.02	<.022	<.018	<.012	<.018	<.028	<.018
01104433	2/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	99.3	<.02	<.022	<.018	<.012	<.018	<.028	<.018
USGS-MA-LAB	12/20/2005	<.008	<.028	<.018	<.022	<.04	<.008	102.4	<.02	<.022	<.018	<.012	<.018	<.028	e.008
01104433	7/27/2006	<.008	<.028	<.018	<.10	<.15	<.008	100.1	<.080	<.022	<.018	<.024	<.018	<.044	<.018
USGS-MA-LAB	2/9/2005	<.008	<.028	<.018	<.022	<.04	<.008	87.5	<.02	<.022	<.018	<.012	<.018	<.028	<.018
01104475	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	73.7	<.02	<.022	<.018	<.012	<.018	<.028	e.006
01104415	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	123.8	<.02	<.022	<.018	<.012	<.018	<.028	.019
01104415	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	127.2	<.02	<.022	<.018	<.012	<.018	<.028	e.015
01104415	6/23/2006	<.008	<.028	<.018	<.10	<.15	<.008	39.5	<.080	<.022	<.018	<.024	<.018	<.044	.204
01104415	6/23/2006	<.008	<.028	<.018	<.10	<.15	<.008	45	<.080	<.022	<.018	<.024	<.018	<.044	.209
01104433	1/29/2006	<.008	<.028	<.018	<.022	<.04	<.008	e135.8	<.02	<.022	<.018	<.012	<.018	<.028	e.613
01104433	1/29/2006	<.008	<.028	<.018	<.022	<.04	<.008	e132.7	<.02	<.022	<.018	<.012	<.018	<.028	e.591
01104460	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	113.5	<.02	<.022	<.018	<.012	<.018	<.028	e.010
01104460	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	151.5	<.02	<.022	<.018	<.012	<.018	<.028	e.009
01104475	12/15/2005	<.008	<.028	<.018	<.022	<.04	<.008	81.2	<.02	e.010	<.018	<.012	<.018	<.028	e.013
01104475	12/15/2005	<0.008	<0.028	<0.018	<0.022	<0.04	<0.008	112.9	<0.02	e0.006	<0.018	<0.012	<0.018	<0.028	e0.009
01104475	1/11/2006	<.008	<.028	<.018	<.022	<.04	<.008	e137.5	<.02	e.010	<.018	<.012	<.018	<.028	e.039
01104475	1/11/2006	<.008	<.028	<.018	<.022	<.04	<.008	142.4	<.02	e.010	<.018	<.012	<.018	<.028	.036
USGS-MA-LAB	12/20/2005	<.008	<.028	<.018	<.022	<.04	<.008	102.4	<.02	<.022	<.018	<.012	<.018	<.028	e.008
USGS-MA-LAB	12/20/2005	.235	<.028	.211	.223	e.14	.243	100.2	.207	.218	.118	<.012	.243	<.028	.256
USGS-MA-LAB	12/20/2005	.225	<.028	.197	.222	e.14	.237	92.2	.195	.219	.118	<.012	.248	<.028	.257
01104415	2/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	123.2	<.02	<.022	<.018	<.012	<.018	<.028	<.018
01104415	2/23/2006	<.008	e.434	<.018	<.022	<.04	<.008	113.5	<.02	<.022	<.018	.336	<.018	.277	e.010
01104415	2/23/2006	<.008	e.323	<.018	<.022	<.04	<.008	79.7	<.02	<.022	<.018	.223	<.018	.192	e.008
01104415	4/21/2006	<.008	--	<.018	<.022	<.04	<.008	93.4	<.02	<.022	<.018	<.012	<.018	<.028	e.014

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	3-Hydroxy carbofuran, water, filtered, recoverable, micrograms per liter	Acifluorfen, water, recoverable, micrograms per liter	Aldicarb sulfone, water, filtered, recoverable, micrograms per liter	Aldicarb sulfoxide, water, filtered, recoverable, micrograms per liter	Aldicarb, water, filtered, recoverable, micrograms per liter	Atrazine, water, filtered, recoverable, micrograms per liter	Barban, surrogate, water, filtered, percent recovery	Bendiocarb, water, filtered, recoverable, micrograms per liter	Benomyl, water, filtered, recoverable, micrograms per liter	Bensulfuron-methyl, water, filtered, recoverable, micrograms per liter	Bentazon, water, filtered, recoverable, micrograms per liter	Bromacil, water, filtered, recoverable, micrograms per liter	Bromoxynil, water, filtered, recoverable, micrograms per liter	Caffeine, water, filtered, recoverable, micrograms per liter
		P49308	P49315	P49313	P49314	P49312	P39632	P90640	P50299	P50300	P61693	P38711	P04029	P49311	P50305
Quality-assurance samples—Continued															
01104415	4/21/2006	.167	--	.053	e.163	e.10	.139	91.6	.19	.133	e.399	<.012	.108	<.028	.181
01104415	4/21/2006	.169	--	.043	e.175	e.11	.143	89.5	.202	.133	e.452	<.012	.101	<.028	.19
01104433	11/14/2005	<.008	<.028	<.018	<.022	<.04	<.008	95.7	<.02	<.022	<.018	<.012	<.018	<.028	.15
01104433	11/14/2005	<.008	e.265	<.018	<.022	<.04	<.008	86.8	<.02	<.022	<.018	.363	<.018	.27	.145
01104433	11/14/2005	<.008	e.245	<.018	<.022	<.04	<.008	97.1	<.02	<.022	<.018	.376	<.018	.284	<.150
01104475	2/23/2006	<.008	<.028	<.018	<.022	<.04	<.008	124.8	<.02	e.012	<.018	<.012	<.018	<.028	<.018
01104475	2/23/2006	<.008	e.451	<.018	<.022	<.04	<.008	100.1	<.02	e.012	<.018	.347	<.018	.298	<.018
01104475	2/23/2006	<.008	e.407	<.018	<.022	<.04	<.008	112.9	<.02	e.011	<.018	.32	<.018	.273	<.018
01104475	4/21/2006	<.008	--	<.018	<.022	<.04	<.008	101.1	<.02	e.015	<.018	<.012	<.018	<.028	<.018
01104475	4/21/2006	.165	--	.052	e.252	e.09	.141	98	.188	.147	e.398	<.012	.104	<.028	.162
01104475	4/21/2006	.17	--	.053	e.240	e.08	.146	95.9	.19	.148	e.399	<.012	.111	<.028	.16

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Caffeine-13C, surrogate, water, filtered, percent recovery	Carbaryl, water, filtered, recoverable, micrograms per liter	Carbofuran, water, filtered, recoverable, micrograms per liter	Chloramben methyl ester, water, filtered, recoverable, micrograms per liter	Chlorimuron, water, filtered, recoverable, micrograms per liter	Chlorodiamino-s-triazine, water, filtered, recoverable, micrograms per liter	Clopyralid, water, filtered, recoverable, micrograms per liter	Cycloate, water, filtered, recoverable, micrograms per liter	Dacthal monoacid, water, filtered, recoverable, micrograms per liter	Dicamba, water, filtered, recoverable, micrograms per liter	Dichlorprop, water, filtered, recoverable, micrograms per liter	Dinoseb, water, filtered, recoverable, micrograms per liter	Diphenamid, water, filtered, recoverable, micrograms per liter
		P99959	P49310	P49309	P61188	P50306	P04039	P49305	P04031	P49304	P38442	P49302	P49301	P04033
Quality-assurance samples														
USGS-MA-LAB	2/9/2005	e139.4	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104433	2/23/2006	135.6	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
USGS-MA-LAB	12/20/2005	116.9	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104433	7/27/2006	92.7	<.018	<.016	<.024	<.032	<.04	<.067	<.014	<.028	<.036	<.028	<.038	<.01
USGS-MA-LAB	2/9/2005	e139.4	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104475	12/15/2005	102.2	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	12/15/2005	105.3	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	12/15/2005	100.2	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	6/23/2006	42.6	.048	<.016	<.024	<.032	--	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104415	6/23/2006	40.4	.051	<.016	<.024	<.032	--	<.067	<.014	<.028	<.036	<.028	<.038	<.01
01104433	1/29/2006	e91.6	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104433	1/29/2006	e86.5	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104460	12/15/2005	77.8	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104460	12/15/2005	100.6	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104475	12/15/2005	100.3	e.021	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104475	12/15/2005	97.4	e0.016	<0.016	<0.024	<0.032	<0.04	<0.024	<0.014	<0.028	<0.036	<0.028	<0.038	<0.01
01104475	1/11/2006	e102.3	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104475	1/11/2006	106.7	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
USGS-MA-LAB	12/20/2005	116.9	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
USGS-MA-LAB	12/20/2005	102.7	.228	.227	.214	e.025	<.04	<.024	.213	<.028	<.036	<.028	<.038	.223
USGS-MA-LAB	12/20/2005	102.2	.219	.22	.189	e.025	<.04	<.024	.208	<.028	<.036	<.028	<.038	.22
01104415	2/23/2006	101.8	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104415	2/23/2006	104.4	<.018	<.016	<.024	<.032	<.04	e.300	<.014	.396	.275	e.350	.496	<.01
01104415	2/23/2006	68.3	<.018	<.016	<.024	<.032	<.04	e.182	<.014	.275	.2	e.249	.355	<.01
01104415	4/21/2006	64.4	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	--	<.01

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Caffeine-13C, surrogate, water, filtered, percent recovery	Carbaryl, water, filtered, recoverable, micrograms per liter	Carbofuran, water, filtered, recoverable, micrograms per liter	Chloramben methyl ester, water, filtered, recoverable, micrograms per liter	Chlorimuron, water, filtered, recoverable, micrograms per liter	Chlorodiamino-s-triazine, water, filtered, recoverable, micrograms per liter	Clopyralid, water, filtered, recoverable, micrograms per liter	Cycloate, water, filtered, recoverable, micrograms per liter	Dacthal monoacid, water, filtered, recoverable, micrograms per liter	Dicamba, water, filtered, recoverable, micrograms per liter	Dichlorprop, water, filtered, recoverable, micrograms per liter	Dinoseb, water, filtered, recoverable, micrograms per liter	Diphenamid, water, filtered, recoverable, micrograms per liter
		P99959	P49310	P49309	P61188	P50306	P04039	P49305	P04031	P49304	P38442	P49302	P49301	P04033
Quality-assurance samples—Continued														
01104415	4/21/2006	69.6	.21	.2	.103	e.333	<.04	<.024	.205	<.028	<.036	<.028	--	.219
01104415	4/21/2006	66.5	.223	.211	.121	e.394	<.04	<.024	.215	<.028	<.036	<.028	--	.228
01104433	11/14/2005	e99.4	<.018	<.016	<.024	<.032	<.04	<.024	<.014	<.028	--	<.028	<.038	<.01
01104433	11/14/2005	e95.5	<.018	<.016	<.024	<.032	<.04	e.133	<.014	e.281	--	e.312	.519	<.01
01104433	11/14/2005	e96.6	<.018	<.016	<.024	<.032	<.04	e.174	<.014	e.351	--	e.328	.495	<.01
01104475	2/23/2006	103.7	e.012	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	<.038	<.01
01104475	2/23/2006	97.2	e.011	<.016	<.024	<.032	<.04	e.328	<.014	.375	.267	e.364	.513	<.01
01104475	2/23/2006	96.9	e.011	<.016	<.024	<.032	<.04	e.265	<.014	.378	.26	e.343	.446	<.01
01104475	4/21/2006	69.6	<.023	<.016	<.024	<.032	<.04	<.024	<.014	<.028	<.036	<.028	--	<.01
01104475	4/21/2006	65	.218	.206	.13	e.350	<.04	<.024	.233	<.028	<.036	<.028	--	.226
01104475	4/21/2006	64.2	.218	.204	.138	e.342	<.04	<.024	.235	<.028	<.036	<.028	--	.231

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Diuron, water, filtered, recoverable, micrograms per liter	Fenuron, water, filtered, recoverable, micrograms per liter	Flumetsulam, water, filtered, recoverable, micrograms per liter	Fluometuron, water, filtered, recoverable, micrograms per liter	Imazaquin, water, filtered, recoverable, micrograms per liter	Imazethapyr, water, filtered, recoverable, micrograms per liter	Imidacloprid, water, filtered, recoverable, micrograms per liter	Linuron, water, filtered, recoverable, micrograms per liter	MCPA, water, filtered, recoverable, micrograms per liter	MCPB, water, filtered, recoverable, micrograms per liter	Metalaxyl, water, filtered, recoverable, micrograms per liter	Methiocarb, water, filtered, recoverable, micrograms per liter	Methomyl, water, filtered, recoverable, micrograms per liter
		P49300	P49297	P61694	P38811	P50356	P50407	P61695	P38478	P38482	P38487	P50359	P38501	P49296
Quality-assurance samples														
USGS-MA-LAB	2/9/2005	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104433	2/23/2006	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
USGS-MA-LAB	12/20/2005	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104433	7/27/2006	<.016	<.10	<.04	<.016	<.036	<.038	<.02	<.014	<.070	<.10	<.030	<.034	<.070
USGS-MA-LAB	2/9/2005	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104475	12/15/2005	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104415	12/15/2005	<.015	<.019	<.04	<.016	<.036	<.038	e.008	<.014	<.03	<.01	<.012	<.01	<.02
01104415	12/15/2005	<.015	<.019	<.04	<.016	<.036	<.038	e.010	<.014	<.03	<.01	<.012	<.01	<.02
01104415	6/23/2006	<.016	<.10	<.04	<.016	<.036	<.038	.056	<.014	<.070	<.10	<.030	<.034	<.070
01104415	6/23/2006	<.016	<.10	<.04	<.016	<.036	<.038	.057	<.014	<.070	<.10	<.030	<.034	<.070
01104433	1/29/2006	<.016	<.019	<.04	<.016	<.036	<.038	e.069	<.014	<.03	<.01	<.012	<.01	<.02
01104433	1/29/2006	<.016	<.019	<.04	<.016	<.036	<.038	e.067	<.014	<.03	<.01	<.012	<.01	<.02
01104460	12/15/2005	<.015	<.019	<.04	<.016	<.036	<.038	e.015	<.014	<.03	<.01	<.012	<.01	<.02
01104460	12/15/2005	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104475	12/15/2005	<.015	<.019	<.04	<.016	<.036	<.038	.335	<.014	<.03	<.01	<.012	<.01	<.02
01104475	12/15/2005	<0.015	<0.019	<0.04	<0.016	<0.036	<0.038	0.316	<0.014	<0.03	<0.01	<0.012	<0.01	<0.02
01104475	1/11/2006	<.016	<.019	<.04	<.016	<.036	<.038	e.388	<.014	--	<.01	e.039	<.01	<.02
01104475	1/11/2006	<.016	<.019	<.04	<.016	<.036	<.038	e.387	<.014	--	<.01	.04	<.01	<.02
USGS-MA-LAB	12/20/2005	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
USGS-MA-LAB	12/20/2005	.236	.224	.363	.222	e.328	.263	.305	.226	<.03	<.01	.227	.215	.224
USGS-MA-LAB	12/20/2005	.228	.216	.374	.224	e.335	.253	.307	.23	<.03	<.01	.223	.207	.222
01104415	2/23/2006	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104415	2/23/2006	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	.306	.356	<.012	<.01	<.02
01104415	2/23/2006	<.015	<.019	<.04	<.016	<.036	<.038	<.02	<.014	.225	.249	<.012	<.01	<.02
01104415	4/21/2006	<.020	<.018	<.04	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Diuron, water, filtered, recoverable, micrograms per liter	Fenuron, water, filtered, recoverable, micrograms per liter	Flumetsulam, water, filtered, recoverable, micrograms per liter	Fluometuron, water, filtered, recoverable, micrograms per liter	Imazaquin, water, filtered, recoverable, micrograms per liter	Imazethapyr, water, filtered, recoverable, micrograms per liter	Imidaclopprid, water, filtered, recoverable, micrograms per liter	Linuron, water, filtered, recoverable, micrograms per liter	MCPA, water, filtered, recoverable, micrograms per liter	MCPB, water, filtered, recoverable, micrograms per liter	Metalaxyl, water, filtered, recoverable, micrograms per liter	Methiocarb, water, filtered, recoverable, micrograms per liter	Methomyl, water, filtered, recoverable, micrograms per liter
		P49300	P49297	P61694	P38811	P50356	P50407	P61695	P38478	P38482	P38487	P50359	P38501	P49296
Quality-assurance samples—Continued														
01104415	4/21/2006	.217	.191	.276	.213	e.178	.186	.249	.223	<.03	<.01	.26	.22	e.151
01104415	4/21/2006	.232	.199	.289	.223	e.181	.198	.253	.232	<.03	<.01	.277	.239	e.147
01104433	11/14/2005	e.097	<.019	.407	<.016	<.036	<.038	<.02	<.014	<.03	<.01	<.012	<.01	<.02
01104433	11/14/2005	e.086	<.019	.413	<.016	<.036	<.038	<.02	<.014	e.254	.272	<.012	<.01	<.02
01104433	11/14/2005	e.081	<.019	.433	<.016	<.036	<.038	<.02	<.014	e.269	.285	<.012	<.01	<.02
01104475	2/23/2006	<.016	<.019	<.04	<.016	<.036	<.038	e.379	<.014	<.03	<.01	.047	<.01	<.02
01104475	2/23/2006	<.015	<.019	<.04	<.016	<.036	<.038	e.365	<.014	.305	.353	.045	<.01	<.02
01104475	2/23/2006	<.016	<.019	<.04	<.016	<.036	<.038	e.368	<.014	.303	.361	.046	<.01	<.02
01104475	4/21/2006	<.016	<.018	<.04	<.016	<.036	<.038	.141	<.014	<.03	<.01	e.016	<.01	<.02
01104475	4/21/2006	.214	.185	.271	.222	e.178	.19	.357	.237	<.03	<.01	.281	.225	e.150
01104475	4/21/2006	.215	.184	.272	.222	e.182	.191	.379	.235	<.03	<.01	0.272	.229	e.138

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Metsulfuron, water, filtered, recoverable, micrograms per liter	N-(4-Chlorophenyl)-N′-methylurea, water, filtered, recoverable, micrograms per liter	Neburon, water, filtered, recoverable, micrograms per liter	Nicosulfuron, water, filtered, recoverable, micrograms per liter	Norflurazon, water, filtered, recoverable, micrograms per liter	Oryzalin, water, filtered, recoverable, micrograms per liter	Oxamyl, water, filtered, recoverable, micrograms per liter	Picloram, water, filtered, recoverable, micrograms per liter	Propham, water, filtered recoverable, micrograms per liter	Propiconazole, water, filtered, recoverable, micrograms per liter	Propoxur, water, filtered, recoverable, micrograms per liter	Siduron, water, filtered, recoverable, micrograms per liter
		P61697	P61692	P49294	P50364	P49293	P49292	P38866	P49291	P49236	P50471	P38538	P38548
Quality-assurance samples													
USGS-MA-LAB	2/9/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104433	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
USGS-MA-LAB	12/20/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104433	7/27/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	<.02
USGS-MA-LAB	2/9/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104475	12/15/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104415	12/15/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104415	12/15/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104415	6/23/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	e.009
01104415	6/23/2006	<.067	<.036	<.012	<.04	<.02	<.023	<.05	<.032	<.03	<.01	<.008	e.009
01104433	1/29/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104433	1/29/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104460	12/15/2005	<.025	<.036	<.012	<.04	e.003	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104460	12/15/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104475	12/15/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	.026	<.008	.034
01104475	12/15/2005	<0.025	<0.036	<0.012	<0.04	<0.02	<0.012	<0.03	<0.032	<0.03	0.024	<0.008	0.033
01104475	1/11/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	e.025	<.008	e.067
01104475	1/11/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	.027	<.008	e.065
USGS-MA-LAB	12/20/2005	<.025	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
USGS-MA-LAB	12/20/2005	e.111	.178	.231	e.06	.22	.204	.212	<.032	.222	.196	.22	.244
USGS-MA-LAB	12/20/2005	e.113	.242	.229	e.07	.222	.195	.201	<.032	.219	.194	.209	.246
01104415	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104415	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	.333	<.03	<.01	<.008	<.02
01104415	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	.164	<.03	<.01	<.008	<.02
01104415	4/21/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	e.007
01104415	4/21/2006	e.222	.153	.234	e.34	.233	.247	.209	<.032	.216	.228	.211	.247

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Metsulfuron, water, filtered, recoverable, micrograms per liter	N-(4-Chlorophenyl)-N′-methylurea, water, filtered, recoverable, micrograms per liter	Neburon, water, filtered, recoverable, micrograms per liter	Nicosulfuron, water, filtered, recoverable, micrograms per liter	Norflurazon, water, filtered, recoverable, micrograms per liter	Oryzalin, water, filtered, recoverable, micrograms per liter	Oxamyl, water, filtered, recoverable, micrograms per liter	Picloram, water, filtered, recoverable, micrograms per liter	Propham, water, filtered recoverable, micrograms per liter	Propiconazole, water, filtered, recoverable, micrograms per liter	Propoxur, water, filtered, recoverable, micrograms per liter	Siduron, water, filtered, recoverable, micrograms per liter
		P61697	P61692	P49294	P50364	P49293	P49292	P38866	P49291	P49236	P50471	P38538	P38548
Quality-assurance samples—Continued													
01104415	4/21/2006	e.225	.156	.254	e.36	.251	.281	.237	<.032	.228	.257	.216	.263
01104433	11/14/2005	--	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	<.01	<.008	<.02
01104433	11/14/2005	--	<.036	<.012	<.04	<.02	<.012	<.03	e.308	<.03	<.01	<.008	<.02
01104433	11/14/2005	--	<.036	<.012	<.04	<.02	<.012	<.03	e.325	<.03	<.01	<.008	<.02
01104475	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	.031	e.003	.095
01104475	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	.26	<.03	.031	<.008	.093
01104475	2/23/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	.231	<.03	.03	<.008	.091
01104475	4/21/2006	<.067	<.036	<.012	<.04	<.02	<.012	<.03	<.032	<.03	.027	<.008	e.015
01104475	4/21/2006	e.235	.156	.255	e.36	.237	.278	.232	<.032	.228	.276	.218	.271
01104475	4/21/2006	e.210	.153	.247	e.36	.233	.272	.227	<.032	.228	.272	.218	.267

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Sulfometuron, water, filtered, recoverable, micrograms per liter	Tebuthiuron, water, filtered, recoverable, micrograms per liter	Terbacil, water, filtered, recoverable, micrograms per liter	Triclopyr, water, filtered, recoverable, micrograms per liter
		P50337	P82670	P04032	P49235
Quality-assurance samples					
USGS-MA-LAB	2/9/2005	<.038	<.026	<.016	<.026
01104433	2/23/2006	<.091	<.026	<.016	<.026
USGS-MA-LAB	12/20/2005	<.038	<.026	<.016	<.026
01104433	7/27/2006	<.090	<.026	<.026	--
USGS-MA-LAB	2/9/2005	<.038	<.026	<.016	<.026
01104475	12/15/2005	<.038	<.026	<.016	<.026
01104415	12/15/2005	<.038	<.026	<.016	<.026
01104415	12/15/2005	<.038	<.026	<.016	<.026
01104415	6/23/2006	<.090	<.026	<.026	.054
01104415	6/23/2006	<.090	<.026	<.026	<.026
01104433	1/29/2006	<.090	<.026	<.016	<.026
01104433	1/29/2006	<.090	<.026	<.016	<.026
01104460	12/15/2005	<.038	<.026	<.016	<.026
01104460	12/15/2005	<.038	<.026	<.016	<.026
01104475	12/15/2005	<.038	<.026	<.016	<.026
01104475	12/15/2005	<0.038	<0.026	<0.016	<0.026
01104475	1/11/2006	<.091	<.026	<.016	<.026
01104475	1/11/2006	<.091	<.026	<.016	<.026
USGS-MA-LAB	12/20/2005	<.038	<.026	<.016	<.026
USGS-MA-LAB	12/20/2005	e.094	.296	.281	<.026
USGS-MA-LAB	12/20/2005	e.093	.283	.276	<.026
01104415	2/23/2006	<.091	<.026	<.016	<.026
01104415	2/23/2006	<.091	<.026	<.016	.276
01104415	2/23/2006	<.091	<.026	<.016	.223
01104415	4/21/2006	<.091	<.026	<.016	<.026
01104415	4/21/2006	e.335	.167	.12	<.026
01104415	4/21/2006	e.361	.169	.118	<.026
01104433	11/14/2005	<.038	<.026	<.016	<.026
01104433	11/14/2005	<.038	<.026	<.016	e.235
01104433	11/14/2005	<.038	<.026	<.016	e.316

Table 14. Physical properties of and concentrations of dissolved calcium, sodium, chloride, sulfate, total nutrients, and polar pesticides and metabolites in quality-control samples collected in water year 2006.—Continued

[PXXXXX, National Water Quality Laboratory parameter code; e, estimated; NTUR, nephelometric turbidity ratio units; < concentration is less than value shown; shaded ares indicate samples collected during storms--, no data]

USGS station number	Begin date	Sulfometuron, water, filtered, recoverable, micrograms per liter	Tebuthiuron, water, filtered, recoverable, micrograms per liter	Terbacil, water, filtered, recoverable, micrograms per liter	Triclopyr, water, filtered, recoverable, micrograms per liter
		P50337	P82670	P04032	P49235
Quality-assurance samples—Continued					
01104475	2/23/2006	<.091	<.026	<.016	<.026
01104475	2/23/2006	<.091	<.026	<.016	.321
01104475	2/23/2006	<.091	<.026	<.016	.326
01104475	4/21/2006	<.091	<.026	<.016	<.026
01104475	4/21/2006	e.355	.167	.126	<.026
01104475	4/21/2006	e.350	.167	.123	<.026

Table 15. Characteristics of selected pesticides detected in base-flow and stormflow water samples collected in the Hobbs Brook and Stony Brook Basins, water year 2006, near Cambridge, Massachusetts.

[Abbreviations: CAS, Chemical Abstracts Service]

Pesticide target analyte	Trade or common names	Type of pesticide	CAS registry Number	Use	References
Caffeine	None	Stimulant	58-08-2	Coffee, tea, cocoa, soft drinks, chocholate, prescription and over-the-counter drugs.	Seiler, and others (1999)
2,4-D	"Agent White," Bladex-B, Brush Killer 64, Dicofur, Dormon, Ipaner, Moxon, Netagrone, Pielik, Verton 38, Mota Maskros, Silvaprop 1, Agricorn D, Acme LV4, Croprider, Fernesta, Lawn-Keep, Pennamine D, Plantgard, Tributon, Weed-B-Gon, Weedatul, Agroxone, Weedar, Salvo, Green Cross Weed-No-More 80, Red Devil Dry Weed Killer, Scott's 4XD, Weed-Rhap LV40, Weedone 100, 2,4-Dichloro-phenoxyacetic acid, Weedon-2,4,-DP	Herbicide	94-74-7	Used for the control of broad-leaf weeds in agriculture, and for control of woody plants along roadsides, railways, and utilities rights of way.	U.S. Environmental Protection Agency (2006a), Wagner and others (2006)
2-Chloro-6-ethylamino-4-amino-s-triazine	Triazine degradation compound	Herbicide metabolite	94-75-7	Parent compound is used to control broad-leaf and grassy weeds in crops and non-agricultural areas.	Wagner and others (2006b)
2-Hydroxy-4-isopropylamino-6-ethylamino-s-triazine	Triazine degradation compound	Herbicide metabolite	2163-68-0	Parent compound is used to control broad-leaf and grassy weeds in crops and non-agricultural areas.	Wagner and others (2006b)
Benomyl	Benlate, Tersan	Fungicide	17804-35-2	Used as a fungicide on vegetables, ornament shrubs, and turf.	U.S. Environmental Protection Agency (2001), Hornsby and others (1996)
Carbaryl	Ortho Seven, Sevin	Insecticide	63-25-2	Used as a broad-spectrum insecticide in agriculture, professional turf management and ornamental production, and residential lawns and gardens.	U.S. Environmental Protection Agency (2004a), Hornsby and others (1996)
Diuron	Aguton, DCMU, Di-on, Direx, Karmex, Topsite	Herbicide	330-54-1	Used to control weeds and mosses on turf and on many crops.	Wagner and others (2006b), Hornsby and others (1996), Extention Toxicology Network (1993a)
Flumetsulam	Python®, Broadstrike®, Hornet®, Accent Gold®	Herbicide	98967-40-9	Used for selective control of broad-leaf weeds in areas planted with soybean and field corn.	U.S. Environmental Protection Agency (2004b)
Fluometuron	C-2059, Ciba-2059, Cotoran, Cotorex, Cottonex, Flo-Met, Higalcoton, Lanex, Pakhtaran	Herbicide	2164-17-2	Used as a selective herbicide which acts on susceptible plants by inhibiting photosynthesis.	Extention Toxicology Network (1996a)

Table 15. Characteristics of selected pesticides detected in base-flow and stormflow water samples collected in the Hobbs Brook and Stony Brook Basins, water year 2006, near Cambridge, Massachusetts.—Continued

[Abbreviations: CAS, Chemical Abstracts Service]

Pesticide target analyte	Trade or common names	Type of pesticide	CAS registry Number	Use	References
Imazaquin	Ala-Scept, Scepter, Squadron, Tri-Scept, Partner, Skepter 1.5L, and Image 1.5LC	Herbicide	81335-37-7	Selective, pre- and postemergence herbicide.	Wagner and others (2006b), Extention Toxicology Network (1996b), Hornsby and others (1996)
Imidacloprid	Admire, Condifor, Gaucho, Premier, Premise, Provado, Marathon, Merit	Insecticide	138261-41-3	Used to control sucking insects, including aphids, termites, and turf insects in crops and turf.	Wagner and others (2006b), Extention Toxicology Network (2005)
MCPA	Agritox, Agroxone, Border Master, Chiptox, Metaxon, Rhomene, Rhonox, Weed-Rhap, Weedone, Weedar	Herbicide	94-74-6	Used for selective control of broad-leaf weeds on turf, lawns, vines, and rights-of-way, and in forestry applications.	Wagner and others (2006b), U.S. Environmental Protection Agency (2004c), Hornsby and others (1996), Extention Toxicology Network (1993b)
Metalaxyl	Ridomil, Apron, Delta-Coat AD, Subdue 2E	Fungicide	57837-19-1	Controls plant diseases caused by water-mold fungi. Used on crops, ornament shrubs and trees, and turf.	Wagner and others (2006b), Hornsby and others (1996), U.S. Environmental Protection Agency (1994), Extention Toxicology Network (1993c)
Metsulfuron	Escort®, Ally®, Allie, Grooper	Herbicide	74223-64-6	Used as a selective pre- and postemergence herbicide for broad-leaf weeds and some annual grasses.	Wagner and others (2006b), Hornsby and others (1996), Extention Toxicology Network (1993d)
Norflurazon	Zorial, Solicam, Evital	Herbicide	27314-13-2	Used to control germinating annual grasses and broad-leaf weeds in agricultural, nonagricultural, and industrial areas.	Wagner and others (2006b), U.S. Environmental Protection Agency (1996), Hornsby and others (1996)
Oxamyl	Blade, DPX 1410, Oxamil, Oxamimidic Acid, Pratt, Thioxamil, Vydate	Insecticide	23135-22-0	Used to control a broad spectrum of insects, mites, ticks, and round-worms on field crops, vegetables, fruits, and ornamental plants.	U.S. Environmental Protection Agency (2006b)
Propiconazole	Alamo, Banner, Benit, Break, Bumper, Desmel, Fidis, Juno, Mantis, Maxx, Novel, Practis, Orbit, Radar, Restore, Spire, Taspa, Tilt, Wocosin	Fungicide	60207-90-1	Used on grasses grown for seed, many crops, conifors, hardwoods, and fruit trees.	Wagner and others (2006), Extention Toxicology Network (1997), Hornsby and others (1996)
Propoxur	Arprocarb, Bay 9010, Bayer 39007, Baygon, Bifex, Blattanex, Bolfo, Invisigard, Mobay, PHC, Propogon, Propyon, Rhoden, Sendra, Sendran, Suncide, Tendex, UNDEN, Undene	Insecticide	114-26-1	Used to control insects in lawns, turf, and buildings.	Wagner and others (2006), Hornsby and others (1996), Extention Toxicology Network (1993e)
Siduron	Tupersan, Trey	Herbicide	1982-49-6	Preemergence treatment for turf.	Wagner and others (2006), Hornsby and others (1996)
Triclopyr	Access, Crossbow, Curtail, ET, Garlon, Grazon, Redeem, Turflon	Herbicide	55335-06-3	Selective systemic herbicide used for control of woody and broad-leaf plants in turf and along rights-of-way.	Wagner and others (2006), Hornsby and others (1996), Extention Toxicology Network (1993f)

Table 16. Frequency of detection and maximum concentration of selected pesticides and caffeine in six samples of base-flow and seven samples of stormflow collected in the Hobbs Brook and Stony Brook Basins and collected in three samples of raw water collected from the intake of the water-treatment facility at Fresh Pond, Cambridge, Massachusetts, water year 2006.

[E, the recovery or variation in recovery of the analyte was outside the acceptable range or concentration reported is less than laboratory reporting level and is qualified as estimated]

Target analyte	Station name and number										Fresh Pond raw water intake (percent)	Maximum concentration (micrograms per liter)
	01104415		01104433		01104455		01104460		01104475			
	Base flow (percent)	Stormflow (percent)	Base flow (percent)	Stormflow (percent)	Base flow (percent)	Stormflow (percent)	Base flow (percent)	Stormflow (percent)	Base flow (percent)	Stormflow (percent)		
Caffeine	50	100	100	100	17	100	67	83	33	100	100	E1.82
2,4-D	0	57	0	0	0	50	0	33	17	0	0	0.025
2-Chloro-6-ethylamino-4-amino-s-triazine	0	0	0	0	33	0	0	0	0	0	0	0.01
2-Hydroxy-4-isopropylamino-6-ethylamino-s-triazine	0	0	0	0	0	0	17	0	0	0	33	0.003
Benomyl	0	0	0	0	50	0	0	0	83	86	0	0.044
Carbaryl	0	14	0	0	17	100	0	0	67	57	33	0.076
Diuron	0	0	50	0	0	0	0	17	0	0	0	0.097
Flumetsulam	0	14	33	14	0	0	0	0	0	0	0	1.42
Fluometuron	0	0	0	0	0	0	0	0	17	0	0	0.004
Imazaquin	0	14	0	14	17	0	0	17	0	14	0	8.88
Imidacloprid	17	29	17	29	67	0	83	50	83	100	100	0.788
MCPA	0	14	0	0	0	25	0	17	0	14	0	0.05
Metalaxyl	0	0	0	0	0	0	0	0	83	100	0	0.047
Metsulfuron	0	0	17	14	0	0	0	0	0	0	0	3.9
Norflurazon	0	0	0	0	100	100	0	0	0	0	0	0.163
Oxamyl	0	0	17	0	0	0	0	0	0	0	0	0.003
Propiconazole	0	0	0	0	0	0	0	0	100	100	0	0.205
Propoxur	0	0	0	0	0	0	0	0	17	14	0	0.004
Siduron	17	57	17	43	0	50	17	50	67	100	33	0.741
Sulfometuron	0	0	0	0	17	0	0	0	0	0	0	0.088
Triclopyr	0	14	0	0	0	0	0	0	0	0	0	0.054

Table 17. Analyte recovery statistics for field matrix spikes in environmental samples and the frequency of detection for available analytes in about 70 environmental samples collected in the Hobbs Brook and Stony Brook Basins, Massachusetts, for water year 2006.

[--, no data]

Analyte	Mean analyte recovery (percent)	Standard deviation for analyte recovery (percent)	Mean relative percent difference for replicate pairs (percent)	Number of spike pairs	Frequency of detection in envronmental samples (percent)	Ionization mode
2,4-D methyl ester	77	4	5	2	0	Positive
2,4-D	107	13	5	3	13	Negative
2,4-DB	119	14	6	3	0	Negative
2-Chloro-4-isopropylamino-6-amino-s-triazine (CIAT)	36	1	1	2	0	Positive
2-Chloro-6-ethylamino-4-amino-s-triazine (CEAT)	35	2	5	2	4	Positive
2-Hydroxy-4-isopropylamino-6-ethylamino-s-triazine (OIET)	--	--	--	--	3	Positive
3-Hydroxy carbofuran	62	1	2	2	0	Positive
Acifluorfen	135	32	14	3	0	Negative
Aldicarb sulfone	20	2	9	2	0	Positive
Aldicarb sulfoxide	78	17	1	2	0	Positive
Aldicarb	35	5	1	2	0	Positive
Atrazine	52	1	3	2	0	Positive
Bendiocarb	70	2	4	2	0	Positive
Benomyl	49	0	0	2	20	Positive
Bensulfuron-methyl	149	10	6	2	0	Positive
Bentazon	124	21	13	3	0	Negative
Bromacil	40	1	0	2	0	Positive
Bromoxynil	101	14	12	3	0	Negative
Caffeine	62	3	2	2	71	Positive
Carbaryl	81	3	3	2	14	Positive
Carbofuran	77	2	2	2	0	Positive
Chloramben methyl ester	46	6	11	2	0	Positive
Chlorimuron	132	11	7	2	0	Positive
Chlorodiamino-s-triazine	--	--	--	--	0	Positive
Clopyralid	87	28	13	3	0	Negative
Cycloate	83	6	3	2	0	Positive
Dacthal monoacid	130	19	3	3	0	Negative
Dicamba	94	12	14	2	0	Negative
Dichlorprop	123	15	10	3	0	Negative
Dinoseb	178	24	16	3	0	Negative
Diphenamid	84	2	3	2	0	Positive
Diuron	82	3	4	2	6	Positive
Fenuron	71	3	2	2	0	Positive
Flumetsulam	103	3	3	2	6	Positive

Table 17. Analyte recovery statistics for field matrix spikes in environmental samples and the frequency of detection for available analytes in about 70 environmental samples collected in the Hobbs Brook and Stony Brook Basins, Massachusetts, for water year 2006.—Continued

[--, no data]

Analyte	Mean analyte recovery (percent)	Standard deviation for analyte recovery (percent)	Mean relative percent difference for replicate pairs (percent)	Number of spike pairs	Frequency of detection in envronmental samples (percent)	Ionization mode
Fluometuron	81	2	2	2	1	Positive
Imazaquin	67	1	2	2	7	Positive
Imazethapyr	71	2	3	2	0	Positive
Imidacloprid	89	6	6	2	49	Positive
Linuron	86	3	2	2	0	Positive
MCPA	105	12	7	3	6	Negative
MCPB	118	18	8	3	0	Negative
Metalaxyl	99	4	1	2	19	Positive
Methiocarb	85	3	5	2	0	Positive
Methomyl	55	2	5	2	0	Positive
Metsulfuron	83	4	5	2	3	Positive
N-(4-Chlorophenyl)-N’-methylurea	58	1	0	2	0	Positive
Neburon	92	4	3	2	0	Positive
Nicosulfuron	132	5	3	2	0	Positive
Norflurazon	89	4	3	2	16	Positive
Oryzalin	101	7	5	2	0	Positive
Oxamyl	84	5	5	2	1	Positive
Picloram	102	25	23	3	0	Negative
Propham	84	3	3	2	0	Positive
Propiconazole	96	9	5	2	19	Positive
Propoxur	80	2	1	2	3	Positive
Siduron	94	4	2	2	39	Positive
Sulfometuron	131	5	3	2	1	Positive
Tebuthiuron	62	1	1	2	0	Positive
Terbacil	45	2	2	2	0	Positive
Triclopyr	107	17	5	3	2	Negative

Glossary

Definitions in this glossary are adapted from the U.S. Geological Survey Annual Water Data Report for Massachusetts and Rhode Island (Socolow and others, 2004).

A

Annual runoff The total quantity of water that is discharged (runs off) from a drainage basin in a year. This report presents annual runoff data as volumes in millions of gallons per day per square mile and as depths of water on the drainage basin in inches.

B

Base flow Sustained flow of a stream in the absence of direct runoff. It includes natural and human-induced stream flows. Natural base flow is sustained largely by ground-water discharge.

C

Capacity The volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control A feature in the channel that physically affects the water-surface elevation and thereby determines the stage-discharge relation at the station. This feature may be a constriction of the channel, a bedrock outcrop, a gravel bar, an artificial structure, or a uniform cross section over a long reach of the channel.

D

Datalogger A microprocessor-based data-acquisition system designed specifically to acquire, process, and store data. Most dataloggers are capable of transmitting data by phone modem, cellular modem, radio, or satellite-communication systems.

Datum A surface or point relative to which measurements of height and horizontal position are reported. A vertical datum is a horizontal surface used as the zero point for measurements of stream stage or altitude; a horizontal datum is a reference for positions given in terms of latitude-longitude, state plane coordinates, or Universal Transverse Mercactor projection coordinates.

Discharge or flow The rate at which matter passes through a cross section of a stream channel or other water body per unit of time. The term commonly refers to the volume of water (including, unless otherwise stated, any sediment or other constituents suspended or dissolved in the water) that passes a cross section in a stream channel, canal, or pipeline within a given period of time.

Dissolved The material in a representative water sample that passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal and State agencies that collect water-quality data. Determinations of dissolved-constituent concentrations are made on water samples that have been filtered.

Dissolved oxygen Molecular oxygen (O2, oxygen gas) dissolved in water. The concentration in water is a function of atmospheric pressure, and the temperature and dissolved-solids concentration of the water. The ability of water to retain oxygen decreases with increasing temperature or dissolved-solids concentration. Photosynthesis and respiration by plants commonly cause diurnal variations in dissolved-oxygen concentration in water from some streams.

Drainage area The area measured in a horizontal plane upstream from the location from which surface runoff from precipitation normally drains by gravity to the stream at that location. Drainage areas discussed in this report include all closed basins, or noncontributing areas, within the area unless otherwise specified.

Drainage basin A part of the Earth's surface that contains a drainage system with a common outlet for its surface runoff.

E

Estimated (E) concentration value Reported when an analyte is detected and all criteria for a positive result are met. If the concentra-

tion is less than the method detection limit (MDL), an "E" code will be reported with the value. Also, if the analyte is qualitatively identified as present, but the quantitative determination is substantially more uncertain, the USGS National Water Quality Laboratory will identify the result with an "E" code even though the measured value is greater than the MDL. A value reported with an "E" code should be used with caution. When no analyte is detected in a sample, the default reporting value is the MDL preceded by a less than sign (<).

F

Flow-duration percentile Values on a scale of 1 to100 indicating the percentage of time during which a specified flow is not exceeded. For example, the 90th percentile of streamflow is greater than or equal to 90 percent of all recorded flow rates.

FNU (Formazin Nephelometric Units): near infrared [780–900 nm] or monochrome light source, 90 degree detection angle, one detector.

FNMU (Formazin Nephelometric Multibeam Units): near infrared [780–900 nm] or monochrome light source, multiple light sources, detectors at 90 degrees and possibly other angles to each beam.

G

Gage datum A horizontal surface used as a zero point for measurement of stage or gage height. This surface usually is slightly below the lowest point of the stream bottom, so that the gage height is usually slightly greater than the maximum depth of water. Because the gage datum itself is not an actual physical object, the datum typically is defined by specifying the altitudes of permanent reference marks such as bridge abutments and survey monuments, and the gage is set to agree with the reference marks. Gage datum is a local datum maintained independently of any national geodetic datum. However, if the altitude of the gage datum relative to the national datum (North American Vertical Datum of 1988 or National Geodetic Vertical Datum of 1929) has been determined, then gage readings can be converted to altitudes above the national datum by adding the altitude of the gage datum to the gage hieght.

Gage height The water-surface altitude, in feet above the gage datum. If the water surface is below the gage datum, the gage height is negative. Gage height often is used interchangeably with the more general term "stage," although gage height is more appropriate when used in reference to a reading on a gage.

Gage value A value that is recorded, transmitted, and (or) computed from a gaging station.

Gill radiation shield A louvered structure that allows air to pass freely through the shield, thereby serving to maintain a temperature sensor at or near ambient temperature. The shield's white color reflects solar radiation.

I

Inch As used in this report, a unit of measure that refers to the depth to which the drainage area would be covered with water if all of the runoff for a given time period were uniformly distributed over it. (See also "Annual runoff.")

L

Laboratory reporting level (LRL) The concentration generally equal to twice the yearly determined long-term method detection level (LT-MDL). The LRL controls false negative error. The probability of falsely reporting a nondetection for a sample containing an analyte at a concentration equal to or greater than the LRL is predicted to be less than or equal to 1 percent. The value of the LRL will be reported with a "less than" (<) remark code for samples in which the analyte was not detected. The USGS National Water Quality Laboratory collects quality-control data from selected analytical methods on a continuing basis to determine LT-MDLs and to establish LRLs. These values are reevaluated annually on the basis of the most current quality-control data and, therefore, may change.

Long-term method detection level (LT-MDL) A concentration derived by determining the standard deviation of a minimum of 24 method-detection-limit spike-sample

measurements over an extended period of time. LT-MDL data are collected on a continuous basis to assess year-to-year variations in the LT-MDL. The LT-MDL controls false positive error. The chance of falsely reporting a concentration at or greater than the LT-MDL for a sample not containing the analyte is predicted to be less than or equal to 1 percent.

M

Mean discharge The arithmetic mean of individual daily mean discharges during a specific period. (See also "Discharge.")

Metabolite Any substance produced, used, or remaining during or after metabolism (that is, digestion).

Method detection limit The minimum concentration of a substance that can be measured and reported with 99-percent confidence that the analyte concentration is greater than zero. It is determined from the analysis of a sample in a given matrix containing the analyte. At the MDL concentration, the risk of a false positive is predicted to be less than or equal to 1 percent.

Micrograms per liter A unit expressing the concentration of a chemical constituent in water as the mass (in micrograms) of constituent per unit volume (in liters) of water. One thousand micrograms per liter is equivalent to 1 milligram per liter. One microgram per liter is equivalent to 1 part per billion.

Microsiemens per centimeter A unit expressing the amount of electrical conductivity of a solution as measured between opposite faces of a centimeter cube of solution at a specified temperature. Siemens is the International System of Units nomenclature. It is synonymous with mhos and is the reciprocal of resistance in ohms.

Milligrams per liter A unit expressing the concentration of a chemical constituent in water as the mass (in milligrams) of constituent per unit volume (in liters) of water. The concentration of suspended sediment also is expressed in milligrams per liter and is calculated as the mass of dry sediment per liter of water-sediment mixture.

Million gallons per day The total volume of water represented by flow over a 24-hour period. Expressed as a rate, it is the volume of water per unit time (that is, seconds, minutes, or hours) that if held constant, would represent a flow for a 24-hour period. One Mgal/d is equivalent to 1.547 cubic feet per second or 0.04381 cubic meters per second.

Million gallons per day per square mile The average volume of water in millions of gallons from each square mile of area drained. The runoff is assumed to be distributed uniformly in time and area (See also "Annual runoff.")

N

National Geodetic Vertical Datum of 1929 (NGVD 29) A fixed reference adopted as a standard geodetic datum for elevations determined by leveling. It formerly was called "Sea Level Datum of 1929" or "mean sea level." Although the datum was derived from the mean sea level at 26 tide stations, it does not necessarily represent local mean sea level at any particular place. See NOAA Web site: http://www.ngs.noaa.gov/faq.shtml#WhatVD29VD88 (See "North American Vertical Datum of 1988.")

North American Datum of 1983 (NAD 83) The horizontal control datum for the United States, Canada, Mexico, and Central America that is based on the adjustment of 250,000 points including 600 satellite Doppler stations that constrain the system to a geocentric origin. NAD 83 has been officially adopted as the legal horizontal datum for the United States by the Federal government.

NTRU (Nephelometric Turbidity Units): white or broad band [400–680 nm] light source, 90 degree detection angle, multiple detectors with ratio compensation.

P

Parameter code A five-digit number used in the USGS computerized data system, National Water Information System, to uniquely identify a specific constituent or property.

Peak flow (peak stage) An instantaneous local maximum value in the continuous time series of streamflows or stages, preceded by a period of increasing values and followed by a period of decreasing values. Several peak flows typically occur in a year. The maximum peak flow in a water year is called the annual

peak; peaks lower than the annual peak are called secondary peaks.

Pesticides Chemical compounds used to control undesirable organisms. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

pH of water The negative logarithm of the hydrogen-ion activity. Solutions with a pH less than 7.0 standard units are termed "acidic," and solutions with a pH greater than 7.0 are termed "basic." Solutions with a pH of 7.0 are neutral. The presence and concentration of many chemical constituents commonly dissolved in water are affected, in part, by the hydrogen-ion activity of water. Biological processes including growth, distribution of organisms, and toxicity of the water to organisms also are affected, in part, by the hydrogen-ion activity of water.

Polar pesticides Pesticides that are very water soluble and tend not to be adsorbed onto soil. These pesticides are also not very soluble in tissues and tend not to bioconcentrate in biota because of their low solubility.

Precipitation Falling products of water-vapor condensation in the atmosphere, such as rain, snow, sleet, and hail.

S

Sedimentation The accumulation of solid material that originates mostly from disintegrated rocks; when transported by, suspended in, or deposited from water, this solid material is referred to as "fluvial sediment." Sediment includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and origin of sediment in streams are affected by environmental and land-use factors. Some major factors are topography, soil characteristics, land cover, and depth and intensity of precipitation.

Specific conductance (conductivity) A measure of the capacity of water (or other media) to conduct an electrical current. It is expressed in microsiemens per centimeter at 25°C. Specific conductance is a function of the types and quantity of dissolved substances in water and can be used to approximate the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is from 55 to 75 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream and may vary in the same source with changes in the composition of the water.

Stage See "Gage height."

Stage-discharge relation The relation between the water-surface altitude, called gage height (stage), and the volume of water flowing in a channel per unit time.

Streamflow The discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a naturally flowing stream. The term "streamflow" includes sources of water in addition to stormwater or snow melt, and applies to discharge affected by diversion or regulation.

Suspended As used in tables of chemical analyses, undissolved material in a water-sediment mixture. It is defined operationally as the material retained when environmental water samples are processed through a 0.45-micrometer filter.

T

Total discharge The quantity of a given constituent, measured as dry mass or volume, that passes a stream cross section per unit of time. When referring to constituents other than water, this term needs to be qualified, such as "total sediment discharge," "total chloride discharge," and so on.

Traceable thermometer A thermometer that has been found to conform to specific requirements of construction and accuracy.

Turbidity An optical property of a liquid that causes light rays to be scattered and absorbed rather than transmitted in straight lines through water. Turbidity, which can make water appear cloudy or muddy, is caused by the presence of suspended and dissolved matter, such as clay, silt, finely divided organic matter, plankton and other microscopic organisms, organic acids, and dyes (ASTM International, 2003). The color of water, whether resulting from dissolved compounds or suspended particles, can affect a turbidity measurement. To ensure that USGS turbidity

data can be understood and interpreted properly within the context of the instrument used and site conditions encountered, data from each instrument type are stored and reported in the USGS National Water Information System by using parameter codes and measurement reporting units that are specific to the instrument type, with specific instruments designated by the method code. Specific reporting units used in this report include: Formazin Nephelometric Units and Formazin Nephelometric Multibeam Units.

W

Water year The 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 2006, is called the “2006 water year.”