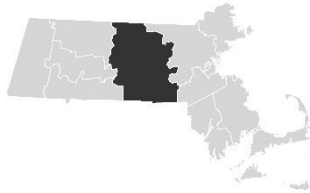


FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 4 OF 12



WORCESTER COUNTY, MASSACHUSETTS (ALL JURISDICTIONS)

COMMUNITY NAME	NUMBER	COMMUNITY NAME	NUMBER
ASHBURNHAM, TOWN OF	250290	NEW BRAINTREE, TOWN OF	250320
ATHOL, TOWN OF	250291	NORTH BROOKFIELD, TOWN OF	250323
AUBURN, TOWN OF	250292	NORTHBOROUGH, TOWN OF	250321
BARRE, TOWN OF	250293	NORTHBRIDGE, TOWN OF	250322
BERLIN, TOWN OF	250294	OAKHAM, TOWN OF	250324
BLACKSTONE, TOWN OF	250295	OXFORD, TOWN OF	250325
BOLTON, TOWN OF	250296	PAXTON, TOWN OF	250326
BOYLSTON, TOWN OF	250297	PETERSHAM, TOWN OF	250327
BROOKFIELD, TOWN OF	250298	PHILLIPSTON, TOWN OF	250328
CHARLTON, TOWN OF	250299	PRINCETON, TOWN OF	250329
CLINTON, TOWN OF	250300	ROYALSTON, TOWN OF	250330
DOUGLAS, TOWN OF	250301	RUTLAND, TOWN OF	250331
DUDLEY, TOWN OF	250302	SHREWSBURY, TOWN OF	250332
EAST BROOKFIELD, TOWN OF	250303	SOUTHBOROUGH, TOWN OF	250333
FITCHBURG, CITY OF	250304	SOUTHBRIDGE, TOWN OF	250334
GARDNER, CITY OF	250305	SPENCER, TOWN OF	250335
GRAFTON, TOWN OF	250306	STERLING, TOWN OF	250336
HARDWICK, TOWN OF	250307	STURBRIDGE, TOWN OF	250337
HARVARD, TOWN OF	250308	SUTTON, TOWN OF	250338
HOLDEN, TOWN OF	250309	TEMPLETON, TOWN OF	250339
HOPEDALE, TOWN OF	250310	UPTON, TOWN OF	250340
HUBBARDSTON, TOWN OF	250311	UXBRIDGE, TOWN OF	250341
LANCASTER, TOWN OF	250312	WARREN, TOWN OF	250342
LEICESTER, TOWN OF	250313	WEBSTER, TOWN OF	250343
LEOMINSTER, CITY OF	250314	WEST BOYLSTON, TOWN OF	250345
LUNENBURG, TOWN OF	250315	WEST BROOKFIELD, TOWN OF	250346
MENDON, TOWN OF	250316	WESTBOROUGH, TOWN OF	250344
MILFORD, TOWN OF	250317	WESTMINSTER, TOWN OF	250347
MILLBURY, TOWN OF	250318	WINCHENDON, TOWN OF	250348
MILLVILLE, TOWN OF	250319	WORCESTER, CITY OF	250349

REVISED:

JULY 8, 2025

FLOOD INSURANCE STUDY NUMBER
25027CV004D

Version Number 2.6.3.6



FEMA

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Published Separately

Flood Insurance Rate Map (FIRM)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	955	18	85	6.9	244.2	244.2	245.2	1.0
B	1,095	83	359	1.6	247.2	247.2	247.6	0.4
C	2,775	28	200	2.9	258.7	258.7	258.7	0.0
D	3,700	27	108	5.4	259.2	259.2	259.5	0.3
E	4,350	25	119	4.9	264.3	264.3	265.1	0.8
F	4,475	24	99	5.9	264.6	264.6	265.3	0.7
G	4,600	26	36	6.7	277.0	277.0	277.0	0.0
H	7,200	20	117	2.1	300.8	300.8	300.8	0.0
I	7,250	20	117	2.1	300.8	300.8	300.8	0.0
J	7,475	17	31	7.7	302.2	302.2	302.2	0.0
K	7,960	17	31	7.7	325.2	325.2	325.2	0.0

¹Feet above confluence with Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: COUNTERPANE BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	330	29	104	2.1	298.4	298.4	299.0	0.6
B	440	29	165	1.4	301.6	301.6	302.4	0.8
C	1,470	41	159	1.4	301.8	301.8	302.8	1.0
D	1,575	17	73	3.1	303.9	303.9	303.9	0.0
E	1,800	14	51	4.4	303.9	303.9	303.9	0.0
F	4,100	38	74	2.6	310.0	310.0	310.2	0.2
G	4,265	66	428	0.5	316.7	316.7	316.9	0.2
H	4,615	20	107	1.8	316.7	316.7	316.9	0.2
I	6,245	18	35	5.5	320.7	320.7	320.7	0.0
J	7,225	18	45	3.7	325.2	325.2	325.5	0.3
K	7,400	18	76	2.2	327.3	327.3	327.3	0.0
L	9,180	24	24	5.7	331.7	331.7	331.7	0.0
M	9,310	28	192	0.7	339.7	339.7	339.7	0.0

¹Feet above confluence with Blackstone River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CRONIN BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	25	90	504	1.1	437.1	437.1	438.0	0.9
B	181	80	379	1.5	437.1	437.1	438.0	0.9
C	1,122	78	307	1.9	437.6	437.6	438.6	1.0
D	1,550	20	70	8.1	439.4	439.4	439.4	0.0
E*	*	*	*	*	*	*	*	*

¹Feet above confluence with Mumford River

*No floodway data computed

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: DARK BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
F	2,254	48	157	5.3	510.1	510.1	511.1	1.0
G	2,824	37	194	4.3	512.7	512.7	513.6	0.9
H	3,594	96	279	3.0	515.5	515.5	516.0	0.5
I	4,494	127	496	1.7	517.3	517.3	518.3	1.0
J	4,794	72	147	5.7	520.9	520.9	521.4	0.5
K	5,069	32	132	3.4	522.8	522.8	523.4	0.6
L	5,779	47	55	8.2	535.6	535.6	535.6	0.0
M	5,832	47	97	4.7	535.8	535.8	536.2	0.4

¹Feet above confluence with Auburn Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: DARK BROOK NO. 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1.100	24	91	8.1	479.4	479.4	479.6	0.2
B	1.134	25	93	8.0	481.5	481.5	481.9	0.4
C	1.154	35	193	3.8	483.7	483.7	483.9	0.2
D	1.259	50	273	2.7	484.5	484.5	484.9	0.4
E	1.472	70	210	3.5	486.4	486.4	487.4	1.0
F	1.564	24	74	10.0	492.8	492.8	493.0	0.2
G	1.611	50	219	3.4	502.0	502.0	502.6	0.6
H	1.803	33	116	6.3	510.3	510.3	510.8	0.5
I	2.006	25	94	7.8	525.8	525.8	526.2	0.4
J	2.058	30	140	5.3	529.0	529.0	529.3	0.3
K	2.259	24	88	7.8	542.2	542.2	542.2	0.0
L	2.538	20	66	10.4	555.1	555.1	555.1	0.0
M	2.754	40	157	4.6	565.9	565.9	566.2	0.3
N	2.968	50	151	4.8	572.6	572.6	573.3	0.7
O	3.073	45	151	4.8	575.7	575.7	576.3	0.6
P	3.404	290	994	0.4	578.7	578.7	579.7	1.0
Q	3.615	20	49	8.9	584.2	584.2	584.2	0.0
R	3.641	20	49	8.9	588.2	588.2	588.2	0.0
S	3.703	20	58	6.9	594.7	594.7	595.2	0.5

¹Miles above confluence with Quinebaug River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: DEANS BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,012	25	48	3.8	279.1	279.1	279.9	0.8
B	2,946	15	31	3.8	280.9	280.9	281.9	1.0
C	3,076	17	69	1.7	285.1	285.1	286.1	1.0
D	3,206	14	24	4.9	285.5	285.5	286.1	0.6
E	3,311	15	42	2.8	287.4	287.4	288.4	1.0
F	3,416	15	31	3.7	287.6	287.6	288.4	0.8
G	3,676	14	24	4.9	289.4	289.4	289.4	0.0
H	3,791	19	53	2.2	292.0	292.0	292.0	0.0
I	4,386	15	31	3.8	297.6	297.6	298.6	1.0
J	4,511	26	43	2.7	298.5	298.5	298.8	0.3
K	5,181	16	21	5.6	299.7	299.7	299.7	0.0
L	5,311	14	18	6.4	301.2	301.2	301.2	0.0
M	5,726	24	64	1.8	304.5	304.5	304.5	0.0
N	5,826	20	34	3.5	304.5	304.5	304.5	0.0
O	6,026	20	33	3.6	304.7	304.7	305.7	1.0
P	6,126	6	14	8.6	309.7	309.7	310.1	0.4
Q	6,266	19	25	4.7	315.4	315.4	315.9	0.5
R	6,366	16	22	5.3	323.1	323.1	323.5	0.4
S	6,446	43	181	0.6	323.2	323.2	323.6	0.4
T	6,506	20	71	1.6	323.2	323.2	323.6	0.4
U	6,596	17	19	6.1	325.9	325.9	325.9	0.0

¹Feet above confluence with Jackstraw Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: DENNY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	7,001	*	*	*	334.5	*	*	*
W	7,786	*	*	*	350.6	*	*	*
X	8,028	*	*	*	355.1	*	*	*
Y	8,598	*	*	*	361.7	*	*	*
Z	9,947	*	*	*	395.2	*	*	*

¹Feet above confluence with Jackstraw Brook

*No floodway data computed

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: DENNY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	370	88	41	12.7	353.1	351.5 ²	351.6	0.1
B	400	51	176	3.0	353.1	352.4 ²	352.6	0.2
C	1,030	41	296	1.8	353.1	352.9 ²	353.7	0.8

¹Feet above confluence with Blackstone River

²Elevation computed without consideration of backwater effects from Blackstone River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: DOROTHY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0	185	1,300	1.5	490.5	490.1 ²	491.1	1.0
B	1,050	215	1,725	1.1	490.5	490.3 ²	491.3	1.0
C	2,220	490	2,630	0.7	490.5	490.4 ²	491.4	1.0
D	3,550	400	2,080	0.9	490.6	490.6	491.6	1.0
E	4,358	110	320	5.9	490.9	490.9	491.7	0.8

¹Feet above confluence with Kettle Brook

²Elevation computed without consideration of backwater effects from Kettle Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: DUNNS BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0	332	1,878	0.5	935.2	935.2	936.2	1.0
B	3,860	414	1,313	0.7	935.7	935.7	936.7	1.0
C	6,050	245	546	1.6	936.9	936.9	937.9	1.0
D	7,640	72	243	3.6	945.7	945.7	946.6	0.9
E	9,720	35	151	5.4	957.8	957.8	958.6	0.8
F	11,246	186	1,370	0.6	982.2	982.2	982.5	0.3
G	13,221	29	137	5.4	1,004.9	1,004.9	1,005.7	0.8

¹Feet above corporate limits

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: EAST BRANCH WARE RIVER (HUBBARDSTON)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0	1,750	45,080	0.0	812.4	812.4	812.4	0.0
B	1,840	735	18,881	0.1	812.4	812.4	812.4	0.0
C	4,440	*	1,480	1.4	812.4	812.4	812.4	0.0
D	6,580	*	1,567	1.3	812.4	812.4	812.6	0.2
E	10,960	230	1,974	0.8	812.5	812.5	813.2	0.7
F	11,990	150	757	2.1	812.8	812.8	813.5	0.7
G	15,250	95	620	2.5	816.1	816.1	817.0	0.9
H	17,930	304	1,496	1.0	817.8	817.8	818.8	1.0
I	20,175	155	890	1.7	823.6	823.6	824.2	0.6
J	22,475	*	304	4.5	833.5	833.5	833.7	0.2
K	24,895	*	151	8.7	854.5	854.5	855.5	1.0
L	25,655	*	780	1.7	867.3	867.3	867.6	0.3
M	28,085	*	251	5.2	870.2	870.2	870.8	0.6
N	29,945	115	781	1.6	872.6	872.6	873.2	0.6
O	33,185	240	1,286	1.0	873.6	873.6	874.4	0.8

¹Feet above corporate limits

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: EAST BRANCH WARE RIVER (RUTLAND)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	121	30	99	10.4	612.3	612.3	612.3	0.0
B	686	40	149	6.9	617.3	617.3	617.8	0.5
C	2,049	70	254	4.0	626.3	626.3	627.1	0.8
D	2,545	290	890	1.2	627.6	627.6	628.6	1.0
E	3,221	165	324	3.0	629.1	629.1	629.9	0.8
F	4,277	90	299	3.3	634.0	634.0	634.8	0.8
G	5,032	61	111	6.3	639.4	639.4	639.6	0.2
H	5,259	58	152	4.6	642.5	642.5	642.5	0.0
I	5,697	16	57	10.8	644.0	644.0	644.0	0.0
J	5,966	40	146	4.3	648.1	648.1	648.8	0.7

¹Feet above Town Farm Road

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: EAST WACHUSETT BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	5,407	*	*	*	243.1	*	*	*
B	6,366	*	*	*	246.1	*	*	*
C	7,534	*	*	*	246.1	*	*	*
D	8,585	*	*	*	246.2	*	*	*
E	9,265	49	249	1.8	249.8	249.8	249.8	0.0
F	9,615	32 / 95 ²	465	0.8	249.9	249.9	249.9	0.0
G	18,177	19	28	6.9	278.7	278.7	278.7	0.0
H	18,382	28	31	6.1	314.9	314.9	314.9	0.0
I	18,520	74	272	0.7	320.6	320.6	321.4	0.8
J	18,978	21	36	5.2	324.3	324.3	324.7	0.4
K	19,439	182	579	0.3	339.5	339.5	340.4	0.9

¹Feet above Harvard Road

²Width within county/total width

*No floodway data computed

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: ELIZABETH BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	73	1,236 ³	220	4.2	284.1	277.0 ²	277.6	0.6
B	1,034	175	494	1.9	284.1	278.5 ²	279.2	0.7
C	1,709	136	330	2.8	284.1	279.5 ²	280.3	0.8
D	2,957	96	294	3.1	284.1	282.9 ²	283.7	0.8
E	3,912	43	192	4.3	285.5	285.5	286.2	0.7
F	4,947	66	180	4.5	289.0	289.0	289.8	0.8
G	6,099	67	164	5.0	295.7	295.7	296.7	1.0
H	6,524	28	99	8.3	300.2	300.2	300.2	0.0
I	6,793	65	171	4.8	302.8	302.8	303.2	0.4
J	7,261	49	115	7.1	309.1	309.1	309.1	0.0
K	7,473	70	397	2.1	315.8	315.8	316.6	0.8
L	8,125	30	84	9.8	322.1	322.1	322.1	0.0
M	8,517	40	142	5.7	327.1	327.1	327.5	0.4
N	8,573	57	180	4.5	327.4	327.4	328.3	0.9
O	8,590	50	245	3.4	327.9	327.9	328.6	0.7
P	8,668	50	157	5.2	333.0	333.0	333.0	0.0
Q	9,008	26	90	9.1	339.2	339.2	339.2	0.0
R	9,388	35	129	6.3	344.3	344.3	344.4	0.1
S	9,695	50	195	4.2	346.9	346.9	347.0	0.1
T	9,864	120	477	1.7	351.2	351.2	351.9	0.7
U	10,126	47	414	2.0	351.2	351.2	351.9	0.7

¹Feet above confluence with North Nashua River

²Elevation computed without consideration of backwater effects from North Nashua River

³Combined width of Fall Brook and North Nashua River floodways

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FALL BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	10,605	63	308	1.9	351.2	351.2	352.1	0.9
W	11,317	21	67	8.8	355.9	355.9	355.9	0.0
X	11,583	31	84	7.1	360.5	360.5	360.5	0.0
Y	11,758	98	328	1.8	365.6	365.6	366.0	0.4
Z	12,487	62	100	5.9	374.6	374.6	374.6	0.0
AA	13,950	21	73	8.1	395.6	395.6	395.9	0.3
AB	14,349	28	95	6.2	400.7	400.7	401.4	0.7
AC	14,539	222	595	1.0	408.2	408.2	408.2	0.0
AD	15,393	31	65	7.4	414.8	414.8	414.8	0.0
AE	16,090	58	89	5.3	427.5	427.5	427.5	0.0
AF	16,827	31	70	6.8	438.6	438.6	438.6	0.0
AG	17,505	19	52	9.2	451.6	451.6	451.6	0.0
AH	17,632	44	469	1.0	462.3	462.3	462.3	0.0
AI	17,657	49	458	1.0	462.3	462.3	462.3	0.0
AJ	17,746	171	1,228	0.4	473.4	473.4	473.4	0.0
AK	18,117	218	2,011	0.2	473.4	473.4	473.4	0.0
AL	19,026	502	3,310	0.1	473.4	473.4	473.4	0.0
AM	20,029	254	613	0.6	473.4	473.4	473.4	0.0
AN	20,053	165	411	0.9	473.4	473.4	473.4	0.0
AO	20,171	21	75	5.1	473.9	473.9	474.9	1.0
AP	20,988	23	47	8.1	481.8	481.8	481.9	0.1

¹Feet above confluence with North Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FALL BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	21,587	15	60	6.3	489.8	489.8	490.6	0.8
AR	22,138	13	53	7.1	497.6	497.6	498.1	0.5
AS	22,490	20	57	6.7	503.2	503.2	503.8	0.6
AT	22,684	52	295	1.3	511.0	511.0	511.1	0.1
AU	23,209	15	43	8.9	514.5	514.5	515.0	0.5
AV	24,292	27	63	4.3	532.6	532.6	533.4	0.8
AW	24,498	15	76	3.6	541.3	541.3	541.3	0.0
AX	25,028	26	40	6.7	551.9	551.9	552.1	0.2
AY	25,150	35	93	2.9	556.6	556.6	557.6	1.0
AZ	25,943	6	33	8.2	578.0	578.0	578.0	0.0
BA	26,078	46	177	1.5	584.9	584.9	584.9	0.0
BB	26,753	57	55	4.9	613.5	613.5	613.5	0.0
BC	26,955	17	42	6.5	618.1	618.1	618.3	0.2
BD	27,123	54	188	1.4	622.9	622.9	623.7	0.8
BE	27,568	38	45	6.1	651.1	651.1	651.1	0.0

¹Feet above confluence with North Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FALL BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,635	80	1,324	2.0	606.3	606.3	606.3	0.0
B	2,620	69	316	8.5	608.4	608.4	608.6	0.2
C	3,170	45	215	12.5	614.9	614.9	614.9	0.0
D	4,160	80	929	2.9	642.7	642.7	643.0	0.3
E	5,740	125	775	3.5	643.0	643.0	643.3	0.3

¹Feet above confluence with North Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FLAGG BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	16	85	480	0.4	1,024.5	1,024.5	1,025.5	1.0
B	132	15	75	2.4	1,024.7	1,024.7	1,025.5	0.8
C	681	10	80	2.1	1,024.7	1,024.7	1,025.7	1.0
D	1,536	25	135	1.3	1,025.1	1,025.1	1,026.1	1.0
E	2,107	10	25	6.6	1,028.7	1,028.7	1,028.9	0.2
F	2,967	15	25	6.7	1,040.4	1,040.4	1,040.7	0.3
G	3,897	30	80	2.2	1,043.5	1,043.5	1,044.4	0.9
H	4,018	55	160	1.1	1,045.7	1,045.7	1,045.7	0.0
I	5,724	20	85	2.1	1,046.0	1,046.0	1,046.7	0.7
J	7,207	25	65	2.7	1,047.5	1,047.5	1,048.2	0.7
K	7,329	255	1,350	0.1	1,054.2	1,054.2	1,054.2	0.0
L	9,024	10	15	6.9	1,074.3	1,074.3	1,074.3	0.0
M	9,805	15	20	5.7	1,089.0	1,089.0	1,089.1	0.1
N	9,926	10	45	2.2	1,092.6	1,092.6	1,092.6	0.0
O	10,380	10	25	4.1	1,093.0	1,093.0	1,093.4	0.4

¹Feet above confluence with Mahoney Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FOSTER BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	38,311	538	3,134	1.2	406.0	406.0	406.0	0.0
B	41,330	205	1,558	2.1	406.3	406.3	406.3	0.0
C	42,526	280	1,855	1.8	406.7	406.7	406.8	0.1
D	42,924	135	1,016	3.2	407.0	407.0	407.1	0.1
E	43,677	102	797	4.1	407.8	407.8	408.0	0.2
F	44,739	99	806	4.1	409.2	409.2	409.8	0.6
G	45,631	112	1,066	3.1	411.6	411.6	412.0	0.4
H	46,251	245	1,722	1.9	412.0	412.0	412.7	0.7
I	46,684	271	1,299	2.5	412.5	412.5	413.0	0.5
J	47,075	120	816	4.0	415.3	415.3	415.4	0.1
K	47,403	64	671	4.9	416.2	416.2	416.5	0.3
L	47,711	92	730	4.5	417.0	417.0	417.5	0.5
M	47,986	70	659	5.0	418.0	418.0	418.4	0.4
N	48,641	53	642	3.8	419.0	419.0	419.7	0.7
O	48,975	59	666	3.7	419.2	419.2	420.1	0.9
P	49,226	52	488	5.1	419.5	419.5	420.4	0.9
Q	49,646	52	591	4.2	420.2	420.2	421.2	1.0
R	50,469	63	741	3.3	421.1	421.1	422.1	1.0
S	50,677	79	836	3.0	421.4	421.4	422.3	0.9
T	51,820	84	443	5.6	423.0	423.0	423.7	0.7
U	52,019	182	802	3.1	432.9	432.9	432.9	0.0

¹Feet above confluence with Quinebaug River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FRENCH RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	53,697	400	1,852	1.3	433.9	433.9	433.9	0.0
W	54,547	89	394	6.3	433.9	433.9	433.9	0.0
X	55,810	263	2,310	0.9	452.0	452.0	452.0	0.0
Y	56,123	183	1,575	1.3	452.0	452.0	452.0	0.0
Z	56,502	175	1,306	1.6	452.3	452.3	452.3	0.0
AA	57,196	315	2,071	1.0	452.5	452.5	452.5	0.0
AB	58,356	356	1,826	1.1	452.6	452.6	452.6	0.0
AC	60,100	247	1,907	1.1	452.6	452.6	452.6	0.0
AD	61,920	735	3,114	0.7	452.7	452.7	452.7	0.0
AE	65,302	194	1,021	2.0	452.7	452.7	452.8	0.1
AF	66,364	89	768	2.7	452.9	452.9	452.9	0.0
AG	68,191	580	1,704	1.2	453.1	453.1	453.2	0.1
AH	69,643	298	1,121	1.8	453.6	453.6	454.2	0.6
AI	70,330	211	697	3.0	454.6	454.6	455.0	0.4
AJ	70,827	83	488	4.2	456.2	456.2	456.4	0.2
AK	71,858	54	440	4.7	457.1	457.1	457.3	0.2
AL	74,041	242	1,416	0.4	457.4	457.4	457.8	0.4
AM	75,079	75	659	0.8	457.4	457.4	457.8	0.4
AN	76,032	798	3,596	0.1	457.5	457.5	457.8	0.3
AO	78,156	229	1,080	0.5	457.5	457.5	457.8	0.3
AP	78,508	82	642	0.8	457.8	457.8	458.1	0.3

¹Feet above confluence with Quinebaug River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FRENCH RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	80,062	563	2,324	0.0	457.8	457.8	458.2	0.4
AR	82,133	41	258	0.3	457.8	457.8	458.2	0.4
AS	85,041	192	812	0.1	457.8	457.8	458.2	0.4
AT	85,934	25	16	4.5	459.1	459.1	459.1	0.0
AU	103,788	81	244	8.8	502.8	502.8	502.8	0.0
AV	104,840	38	164	11.8	516.9	516.9	517.0	0.1
AW	106,103	151	478	4.0	526.6	526.6	526.7	0.1
AX	106,471	217	648	3.0	532.8	532.8	532.8	0.0
AY	107,756	201	347	5.6	545.3	545.3	545.7	0.4
AZ	108,699	453	305	6.4	551.6	551.6	552.5	0.9
BA	109,780	54	198	9.8	565.6	565.6	565.6	0.0
BB	110,665	60	191	10.1	573.6	573.6	573.6	0.0
BC	111,115	27	146	13.3	578.9	578.9	579.1	0.2
BD	112,064	58	213	9.1	588.7	588.7	588.7	0.0
BE	113,304	353	520	5.3	602.7	602.7	602.7	0.0
BF	117,173	247	746	3.0	606.5	606.5	607.2	0.7
BG	119,782	46	198	10.3	627.7	627.7	628.1	0.4
BH	120,453	56	209	9.8	635.9	635.9	635.9	0.0
BI	121,041	148	1,051	1.9	648.1	648.1	648.6	0.5
BJ	121,312	55	470	4.3	650.7	650.7	651.1	0.4
BK	121,484	33	298	6.9	650.9	650.9	651.3	0.4

¹Feet above confluence with Quinebaug River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FRENCH RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BL	121,841	33	230	8.9	651.7	651.7	652.5	0.8
BM	122,754	138	291	7.0	663.8	663.8	663.8	0.0
BN	123,668	41	175	11.7	674.5	674.5	674.5	0.0
BO	124,194	72	211	9.7	682.0	682.0	682.0	0.0
BP	124,799	32	160	12.7	685.7	685.7	686.1	0.4
BQ	125,294	57	263	7.8	689.8	689.8	690.3	0.5
BR	125,417	141	748	3.1	703.0	703.0	703.9	0.9
BS	128,205	121	779	1.3	703.2	703.2	704.1	0.9
BT	129,108	25	90	10.8	703.8	703.8	704.4	0.6
BU	130,169	39	112	8.7	722.4	722.4	722.4	0.0
BV	130,457	33	99	9.9	742.7	742.7	742.7	0.0
BW	130,784	261	1,118	0.9	762.4	762.4	762.4	0.0

¹Feet above confluence with Quinebaug River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FRENCH RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	108	25	221	1.7	452.1	452.1	452.1	0.0
B	546	25	56	6.9	452.1	452.1	452.3	0.2
C	657	20	45	8.6	459.8	459.8	459.8	0.0
D	1,096	20	52	7.4	467.7	467.7	467.7	0.0
E	1,523	15	46	7.5	479.6	479.6	479.6	0.0
F	1,666	20	128	2.7	483.7	483.7	483.7	0.0
G	1,983	30	59	5.9	484.7	484.7	484.7	0.0
H	2,215	20	62	5.6	486.0	486.0	486.8	0.8
I	2,384	20	118	3.0	495.0	495.0	495.0	0.0
J	2,632	20	80	4.3	495.0	495.0	495.4	0.4
K	3,329	40	131	2.2	505.4	505.4	505.6	0.2
L	3,540	60	77	3.7	506.1	506.1	506.2	0.1
M	3,820	60	160	1.8	507.3	507.3	507.9	0.6
N	3,936	30	62	4.5	508.4	508.4	508.4	0.0
O	4,269	20	44	6.5	511.7	511.7	511.9	0.2
P	4,406	20	103	2.7	516.1	516.1	516.1	0.0
Q	4,728	20	41	6.9	521.1	521.1	521.2	0.1
R	4,876	20	120	2.3	534.3	534.3	534.3	0.0
S	5,357	20	40	7.1	538.7	538.7	538.7	0.0
T	5,462	20	49	5.8	553.6	553.6	553.6	0.0
U	5,832	30	83	3.4	555.4	555.4	556.4	1.0
V	5,964	20	13	2.1	573.9	573.9	573.9	0.0

¹Feet above Boston and Maine Railroad

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GATES BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3	317	866	1.0	242.8	241.2 ²	242.2	1.0
B	123	304	591	1.4	242.8	241.2 ²	242.2	1.0
C	747	511	1,280	0.6	242.8	241.7 ²	242.7	1.0
D	811	535	1,524	0.5	242.8	241.7 ²	242.7	1.0
E	1,398	75	128	6.5	242.8	242.2 ²	242.8	0.6
F	1,427	39	110	7.5	243.0	243.0	243.6	0.6
G	1,491	78	622	1.3	247.6	247.6	247.6	0.0
H	1,514	108	716	1.2	247.6	247.6	247.6	0.0
I	2,239	74	310	2.7	247.7	247.7	247.7	0.0
J	2,564	67	252	3.3	247.9	247.9	248.0	0.1
K	2,640	66	327	2.5	248.8	248.8	249.5	0.7
L	2,696	100	655	1.3	248.9	248.9	249.7	0.8
M	2,954	259	1,469	0.6	249.0	249.0	249.8	0.8
N	4,025	31	126	6.6	249.0	249.0	250.0	1.0
O	4,269	61	338	2.5	253.8	253.8	254.8	1.0
P	4,407	38	204	4.1	253.8	253.8	254.8	1.0
Q	4,596	28	267	3.1	256.9	256.9	257.6	0.7
R	5,793	78	230	3.6	257.7	257.7	258.7	1.0
S	5,908	79	167	5.0	258.5	258.5	259.2	0.7
T	6,173	238	2,859	0.3	268.6	268.6	269.6	1.0
U	6,369	250	2,487	0.3	268.6	268.6	269.6	1.0

¹Feet above confluence with Charles River

²Elevation computed without consideration of backwater effects from Charles River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GODFREY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	6,955	153	1,022	0.8	268.6	268.6	269.6	1.0
W	7,256	30	135	1.1	268.7	268.7	269.7	1.0
X	7,318	21	120	1.2	268.7	268.7	269.7	1.0
Y	7,898	30	16	8.9	269.3	269.3	269.3	0.0
Z	8,025	39	32	4.5	271.5	271.5	271.5	0.0
AA	8,099	41	100	1.4	272.2	272.2	272.2	0.0
AB	8,144	47	81	1.8	272.2	272.2	272.2	0.0
AC	8,364	13	21	6.8	273.0	273.0	273.0	0.0
AD	8,621	20	50	2.9	274.8	274.8	274.8	0.0
AE	8,928	16	14	2.9	275.4	275.4	275.4	0.0
AF	8,967	16	5	5.0	276.1	276.1	276.1	0.0
AG	9,025	24	11	2.4	277.8	277.8	277.8	0.0
AH	9,204	16	3	3.8	279.6	279.6	279.6	0.0
AI	9,247	10	4	3.4	280.4	280.4	280.4	0.0
AJ	9,371	12	5	2.7	281.2	281.2	281.2	0.0
AK	9,564	12	3	4.1	283.7	283.7	283.7	0.0
AL	9,656	10	3	4.3	285.8	285.8	285.8	0.0
AM	9,860	15	4	3.3	289.2	289.2	289.2	0.0
AN	10,081	12	4	3.6	291.4	291.4	291.4	0.0
AO	10,151	18	4	3.6	292.5	292.5	292.5	0.0
AP	10,248	22	4	3.0	293.9	293.9	293.9	0.0

¹Feet above confluence with Charles River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GODFREY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	10,414	16	4	3.8	296.1	296.1	296.1	0.0
AR	10,836	24	46	7.3	305.3	305.3	305.3	0.0
AS	10,933	27	115	2.9	307.4	307.4	308.3	0.9
AT	11,031	48	61	5.5	308.9	308.9	308.9	0.0
AU	11,126	12	53	6.4	310.3	310.3	310.6	0.3
AV	11,395	11	34	10.0	317.6	317.6	318.3	0.7
AW	11,608	15	37	9.0	321.5	321.5	322.4	0.9
AX	11,733	13	92	3.7	326.5	326.5	327.2	0.7
AY	12,043	26	52	6.4	329.6	329.6	330.6	1.0
AZ	12,335	25	124	2.7	343.3	343.3	343.9	0.6
BA	12,717	44	81	4.2	349.4	349.4	349.5	0.1
BB	12,813	71	153	2.2	354.3	354.3	354.3	0.0
BC	13,011	59	81	4.2	358.5	358.5	358.5	0.0
BD	13,095	28	82	4.1	360.0	360.0	360.5	0.5
BE	13,374	6	47	7.2	364.4	364.4	364.7	0.3
BF	13,484	36	138	2.5	371.6	371.6	371.8	0.2
BG	13,675	13	34	9.9	373.0	373.0	373.0	0.0
BH	13,980	12	33	10.3	379.4	379.4	379.4	0.0
BI	14,052	12	31	10.8	381.7	381.7	381.7	0.0
BJ	14,246	32	85	4.0	384.8	384.8	384.8	0.0
BK	14,710	20	49	6.9	391.4	391.4	391.4	0.0

¹Feet above confluence with Charles River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GODFREY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BL	15,418	27	50	6.8	408.8	408.8	408.8	0.0
BM	15,615	28	46	7.3	413.9	413.9	413.9	0.0
BN	15,669	60	126	2.7	416.9	416.9	416.9	0.0

¹Feet above confluence with Charles River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GODFREY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,716	470	2,587	0.1	258.0	258.0	258.8	0.8
B	3,126	510	1,335	0.2	258.0	258.0	258.8	0.8
C	3,826	358	808	0.3	265.0	265.0	265.0	0.0
D	4,736	67	78	3.4	267.1	267.1	267.2	0.1

¹Feet above confluence with Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GOODRIDGE BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	364	215	412	0.7	693.2	693.2	694.1	0.9
B	1,272	315	728	0.4	693.3	693.3	694.3	1.0
C	1,859	315	640	0.4	693.4	693.4	694.4	1.0
D	2,339	315	592	0.5	693.8	693.8	694.6	0.8
E	3,363	110	89	3.2	695.7	695.7	695.9	0.2

¹Feet above Holden/Princeton corporate limits

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GOVERNOR BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,070	41	169	0.9	230.1	230.1	231.1	1.0
B	2,200	34	91	1.7	231.0	231.0	231.9	0.9
C	2,320	99	42	3.7	236.7	236.7	236.7	0.0
D	2,420	180	741	0.2	237.0	237.0	237.0	0.0
E	2,820	23	26	6.0	238.0	238.0	238.0	0.0
F	2,922	26	78	2.0	239.0	239.0	239.0	0.0
G	2,990	50	243	0.6	239.1	239.1	239.1	0.0
H	3,100	50	458	0.3	243.4	243.4	244.4	1.0
I	3,240	616	4,445	0.1	243.4	243.4	244.4	1.0
J	3,450	355	2,461	0.2	243.4	243.4	244.4	1.0
K	4,600	60	211	2.7	243.4	243.4	244.4	1.0
L	5,600	104	388	1.5	245.8	245.8	246.5	0.7
M	5,700	186	745	0.8	248.2	248.2	248.2	0.0
N	5,840	193	919	0.4	248.3	248.3	248.4	0.1
O	7,090	50	76	5.2	256.3	256.3	256.3	0.0
P	8,290	100	150	2.6	267.5	267.5	267.8	0.3
Q	8,400	118	345	1.1	268.5	268.5	268.5	0.0
R	8,510	50	181	2.2	268.6	268.6	268.7	0.1
S	8,870	100	117	3.3	272.1	272.1	272.2	0.1
T	8,980	20	67	5.8	273.3	273.3	273.5	0.2
U	9,070	83	319	1.2	274.2	274.2	274.4	0.2

¹Feet above mouth at Delaney Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GREAT BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	9,690	71	384	1.0	274.4	274.4	274.7	0.3
W	9,970	11	32	9.8	276.8	276.8	276.8	0.0
X	10,120	11	38	8.2	279.1	279.1	279.1	0.0
Y	10,270	12	67	4.7	280.6	280.6	280.7	0.1
Z	11,260	34	94	3.3	285.2	285.2	286.0	0.8
AA	12,270	32	107	2.9	288.7	288.7	289.5	0.8
AB	13,030	53	214	1.4	289.6	289.6	290.5	0.9
AC	13,200	18	30	10.3	290.6	290.6	291.0	0.4
AD	13,350	53	69	4.5	295.9	295.9	295.9	0.0
AE	14,510	55	70	4.4	321.2	321.2	321.5	0.3
AF	14,620	32	102	3.0	325.0	325.0	325.0	0.0
AG	14,730	111	538	0.6	325.1	325.1	325.2	0.1
AH	15,880	144	450	0.7	325.2	325.2	325.4	0.2
AI	16,730	10	31	4.9	325.2	325.2	325.4	0.2
AJ	16,890	7	26	5.7	326.6	326.6	327.3	0.7
AK	17,030	18	76	2.0	329.1	329.1	329.5	0.4
AL	17,150	16	73	2.1	329.1	329.1	329.6	0.5
AM	17,400	12	46	3.3	329.1	329.1	329.6	0.5
AN	17,640	12	69	2.2	329.2	329.2	329.7	0.5
AO	17,860	30	79	1.9	329.2	329.2	329.8	0.6
AP	17,980	103	456	0.3	332.1	332.1	332.1	0.0

¹Feet above mouth at Delaney Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GREAT BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	18,110	85	389	0.4	332.1	332.1	332.1	0.0
AR	18,310	54	243	0.6	332.1	332.1	332.1	0.0
AS	18,480	7	16	9.5	332.1	332.1	332.1	0.0
AT	18,670	18	79	1.9	333.9	333.9	333.9	0.0
AU	19,010	17	26	5.8	335.6	335.6	336.1	0.5
AV	19,100	54	157	1.0	336.4	336.4	337.4	1.0
AW	19,220	101	507	0.3	337.2	337.2	337.4	0.2
AX	19,600	13	39	3.9	337.2	337.2	337.4	0.2
AY	19,720	14	74	2.0	340.4	340.4	340.4	0.0
AZ	19,820	46	162	0.9	340.4	340.4	340.4	0.0
BA	20,390	21	145	1.0	340.5	340.5	340.6	0.1
BB	21,070	27	33	4.5	346.7	346.7	347.4	0.7
BC	21,180	66	129	1.2	347.3	347.3	348.3	1.0
BD	21,300	23	32	4.8	347.9	347.9	348.5	0.6
BE	21,930	60	119	1.3	352.6	352.6	353.6	1.0
BF	22,050	6	67	2.2	361.1	361.1	361.3	0.2
BG	22,140	203	1,175	0.1	361.3	361.3	361.5	0.2
BH	23,140	10	19	7.9	362.5	362.5	362.5	0.0
BI	23,250	44	117	1.3	364.0	364.0	364.4	0.4
BJ	23,350	10	40	3.8	364.0	364.0	364.5	0.5
BK	24,100	151	81	1.9	368.2	368.2	368.5	0.3

¹Feet above mouth at Delaney Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GREAT BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BL	24,220	10	28	5.4	369.3	369.3	369.3	0.0
BM	24,320	165	460	0.3	369.8	369.8	369.8	0.0
BN	24,770	53	145	1.0	369.8	369.8	369.9	0.1
BO	24,880	6	21	7.4	370.4	370.4	370.4	0.0
BP	24,970	6	26	5.7	371.8	371.8	371.9	0.1
BQ	25,080	8	23	6.5	374.7	374.7	374.7	0.0
BR	25,120	60	195	0.8	375.5	375.5	375.5	0.0
BS	25,280	53	77	1.2	375.8	375.8	376.8	1.0
BT	25,510	6	12	8.1	377.1	377.1	377.1	0.0
BU	26,860	6	32	3.0	391.0	391.0	391.6	0.6
BV	26,910	6	32	3.0	391.1	391.1	391.7	0.6
BW	26,970	25	30	3.2	391.5	391.5	391.8	0.3
BX	27,040	37	54	1.8	393.4	393.4	393.4	0.0
BY	27,130	10	60	1.6	394.1	394.1	394.1	0.0
BZ	27,220	8	31	3.0	394.1	394.1	394.2	0.1
CA	27,330	8	45	2.1	398.5	398.5	398.5	0.0
CB	27,430	10	47	2.0	398.7	398.7	398.7	0.0
CC	27,490	10	28	2.2	398.7	398.7	398.7	0.0
CD	27,620	9	21	2.9	401.7	401.7	401.7	0.0
CE	27,740	11	47	1.3	402.0	402.0	402.0	0.0
CF	29,750	7	10	6.2	436.4	436.4	436.5	0.1

¹Feet above mouth at Delaney Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GREAT BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CG	29,880	68	137	0.4	438.1	438.1	438.1	0.0
CH	29,990	38	72	0.8	438.1	438.1	438.1	0.0

¹Feet above mouth at Delaney Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GREAT BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	127	20	70	0.8	1,051.4	1,051.4	1,052.4	1.0
B	401	45	135	0.5	1,051.4	1,051.4	1,052.4	1.0
C	581	20	65	0.9	1,051.6	1,051.6	1,052.6	1.0

¹Feet above confluence with Mahoney Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GREENWOOD BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0.008	16	72	5.5	567.1	567.1	567.8	0.7
B	0.139	20	87	4.5	573.4	573.4	574.4	1.0
C	0.160	14	63	6.3	577.1	577.1	577.2	0.1
D	0.245	135	115	3.4	579.3	579.3	579.7	0.4
E	0.280	260	1,444	0.3	589.5	589.5	589.5	0.0
F	0.547	65	299	1.3	595.7	595.7	595.7	0.0
G	0.591	20	87	4.5	599.8	599.8	599.8	0.0
H	0.638	20	117	3.4	602.4	602.4	602.5	0.1
I	0.789	80	351	1.1	612.7	612.7	612.9	0.2
J	0.995	30	96	4.1	622.2	622.2	623.1	0.9
K	1.206	30	92	4.3	629.3	629.3	629.8	0.5
L	1.417	50	175	2.2	634.6	634.6	635.2	0.6
M	1.438	120	605	0.7	638.5	638.5	639.3	0.8
N	1.592	140	466	0.8	638.7	638.7	639.5	0.8
O	1.798	20	46	8.6	641.4	641.4	641.4	0.0
P	2.003	20	95	4.1	647.1	647.1	648.0	0.9
Q	2.054	10	77	5.1	651.1	651.1	651.1	0.0
R	2.286	120	554	0.7	651.9	651.9	652.9	1.0
S	2.459	20	53	7.4	655.4	655.4	655.4	0.0
T	2.546	30	243	1.6	665.4	665.4	666.2	0.8
U	2.715	30	106	3.7	669.3	669.3	669.3	0.0

¹Miles above Access Road

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: HAMANT BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	2.751	40	320	1.2	678.5	678.5	678.6	0.1
W	2.838	20	106	3.7	678.5	678.5	678.6	0.1
X	3.037	10	37	4.5	688.3	688.3	689.1	0.8
Y	3.044	10	32	5.2	688.3	688.3	689.2	0.9
Z	3.325	50	324	0.5	690.6	690.6	690.8	0.2
AA	3.618	85	490	0.3	690.6	690.6	690.8	0.2
AB	3.869	10	42	4.0	690.6	690.6	690.8	0.2

¹Miles above Access Road

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: HAMANT BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	65	30	75	2.1	267.5	267.5	267.5	0.0
B	205	26	50	3.1	267.7	267.7	267.7	0.0
C	279	13	41	3.9	268.4	268.4	268.4	0.0
D	340	13	33	4.8	268.9	268.9	268.9	0.0
E	550	79	169	3.1	282.7	282.7	282.7	0.0
F	630	65	140	3.8	282.9	282.9	282.9	0.0
G	708	13	72	7.3	289.3	289.3	290.3	1.0
H	808	83	573	0.9	289.3	289.3	290.3	1.0
I	2,091	141	821	0.7	289.4	289.4	290.4	1.0
J	2,588	200	835	0.7	291.9	291.9	292.9	1.0
K	3,628	399	2,214	0.3	292.0	292.0	293.0	1.0
L	4,710	254	1,273	0.5	293.0	293.0	294.0	1.0
M	4,758	152	951	0.7	293.0	293.0	294.0	1.0
N	5,360	233	1,418	0.5	293.0	293.0	294.0	1.0
O	5,761	417	2,062	0.2	293.1	293.1	294.1	1.0
P	6,622	307	1,060	0.5	293.2	293.2	294.2	1.0
Q	7,060	29	82	6.6	295.2	295.2	296.2	1.0
R	9,578	33	102	5.8	325.8	325.8	326.1	0.3
S	9,689	8	82	7.3	330.8	330.8	331.8	1.0
T	9,837	71	635	0.9	331.0	331.0	332.0	1.0

¹Feet above confluence with Cold Harbor Brook (Lower Reach)

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: HOWARD BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	230	63	375	1.0	265.1	265.1	265.1	0.0
B	500	87	465	0.8	265.1	265.1	265.1	0.0
C	725	51	60	6.2	266.1	266.1	266.1	0.0

¹Feet above confluence with Cold Harbor Brook (Lower Reach)

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: HOWARD BROOK SPLIT FLOW

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	170	*	217	2.2	275.1	275.1	275.1	0.0
B	1,000	*	58	8.4	275.1	275.1	275.1	0.0
C	1,170	*	167	2.9	277.4	277.4	277.4	0.0
D	1,340	*	994	0.5	284.6	284.6	284.6	0.0
E	1,470	*	3,370	0.1	284.6	284.6	284.6	0.0
F	3,055	*	1,725	0.3	284.6	284.6	284.6	0.0
G	3,330	*	69	7.0	284.6	284.6	284.6	0.0
H	3,520	*	65	7.5	284.6	284.6	284.6	0.0
I	4,405	*	72	7.1	293.8	293.8	294.0	0.2
J	4,590	20	93	2.9	299.4	299.4	299.4	0.0
K	5,145	29	87	3.1	299.5	299.5	300.5	1.0
L	5,962	47	92	2.9	303.2	303.2	303.4	0.2
M	6,087	50	316	0.9	307.5	307.5	307.9	0.4
N	7,910	28	48	5.6	311.4	311.4	312.0	0.6
O	8,420	20	40	6.8	325.0	325.0	325.2	0.2
P	8,670	21	64	1.9	329.7	329.7	329.7	0.0

¹Feet above confluence with Cedar Swamp Pond

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: HUCKLEBERRY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	153	52	186	1.2	299.4	299.4	300.4	1.0
B	530	11	35	6.6	299.8	299.8	300.4	0.6
C	655	25	159	1.5	308.8	308.8	308.8	0.0
D	2,100	16	29	6.9	315.5	315.5	315.6	0.1
E	3,253	25	52	3.9	329.6	329.6	330.3	0.7
F	3,477	30	83	2.4	332.4	332.4	332.4	0.0
G	3,778	*	2,050	0.1	332.4	332.4	332.5	0.1
H	4,700	*	967	0.2	332.4	332.4	332.5	0.1

¹Feet above confluence with Huckleberry Brook

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: IVY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,747	318	649	0.8	278.7	277.9 ²	278.6	0.7
B	3,479	318	468	0.7	278.7	278.5 ²	279.5	1.0
C	3,974	12	56	6.1	280.9	280.9	281.9	1.0
D	4,992	109	110	3.1	284.7	284.7	285.7	1.0
E	5,319	205	1,322	0.3	293.2	293.2	294.0	0.8
F	5,818	251	679	0.5	296.4	296.4	296.4	0.0
G	5,946	260	499	0.7	296.4	296.4	296.4	0.0
H	6,225	145	357	1.0	297.4	297.4	298.2	0.8
I	6,493	60	133	2.6	299.5	299.5	300.4	0.9
J	7,890	28	71	4.8	325.9	325.9	326.9	1.0
K	8,031	10	47	7.3	329.1	329.1	329.4	0.3
L	8,143	32	114	3.0	331.3	331.3	332.0	0.7
M	8,537	*	*	*	337.1	*	*	*
N	8,746	*	*	*	342.0	*	*	*
O	9,451	*	*	*	363.6	*	*	*
P	9,818	*	*	*	373.6	*	*	*
Q	10,417	*	*	*	390.7	*	*	*
R	12,075	*	*	*	460.6	*	*	*
S	12,761	*	*	*	474.6	*	*	*
T	13,552	*	*	*	486.8	*	*	*
U	13,870	*	*	*	492.2	*	*	*

¹Feet above confluence with Sullivan Brook

²Elevation computed without consideration of backwater effects from Sullivan Brook

*No floodway data computed

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: JACKSTRAW BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	-575	400	1,477	1.9	520.0	520.0	521.0	1.0
B	-25	23	179	15.9	522.9	522.9	522.9	0.0
C	97	42	190	15.0	526.2	526.2	526.3	0.1
D	746	233	1,549	1.8	530.8	530.8	531.8	1.0
E	1,626	15	155	18.4	538.7	538.7	538.7	0.0
F	2,186	132	1,016	2.8	547.7	547.7	548.0	0.3
G	3,110	184	978	2.9	548.8	548.8	549.5	0.7
H	3,650	111	331	8.6	554.1	554.1	554.1	0.0
I	4,820	164	356	8.0	571.1	571.1	572.1	1.0
J	5,210	318	433	6.6	580.0	580.0	580.0	0.0
K	5,790	136	318	9.0	599.5	599.5	599.5	0.0
L	5,890	153	342	8.3	608.9	608.9	609.1	0.2
M	6,220	66	218	13.1	622.4	622.4	622.4	0.0
N	6,670	42	200	14.2	629.5	629.5	629.5	0.0
O	7,040	21	174	16.4	644.8	644.8	644.8	0.0
P	7,102	58	645	4.5	661.9	661.9	661.9	0.0
Q	7,162	120	1,375	2.1	670.5	670.5	670.5	0.0

¹Feet above James Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: KETTLE BROOK (WEST)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	-79	55	178	2.4	784.9	784.9	785.4	0.5
B	-16	46	169	2.5	784.9	784.9	785.4	0.5
C	111	85	460	0.9	786.8	786.8	787.6	0.8
D	3,765	30	54	5.2	797.5	797.5	797.5	0.0
E	3,807	74	80	3.5	798.7	798.7	798.8	0.1
F	3,902	35	148	1.9	799.7	799.7	799.7	0.0
G	3,949	25	65	4.2	799.7	799.7	799.7	0.0

¹Feet above Hobbs Road

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: KEYES BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,304	50	171	1.7	696.2	696.2	697.2	1.0
B	2,292	30	133	2.1	697.3	697.3	698.1	0.8
C	2,925	20	309	1.2	709.4	709.4	709.4	0.0
D	5,211	20	125	2.9	709.4	709.4	709.7	0.3
E	7,677	25	61	5.9	728.3	728.3	728.6	0.3
F	9,668	200	389	0.9	729.7	729.7	730.5	0.8
G	10,703	30	69	5.2	743.3	743.3	743.3	0.0
H	10,824	40	76	4.7	746.3	746.3	746.4	0.1
I	11,019	40	76	4.7	749.5	749.5	749.5	0.0
J	12,450	10	25	9.1	774.0	774.0	774.1	0.1
K	14,504	20	72	3.2	808.8	808.8	809.3	0.5

¹Feet above Mashapaug Road

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: LEADMINE BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	465	30	181	5.0	394.8	389.2 ²	389.8	0.6
B	1,230	35	195	4.6	397.1	392.1 ²	392.7	0.6
C	1,690	35	177	5.1	397.5	394.6 ²	395.1	0.5
D	2,603	25	93	9.7	405.0	405.0	405.0	0.0
E	2,994	20	84	10.7	412.8	412.8	413.1	0.3
F	4,715	40	113	8.0	437.7	437.7	437.7	0.0
G	7,176	30	95	8.8	487.2	487.2	487.2	0.0
H	7,545	16	86	9.7	495.2	495.2	496.2	1.0
I	7,688	30	276	3.0	500.9	500.9	501.3	0.4
J	10,074	80	227	3.7	502.2	502.2	502.7	0.5
K	12,741	28	78	9.6	537.5	537.5	537.6	0.1

¹Feet above confluence with Quinebaug River

²Elevation computed without consideration of controlling effects from Quinebaug River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: LEBANON BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,864	50	122	7.2	697.7	697.7	698.1	0.4
B	1,969	20	78	11.3	699.4	699.4	699.5	0.1
C	2,603	20	78	11.2	712.4	712.4	712.6	0.2
D	2,946	100	280	2.6	716.0	716.0	716.0	0.0
E	3,696	40	104	7.0	721.9	721.9	722.1	0.2
F	3,992	30	85	8.6	726.1	726.1	726.2	0.1
G	4,198	30	216	2.8	733.7	733.7	733.8	0.1
H	5,016	40	97	6.3	734.4	734.4	734.4	0.0
I	5,512	30	70	8.7	740.7	740.7	740.9	0.2
J	5,676	50	110	5.5	743.8	743.8	743.8	0.0
K	6,399	50	102	4.1	756.3	756.3	756.6	0.3
L	8,437	150	524	1.2	771.6	771.6	772.4	0.8

¹Feet above Pikes Pond Dam

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: LITTLE NUGGET BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	-95	35	160	9.3	542.1	542.1	542.1	0.0
B	106	40	151	9.8	549.6	549.6	549.6	0.0
C	1,336	235	852	1.7	553.1	553.1	554.0	0.9
D	5,433	350	841	1.8	555.3	555.3	556.2	0.9
E	7,418	65	173	7.4	560.7	560.7	561.0	0.3
F	8,173	130	472	2.7	566.1	566.1	567.0	0.9
G	8,379	25	119	10.7	567.7	567.7	568.0	0.3
H	9,029	30	125	10.2	581.5	581.5	581.7	0.2
I	9,736	35	153	8.3	588.7	588.7	589.1	0.4
J	9,916	45	236	5.4	592.7	592.7	592.7	0.0
K	10,132	100	486	2.6	596.4	596.4	596.4	0.0
L	12,545	40	126	10.2	603.7	603.7	603.7	0.0

¹Feet above Turner Road

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: LITTLE RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0.000	50/260 ³	318	2.9	457.4	454.1 ²	455.1	1.0
B	0.095	50	281	3.3	457.4	454.7 ²	455.5	0.8
C	0.120	100	880	1.0	460.5	460.5	460.5	0.0
D	0.340	100	559	1.7	460.5	460.5	460.8	0.3
E	0.586	100	585	1.6	460.8	460.8	461.5	0.7
F	0.635	150	1,461	0.6	465.5	465.5	466.3	0.8
G	1.058	150	1,039	0.9	465.6	465.6	466.4	0.8
H	1.176	120	861	1.1	465.7	465.7	466.5	0.8
I	1.238	120	838	1.1	466.5	466.5	467.0	0.5
J	1.298	50	378	2.4	467.2	467.2	467.4	0.2
K	1.343	50	278	3.3	467.3	467.3	467.4	0.1
L	1.569	60	331	2.8	468.0	468.0	468.4	0.4
M	1.628	40	211	4.2	468.0	468.0	468.5	0.5
N	1.678	160	1,455	0.6	478.1	478.1	478.1	0.0
O	2.270	275	2,240	0.2	478.1	478.1	478.1	0.0
P	2.354	20	98	3.7	478.2	478.2	478.2	0.0
Q	2.409	30	139	2.6	478.3	478.3	478.4	0.1
R	2.468	40	198	1.8	480.2	480.2	480.2	0.0

¹Miles above confluence with French River

²Elevation computed without consideration of backwater effects from French River

³Modeled width/mapped width combined with French River floodway

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: LOWES BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	121	19	53	7.9	703.7	703.7	703.7	0.0
B	343	20	63	6.7	704.9	704.9	705.2	0.3
C	845	20	58	7.2	720.2	720.2	720.2	0.0
D	1,389	20	61	6.9	731.4	731.4	731.5	0.1
E	1,827	20	61	6.9	747.6	747.6	747.6	0.0
F	2,138	25	72	5.8	764.4	764.4	764.7	0.3
G	2,487	20	48	8.8	783.8	783.8	783.8	0.0
H	2,709	20	48	8.8	812.3	812.3	812.3	0.0

¹Feet above downstream face of Main Street culvert

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: LYNDE BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	766	50	145	4.1	922.4	921.4 ²	922.4	1.0
B	1,278	25	65	9.2	933.0	933.0	933.1	0.1
C	1,410	25	75	8.0	934.0	934.0	934.5	0.5
D	2,181	60	110	5.4	946.1	946.1	946.1	0.0
E	2,323	730	4,490	0.1	952.1	952.1	953.1	1.0
F	3,036	130	630	0.9	952.1	952.1	953.1	1.0
G	3,907	55	135	4.4	953.3	953.3	954.0	0.7
H	5,254	35	75	8.0	970.7	970.7	971.0	0.3
I	5,380	30	95	6.1	972.3	972.3	972.3	0.0
J	5,924	50	120	5.0	980.9	980.9	980.9	0.0
K	6,061	30	90	6.6	981.6	981.6	982.1	0.5
L	6,399	20	55	9.1	984.3	984.3	984.3	0.0
M	6,510	20	55	9.6	986.6	986.6	986.6	0.0
N	6,589	20	55	9.2	989.3	989.3	989.3	0.0
O	6,684	20	70	7.6	991.0	991.0	991.1	0.1
P	6,769	105	770	0.7	998.8	998.8	998.8	0.0
Q	8,068	540	3,825	0.1	998.8	998.8	998.8	0.0
R	8,622	40	280	2.0	998.8	998.8	998.8	0.0
S	9,039	40	260	2.2	998.8	998.8	999.1	0.3
T	9,166	15	85	6.5	1,001.3	1,001.3	1,001.3	0.0
U	9,874	85	515	1.1	1,011.6	1,011.6	1,011.7	0.1

¹Feet above confluence with Otter River

²Elevation computed without consideration of backwater effects from Otter River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MAHONEY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	10,006	80	585	1.0	1,012.3	1,012.3	1,012.5	0.2
W	10,560	410	1,480	0.4	1,012.3	1,012.3	1,012.5	0.2
X	10,951	410	2,205	0.2	1,012.3	1,012.3	1,012.5	0.2
Y	11,072	265	830	0.6	1,012.7	1,012.7	1,012.9	0.2
Z	11,790	25	100	5.1	1,013.1	1,013.1	1,013.5	0.4
AA	11,891	15	45	10.6	1,016.3	1,016.3	1,016.3	0.0
AB	12,065	20	65	7.7	1,020.7	1,020.7	1,021.0	0.3
AC	12,218	10	40	11.8	1,022.7	1,022.7	1,023.0	0.3
AD	12,545	165	560	0.9	1,024.5	1,024.5	1,025.5	1.0
AE	12,846	50	250	2.0	1,024.5	1,024.5	1,025.5	1.0
AF	12,999	45	230	2.2	1,025.3	1,025.3	1,026.2	0.9
AG	13,480	15	95	3.8	1,025.8	1,025.8	1,026.5	0.7
AH	13,570	10	60	6.0	1,025.8	1,025.8	1,026.6	0.8
AI	13,707	15	40	8.7	1,028.8	1,028.8	1,029.0	0.2
AJ	14,008	20	45	7.7	1,034.5	1,034.5	1,034.8	0.3
AK	14,208	10	35	10.5	1,041.4	1,041.4	1,041.7	0.3
AL	14,905	80	365	1.0	1,050.0	1,050.0	1,050.0	0.0
AM	15,618	15	55	6.5	1,050.9	1,050.9	1,051.3	0.4
AN	16,743	190	545	0.3	1,052.8	1,052.8	1,053.8	1.0
AO	17,461	960	2,030	0.1	1,052.8	1,052.8	1,053.8	1.0
AP	18,644	15	25	5.6	1,059.9	1,059.9	1,060.2	0.3

¹Feet above confluence with Otter River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MAHONEY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	18,781	205	365	0.3	1,066.8	1,066.8	1,066.8	0.0
AR	20,138	45	55	2.3	1,068.3	1,068.3	1,068.3	0.0
AS	24,394	25	50	2.5	1,071.7	1,071.7	1,072.7	1.0
AT	24,510	55	135	0.9	1,072.1	1,072.1	1,073.0	0.9

¹Feet above confluence with Otter River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MAHONEY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	63	40	106	7.9	481.0	481.0	481.0	0.0
B	602	30	144	5.8	482.9	482.9	483.8	0.9
C	887	24	134	6.2	484.7	484.7	485.4	0.7
D	2,603	40	194	4.3	493.0	493.0	493.6	0.6
E	3,453	24	107	7.8	500.0	500.0	500.6	0.6
F	3,501	24	80	10.4	503.7	503.7	503.9	0.2

¹Feet above confluence with Quinebaug River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MCKINSTRY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	6,000	88	113	2.3	364.0	359.8 ²	360.8	1.0
B	6,120	10	32	8.1	364.0	361.2 ²	361.6	0.4
C	6,240	15	76	3.4	364.0	363.1 ²	363.3	0.2
D	6,900	98	162	1.6	364.6	364.6	365.4	0.8
E	8,700	11	28	9.1	385.7	385.7	385.7	0.0
F	10,340	46	133	1.9	397.2	397.2	397.7	0.5

¹Feet above mouth at Flint Pond

²Elevation computed without consideration of backwater effects from Quinsigamond River (upper)

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MEADOW BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	68	261	1,071	5.4	443.5	443.5	444.1	0.6
B	307	595	2,209	2.9	444.9	444.9	445.6	0.7
C	369	450	2,608	2.3	445.2	445.2	445.9	0.7
D	663	448	2,468	4.0	445.3	445.3	446.0	0.7
E	1,573	301	1,723	5.1	445.5	445.5	446.2	0.7
F	3,574	353	2,098	3.9	447.1	447.1	447.8	0.7
G	4,199	815	2,637	5.3	451.7	451.7	451.8	0.2
H	4,687	430	1,758	5.8	451.9	451.9	452.3	0.4
I	5,250	278	1,310	7.1	452.2	452.2	452.7	0.5
J	6,140	76	919	4.5	452.2	452.0	452.2	0.2
K	6,410	86	915	4.5	452.2	452.0	452.3	0.3
L	7,580	88	587	7.1	453.1	453.1	453.1	0.0
M	8,190	54	318	13.0	454.1	454.1	454.1	0.0
N	9,228	66	529	7.8	460.3	460.3	460.3	0.0
O	10,033	330	1,314	3.2	462.3	462.3	462.3	0.0
P	11,643	63	366	11.3	466.7	466.7	466.7	0.0
Q	12,056	105	642	6.4	469.1	469.1	469.1	0.0
R	12,121	88	1,110	3.7	469.7	469.7	470.7	1.0
S	13,221	79	463	8.9	469.7	469.7	470.7	1.0
T	13,273	43	541	7.6	472.7	472.7	472.7	0.0
U	13,373	43	640	6.5	473.9	473.9	474.9	1.0

¹Feet above confluence with Blackstone River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MIDDLE RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V W	13,384 13,512	156 45	1,403 527	3.0 7.9	475.2 475.4	475.2 475.4	476.2 476.3	1.0 0.9

¹Feet above confluence with Blackstone River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MIDDLE RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	9,821	25	45	8.0	289.8	289.8	289.8	0.0
B	11,252	32	110	3.3	299.2	299.2	300.1	0.9
C	12,683	30	159	2.3	302.1	302.1	302.2	0.1
D	12,794	30	139	2.6	302.3	302.3	302.4	0.1
E	12,905	12	51	7.1	302.4	302.4	302.4	0.0
F	13,823	12	407	0.9	303.6	303.6	304.1	0.5
G	14,821	40	55	6.6	308.5	308.5	308.5	0.0
H	14,932	40	99	3.6	309.6	309.6	309.6	0.0
I	15,075	317	393	0.9	309.9	309.9	310.0	0.1
J	15,254	60	193	1.9	310.0	310.0	310.1	0.1
K	15,355	52	86	4.2	310.0	310.0	310.2	0.2
L	15,450	30	72	5.0	311.1	311.1	311.1	0.0
M	16,141	60	254	1.4	311.9	311.9	312.2	0.3
N	17,546	119	330	1.1	312.3	312.3	312.7	0.4
O	18,924	80	426	0.8	312.5	312.5	312.9	0.4
P	19,035	79	275	1.3	312.5	312.5	312.9	0.4
Q	19,146	50	205	1.8	312.5	312.5	313.0	0.5
R	20,244	12	29	9.1	314.6	314.6	314.6	0.0
S	20,360	12	29	9.0	319.4	319.4	319.4	0.0
T	20,397	12	53	5.0	320.7	320.7	320.7	0.0
U	20,434	12	69	3.8	333.5	333.5	333.5	0.0

¹Feet above confluence with Assabet River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MILL BROOK (TOWN OF BOLTON)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	20,534	31	136	1.9	333.9	333.9	333.9	0.0
W	20,983	25	56	4.7	334.5	334.5	334.9	0.4
X	21,031	33	71	3.7	341.6	341.6	341.6	0.0
Y	21,073	26	445	0.6	341.8	341.8	341.8	0.0
Z	21,136	85	645	0.4	343.1	343.1	343.1	0.0
AA	21,247	24	132	2.0	343.1	343.1	343.1	0.0

¹Feet above confluence with Assabet River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MILL BROOK (TOWN OF BOLTON)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0.125	30	158	1.5	452.6	452.6	452.6	0.0
B	0.156	16	90	2.6	453.0	453.0	453.0	0.0
C	0.247	30	170	1.4	453.0	453.0	453.3	0.3
D	0.346	20	105	2.2	453.0	453.0	453.4	0.4
E	0.462	20	109	2.1	453.1	453.1	453.8	0.7
F	0.498	10	55	4.2	453.8	453.8	454.1	0.3
G	0.605	25	106	2.2	454.1	454.1	454.9	0.8
H	0.712	65	242	1.0	454.3	454.3	455.2	0.9

¹Miles above confluence with French River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MILL BROOK (TOWN OF WEBSTER)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0	180	1,700	1.8	175.1	175.1	176.1	1.0
B	1,000	150	950	3.3	175.4	175.4	176.4	1.0
C	1,320	280	360	8.6	175.5	175.5	176.5	1.0
D	1,355	280	360	8.6	175.7	175.7	176.6	0.9
E	1,650	70	450	6.9	177.2	177.2	177.7	0.5
F	2,880	160	770	4.0	178.3	178.3	179.3	1.0
G	4,020	160	890	3.5	179.7	179.7	180.4	0.7
H	4,760	410	820	3.3	182.0	182.0	182.0	0.0
I	5,180	410	280	9.6	183.4	183.4	183.4	0.0
J	5,210	440	1,550	1.7	186.9	186.9	186.9	0.0
K	5,550	280	790	3.4	186.9	186.9	186.9	0.0
L	5,870	130	340	7.9	187.6	187.6	187.6	0.0
M	7,100	90	690	3.9	194.7	194.7	194.9	0.2
N	9,060	90	630	4.3	195.9	195.9	196.3	0.4
O	12,500	220	1,615	1.7	197.8	197.8	198.6	0.8
P	16,680	260	1,730	1.6	199.7	199.7	200.2	0.5
Q	18,770	545	2,888	0.8	199.9	199.9	200.6	0.7
R	21,280	253	1,011	2.3	200.3	200.3	201.0	0.7
S	23,300	375	1,457	1.4	202.3	202.3	202.5	0.2
T	25,280	243	1,182	1.8	202.9	202.9	203.4	0.5
U	27,790	350	2,379	0.8	203.0	203.0	203.7	0.7

¹Feet above confluence with Harris Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MILL RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	29,100	231	1,543	1.2	204.6	204.6	205.1	0.5
W	30,820	39	113	8.9	211.6	211.6	211.6	0.0
X	31,000	45	267	3.8	216.1	216.1	216.5	0.4
Y	32,955	139	387	2.6	219.3	219.3	220.1	0.8
Z	34,685	86	369	2.7	221.2	221.2	222.0	0.8
AA	36,834	168	708	1.4	222.3	222.3	223.3	1.0
AB	38,349	*	182	5.0	223.7	223.7	224.3	0.6
AC	38,519	*	145	6.3	224.0	224.0	224.7	0.7
AD	39,099	*	77	10.7	227.8	227.8	228.2	0.4
AE	40,531	148	1,013	0.8	239.4	239.4	239.6	0.2
AF	41,851	130	895	0.9	239.4	239.4	239.8	0.4
AG	43,661	*	331	2.5	239.4	239.4	240.3	0.9
AH	44,771	42	200	3.8	240.6	240.6	241.4	0.8
AI	44,986	27	177	4.3	243.2	243.2	243.2	0.0
AJ	46,791	*	178	4.3	245.1	245.1	246.0	0.9
AK	47,152	*	180	4.2	246.3	246.3	247.3	1.0
AL	48,520	*	1,780	0.4	275.1	275.1	275.1	0.0
AM	50,610	*	1,915	0.4	275.1	275.1	275.1	0.0
AN	52,110	*	2,037	0.3	275.1	275.1	275.1	0.0
AO	54,130	*	1,259	1.4	275.2	275.2	275.2	0.0
AP	56,525	400	1,447	1.2	276.5	276.5	276.8	0.3

¹Feet above confluence with Harris Pond

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MILL RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	59,230	140	1,522	1.0	288.7	288.7	289.4	0.7
AR	60,490	130	939	1.7	288.8	288.8	289.4	0.6
AS	61,040	110	850	1.6	289.0	289.0	289.6	0.6
AT	62,915	420	2,989	0.4	289.1	289.1	289.8	0.7
AU	64,195	71	440	2.4	289.2	289.2	289.8	0.6
AV	64,362	77	440	2.4	290.6	290.6	290.9	0.3
AW	64,492	125	843	1.3	299.3	299.3	299.7	0.4
AX	66,305	80	632	1.7	299.5	299.5	299.5	0.0
AY	66,715	200	817	1.1	301.0	301.0	301.1	0.1
AZ	68,095	226	702	1.2	301.2	301.2	301.7	0.5
BA	69,445	29	126	6.8	303.3	303.3	303.3	0.0
BB	70,005	33	180	2.9	306.6	306.6	307.4	0.8
BC	71,055	24	103	5.1	322.0	322.0	322.8	0.8
BD	72,655	16	82	6.4	329.1	329.1	329.7	0.6
BE	72,789	27	215	2.4	335.4	335.4	335.4	0.0
BF	74,405	74	116	4.5	337.6	337.6	337.6	0.0
BG	75,295	46	202	2.6	340.5	340.5	341.3	0.8

¹Feet above confluence with Harris Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MILL RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0	47	265	1.4	354.7	354.7	354.7	0.0
B	1,025	23	60	5.8	366.6	366.6	367.0	0.4
C	1,132	195	1,358	0.3	372.9	372.9	373.6	0.7
D	1,952	94	333	1.0	372.9	372.9	373.6	0.7
E	2,053	48	308	1.1	374.8	374.8	374.8	0.0
F	2,628	34	174	2.0	374.8	374.8	374.8	0.0
G	4,728	34	97	2.2	375.2	375.2	375.4	0.2
H	6,548	32	46	4.7	377.6	377.6	377.6	0.0
I	6,653	47	121	1.8	378.3	378.3	378.8	0.5
J	10,973	35	26	4.6	399.2	399.2	399.2	0.0
K	11,403	47	157	0.8	401.5	401.5	401.8	0.3

¹Feet above confluence with Silver Lake

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MISCOE BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	191	53	293	4.6	295.9	291.1 ²	291.3	0.2
B	286	34	215	6.2	295.9	291.3 ²	291.4	0.1
C	428	67	441	3.0	296.0	292.3 ²	292.6	0.3
D	1,096	80	379	3.5	297.0	293.1 ³	293.5	0.4
E	1,896	61	315	4.2	297.0	294.3 ³	294.9	0.6
F	2,659	250	689	1.9	297.0	295.7 ³	296.1	0.4
G	3,807	59	156	8.6	298.3	298.3	298.3	0.0
H	3,972	56	165	8.1	300.5	300.5	300.5	0.0
I	4,575	47	181	7.4	305.7	305.7	305.7	0.0
J	4,812	39	146	9.1	307.5	307.5	307.5	0.0
K	5,734	39	158	8.5	318.8	318.8	318.8	0.0
L	5,801	42	202	6.6	319.7	319.7	319.7	0.0
M	5,937	53	232	5.8	320.5	320.5	320.5	0.0
N	6,605	26	120	11.1	326.7	326.7	326.7	0.0
O	6,694	49	288	4.6	330.5	330.5	331.0	0.5
P	7,307	57	147	9.1	345.0	345.0	345.0	0.0
Q	7,548	56	199	6.7	350.9	350.9	350.9	0.0
R	8,060	30	153	8.7	354.9	354.9	355.1	0.2
S	8,229	53	352	3.8	358.0	358.0	358.5	0.5
T	8,548	35	153	8.7	369.3	369.3	370.0	0.7
U	8,631	53	135	10.7	372.7	372.7	372.7	0.0

¹Feet above confluence with North Nashua River

²Flooding controlled by North Nashua River

³Elevation computed without consideration of backwater effects from North Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MONOOSNOC BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	8,834	38	123	10.9	379.6	379.6	379.6	0.0
W	8,920	36	123	10.9	381.0	381.0	381.0	0.0
X	9,253	56	400	3.3	392.2	392.2	392.3	0.1
Y	9,370	58	335	4.0	392.3	392.3	392.4	0.1
Z	9,442	47	300	4.5	392.6	392.6	392.7	0.1
AA	9,755	72	428	3.1	395.9	395.9	396.2	0.3
AB	9,910	86	443	3.0	396.5	396.5	396.8	0.3
AC	10,091	99	309	4.3	396.7	396.7	396.9	0.2
AD	10,294	92	438	3.1	398.0	398.0	398.3	0.3
AE	10,384	84	635	2.1	398.0	398.0	398.5	0.5
AF	10,661	91	630	2.1	398.0	398.0	398.5	0.5
AG	11,024	59	207	6.5	398.0	398.0	398.6	0.6
AH	11,166	112	380	3.5	400.1	400.1	400.3	0.2
AI	11,286	196	398	3.4	401.1	401.1	401.1	0.0
AJ	11,335	118	434	3.1	401.3	401.3	401.3	0.0
AK	11,530	66	269	5.0	401.3	401.3	401.5	0.2
AL	11,627	35	199	6.7	401.3	401.3	401.6	0.3
AM	11,798	19	201	6.6	402.0	402.0	402.3	0.3
AN	11,954	108	466	2.9	402.8	402.8	403.0	0.2
AO	12,167	116	475	2.8	405.0	405.0	405.9	0.9
AP	12,447	92	509	2.6	405.3	405.3	406.3	1.0

¹Feet above confluence with North Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MONOOSNOC BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	12,769	39	151	8.8	405.3	405.3	406.1	0.8
AR	12,793	36	176	7.6	406.7	406.7	406.7	0.0
AS	13,008	462	5,016	0.3	420.1	420.1	420.1	0.0
AT	14,263	136	600	2.2	420.1	420.1	420.1	0.0
AU	15,071	51	150	8.9	425.4	425.4	425.4	0.0
AV	15,131	81	186	7.2	429.5	429.5	429.5	0.0
AW	15,296	50	248	5.4	431.2	431.2	431.4	0.2
AX	15,451	153	611	2.2	432.1	432.1	432.3	0.2
AY	15,790	146	664	1.4	432.4	432.4	432.6	0.2
AZ	16,923	88	422	2.2	432.7	432.7	432.9	0.2
BA	17,387	187	525	1.8	433.0	433.0	433.2	0.2
BB	17,622	43	159	5.9	433.0	433.0	433.1	0.1
BC	17,799	52	251	3.7	435.4	435.4	435.5	0.1
BD	18,410	50	190	4.9	437.8	437.8	437.9	0.1
BE	18,522	39	120	7.7	442.5	442.5	442.9	0.4
BF	18,527	39	125	7.4	442.5	442.5	442.9	0.4
BG	18,680	116	743	1.2	444.7	444.7	445.6	0.9
BH	19,673	80	247	3.8	445.5	445.5	446.5	1.0
BI	20,693	32	116	8.0	451.5	451.5	451.7	0.2
BJ	22,092	55	223	4.2	457.7	457.7	458.1	0.4
BK	22,389	54	162	5.7	459.3	459.3	459.4	0.1

¹Feet above confluence with North Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MONOOSNOC BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BL	22,902	68	247	3.8	461.3	461.3	461.6	0.3
BM	23,447	61	199	4.7	462.4	462.4	462.9	0.5
BN	23,601	52	273	3.4	463.4	463.4	463.6	0.2
BO	23,619	52	258	3.6	463.5	463.5	463.7	0.2
BP	23,835	628	4,690	0.2	473.3	473.3	473.3	0.0
BQ	24,407	777	2,935	0.3	473.3	473.3	473.3	0.0
BR	25,050	144	445	1.7	473.3	473.3	473.3	0.0
BS	25,291	51	255	3.0	474.2	474.2	475.1	0.9
BT	26,014	113	306	2.5	475.2	475.2	475.9	0.7
BU	26,988	37	88	8.7	480.9	480.9	480.9	0.0
BV	28,030	28	92	8.3	492.5	492.5	492.5	0.0
BW	28,296	28	100	7.7	497.6	497.6	497.6	0.0

¹Feet above confluence with North Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MONOOSNOC BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	-920	1,525	11,907	0.0	976.0	976.0	976.0	0.0
B	-130	1,141	6,942	0.0	976.0	976.0	976.0	0.0
C	60	594	1,612	0.1	976.4	976.4	976.9	0.5
D	200	429	2,305	0.0	976.4	976.4	977.0	0.6
E	2,080	381	595	0.2	976.4	976.4	977.0	0.6
F	2,720	*	13	7.2	983.4	983.4	983.6	0.2
G	2,970	*	698	0.1	999.7	999.7	999.8	0.1
H	3,280	*	1,064	0.1	1,008.6	1,008.6	1,008.6	0.0

¹Feet above abandoned railroad bridge

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MOULTON POND BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	210	55	324	2.3	204.6	199.8 ²	200.7	0.9
B	325	35	146	5.1	204.6	201.2 ²	201.4	0.2
C	2,075	90	406	1.8	204.6	203.8 ²	204.7	0.9
D	4,318	*	292	2.5	205.7	205.7	206.3	0.6
E	4,482	*	175	4.2	209.8	209.8	209.8	0.0
F	6,590	45	220	2.4	211.8	211.8	212.8	1.0
G	6,770	*	265	2.0	221.9	221.9	221.9	0.0
H	8,185	60	311	1.7	221.9	221.9	222.4	0.5
I	10,055	147	321	1.6	223.4	223.4	224.1	0.7
J	11,365	50	171	2.7	226.2	226.2	227.1	0.9
K	11,590	70	163	2.8	227.4	227.4	228.1	0.7
L	13,270	*	88	5.2	234.5	234.5	234.8	0.3
M	13,411	70	330	1.4	237.9	237.9	238.0	0.1
N	14,446	30	54	6.1	238.8	238.8	239.1	0.3
O	15,243	35	110	3.0	246.4	246.4	247.0	0.6
P	16,196	42	120	2.8	250.8	250.8	251.4	0.6
Q	16,771	25	51	6.5	261.0	261.0	261.3	0.3
R	17,196	*	76	4.3	269.0	269.0	269.6	0.6
S	18,231	37	59	5.6	279.1	279.1	279.8	0.7

¹Feet above confluence with Mill River

²Elevation computed without consideration of backwater effects from Mill River

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MUDDY BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	460	56	217	9.8	304.4	304.4	304.9	0.5
B	1,285	60	224	9.5	322.6	322.6	323.0	0.4

¹Feet above corporate limits

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: Mulpus Brook

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	135	370	1,806	2.1	224.8	221.8 ²	222.6	0.8
B	1,895	53	434	8.6	224.8	223.2 ²	224.2	1.0
C	2,020	67	510	7.3	224.8	224.4 ²	225.0	0.6
D	3,033	105	1,037	3.6	227.9	227.9	228.3	0.4
E	3,195	96	1,356	2.8	228.5	228.5	229.0	0.5
F	3,310	181	2,119	1.8	235.6	235.6	235.6	0.0
G	4,852	510	2,301	1.6	235.8	235.8	235.8	0.0
H	6,060	470	1,576	2.4	236.3	236.3	236.5	0.2
I	8,930	382	1,120	3.3	240.8	240.8	241.6	0.8
J	9,663	56	448	8.4	243.6	243.6	243.9	0.3
K	10,102	80	654	5.4	244.9	244.9	245.4	0.5
L	10,430	65	396	9.0	245.5	245.5	245.7	0.2
M	10,837	40	481	7.4	248.8	248.8	248.8	0.0
N	10,980	34	418	8.5	248.8	248.8	248.9	0.1
O	11,575	490	4,779	0.7	256.0	256.0	256.0	0.0
P	12,970	90	898	3.9	256.8	256.8	256.8	0.0
Q	13,225	269	2,252	1.6	257.4	257.4	257.4	0.0
R	14,509	143	955	3.7	257.5	257.5	257.5	0.0
S	15,337	186	1,342	2.6	258.0	258.0	258.3	0.3
T	15,757	172	653	5.4	258.0	258.0	258.3	0.3
U	15,907	693	8,723	0.4	269.7	269.7	270.2	0.5

¹Feet above confluence with Blackstone River

²Elevation computed without consideration of backwater effects from Blackstone River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MUMFORD RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	18,662	387	4,783	0.7	269.7	269.7	270.2	0.5
W	20,022	96	458	7.7	269.7	269.7	270.2	0.5
X	20,527	96	686	5.0	271.3	271.3	271.9	0.6
Y	20,662	90	637	5.4	272.2	272.2	272.4	0.2
Z	21,242	139	862	4.0	272.8	272.8	273.4	0.6
AA	22,292	40	244	14.1	274.8	274.8	274.8	0.0
AB	22,502	59	333	10.3	278.6	278.6	278.6	0.0
AC	22,662	84	18	3.8	284.9	284.9	285.0	0.1
AD	23,007	76	682	5.0	288.3	288.3	288.3	0.0
AE	23,690	51	319	10.8	294.7	294.7	294.9	0.2
AF	23,972	100	698	4.9	299.2	299.2	299.2	0.0
AG	24,080	323	4,212	0.8	311.5	311.5	311.5	0.0
AH	26,175	224	2,865	1.2	311.5	311.5	311.5	0.0
AI	26,887	143	1,732	2.0	311.5	311.5	311.5	0.0
AJ	27,272	135	1,705	2.0	311.5	311.5	311.5	0.0
AK	27,567	960	12,667	0.3	311.6	311.6	311.6	0.0
AL	28,657	320	3,170	0.9	311.6	311.6	311.6	0.0
AM	30,431	220	2,236	1.2	311.6	311.6	311.6	0.0
AN	30,570	140	1,800	1.5	317.1	317.1	317.1	0.0
AO	32,320	545	7,566	0.4	317.2	317.2	317.2	0.0
AP	33,932	415	5,633	0.5	317.2	317.2	317.2	0.0

¹Feet above confluence with Blackstone River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MUMFORD RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	36,651	220	1,656	1.6	317.2	317.2	317.2	0.0
AR	39,065	80	727	3.5	317.4	317.4	318.2	0.8
AS	39,410	73	648	4.0	317.7	317.7	318.3	0.6
AT	39,873	303	1,430	1.8	317.8	317.8	318.5	0.7
AU	42,318	290	1,356	1.9	319.6	319.6	319.9	0.3
AV	43,350	57	279	9.2	320.1	320.1	320.3	0.2
AW	43,978	97	702	3.6	323.2	323.2	323.4	0.2
AX	44,165	347	2,352	1.1	329.3	329.3	329.4	0.1
AY	44,923	*	1,158	2.1	329.4	329.4	329.5	0.1
AZ	47,348	477	1,372	4.6	329.9	329.9	330.1	0.2
BA	49,240	53	246	14.6	338.3	338.3	338.4	0.1
BB	49,457	50	335	8.3	340.7	340.7	341.5	0.8
BC	50,712	*	202	11.7	347.9	347.9	348.0	0.1
BD	51,012	*	1,311	1.8	363.1	363.1	363.3	0.2
BE	51,634	*	722	3.3	373.6	373.6	373.6	0.0
BF	52,457	55	414	5.7	375.2	375.2	376.0	0.8
BG	53,000	110	698	3.4	376.3	376.3	377.2	0.9
BH	54,425	175	1,019	2.0	377.8	377.8	378.5	0.7
BI	55,609	294	1,411	1.5	378.4	378.4	379.1	0.7
BJ	56,859	38	181	11.4	380.4	380.4	380.4	0.0
BK	57,005	52	407	5.1	383.2	383.2	383.5	0.3

¹Feet above confluence with Blackstone River

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MUMFORD RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BL	58,470	203	1,261	1.6	384.4	384.4	385.2	0.8
BM	60,047	196	1,167	1.8	384.8	384.8	385.8	1.0
BN	60,175	*	1,916	1.0	387.7	387.7	387.8	0.1
BO	61,157	400	3,374	0.6	387.7	387.7	387.8	0.1
BP	62,047	220	968	2.1	387.7	387.7	387.8	0.1
BQ	63,073	161	450	2.9	388.8	388.8	389.1	0.3
BR	64,630	171	867	1.5	390.0	390.0	391.0	1.0
BS	65,825	180	815	1.6	390.6	390.6	391.5	0.9
BT	67,243	23	106	12.3	393.0	393.0	393.0	0.0
BU	67,400	37	237	5.5	396.0	396.0	396.0	0.0
BV	67,708	36	135	9.6	396.7	396.7	396.9	0.2
BW	68,063	138	1,013	1.3	416.4	416.4	416.5	0.1
BX	68,325	20	107	12.1	418.4	418.4	418.4	0.0
BY	68,647	84	226	5.8	426.1	426.1	427.0	0.9
BZ	68,910	22	105	12.4	434.6	434.6	434.6	0.0
CA	69,448	95	444	1.1	437.6	437.6	438.6	1.0
CB	69,825	20	54	9.3	443.7	443.7	443.7	0.0

¹Feet above confluence with Blackstone River

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MUMFORD RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CM ³	138,418	166/87 ²	2,604	5.0	222.5	222.5	222.6	0.1
CN	139,683	191/112 ²	2,889	4.5	223.9	223.9	224.0	0.1
CO	140,746	159/84 ²	2,533	5.2	224.3	224.3	224.5	0.2
CP	142,342	174/97 ²	2,762	4.7	224.7	224.7	225.4	0.7
CQ	143,636	155/89 ²	2,610	5.0	225.2	225.2	226.0	0.8
CR	144,441	300/155 ²	4,260	3.1	226.2	226.2	227.0	0.8
CS	146,123	388/134 ²	5,078	2.5	226.4	226.4	227.4	1.0
CT	148,410	958/858 ²	8,110	1.6	227.0	227.0	228.0	1.0
CU	150,482	269/94 ²	3,928	3.3	227.4	227.4	228.4	1.0
CV	151,462	735	8,325	1.5	227.8	227.8	228.8	1.0
CW	152,548	562	7,931	1.6	228.7	228.7	229.6	0.9
CX	153,366	1,579	21,130	0.6	229.3	229.3	230.3	1.0
CY	154,669	2,519	34,601	0.4	229.4	229.4	230.3	0.9
CZ	156,955	1,895	24,706	0.5	229.4	229.4	230.3	0.9
DA	159,535	2,100	25,944	0.5	229.4	229.4	230.4	1.0
DB	161,700	2,487	30,206	0.4	229.4	229.4	230.4	1.0
DC	162,043	2,520	27,646	0.5	229.4	229.4	230.4	1.0
DD	163,137	2,945	34,507	0.4	229.4	229.4	230.4	1.0
DE	165,638	2,080	24,208	0.5	229.5	229.5	230.5	1.0
DF	166,947	1,342	14,426	0.9	229.5	229.5	230.5	1.0
DG	167,441	1,046	11,335	1.1	229.7	229.7	230.7	1.0

¹Feet above confluence with Merrimack River

²Width/width within county

³Cross sections A-CL tabulated in Hillsborough County, NH FIS and Middlesex County, MA FIS

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NASHUA RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
DH	167,813	826	10,009	1.3	229.7	229.7	230.7	1.0
DI	169,474	485	6,720	1.9	230.6	230.6	231.5	0.9
DJ	173,253	1,668	20,774	0.6	230.9	230.9	231.8	0.9
DK	177,310	1,747	19,417	0.7	231.0	231.0	232.0	1.0
DL	181,108	3,047	28,521	0.4	231.2	231.2	232.1	0.9
DM	185,151	3,614	29,812	0.4	231.3	231.3	232.2	0.9
DN	188,378	3,597	27,681	0.5	231.4	231.4	232.3	0.9
DO	190,557	4,186	30,616	0.4	231.4	231.4	232.3	0.9
DP	192,054	4,405	25,771	0.5	231.6	231.6	232.4	0.8
DQ	193,804	3,579	18,820	0.7	231.7	231.7	232.5	0.8
DR	196,384	2,300	10,238	1.2	232.4	232.4	233.1	0.7
DS	197,287	2,066	7,760	1.6	232.8	232.8	233.4	0.6
DT	199,906	1,243	4,109	1.2	235.3	235.3	236.1	0.8
DU	201,692	626	2,035	2.3	235.6	235.6	236.5	0.9
DV	202,863	160	1,151	4.1	236.8	236.8	237.6	0.8
DW	203,851	155	1,045	4.5	238.7	238.7	239.3	0.6
DX	204,198	349	2,249	2.1	239.7	239.7	240.2	0.5
DY	204,667	157	1,342	3.5	240.3	240.3	241.0	0.7
DZ	205,369	347	2,055	2.2	240.9	240.9	241.8	0.9
EA	206,452	238	1,269	3.6	241.6	241.6	242.6	1.0
EB	206,851	205	1,288	3.5	242.2	242.2	243.1	0.9

¹Feet above confluence with Merrimack River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NASHUA RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EC	207,232	356	2,255	2.0	243.7	243.7	244.3	0.6
ED	208,621	495	2,145	2.1	244.4	244.4	245.3	0.9
EE	208,907	772	3,590	1.3	244.6	244.6	245.6	1.0
EF	209,096	860	3,977	1.1	244.6	244.6	245.6	1.0
EG	210,850	242	1,249	3.7	245.3	245.3	246.3	1.0
EH	212,082	99	1,080	4.2	248.9	248.9	249.5	0.6
EI	213,356	523	2,176	2.1	249.8	249.8	250.7	0.9
EJ	214,459	628	2,645	1.7	250.8	250.8	251.5	0.7
EK	215,154	468	2,076	2.2	251.2	251.2	251.9	0.7
EL	215,670	200	858	5.3	251.5	251.5	252.5	1.0
EM	216,075	406	1,766	2.6	254.6	254.6	254.7	0.1
EN	217,354	130	959	4.7	255.1	255.1	256.1	1.0
EO	217,839	90	785	5.7	256.4	256.4	257.2	0.8
EP	218,650	228	1,685	2.7	257.5	257.5	258.3	0.8
EQ	218,967	259	1,752	2.6	258.1	258.1	258.8	0.7
ER	219,789	104	823	5.4	258.4	258.4	259.4	1.0
ES	220,597	78	694	6.4	260.3	260.3	260.9	0.6
ET	221,020	46	741	6.0	261.9	261.9	262.4	0.5
EU	222,461	100	1,256	3.6	263.8	263.8	264.2	0.4
EV	222,874	106	930	4.8	264.5	264.5	264.9	0.4
EW	223,212	161	1,150	3.9	265.2	265.2	265.5	0.3

¹Feet above confluence with Merrimack River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NASHUA RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
EX	223,641	382	5,362	0.8	285.3	285.3	285.3	0.0
EY	224,767	410	7,972	0.6	285.3	285.3	285.3	0.0
EZ	225,471	311	5,555	0.8	285.3	285.3	285.3	0.0
FA	225,685	72	376	11.9	285.3	285.3	285.3	0.0
FB	225,852	30	270	16.5	294.5	294.5	294.5	0.0
FC	226,545	45	313	14.3	355.3	355.3	355.3	0.0
FD	226,778	93	386	11.6	367.1	367.1	367.1	0.0
FE	226,837	110	414	10.8	370.0	370.0	370.0	0.0
FF	226,892	80	466	9.6	372.5	372.5	372.5	0.0

¹Feet above confluence with Merrimack River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NASHUA RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0	123	356	7.1	215.9	213.7 ²	214.7	1.0
B	1,690	235	1,125	2.2	217.8	217.8	218.5	0.7
C	3,300	315	1,231	2.0	219.5	219.5	219.9	0.4
D	3,384	350	2,347	1.0	220.7	220.7	220.8	0.1
E	3,458	350	1,668	1.5	220.7	220.7	220.8	0.1
F	4,620	206	1,237	2.0	221.0	221.0	221.1	0.1
G	4,726	180	1,116	2.2	222.4	222.4	222.4	0.0
H	4,942	234	1,179	2.1	222.5	222.5	222.5	0.0
I	5,518	303	824	3.1	222.9	222.9	222.9	0.0
J	5,977	590	4,109	0.6	226.0	226.0	226.0	0.0
K	6,104	650	6,795	0.4	228.6	228.6	229.6	1.0
L	6,526	600	6,859	0.4	228.6	228.6	229.6	1.0
M	7,498	123	704	2.9	229.1	229.1	229.7	0.6
N	7,561	235	1,840	1.1	232.2	232.2	232.3	0.1
O	8,659	224	816	2.0	232.6	232.6	232.6	0.0
P	9,182	405	2,087	0.8	233.1	233.1	233.1	0.0
Q	9,472	145	690	2.2	234.0	234.0	234.0	0.0
R	10,164	82	455	3.1	234.4	234.4	234.5	0.1
S	10,840	162	837	1.7	234.6	234.6	235.2	0.6
T	11,896	100	216	5.8	236.5	236.5	236.5	0.0
U	12,102	306	1,636	0.8	238.9	238.9	238.9	0.0

¹Feet above confluence with Assabet River

²Elevation computed without consideration of backwater effects from Assabet River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NORTH BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	12,672	106	492	2.5	239.1	239.1	239.4	0.3
W	13,490	406	1,771	0.7	239.2	239.2	239.7	0.5
X	13,548	311	1,743	0.7	240.3	240.3	241.0	0.7
Y	13,607	435	1,798	0.7	240.3	240.3	241.0	0.7
Z	14,589	55	149	7.9	243.7	243.7	244.4	0.7
AA	15,998	319	943	1.3	246.6	246.6	247.5	0.9
AB	16,157	32	175	6.8	247.8	247.8	247.8	0.0
AC	16,368	76	321	3.5	247.8	247.8	247.9	0.1
AD	16,870	45	260	4.4	247.8	247.8	248.4	0.6
AE	21,944	109	1,204	2.3	273.3	273.3	273.9	0.6
AF	21,991	123	1,778	1.5	283.5	283.5	283.5	0.0
AG	22,229	73	684	4.0	283.5	283.5	283.5	0.0
AH	22,678	179	1,116	2.5	283.8	283.8	283.8	0.0
AI	22,936	121	394	6.9	286.8	286.8	287.0	0.2
AJ	23,126	161	959	2.8	288.2	288.2	288.8	0.6
AK	23,401	79	427	3.1	288.3	288.3	289.0	0.7
AL	23,771	39	219	6.1	288.8	288.8	289.4	0.6
AM	23,892	154	855	1.6	291.5	291.5	292.5	1.0
AN	23,934	84	595	2.2	291.5	291.5	292.5	1.0
AO	25,133	84	542	2.5	292.1	292.1	293.1	1.0
AP	26,405	31	138	9.7	305.8	305.8	306.8	1.0

¹Feet above confluence with Assabet River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NORTH BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	27,672	59	293	4.6	317.4	317.4	318.3	0.9
AR	28,829	35	228	4.2	321.8	321.8	322.8	1.0
AS	28,961	104	1,572	0.6	335.3	335.3	335.3	0.0
AT	29,066	35	479	2.0	335.4	335.4	335.4	0.0
AU	30,281	39	122	7.9	342.0	342.0	343.0	1.0
AV	30,360	145	691	1.4	346.1	346.1	346.1	0.0
AW	30,466	43	130	7.4	348.6	348.6	349.6	1.0
AX	31,268	63	286	3.4	356.5	356.5	357.5	1.0
AY	31,390	193	959	1.0	359.8	359.8	359.8	0.0
AZ	31,532	154	1,065	0.9	359.9	359.9	359.9	0.0
BA	32,424	120	600	1.2	359.9	359.9	360.1	0.2
BB	33,370	50	249	2.9	360.1	360.1	360.6	0.5
BC	33,465	100	860	0.9	365.2	365.2	365.2	0.0
BD	33,581	83	410	1.8	365.2	365.2	365.2	0.0

¹Feet above confluence with Assabet River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NORTH BROOK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	561	1,100	5,592	2.3	233.8	233.8	234.6	0.8
B	1,198	295	1,725	7.3	233.9	233.9	234.8	0.9
C	1,670	410	3,552	3.5	237.3	237.3	237.6	0.3
D	2,157	472	4,897	2.6	240.4	240.4	240.5	0.1
E	3,240	670	6,695	1.9	240.5	240.5	240.8	0.3
F	4,065	719	7,421	1.7	240.5	240.5	240.9	0.4
G	6,419	1,448	10,731	1.2	240.6	240.6	241.3	0.7
H	7,985	1,413	11,494	1.1	240.7	240.7	241.5	0.8
I	9,316	1,000	7,665	1.6	240.9	240.9	241.8	0.9
J	10,776	766	5,044	2.5	241.5	241.5	242.3	0.8
K	11,522	600	4,627	2.7	242.0	242.0	242.9	0.9
L	12,028	413	2,487	5.1	242.3	242.3	243.1	0.8
M	12,637	393	3,476	3.6	243.3	243.3	244.2	0.9
N	13,104	291	3,324	3.8	244.9	244.9	245.5	0.6
O	13,798	659	5,487	2.3	245.3	245.3	246.0	0.7
P	16,647	545	3,678	3.4	246.5	246.5	247.3	0.8
Q	17,643	251	2,236	5.6	247.4	247.4	248.3	0.9
R	18,543	149	1,401	8.9	249.0	249.0	249.8	0.8
S	19,033	136	1,589	7.9	251.0	251.0	251.9	0.9
T	19,208	113	1,267	9.9	251.1	251.1	251.9	0.8
U	20,355	176	1,367	9.1	256.5	256.5	256.6	0.1

¹Feet above confluence with Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NORTH NASHUA RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	20,441	182	1,971	6.3	257.5	257.5	257.6	0.1
W	20,708	136	1,716	7.3	257.6	257.6	257.9	0.3
X	21,563	165	1,777	7.0	258.9	258.9	259.3	0.4
Y	22,955	141	1,704	7.3	261.2	261.2	261.5	0.3
Z	24,575	237	2,612	4.8	263.2	263.2	263.5	0.3
AA	27,374	163	1,902	6.6	265.1	265.1	266.1	1.0
AB	27,785	154	1,808	6.9	265.8	265.8	266.7	0.9
AC	28,247	137	1,933	6.5	266.5	266.5	267.2	0.7
AD	28,804	256	2,919	4.3	267.5	267.5	268.3	0.8
AE	33,603	1,288	7,835	1.6	271.1	271.1	271.9	0.8
AF	35,577	866	5,689	2.2	272.0	272.0	272.8	0.8
AG	37,614	1,069	4,883	2.6	273.4	273.4	274.4	1.0
AH	38,452	756	3,741	3.3	274.8	274.8	275.4	0.6
AI	39,181	281	2,211	5.7	275.6	275.6	276.4	0.8
AJ	40,350	115	1,463	8.3	278.1	278.1	278.5	0.4
AK	41,696	141	1,813	6.7	280.4	280.4	281.0	0.6
AL	42,040	135	2,043	6.0	280.8	280.8	281.7	0.9
AM	42,397	217	2,556	4.8	283.0	283.0	283.6	0.6
AN	43,590	564	5,119	2.4	284.0	284.0	284.6	0.6
AO	44,587	705	5,358	2.1	284.2	284.2	285.0	0.8
AP	45,168	474	4,142	2.7	284.4	284.4	285.3	0.9

¹Feet above confluence with Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NORTH NASHUA RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	45,885	776	6,443	1.7	284.9	284.9	285.7	0.8
AR	47,970	893	5,251	2.1	285.7	285.7	286.7	1.0
AS	51,037	179	2,086	5.4	290.8	290.8	291.5	0.7
AT	52,027	175	2,049	5.5	292.7	292.7	293.0	0.3
AU	52,836	278	3,547	3.2	293.6	293.6	293.9	0.3
AV	53,325	207	2,460	4.6	294.3	294.3	294.6	0.3
AW	53,647	209	2,259	5.0	294.5	294.5	294.8	0.3
AX	54,038	449	4,894	2.3	295.2	295.2	295.4	0.2
AY	55,149	594	4,868	2.3	295.5	295.5	295.8	0.3
AZ	56,484	176	1,392	6.8	296.0	296.0	296.5	0.5
BA	57,664	180	1,511	6.2	299.2	299.2	299.3	0.1
BB	58,572	203	1,551	6.1	300.8	300.8	300.9	0.1
BC	59,481	196	1,334	7.1	302.6	302.6	302.7	0.1
BD	60,222	139	1,189	7.9	304.9	304.9	304.9	0.0
BE	61,616	179	1,305	7.2	310.5	310.5	310.5	0.0
BF	61,701	197	1,552	6.1	311.0	311.0	311.0	0.0
BG	61,822	126	1,017	9.3	314.2	314.2	314.2	0.0
BH	62,283	140	1,395	6.8	319.8	319.8	319.8	0.0
BI	63,623	236	1,704	5.5	321.9	321.9	322.2	0.3
BJ	64,237	139	1,441	6.5	323.4	323.4	324.4	1.0
BK	64,511	145	1,564	6.0	324.1	324.1	324.9	0.8

¹Feet above confluence with Nashua River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY WORCESTER COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NORTH NASHUA RIVER