

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Blackwater River								
A	1,300	90	1,659	1.80	359.7	359.3 ^c	360.3	1.0
B	2,850	158	1,962	1.50	359.7	359.4 ^c	360.4	1.0
C	4,910	85	1,639	1.80	359.7	359.6 ^c	360.6	1.0
D	6,730	614	6,406	0.50	359.7	359.7 ^c	360.7	1.0
E	8,110	457	4,781	0.60	359.7	359.7 ^c	360.7	1.0
F	10,435	44	527	13.90	362.3	362.3	362.3	0.0
G	10,493	250	1,895	1.40	362.3	362.3	362.3	0.0
H	11,660	140	1,601	1.60	362.4	362.4	362.4	0.0
I	15,260	150	1,561	1.70	362.7	362.7	362.7	0.0
J	18,260	135	1,365	1.90	362.9	362.9	363.0	0.1
K	20,460	193	1,533	1.70	363.3	363.3	363.5	0.2
L	24,260	178	1,447	1.80	364.4	364.4	364.7	0.3
M	29,060	209	1,550	1.70	365.9	365.9	366.4	0.5
N	31,460	55	731	3.60	367.1	367.1	367.6	0.5
O	31,520	133	927	2.80	367.1	367.1	367.6	0.5
P	32,960	153	319	8.20	383.1	383.1	383.1	0.0
Q	34,660	173	633	4.10	408.0	408.0	408.0	0.0
R	36,560	108	295	8.80	423.9	423.9	423.9	0.0
S	37,735	41	261	10.00	435.4	435.4	435.7	0.3
T	41,560	57	560	4.40	444.8	444.8	445.3	0.5
U	41,608	84	666	3.90	445.1	445.1	445.7	0.6
V	44,160	86	266	9.80	460.5	460.5	460.5	0.0
W	48,085	83	846	3.10	470.7	470.7	471.5	0.8
X	50,285	82	707	3.70	471.8	471.8	472.6	0.8

¹Feet above confluence with Contoocook River

²Elevation computed without consideration of backwater effects from Contoocook River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

BLACKWATER RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Chance Pond Brook								
A	0.030 ¹	16	59	11.00	290.0	290.0	290.4	0.4
B	0.206 ¹	25	173	3.80	364.9	364.9	365.0	0.1
C	0.497 ¹	20	64	10.20	373.0	373.0	373.0	0.0
D	0.763 ¹	175	1,587	0.40	399.4	399.4	400.4	1.0
E	1.108 ¹	230	1,613	0.40	399.4	399.4	400.4	1.0
F	1.594 ¹	54	353	1.90	403.3	403.3	403.6	0.3
Contocook River								
A	100.735 ²	1,075	6,165	3.80	253.7	249.9 ³	250.9	1.0
B	101.068 ²	570	2,965	7.90	271.5	271.5	271.5	0.0
C	101.303 ²	390	3,025	7.70	286.7	286.7	287.3	0.6
D	101.680 ²	160	3,055	7.60	307.8	307.8	308.1	0.3
E	102.140 ²	220	1,927	10.20	311.2	311.2	311.7	0.5
F	103.330 ²	300	5,917	3.90	353.2	353.2	353.4	0.2
G	104.040 ²	230	4,569	5.10	354.2	354.2	354.5	0.3
H	104.580 ²	225	4,575	5.10	355.6	355.6	355.9	0.3
I	105.130 ²	250	4,931	4.70	356.3	356.3	356.6	0.3
J	106.110 ²	230	4,963	4.70	357.2	357.2	357.5	0.3
K	107.860 ²	735	4,013	5.80	357.9	357.9	358.8	0.9
L	108.510 ²	515	6,287	3.70	358.8	358.8	359.5	0.7
M	108.809 ²	667	12,757	1.80	359.2	359.2	360.0	0.8
N	108.942 ²	221	4,712	4.90	359.2	359.2	360.0	0.8
O	109.218 ²	853	11,051	2.10	359.5	359.5	360.3	0.8
P	109.590 ²	850	8,789	2.70	359.7	359.7	360.5	0.8
Q	109.792 ²	1,100	12,941	1.50	359.9	359.9	360.8	0.9
R	110.169 ²	1,405	10,845	1.80	360.0	360.0	360.9	0.9

¹Miles above confluence with Pemigewasset River

²Miles above Newburyport Light, Newburyport, MA

³Elevation computed without consideration of backwater effects from Merrimack River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

CHANCE POND BROOK – CONTOOCCOOK RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Contoocook River (continued)								
S	110.378 ¹	737	7,135	2.70	360.0	360.0	360.9	0.9
T	110.883 ¹	221	5,091	3.80	360.6	360.6	361.5	0.9
U	111.395 ¹	494	6,048	3.20	361.0	361.0	361.9	0.9
V	111.948 ¹	230	4,850	4.00	361.3	361.3	362.3	1.0
W	112.372 ¹	740	7,413	2.60	361.8	361.8	362.7	0.9
X	112.987 ¹	984	9,856	1.00	362.1	362.1	363.1	1.0
Y	113.563 ¹	216	3,162	3.00	362.6	362.6	363.5	0.9
Z	113.810 ¹	168	2,602	3.70	363.6	363.6	364.4	0.8
AA	114.033 ¹	210	3,557	2.70	364.0	364.0	364.7	0.7
AB	114.696 ¹	240	3,435	2.80	364.8	364.8	365.5	0.7
AC	114.895 ¹	536	5,505	1.70	364.9	364.9	365.7	0.8
AD	115.739 ¹	1,050	6,590	1.40	365.1	365.1	366.0	0.9
AE	116.673 ¹	1,182	7,078	1.30	365.3	365.3	366.3	1.0
AF	117.128 ¹	407	4,291	2.20	365.5	365.5	366.5	1.0
AG	117.624 ¹	912	6,996	1.40	365.8	365.8	366.8	1.0
AH	118.120 ¹	294	3,004	3.20	366.1	366.1	367.1	1.0
AI	118.611 ¹	430	4,104	2.30	366.6	366.6	367.6	1.0
AJ	119.021 ¹	100	865	11.00	367.0	367.0	367.9	0.9
AK	119.374 ¹	477	7,731	1.20	382.8	382.8	383.1	0.3
AL	0.090 ²	204	3,792	5.70	421.8	421.8	421.8	0.0
AM	0.180 ²	229	4,062	5.32	423.4	423.4	423.4	0.0
AN	0.420 ²	316	4,957	4.36	423.9	423.9	424.0	0.1
AO	0.660 ²	200	2,408	8.97	423.9	423.9	423.9	0.0
AP	0.750 ²	184	2,980	7.25	425.0	425.0	425.3	0.3
AQ	1.010 ²	178	3,264	6.62	427.6	427.6	427.7	0.1
AR	1.260 ²	320	5,759	3.75	428.1	428.1	428.6	0.5

¹Miles above Newburyport Light, Newburyport, MA

²Miles above State Route 114

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

CONTOOCCOOK RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Contoocook River (continued)								
AS	1.470 ¹	219	3,392	6.37	428.1	428.1	428.7	0.6
AT	1.580 ¹	212	2,471	8.74	431.0	431.0	431.0	0.0
AU	1.670 ¹	236	2,171	9.95	431.8	431.8	432.5	0.7
AV	1.700 ¹	323	2,233	9.67	438.3	438.3	438.3	0.0
AW	1.960 ¹	313	5,218	4.14	440.9	440.9	440.9	0.0
AX	2.150 ¹	209	2,434	8.88	440.9	440.9	440.9	0.0
AY	2.400 ¹	180	1,388	15.56	451.0	451.0	451.1	0.1
AZ	2.620 ¹	242	1,985	10.88	464.5	464.5	464.5	0.0
BA	2.790 ¹	306	2,469	8.75	471.6	471.6	471.7	0.1
BB	3.240 ¹	215	2,784	7.76	491.1	491.1	491.1	0.0
BC	3.820 ¹	244	2,353	9.18	522.2	522.2	522.2	0.0
BD	4.090 ¹	158	1,546	13.97	538.0	538.0	538.0	0.0
BE	4.420 ¹	186	1,570	13.76	550.4	550.4	550.4	0.0
Dalton Brook								
A	0.020 ²	10	41	8.30	186.7	182.4 ³	182.4	0.0
B	0.600 ²	35	99	3.40	241.7	241.7	242.3	0.6
C	1.210 ²	20	43	6.00	289.8	289.8	290.0	0.2
D	1.316 ²	25	79	3.30	294.6	294.6	295.0	0.4
E	1.409 ²	8	45	5.80	297.6	297.6	297.7	0.1
Glines Brook								
A	0.124 ²	30	250	2.40	264.5	260.7 ³	261.7	1.0
B	0.245 ²	20	65	9.10	284.5	284.5	284.7	0.2

¹Miles above State Route 114

²Miles above confluence with Merrimack River

³Elevation computed without consideration of backwater effects from Merrimack River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

**CONTOOCCOOK RIVER – DALTON BROOK –
GLINES BROOK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Little Suncook River								
A	0.000	766	1,361	1.20	338.4	326.0 ^c	326.9	0.9
B	0.070	800	3,899	0.40	338.4	333.8 ^c	333.9	0.1
C	0.380	48	159	10.44	339.5	339.5	340.0	0.5
D	0.470	49	208	7.98	344.1	344.1	345.1	1.0
E	0.510	49	295	5.63	346.7	346.7	346.9	0.2
F	0.640	51	174	9.54	349.9	349.9	350.1	0.2
G	0.770	60	280	5.93	356.7	356.7	356.7	0.0
H	0.920	53	176	8.47	362.0	362.0	362.2	0.2
I	1.050	65	271	5.50	370.0	370.0	370.0	0.0
J	1.130	57	157	9.49	377.6	377.6	377.6	0.0
K	1.320	79	301	4.95	388.9	388.9	389.0	0.1
L	1.420	80	175	8.51	394.4	394.4	394.4	0.0
M	1.480	67	187	7.97	398.3	398.3	398.5	0.2
N	1.640	28	190	7.84	408.8	408.8	409.0	0.2
O	1.720	128	518	2.88	410.9	410.9	411.2	0.3
P	1.760	190	701	2.13	411.5	411.5	411.8	0.3
Q	1.880	45	234	6.37	415.5	415.5	416.4	0.9
R	2.020	77	221	6.74	424.5	424.5	424.5	0.0
S	2.100	83	242	6.16	429.8	429.8	429.9	0.1
T	2.150	90	943	1.58	436.7	436.7	436.7	0.0
U	2.490	58	144	9.06	439.5	439.5	439.5	0.0
V	2.600	66	299	3.23	442.8	442.8	443.1	0.3
W	2.760	284	1,045	0.92	443.5	443.5	444.2	0.7
X	3.000	36	121	7.98	444.8	444.8	445.4	0.6
Y	3.230	55	210	4.60	460.7	460.7	461.1	0.4

¹Miles above confluence with Suncook River

²Elevation computed without consideration of backwater effects from Suncook River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

LITTLE SUNCOOK RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Little Suncook River (continued)								
Z	3.350 ¹	64	123	7.85	473.2	473.2	473.4	0.2
AA	3.440 ¹	50	165	5.85	482.4	482.4	482.9	0.5
AB	3.550 ¹	39	103	9.37	504.9	504.9	504.9	0.0
AC	3.620 ¹	236	1,270	0.76	518.7	518.7	518.7	0.0
Merrimack River								
A	76.390 ²	435 ³	10,854	6.00	184.7	184.7	185.2	0.5
B	77.443 ²	520	10,896	6.00	186.6	186.6	187.0	0.4
C	78.725 ²	520	13,565	4.50	189.0	189.0	189.3	0.3
D	80.500 ²	390	11,679	5.20	190.4	190.4	190.7	0.3
E	80.960 ²	450	11,235	5.00	191.4	191.4	191.6	0.2
F	82.257 ²	635	10,512	5.30	197.1	197.1	197.4	0.3
G	82.983 ²	602	10,624	5.20	198.0	198.0	198.3	0.3
H	84.498 ²	562	10,288	5.40	200.2	200.2	200.4	0.2
I	85.396 ²	247	5,510	10.10	201.4	201.4	201.5	0.1
J	85.876 ²	798	14,217	3.90	203.3	203.3	203.5	0.2
K	86.523 ²	617	13,624	4.10	203.7	203.7	203.9	0.2
L	86.785 ²	612	8,379	5.50	224.2	224.2	224.2	0.0
M	87.306 ²	602	10,335	4.50	225.6	225.6	225.6	0.0
N	87.795 ²	436	5,411	8.50	226.1	226.1	226.1	0.0
O	88.138 ²	509	8,827	5.20	227.7	227.7	227.7	0.0
P	88.873 ²	575	10,815	4.30	229.1	229.1	229.1	0.0
Q	89.963 ²	482	8,910	5.20	230.2	230.2	230.2	0.0
R	90.471 ²	661	11,182	4.10	231.0	231.0	231.0	0.0
S	91.531 ²	506	10,400	4.20	231.9	231.9	232.3	0.4

¹Miles above confluence with Suncook River

²Miles above confluence with Newburyport Light, Newburyport, MA

³This width extends beyond the county boundary

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

LITTLE SUNCOOK RIVER – MERRIMACK RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Merrimack River (continued)								
T	91.651	493	10,022	4.40	232.0	232.0	232.4	0.4
U	92.418	475	10,303	4.30	232.7	232.7	233.1	0.4
V	92.815	371	8,984	4.90	233.2	233.2	233.4	0.2
W	93.092	2,072	24,679	1.80	233.3	233.3	233.8	0.5
X	93.878	514	10,326	4.30	233.6	233.6	234.3	0.7
Y	94.230	429	9,647	4.60	234.0	234.0	234.5	0.5
Z	95.624	543	8,645	5.10	235.2	235.2	235.9	0.7
AA	97.140	685	7,311	6.00	237.8	237.8	238.4	0.6
AB	98.112	389	4,134	10.60	241.4	241.4	241.6	0.2
AC	98.640	363	4,606	9.60	246.2	246.2	246.2	0.0
AD	98.684	352	4,807	9.20	247.2	247.2	247.2	0.0
AE	99.805	440	8,873	5.00	250.2	250.2	250.4	0.2
AF	100.992	435	9,710	3.90	253.9	253.9	254.8	0.9
AG	101.898	930	11,935	3.20	254.9	254.9	255.7	0.8
AH	102.870	490	6,990	5.40	256.3	256.3	257.2	0.9
AI	104.290	730	12,785	3.00	258.6	258.6	259.5	0.9
AJ	105.070	290	7,175	5.30	259.3	259.3	260.2	0.9
AK	106.760	1,170	18,860	2.00	261.2	261.2	262.1	0.9
AL	108.130	250	6,135	6.20	262.4	262.4	263.3	0.9
AM	108.760	275	6,625	5.70	263.6	263.6	264.6	1.0
AN	110.250	705	9,310	4.10	266.1	266.1	267.1	1.0
AO	111.370	290	7,595	5.00	267.3	267.3	268.3	1.0
AP	112.160	715	10,599	3.00	268.3	268.3	269.2	0.9
AQ	113.000	325	9,230	3.40	268.8	268.8	269.8	1.0
AR	113.560	726	11,775	2.70	269.2	269.2	270.1	0.9
AS	114.780	260	6,109	5.10	269.9	269.9	270.9	1.0

¹ Miles above confluence with Newburyport Light, Newburyport, MA

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

MERRIMACK RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Messer Brook								
A	0.024 ¹	12	84	6.80	185.6	179.0 ⁴	179.0	0.0
B	0.174 ¹	20	124	4.60	196.8	196.8	196.8	0.0
C	0.655 ¹	20	56	8.20	220.2	220.2	220.2	0.0
D	0.975 ¹	8	37	12.40	233.2	233.2	233.6	0.4
E	1.255 ¹	12	48	9.60	258.2	258.2	258.2	0.0
Pemigewasset River								
A	116.245 ²	247	2,789	7.90	273.0	273.0	273.7	0.7
B	116.590 ²	180	1,465	15.00	278.4	278.4	278.4	0.0
C	117.200 ²	319	6,405	3.40	308.2	308.2	308.2	0.0
Peters Brook								
A	0.374 ¹	30	161	3.90	222.5	222.5	222.5	0.0
B	0.770 ¹	10	50	12.50	253.9	253.9	254.2	0.3
C	0.910 ¹	20	180	3.50	278.2	278.2	278.7	0.5
D	1.070 ¹	20	98	4.10	287.9	287.9	287.9	0.0
E	1.285 ¹	17	130	3.10	293.5	293.5	294.0	0.5
F	1.705 ¹	45	81	5.00	301.2	301.2	301.3	0.1
Sanders Brook								
A	0.050 ³	36	371	1.06	343.0	341.7 ⁵	342.3	0.6
B	0.120 ³	36	307	1.29	343.0	341.7 ⁵	342.4	0.7
C	0.240 ³	37	137	2.88	349.4	349.4	349.5	0.1
D	0.330 ³	27	60	6.58	352.7	352.7	353.3	0.6

¹Miles above confluence with Merrimack River

²Miles above Newburyport Light, Newburyport, MA

³Miles above confluence with Suncook River

⁴Elevation computed without consideration of backwater effects from Merrimack River

⁵Elevation computed without consideration of backwater effects from Suncook River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

**MESSER BROOK – PEMIGEWASSET RIVER –
PETERS BROOK – SANDERS BROOK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Soucook River								
A	0.350	295	2,660	2.10	203.4	203.1 ²	204.1	1.0
B	1.165	100	960	5.90	205.8	205.8	206.3	0.5
C	4.116	265	1,623	3.40	229.2	229.2	229.4	0.2
D	6.665	70	454	12.20	248.3	248.3	248.3	0.0
E	7.582	105	1,129	4.90	261.4	261.4	262.2	0.8
F	9.032	200	1,603	3.30	270.4	270.4	271.1	0.7
G	12.213	75	1,027	5.10	303.5	303.5	304.3	0.8
Suncook River								
A	0.050	265	3,236	4.70	197.9	197.9	198.9	1.0
B	0.439	207	3,877	3.90	236.7	236.7	236.7	0.0
C	0.564	87	2,744	5.50	261.1	261.1	261.1	0.0
D	0.847	252	4,126	3.70	283.7	283.7	283.8	0.1
E	1.186	142	1,747	8.70	285.5	285.5	285.8	0.3
F	1.654	192	3,165	4.80	288.3	288.3	288.6	0.3
G	2.010	221	2,665	5.60	289.2	289.2	289.4	0.2
H	2.995	1,041	9,953	1.50	290.5	290.5	291.3	0.8
I	4.137	980	10,142	1.40	292.8	292.8	293.8	1.0
J	4.785	1,235	9,024	1.60	293.4	293.4	294.4	1.0
K	5.490	322	2,584	5.60	299.0	299.0	299.0	0.0
L	5.525	287	4,472	3.20	301.4	301.4	301.4	0.0
M	5.570	147	3,015	4.80	301.5	301.5	301.6	0.1
N	6.330	230	3,864	3.70	302.9	302.9	303.5	0.6
O	6.667	155	2,670	5.20	303.3	303.3	304.1	0.8
P	6.937	225	3,238	4.30	304.3	304.3	305.3	1.0
Q	7.035	626	6,817	3.72	304.5	304.5	305.5	1.0

¹Miles above confluence with Merrimack River

²Elevation computed without consideration of backwater effects from Merrimack River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

SOUCOOK RIVER – SUNCOOK RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Suncook River (continued)								
R	7.060	626	6,817	3.72	304.5	304.5	305.5	1.0
S	7.900	449	6,285	3.76	305.5	305.5	306.5	1.0
T	8.270	450	5,956	2.25	305.9	305.9	306.9	1.0
U	8.650	440	4,085	3.21	306.3	306.3	307.2	0.9
V	9.250	290	3,872	3.39	307.4	307.4	308.1	0.7
W	9.470	450	8,314	1.58	307.7	307.7	308.5	0.8
X	9.540	106	1,719	7.63	308.3	308.3	308.7	0.4
Y	9.580	129	1,855	7.07	308.9	308.9	309.3	0.4
Z	9.670	228	3,643	3.60	309.4	309.4	310.0	0.6
AA	10.080	600	7,766	1.65	309.7	309.7	310.4	0.7
AB	10.630	817	8,428	1.52	309.7	309.7	310.6	0.9
AC	10.720	900	8,891	1.44	309.7	309.7	310.6	0.9
AD	10.850	400	4,043	3.17	309.7	309.7	310.7	1.0
AE	11.030	215	2,146	5.97	310.0	310.0	311.0	1.0
AF	11.220	200	1,494	6.12	311.5	311.5	312.0	0.5
AG	11.410	148	1,313	6.96	313.0	313.0	314.0	1.0
AH	11.570	350	3,139	2.91	314.7	314.7	315.7	1.0
AI	11.660	88	587	15.57	320.4	320.4	320.4	0.0
AJ	11.760	116	1,309	6.98	325.4	325.4	325.9	0.5
AK	11.900	128	687	13.30	331.2	331.2	331.2	0.0
AL	11.970	135	1,390	6.58	335.0	335.0	335.0	0.0
AM	12.460	600	5,121	2.50	337.8	337.8	338.4	0.6
AN	12.870	506	3,880	2.75	338.6	338.6	339.3	0.7
AO	12.960	625	4,460	2.39	338.8	338.8	339.6	0.8
AP	13.010	625	4,869	2.19	339.4	339.4	340.3	0.9
AQ	13.620	630	3,935	2.71	340.4	340.4	341.4	1.0

¹Miles above confluence with Merrimack River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

SUNCOOK RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Suncook River (continued)								
AR	13.930	190	2,338	4.56	341.2	341.2	342.2	1.0
AS	14.910	880	8,999	1.18	342.9	342.9	343.8	0.9
AT	15.330	550	5,118	2.08	343.2	343.2	344.1	0.9
AU	15.700	171	1,535	6.73	343.7	343.7	344.5	0.8
AV	15.840	105	1,665	6.20	345.4	345.4	345.8	0.4
AW	16.110	175	2,249	4.59	345.9	345.9	346.7	0.8
AX	16.230	361	3,601	2.87	346.2	346.2	346.9	0.7
AY	16.640	700	5,050	2.05	346.7	346.7	347.7	1.0
AZ	16.800	900	6,011	1.62	346.9	346.9	347.9	1.0
BA	16.980	900	2,495	3.91	348.6	348.6	349.1	0.5
BB	17.140	950	2,978	3.27	352.6	352.6	352.7	0.1
BC	17.370	142	886	11.00	360.5	360.5	361.3	0.8
BD	17.690	160	1,240	7.86	375.5	375.5	375.7	0.2
BE	17.910	142	1,022	9.54	381.0	381.0	381.7	0.7
BF	18.140	181	926	10.53	391.6	391.6	391.6	0.0
BG	18.200	185	1,026	9.50	395.8	395.8	395.9	0.1
BH	18.260	138	816	11.95	399.4	399.4	399.6	0.2
BI	18.450	160	1,196	8.15	408.6	408.6	409.4	0.8
BJ	19.130	138	1,060	9.20	424.9	424.9	424.9	0.0
BK	19.530	115	1,260	7.74	430.5	430.5	431.2	0.7
BL	19.780	136	1,391	7.01	433.4	433.4	434.3	0.9
BM	19.970	110	1,127	8.65	435.7	435.7	436.6	0.9
BN	20.340	142	1,492	6.24	440.1	440.1	441.0	0.9
BO	20.700	126	1,175	7.92	443.8	443.8	444.2	0.4
BP	20.940	200	1,258	7.40	447.4	447.4	447.8	0.4
BQ	21.190	150	1,002	9.29	455.7	455.7	456.1	0.4

¹Miles above confluence with Merrimack River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

SUNCOOK RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Suncook River (continued)								
BR	21.250	98	941	9.89	458.1	458.1	458.3	0.2
BS	21.330	368	5,546	1.68	480.1	480.1	480.1	0.0
BT	21.460	139	1,992	4.67	480.1	480.1	480.1	0.0
BU	21.490	138	1,935	4.81	480.1	480.1	480.1	0.0
BV	21.550	270	3,335	2.79	480.5	480.5	480.5	0.0
BW	21.940	468	5,849	1.59	480.7	480.7	480.7	0.0
BX	22.000	128	1,809	5.15	481.5	481.5	481.5	0.0
BY	22.390	135	1,658	5.62	482.2	482.2	482.3	0.1
BZ	22.560	170	1,277	7.29	482.2	482.2	482.8	0.6
CA	23.040	152	1,746	5.33	487.3	487.3	487.7	0.4
CB	23.410	161	1,896	4.91	488.6	488.6	489.3	0.7
CC	23.520	180	2,031	4.58	489.0	489.0	489.8	0.8
Tannery Brook								
A	0.168	85	290	5.40	259.4	253.6 ^z	253.8	0.2
B	0.540	199	920	1.70	259.4	256.8 ^z	257.8	1.0
C	0.712	53	578	2.70	266.8	266.8	267.3	0.5
D	0.933	52	370	4.20	293.3	293.3	294.1	0.8
E	1.294	90	450	3.50	296.7	296.7	297.7	1.0
F	1.593	20	120	13.10	303.7	303.7	303.8	0.1
G	1.783	310	3,380	0.50	364.9	364.9	365.0	0.1
H	2.092	100	1,050	1.50	364.9	364.9	365.0	0.1
I	2.365	34	170	9.20	378.6	378.6	378.6	0.0
J	2.710	43	170	9.20	412.4	412.4	412.4	0.0
K	3.078	230	1,020	1.50	416.6	416.6	417.6	1.0

¹Miles above confluence with Merrimack River

²Elevation computed without consideration of backwater effects from Merrimack River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

SUNCOOK RIVER – TANNERY BROOK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
The Outlet								
A	0.000 ¹	300	3,438	1.10	309.8	309.8	310.2	0.4
B	0.220 ¹	125	569	6.60	317.7	317.7	318.2	0.5
C	0.540 ¹	80	696	5.40	321.5	321.5	322.0	0.5
D	0.630 ¹	190	2,282	1.60	337.2	337.2	337.2	0.0
E	0.960 ¹	75	709	5.30	346.5	346.5	346.7	0.2
F	1.270 ¹	50	730	5.10	353.5	353.5	353.7	0.2
Tioga River								
A	1.165 ²	76	485	7.50	471.7	471.7	472.5	0.8
B	1.712 ²	364	2,350	1.60	476.1	476.1	477.1	1.0
Tributary A								
A	0.175 ³	10	30	12.30	256.2	250.2 ^b	250.2	0.0
B	0.445 ³	530	4,210	0.10	256.2	251.2 ^b	252.2	1.0
C	0.667 ³	25	50	7.40	256.2	252.6 ^b	253.1	0.5
Warner River								
A	1,140 ⁴	96	1,070	9.10	361.5	355.1 ^b	355.8	0.7
B	2,300 ⁴	713	4,495	2.20	361.5	357.5 ^b	358.3	0.8
C	4,360 ⁴	388	2,442	4.00	361.5	358.8 ^b	359.4	0.6
D	8,100 ⁴	250	2,781	3.50	361.9	361.9	362.5	0.6
E	12,240 ⁴	308	3,305	2.90	363.4	363.4	364.1	0.7
F	13,040 ⁴	480	5,380	1.80	363.7	363.7	364.4	0.7
G	13,790 ⁴	254	750	12.70	371.1	371.1	371.1	0.0
H	14,040 ⁴	102	659	14.40	381.4	381.4	381.4	0.0
I	14,565 ⁴	106	1,265	7.50	392.5	392.5	392.5	0.0

¹Miles above confluence with Contoocook River

²Miles above confluence with Winnepesaukee River

³Miles above confluence with Merrimack River

⁴Feet above confluence with Contoocook River

⁵Elevation computed without consideration of backwater effects from Merrimack River

⁶Elevation computed without consideration of backwater effects from Contoocook River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

**THE OUTLET – TIOGA RIVER – TRIBUTARY A –
WARNER RIVER**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Warner River (continued)								
J	16,310	400	3,512	2.70	393.7	393.7	393.9	0.2
K	18,740	550	5,079	1.90	394.5	394.5	395.1	0.6
L	21,440	399	3,490	2.70	394.5	394.5	395.5	1.0
M	21,990	200	2,423	3.90	395.4	395.4	396.0	0.6
N	22,170	350	2,693	3.50	395.4	395.4	396.1	0.7
O	23,910	1,050	9,907	1.00	396.0	396.0	396.7	0.7
P	26,550	684	4,195	2.30	396.3	396.3	397.1	0.8
Q	28,740	648	4,514	2.10	397.3	397.3	398.3	1.0
R	30,970	900	6,037	1.40	398.0	398.0	399.0	1.0
S	32,860	776	5,636	1.50	398.4	398.4	399.3	0.9
T	33,960	356	2,007	4.10	398.4	398.4	399.3	0.9
U	34,500	130	1,366	6.00	400.9	400.9	401.6	0.7
V	35,380	150	1,388	5.90	402.0	402.0	402.6	0.6
W	36,570	164	1,562	5.30	403.1	403.1	404.1	1.0
X	37,270	319	2,691	3.10	404.0	404.0	404.9	0.9
Y	37,592	200	1,744	4.70	405.0	405.0	405.3	0.3
Z	38,670	294	2,729	3.00	405.5	405.5	406.2	0.7
AA	38,936	111	1,311	6.30	405.5	405.5	406.2	0.7
AB	39,940	250	2,686	3.10	406.9	406.9	407.5	0.6
AC	41,740	500	3,516	2.30	407.8	407.8	408.8	1.0
AD	42,122	163	1,483	5.60	408.0	408.0	408.9	0.9
AE	42,980	350	2,877	2.90	409.2	409.2	409.8	0.6
AF	44,740	325	2,631	3.10	409.9	409.9	410.9	1.0
AG	45,035	170	1,718	4.80	410.6	410.6	411.5	0.9
AH	46,540	116	1,115	7.40	412.6	412.6	413.3	0.7
AI	47,210	200	1,607	5.10	413.6	413.6	414.6	1.0

¹Feet above confluence with Contoocook River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

WARNER RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Warner River (continued)								
AJ	47,580	86	1,196	6.90	415.0	415.0	415.3	0.3
AK	47,890	125	1,440	5.70	415.3	415.3	416.1	0.8
AL	49,100	147	1,736	4.70	416.8	416.8	417.6	0.8
AM	49,419	200	2,370	3.50	417.7	417.7	418.3	0.6
AN	51,240	186	1,848	4.50	418.5	418.5	419.2	0.7
AO	53,290	400	4,308	1.90	420.7	420.7	421.3	0.6
AP	54,560	560	4,924	1.70	421.0	421.0	421.8	0.8
AQ	55,140	300	2,302	3.60	421.0	421.0	421.9	0.9
AR	55,400	170	1,344	4.60	421.2	421.2	422.2	1.0
AS	55,558	126	1,130	5.50	421.5	421.5	422.4	0.9
AT	57,430	135	1,391	4.50	423.2	423.2	423.9	0.7
AU	59,390	125	1,145	5.50	424.9	424.9	425.6	0.7
AV	61,220	122	602	10.40	443.1	443.1	443.1	0.0
AW	61,282	155	1,292	4.80	446.2	446.2	447.0	0.8
AX	61,399	92	885	7.00	446.6	446.6	447.3	0.7
AY	63,080	300	1,859	3.40	448.7	448.7	449.1	0.4
AZ	64,305	461	2,598	2.40	449.8	449.8	450.4	0.6
BA	66,730	297	1,266	4.90	452.6	452.6	452.8	0.2
BB	68,570	138	668	9.30	461.3	461.3	461.3	0.0
BC	69,470	136	757	8.20	468.5	468.5	468.9	0.4
BD	71,780	100	935	6.70	507.0	507.0	507.1	0.1
BE	72,150	200	1,523	4.10	508.2	508.2	508.3	0.1
BF	74,140	173	1,242	3.60	509.3	509.3	509.8	0.5
BG	74,420	200	903	4.90	509.4	509.4	509.8	0.4
BH	74,880	250	1,357	3.30	510.3	510.3	511.1	0.8
BI	75,090	132	1,162	3.80	510.8	510.8	511.8	1.0

¹Feet above confluence with Contoocook River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

WARNER RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Warner River (continued)								
BJ	75,340	80	919	4.90	511.6	511.6	512.6	1.0
BK	75,690	70	924	4.80	511.9	511.9	512.8	0.9
BL	77,044	80	702	6.40	519.4	519.4	520.3	0.9
BM	77,155	150	1,358	3.30	520.1	520.1	521.0	0.9
BN	77,490	146	1,628	2.70	520.5	520.5	521.3	0.8
BO	78,810	200	1,558	2.90	520.9	520.9	521.6	0.7
BP	80,520	45	301	14.80	544.9	544.9	544.9	0.0
BQ	81,640	83	757	5.90	558.0	558.0	558.1	0.1
BR	81,897	48	387	11.50	562.4	562.4	562.4	0.0
BS	83,260	57	446	10.00	589.1	589.1	589.9	0.8
BT	85,060	61	504	8.80	612.4	612.4	612.8	0.4
BU	85,890	50	439	10.20	624.8	624.8	625.8	1.0
BV	87,020	55	322	13.90	628.3	628.3	628.3	0.0
BW	87,190	71	884	5.00	638.3	638.3	638.3	0.0
BX	89,750	492	1,750	2.00	641.9	641.9	*	*
BY	89,823	485	2,600	1.40	642.2	642.2	*	*
BZ	91,780	221	1,790	2.00	642.6	642.6	*	*
CA	94,078	352	2,010	1.80	643.1	643.1	*	*
CB	94,160	297	2,050	1.70	643.3	643.3	*	*
CC	100,353	699	4,240	0.70	643.9	643.9	*	*
CD	100,552	86	723	4.30	643.9	643.9	*	*

¹Feet above confluence with Contoocook River

*Data not available

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

WARNER RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
West Channel Suncook River								
A	0.300 ¹	200	1,764	2.08	312.1	312.1	312.9	0.8
B	0.430 ¹	107	825	4.45	312.2	312.2	313.2	1.0
C	0.610 ¹	70	362	10.15	316.3	316.3	316.4	0.1
D	0.840 ¹	97	931	3.95	320.7	320.7	321.2	0.5
E	0.970 ¹	90	620	5.93	321.6	321.6	322.1	0.5
Williams Brook								
A	0.027 ²	92	562	2.60	412.2	411.1 ^b	421.1	1.0
B	0.188 ²	62	404	3.70	413.7	413.7	414.2	0.5
C	0.560 ²	118	656	2.00	415.6	415.6	416.6	1.0
D	0.807 ²	48	274	4.70	417.3	417.3	418.1	0.8
E	1.187 ²	80	253	5.10	428.0	428.0	428.6	0.6
F	1.308 ²	26	279	4.60	441.4	441.4	441.4	0.0
Winnepesaukee River								
A	115.954 ³	180	2,194	2.60	271.7	271.7	272.7	1.0
B	116.185 ³	157	2,140	2.70	286.0	286.0	286.0	0.0
C	116.575 ³	130	1,274	4.00	287.5	287.5	287.7	0.2
D	116.928 ³	185	1,526	3.30	300.4	300.4	300.4	0.0
E	117.080 ³	135	2,097	2.40	322.7	322.7	322.7	0.0
F	117.532 ³	126	615	9.30	353.2	353.2	353.3	0.1
G	117.937 ³	100	618	9.30	385.0	385.0	385.4	0.4
H	118.341 ³	159	1,349	4.20	406.1	406.1	406.3	0.2
I	119.085 ³	181/ 98 ⁴	1,475	3.90	407.6	407.6	407.9	0.3
J	119.794 ³	145/ 70 ⁴	1,029	5.60	410.3	410.3	410.4	0.1
K	120.676 ³	106/ 53 ⁴	731	7.80	415.8	415.8	416.1	0.3

¹Miles above confluence with Suncook River

²Miles above confluence with Winnepesaukee River

³Miles above Newburyport Light, Newburyport, MA

^bWidth/ width within county boundary

⁴Miles above confluence with Winnepesaukee River

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

**WEST CHANNEL SUNCOOK RIVER – WILLIAMS
BROOK – WINNIPESAUKEE RIVER**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH ² (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Winnepesaukee River (continued)								
L	121.094	99/ 49	686	8.30	446.1	446.1	446.1	0.0
M	121.275	140/ 68	1,386	4.10	451.6	451.6	452.5	0.9
N	121.610	180/ 97	1,260	4.50	454.2	454.2	454.5	0.3
O	121.985	175/ 87	1,004	5.70	456.2	456.2	456.3	0.1
P	122.583	136/ 66	591	9.70	462.5	462.5	463.0	0.5
Q	122.915	169/ 81	1,148	5.00	468.1	468.1	468.2	0.1
R	124.027	275/ 137	2,463	2.20	470.1	470.1	470.3	0.2

¹Miles above Newburyport Light, Newburyport, MA

²Width/ width within county boundary

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MERRIMACK COUNTY, NH
(ALL JURISDICTIONS)**

FLOODWAY DATA

WINNIPESAUKEE RIVER