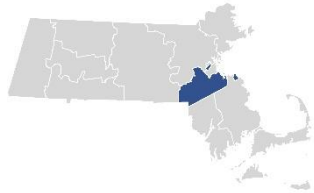


FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 3 OF 7



NORFOLK COUNTY, MASSACHUSETTS (ALL JURISDICTIONS)

COMMUNITY NAME	NUMBER	COMMUNITY NAME	NUMBER
AVON, TOWN OF	250231	MILTON, TOWN OF	250245
BELLINGHAM, TOWN OF	250232	NEEDHAM, TOWN OF	255215
BRAINTREE, TOWN OF	250233	NORFOLK, TOWN OF	255217
BROOKLINE, TOWN OF	250234	NORWOOD, TOWN OF	250248
CANTON, TOWN OF	250235	PLAINVILLE, TOWN OF	250249
COHASSET, TOWN OF	250236	QUINCY, CITY OF	255219
DEDHAM, TOWN OF	250237	RANDOLPH, TOWN OF	250251
DOVER, TOWN OF	250238	SHARON, TOWN OF	250252
FOXBOROUGH, TOWN OF	250239	STOUGHTON, TOWN OF	250253
FRANKLIN, TOWN OF	250240	WALPOLE, TOWN OF	250254
HOLBROOK, TOWN OF	255212	WELLESLEY, TOWN OF	250255
MEDFIELD, TOWN OF	250242	WESTWOOD, TOWN OF	255225
MEDWAY, TOWN OF	250243	WEYMOUTH, TOWN OF	250257
MILLIS, TOWN OF	250244	WRENTHAM, TOWN OF	250258

REVISED:
REVISED
PRELIMINARY
04/07/2023

FLOOD INSURANCE STUDY NUMBER
25021CV003E

Version Number 2.6.3.6



FEMA

TABLE OF CONTENTS

Volume 1

	<u>Page</u>
SECTION 1.0 – INTRODUCTION	1
1.1 The National Flood Insurance Program	1
1.2 Purpose of this Flood Insurance Study Report	2
1.3 Jurisdictions Included in the Flood Insurance Study Project	2
1.4 Considerations for using this Flood Insurance Study Report	6
 SECTION 2.0 – FLOODPLAIN MANAGEMENT APPLICATIONS	 16
2.1 Floodplain Boundaries	16
2.2 Floodways	38
2.3 Base Flood Elevations	39
2.4 Non-Encroachment Zones	39
2.5 Coastal Flood Hazard Areas	39
2.5.1 Water Elevations and the Effects of Waves	39
2.5.2 Floodplain Boundaries and BFEs for Coastal Areas	41
2.5.3 Coastal High Hazard Areas	42
2.5.4 Limit of Moderate Wave Action	43
 SECTION 3.0 – INSURANCE APPLICATIONS	 44
3.1 National Flood Insurance Program Insurance Zones	44
 SECTION 4.0 – AREA STUDIED	 45
4.1 Basin Description	45
4.2 Principal Flood Problems	46
4.3 Non-Levee Flood Protection Measures	48
4.4 Levees	56
 SECTION 5.0 – ENGINEERING METHODS	 61
5.1 Hydrologic Analyses	61
5.2 Hydraulic Analyses	88

Figures

	<u>Page</u>
Figure 1: FIRM Panel Index	8
Figure 2: FIRM Notes to Users	9
Figure 3: Map Legend for FIRM	12
Figure 4: Floodway Schematic	38
Figure 5: Wave Runup Transect Schematic	41
Figure 6: Coastal Transect Schematic	43
Figure 7: Frequency Discharge-Drainage Area Curves	86

Tables

	<u>Page</u>
Table 1: Listing of NFIP Jurisdictions	2
Table 2: Flooding Sources Included in this FIS Report	17
Table 3: Flood Zone Designations by Community	44
Table 4: Basin Characteristics	45
Table 5: Principal Flood Problems	46
Table 6: Historic Flooding Elevations	48
Table 7: Non-Levee Flood Protection Measures	56
Table 8: Levees	60
Table 9: Summary of Discharges	62
Table 10: Summary of Non-Coastal Stillwater Elevations	87
Table 11: Stream Gage Information used to Determine Discharges	88

Volume 2

	<u>Page</u>
5.3 Coastal Analyses	162

Figures

	<u>Page</u>
Figure 8: 1% Annual Chance Total Stillwater Elevations for Coastal Areas	165

Tables

	<u>Page</u>
Table 12: Summary of Hydrologic and Hydraulic Analyses	90
Table 13: Roughness Coefficients	155
Table 14: Summary of Coastal Analyses	162
Table 15: Tide Gage Analysis Specifics	165

Volume 3

	<u>Page</u>
5.3.1 Total Stillwater Elevations	165
5.3.2 Waves	166
5.3.3 Coastal Erosion	166
5.3.4 Wave Hazard Analyses	166
5.4 Alluvial Fan Analyses	174
SECTION 6.0 – MAPPING METHODS	174
6.1 Vertical and Horizontal Control	174
6.2 Base Map	175
6.3 Floodplain and Floodway Delineation	176

Figures

	<u>Page</u>
Figure 9: Transect Location Map	173

Tables

	<u>Page</u>
Table 16: Coastal Transect Parameters	168
Table 17: Summary of Alluvial Fan Analyses	174
Table 18: Results of Alluvial Fan Analyses	174
Table 19: Countywide Vertical Datum Conversion	175
Table 20: Stream-Based Vertical Datum Conversion	175
Table 21: Base Map Sources	175
Table 22: Summary of Topographic Elevation Data used in Mapping	177
Table 23: Floodway Data	179

Volume 4

	<u>Page</u>
6.4 Coastal Flood Hazard Mapping	292
6.5 FIRM Revisions	296
6.5.1 Letters of Map Amendment	296
6.5.2 Letters of Map Revision Based on Fill	296
6.5.3 Letters of Map Revision	297
6.5.4 Physical Map Revisions	299
6.5.5 Contracted Restudies	299
6.5.6 Community Map History	299
SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION	303
7.1 Contracted Studies	303
7.2 Community Meetings	321
SECTION 8.0 – ADDITIONAL INFORMATION	329
SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES	331

Tables

	<u>Page</u>
Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams	292
Table 25: Summary of Coastal Transect Mapping Considerations	293
Table 26: Incorporated Letters of Map Change	297
Table 27: Community Map History	300
Table 28: Summary of Contracted Studies Included in this FIS Report	303

Table 29: Community Meetings	322
Table 30: Map Repositories	329
Table 31: Additional Information	330
Table 32: Bibliography and References	332

Volume 5

Exhibits

Flood Profiles	<u>Panel</u>
Arnolds Brook	001 P
Beaver Brook (Town of Avon)	002-003 P
Beaver Brook (Town of Bellingham)	004-005 P
Beaver Brook (Town of Holbrook)	006-007 P
Beaver Brook (Town of Sharon)	008 P
Beaver Meadow Brook	009 P
Billings Brook	010 P
Billings Brook Branch	011 P
Bogastow Brook	012-017 P
Brook A (Stetson Brook)	018 P
Brook B	019 P
Brook No. 1	020-021 P
Bubbling Brook	022-024 P
Buckmaster Brook	025 P
Bungay Brook	026-027 P
Burnt Swamp Brook	028-029 P
Canoe River (Town of Foxborough)	030-031 P
Canoe River (Town of Sharon)	032 P
Canton River	033-035 P
Caroline Brook	036 P
Charles River	037 P
Charles River (Lower Reach)	038-047 P
Charles River (Upper Reach)	048-060 P
Chicken Brook	061-064 P
Cobb's Brook	065-066 P
Cochato River/Trout Brook	067-072 P
Cress Brook	073-074 P
Crocker Brook	075 P
Cunningham Brook	076 P
Diamond Brook	077-078 P
Dorchester Brook	079 P
Farm River	080-082 P
Fuller Brook	083 P
Furnace Brook	084-086 P
Germany Brook	087-089 P
Glovers Brook	090-091 P
Harlow Pond Lateral	092 P

Volume 6

Exhibits

Flood Profiles

	<u>Panel</u>
Hawes Brook	093-094 P
Hawthorne Brook	095 P
Herring Brook	096 P
Hopping Brook	097-098 P
James Brook	099 P
Lily Pond Stream	100 P
Mann Pond Lateral	101 P
Martin Brook	102-103 P
Mary Lee Brook	104 P
Massapoag Brook (Town of Canton)	105-106 P
Massapoag Brook (Town of Sharon)	107-108 P
Meadow Brook	109 P
Mill Brook	110-112 P
Mill River (Town of Norfolk)	113-114 P
Mill River (Town of Weymouth)	115-116 P
Mill River Tributary A	117 P
Mill River Tributary B	118 P
Miller Brook	119 P
Mine Brook (Town of Franklin)	120-128 P
Mine Brook (Town of Walpole)	129-130 P
Monatiquot River	131-136 P
Mother Brook	137-139 P
Muddy River	140-142 P
Myrtle Street Lateral	143 P
Neponset River	144-163 P
Norroway Brook	164-165 P
Old Swamp River	166-168 P
Pequid Brook (Lower Reach)	169 P
Pequid Brook (Upper Reach)	170 P
Peters River	171-175 P
Pickerel Brook	176 P
Pine Tree Brook	177-179 P
Plantingfield Brook	180-181 P
Ponkapoag Brook	182-184 P

Volume 7 Exhibits

Flood Profiles

	<u>Panel</u>
Prison Farm Lateral	185-186 P
Purgatory Brook	187-190 P
Rabbit Hill Brook	191-192 P
Rattlesnake Run	193 P
Redwing Brook	194 P
Richardsons Brook	195 P
Robinson Brook	196-198 P
Rock Meadow Brook	199-202 P

Rocky Brook	203 P
Rumford River	204-205 P
School Meadow Brook	206-207 P
Sevenmile River	208 P
Shepards Brook	209 P
South Brook	210 P
Steep Hill Brook	211-212 P
Stony Brook	213-215 P
Stop River	216-220 P
Sucker Brook	221 P
Ten Mile River	222-223 P
Town Brook	224-228 P
Traphole Brook	229-230 P
Tributary C2B	231 P
Tributary R2	232 P
Tributary R3	233 P
Tributary R4	234 P
Tributary to Great Black Swamp	235 P
Tributary to Steep Hill Brook	236 P
Trout Brook (Town of Avon)	237 P
Trout Brook (Town of Dover)	238-240 P
Turkey Hill Run	241 P
Turtle Brook	242-243 P
Unnamed Tributary to Mary Lee Brook	244 P
Unnamed Tributary to Robinson Brook	245 P
Vine Brook	246-247 P
Waban Brook	248 P
Wading River	249 P
Walnut Hill Stream	250 P
Whiting Pond Bypass	251-252 P

Published Separately

Flood Insurance Rate Map (FIRM)

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H _s (ft)	Peak Wave Period T _p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Dorchester Bay	1	*	*	9.3	*	10.8	11.3	12.8
Dorchester Bay	2	*	*	9.3	*	10.8	11.3	12.8
Dorchester Bay	3	*	*	9.3	*	10.8	11.3	12.8
Dorchester Bay	4	*	*	9.3	*	10.8	11.3	12.8
Dorchester Bay	5	*	*	9.0	*	9.9	10.7	11.9
Quincy Bay	6	*	*	9.0	*	9.9	10.7	11.9
Quincy Bay	7	*	*	9.0	*	9.9	10.7	11.9
Quincy Bay	8	*	*	9.0	*	9.9	10.7	11.9
Quincy Bay	9	*	*	9.0	*	9.9	10.7	11.9
Quincy Bay	10	*	*	9.2	*	10.3	10.9	12.2
Quincy Bay	11	*	*	9.2	*	10.3	10.9	12.2
Quincy Bay	12	*	*	9.2	*	10.3	10.9	12.2
Quincy Bay	13	*	*	9.0	*	10.0	10.8	12.1
Quincy Bay	14	*	*	9.0	*	10.0	10.8	12.1
Quincy Bay	15	*	*	9.0	*	10.0	10.8	12.1

*Not calculated for this Flood Risk Project

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H _s (ft)	Peak Wave Period T _p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Weymouth Fore River	16	*	*	9.4	*	10.8	11.7	12.8
Weymouth Fore River	17	*	*	9.4	*	10.8	11.7	12.8
Weymouth Fore River	18	*	*	9.4	*	10.8	11.7	12.8
Weymouth Fore River	19	*	*	9.4	*	10.8	11.7	12.8
Weymouth Fore River	20	*	*	9.5	*	10.9	12.0	13.0
Weymouth Fore River	21	*	*	9.5	*	10.9	12.0	13.0
Weymouth Fore River	22	*	*	9.5	*	10.9	12.0	13.0
Weymouth Fore River	23	*	*	9.6	*	11.0	12.1	13.1
Weymouth Fore River	24	*	*	9.6	*	11.0	12.1	13.1

*Not calculated for this Flood Risk Project

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H _s (ft)	Peak Wave Period T _p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Weymouth Fore River	25	*	*	9.1	*	10.9	11.7	13.3
Weymouth Fore River	26	*	*	9.1	*	10.9	11.7	13.3
Weymouth Fore River	27A	*	*	9.1	*	10.9	11.7	13.3
Weymouth Fore River	27B	*	*	8.4	*	9.3	9.5	10.4
Weymouth Fore River	28	*	*	8.4	*	9.3	9.5	10.4
Weymouth Fore River	29	*	*	8.4	*	9.3	9.5	10.4
Weymouth Fore River	30	*	*	8.4	*	9.3	9.5	10.4
Weymouth Fore River	31	*	*	8.4	*	9.3	9.5	10.4
Weymouth Fore River	32	*	*	8.4	*	9.3	9.5	10.4

*Not calculated for this Flood Risk Project

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H _s (ft)	Peak Wave Period T _p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Weymouth Fore River	33	*	*	8.4	*	9.3	9.5	10.4
Weymouth Fore River	34	*	*	8.4	*	9.3	9.5	10.4
Weymouth Fore River	35	*	*	8.4	*	9.3	9.5	10.4
Hingham Bay	36	*	*	8.4	*	9.3	9.5	10.4
Hingham Bay	37	*	*	8.4	*	9.3	9.5	10.4
Hingham Bay	38	*	*	8.4	*	9.3	9.5	10.4
Weymouth Back River	39	*	*	8.4	*	9.3	9.5	10.4
Massachusetts Bay	40	*	*	8.4	*	9.3	9.6	10.4
Massachusetts Bay	41	*	*	8.4	*	9.3	9.6	10.4
Massachusetts Bay	42	*	*	8.4	*	9.3	9.5	10.4

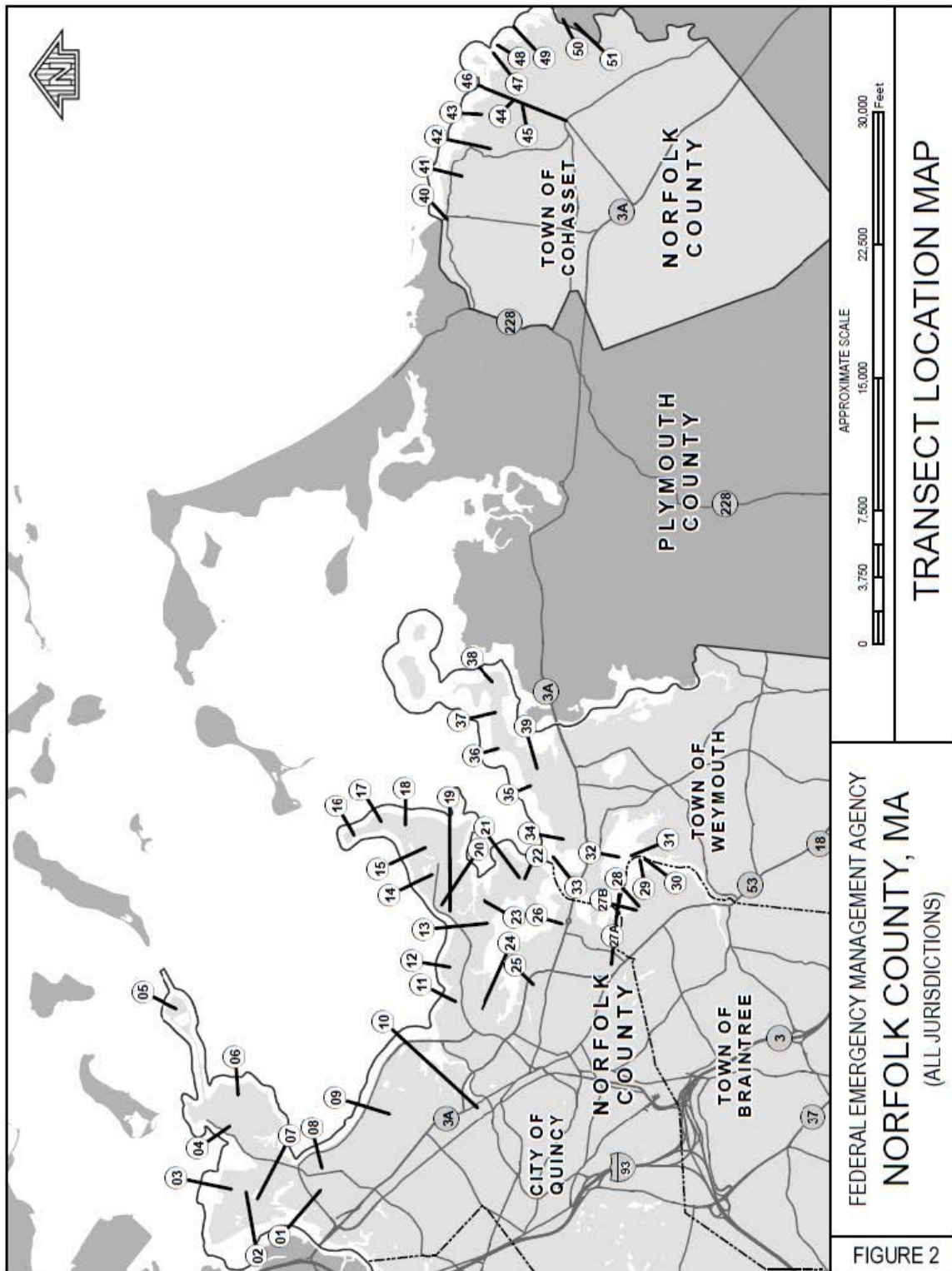
*Not calculated for this Flood Risk Project

Table 16: Coastal Transect Parameters

Flood Source	Coastal Transect	Starting Wave Conditions for the 1% Annual Chance		Starting Stillwater Elevations (ft NAVD88) Range of Stillwater Elevations (ft NAVD88)				
		Significant Wave Height H _s (ft)	Peak Wave Period T _p (sec)	10% Annual Chance	4% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance
Massachusetts Bay	43	*	*	8.4	*	9.3	9.6	10.4
Massachusetts Bay	44	*	*	8.4	*	9.3	9.5	10.4
Massachusetts Bay	45	*	*	8.4	*	9.3	9.5	10.4
Massachusetts Bay	46	*	*	8.4	*	9.3	9.5	10.4
Massachusetts Bay	47	*	*	8.4	*	9.3	9.5	10.4
Massachusetts Bay	48	*	*	8.4	*	9.3	9.5	10.4
Massachusetts Bay	49	*	*	8.4	*	9.3	9.5	10.4
The Gulf	50	*	*	8.4	*	9.3	9.5	10.4
The Gulf	51	*	*	8.4	*	9.3	9.5	10.4

*Not calculated for this Flood Risk Project

Figure 9: Transect Location Map



5.4 Alluvial Fan Analyses

This section is not applicable to this Flood Risk Project.

Table 17: Summary of Alluvial Fan Analyses

[Not Applicable to this Flood Risk Project]

Table 18: Results of Alluvial Fan Analyses

[Not Applicable to this Flood Risk Project]

SECTION 6.0 – MAPPING METHODS

6.1 Vertical and Horizontal Control

All FIS Reports and FIRMs are referenced to a specific vertical datum. The vertical datum provides a starting point against which flood, ground, and structure elevations can be referenced and compared. Until recently, the standard vertical datum used for newly created or revised FIS Reports and FIRMs was the National Geodetic Vertical Datum of 1929 (NGVD29). With the completion of the North American Vertical Datum of 1988 (NAVD88), many FIS Reports and FIRMs are now prepared using NAVD88 as the referenced vertical datum.

Flood elevations shown in this FIS Report and on the FIRMs are referenced to NAVD88. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between NGVD29 and NAVD88 or other datum conversion, visit the National Geodetic Survey website at www.ngs.noaa.gov.

Temporary vertical monuments are often established during the preparation of a flood hazard analysis for the purpose of establishing local vertical control. Although these monuments are not shown on the FIRM, they may be found in the archived project documentation associated with the FIS Report and the FIRMs for this community. Interested individuals may contact FEMA to access these data.

To obtain current elevation, description, and/or location information for benchmarks in the area, please visit the NGS website at www.ngs.noaa.gov.

The datum conversion locations and values that were calculated for Norfolk County are provided in Table 19.

Table 19: Countywide Vertical Datum Conversion

Quadrangle Name	Quadrangle Corner	Latitude	Longitude	Conversion from NGVD29 to NAVD88 (feet)
All in Norfolk County				-0.8
Average Conversion from NGVD29 to NAVD88 = -0.8 feet				

Table 20: Stream-Based Vertical Datum Conversion

[Not Applicable to this Flood Risk Project]

6.2 Base Map

The FIRMs and FIS Report for this project have been produced in a digital format. The flood hazard information was converted to a Geographic Information System (GIS) format that meets FEMA's FIRM database specifications and geographic information standards. This information is provided in a digital format so that it can be incorporated into a local GIS and be accessed more easily by the community. The FIRM Database includes most of the tabular information contained in the FIS Report in such a way that the data can be associated with pertinent spatial features. For example, the information contained in the Floodway Data table and Flood Profiles can be linked to the cross sections that are shown on the FIRMs. Additional information about the FIRM Database and its contents can be found in FEMA's *Guidelines and Standards for Flood Risk Analysis and Mapping*, www.fema.gov/guidelines-and-standards-flood-risk-analysis-and-mapping.

Base map information shown on the FIRM was derived from the sources described in Table 21.

Table 21: Base Map Sources

Data Type	Data Provider	Data Date	Data Scale	Data Description
Digital orthophoto	MassGIS	2005	1:5,000	Orthoimagery for all FIRMs dated July 17, 2012 (MassGIS 2005)
Digital orthophoto	USGS	2009	15-cm to 30-cm pixels	Orthoimagery for all FIRMs dated June 9, 2014 (USGS 2008)
Digital orthophoto	USGS	2013	1:2,400	Orthoimagery for all FIRMs dated July 16, 2015
Digital orthophoto	USGS	2013	0.3-m resolution	Orthoimagery for all FIRMs dated July 6, 2021, or June 15, 2022 (USGS 2013)
Political boundaries	MassGIS	2017	1:5,000	Municipal and county boundaries
Surface water features	MassGIS	-	-	Streams, rivers, and lakes derived from orthophotography for all FIRMs dated July 17, 2012; June 9, 2014; or July 16, 2015

Table 21: Base Map Sources

Data Type	Data Provider	Data Date	Data Scale	Data Description
Transportation features	MassGIS	-	-	Roads and railroads derived from orthophotography for all FIRMs dated July 17, 2012; June 9, 2014; or July 16, 2015
Transportation features	USCB	2016	-	Roads and railroads for all FIRMs dated July 6, 2021, or June 15, 2022 (USCB 2016)

6.3 Floodplain and Floodway Delineation

The FIRM shows tints, screens, and symbols to indicate floodplains and floodways as well as the locations of selected cross sections used in the hydraulic analyses and floodway computations.

For riverine flooding sources, the mapped floodplain boundaries shown on the FIRM have been delineated using the flood elevations determined at each cross section; between cross sections, the boundaries were interpolated using the topographic elevation data described in Table 22. For each coastal flooding source studied as part of this FIS Report, the mapped floodplain boundaries on the FIRM have been delineated using the flood and wave elevations determined at each transect; between transects, boundaries were delineated using land use and land cover data, the topographic elevation data described in Table 22, and knowledge of coastal flood processes. In ponding areas, flood elevations were determined at each junction of the model; between junctions, boundaries were interpolated using the topographic elevation data described in Table 22.

In cases where the 1% and 0.2% annual chance floodplain boundaries are close together, only the 1% annual chance floodplain boundary has been shown. Small areas within the floodplain boundaries may lie above the flood elevations but cannot be shown due to limitations of the map scale and/or lack of detailed topographic data.

The floodway widths presented in this FIS Report and on the FIRM were computed for certain stream segments on the basis of equal conveyance reduction from each side of the floodplain. Floodway widths were computed at cross sections. Between cross sections, the floodway boundaries were interpolated. Table 2 indicates the flooding sources for which floodways have been determined. The results of the floodway computations for those flooding sources have been tabulated for selected cross sections and are shown in Table 23, "Floodway Data."

Table 22: Summary of Topographic Elevation Data used in Mapping

Community	Flooding Source	Source for Topographic Elevation Data			
		Description	Vertical Accuracy	Horizontal Accuracy	Citation
Braintree, Town of; Brookline, Town of; Canton, Town of; Cohasset, Town of; Dedham, Town of; Dover, Town of; Medfield, Town of; Milton, Town of; Needham, Town of; Norwood, Town of; Quincy, City of; Randolph, Town of; Walpole, Town of; Wellesley, Town of; Westwood, Town of; Weymouth, Town of	All sources in lidar project area studied or redelineated in 2021 Cape Cod Watershed revision (mostly near the coast) and 2022 Charles Watershed revision (mostly near Boston) except Beaver Meadow Brook (detailed), Blue Hill River (uppermost portion), Canton River, Lower Pequid Brook, Massapoag Brook (Canton), Ponkapoag Brook (detailed), Steep Hill Brook Tributary B, and Upper Pequid Brook (detailed)	Lidar	5.0 cm	9.25 cm	USGS 2014
Avon, Town of; Braintree, Town of; Canton, Town of; Cohasset, Town of; Holbrook, Town of; Norwood, Town of; Randolph, Town of; Sharon, Town of; Stoughton, Town of; Walpole, Town of; Westwood, Town of; Weymouth, Town of	All sources in lidar project area studied or redelineated in 2021 Cape Cod Watershed revision (mostly inland) and 2022 Charles Watershed revision (inland southern watershed fringe) except Beaver Meadow Brook (detailed), Blue Hill River (uppermost portion), Canton River, Lower Pequid Brook, Massapoag Brook (Canton), Ponkapoag Brook (detailed), Steep Hill Brook Tributary B, and Upper Pequid Brook (detailed)	Lidar	8.5 cm	16.6 cm	USGS 2011
Bellingham, Town of; Dover, Town of; Foxborough, Town of; Franklin, Town of; Medfield, Town of; Medway, Town of; Millis, Town of; Norfolk, Town of; Plainville, Town of; Sharon, Town of; Stoughton, Town of; Walpole, Town of; Wellesley, Town of; Wrentham, Town of	Sevenmile River, Ten Mile River, Wading River, Whiting Pond Bypass, and all reaches in lidar project area redelineated in 2015 Narragansett Watershed revision; all sources in lidar project area studied or redelineated in 2022 Charles Watershed revision (southwestern half of county) and in 2022 Blackstone Watershed revision	Lidar	8.5 cm	16.6 cm	FEMA 2011

Table 22: Summary of Topographic Elevation Data used in Mapping

Community	Flooding Source	Source for Topographic Elevation Data			
		Description	Vertical Accuracy	Horizontal Accuracy	Citation
Canton, Town of	Beaver Meadow Brook (detailed), Blue Hill River (uppermost portion), Canton River, Lower Pequid Brook, Massapoag Brook (Canton), Ponkapoag Brook (detailed), Steep Hill Brook Tributary B, Upper Pequid Brook (detailed)	Lidar	0.071 m RMSE	1 m	MassGIS 2011
Quincy, City of	Coastal flooding in 2014 Quincy coastal revision	Lidar	2 ft	N/A	USGS 2009
Wrentham, Town of	Flooding sources studied with detailed methods and not revised or redelineated since pre-countywide study	Topographic maps	5 ft	1:2,400	Quinn 1979a
Sharon, Town of	Flooding sources studied with detailed methods and not revised or redelineated since pre-countywide study	Topographic maps	4 ft	1:2,400	Teledyne 1976
Stoughton, Town of	Flooding sources studied with detailed methods and not revised or redelineated since pre-countywide study	Topographic maps	2 ft	1:2,000	Maguire 1976
Avon, Town of	Flooding sources studied with detailed methods and not revised or redelineated since pre-countywide study	Topographic maps	10 ft	1:24,000	USGS 1970a
Foxborough, Town of	Flooding sources studied with detailed methods and not revised or redelineated since pre-countywide study	Topographic maps	10 ft	1:24,000	USGS 1964a
Plainville, Town of	Flooding sources studied with detailed methods and not revised or redelineated since pre-countywide study	Topographic maps	10 ft	1:12,000	USGS 1964b

BFEs shown at cross sections on the FIRM represent the 1% annual chance water surface elevations shown on the Flood Profiles and in the Floodway Data tables in the FIS Report. Rounded whole-foot elevations may be shown on the FIRM in coastal areas, areas of ponding, and other areas with static base flood elevations.

Table 23: Floodway Data

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	325	35	150	1.4	190.0	188.8 ²	188.9	0.1
B	1,160	50	209	1.0	190.0	188.9 ²	189.2	0.3
C	2,131	89	244	0.9	190.0	189.0 ²	189.7	0.7
D	2,571	51	134	1.6	190.0	189.2 ²	190.1	0.9
E	3,543	47	82	2.6	191.8	191.8	192.3	0.5
F	3,670	51	156	1.4	195.1	195.1	195.1	0.0
G	4,163	48	133	1.6	195.1	195.1	195.5	0.4
H	4,205	61	61	3.4	199.0	199.0	199.0	0.0
I	5,403	59	200	1.1	202.6	202.6	202.6	0.0

¹Feet above confluence with Peters River

²Elevation computed without consideration of backwater effects from Peters River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: ARNOLDS 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	100	113	635	0.6	207.6	208.6	208.5	0.9
B	366	208	1,413	0.3	208.7	208.7	209.6	0.9
C	1,360	10	75	5.2	208.9	208.9	209.8	0.9
D	2,055	10	94	3.9	209.9	209.9	210.9	1.0
E	2,713	10	99	3.8	210.8	210.8	211.8	1.0
F	3,610	1,022	6,283	0.0	212.7	212.7	213.7	1.0
G	5,600	881	7,330	0.0	212.7	212.7	213.7	1.0
H	6,900	3	26	8.2	212.7	212.7	213.7	1.0

¹Feet above confluence with Brockton Reservoir

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BEAVER BROOK (TOWN OF AVON)

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	115	55	142	1.1	219.7	213.8 ²	214.8	1.0
B	660	*	94	1.7	219.7	214.2 ²	215.1	0.9
C	825	*	213	0.8	220.3	220.3	220.3	0.0
D	2,575	*	89	1.8	220.3	220.3	220.7	0.4
E	3,990	*	110	1.3	220.3	220.3	221.2	0.9
F	4,125	*	164	0.9	221.1	221.1	221.3	0.2
G	5,870	*	51	2.8	224.3	224.3	225.1	0.8
H	7,948	*	112	1.3	236.0	236.0	236.6	0.6
I	8,015	*	342	0.4	236.0	236.0	236.6	0.6
J	8,378	*	833	0.2	237.6	237.6	237.6	0.0

¹Feet above confluence with Charles River

²Elevation computed without consideration of backwater effects from Charles River

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BEAVER BROOK (TOWN OF BELLINGHAM)

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	2,680	590	1,865	0.7	161.2	161.2	162.2	1.0
B	2,800	660	2,340	0.6	161.6	161.6	162.6	1.0
C	5,200	55	215	2.3	164.1	164.1	165.1	1.0
D	5,373	25	145	3.4	167.7	167.7	168.7	1.0
E	5,823	75	315	1.6	168.0	168.0	169.0	1.0
F	7,643	55	90	5.4	182.0	182.0	183.0	1.0
G	9,175	75	255	2.0	195.2	195.2	196.2	1.0
H	9,675	60	170	3.0	195.7	195.7	196.7	1.0
I	10,414	25	135	3.7	201.0	201.0	202.0	1.0

¹Feet above Cushing Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BEAVER BROOK (TOWN OF HOLBROOK)

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	3,400	35	65	2.8	203.8	203.8	204.8	1.0
B	3,495	72	22	0.8	204.0	204.0	205.0	1.0
C	3,585	4	64	2.8	216.3	216.3	217.3	1.0
D	3,717	225	1,922	0.1	216.3	216.3	217.3	1.0
E	4,324	477	5,796	0.1	216.3	216.3	217.3	1.0
F	5,010	525	4,480	0.1	216.3	216.3	217.3	1.0
G	5,216	128	1,762	0.1	216.3	216.3	217.3	1.0
H	6,014	448	4,100	0.1	216.3	216.3	217.3	1.0
I	6,732	504	6,203	0.1	216.3	216.3	217.3	1.0

¹Feet above Maskwonicut Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BEAVER BROOK (TOWN OF SHARON)

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	50	129	5.8	106.1	104.4 ²	105.4	1.0
B	700	40	110	6.8	113.3	113.3	113.4	0.1
C	910	100	131	5.7	115.3	115.3	115.3	0.0
D	1,230	100	170	4.4	124.3	124.3	124.5	0.2
E	1,291	100	1,561	0.5	135.2	135.2	135.5	0.3
F	1,507	75	144	5.2	135.8	135.8	135.8	0.0
G	1,835	40	321	2.3	136.2	136.2	136.9	0.7
H	2,024	10	100	7.5	142.2	142.2	142.2	0.0
I	3,150	50	220	3.4	150.6	150.6	150.8	0.2

¹Feet above confluence with Bolivar Pond

²Elevation computed without consideration of backwater effects from Bolivar Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BEAVER 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	9,488	6	10	7.9	255.6	255.6	255.9	0.3
B	9,615	10	38	2.1	256.2	256.2	257.2	1.0
C	10,560	28	74	1.1	257.2	257.2	258.2	1.0
D	10,798	35	108	0.7	259.2	259.2	260.1	0.9
E	10,856	33	96	0.8	259.2	259.2	260.2	1.0
F	11,209	697	1,401	0.1	262.3	262.3	262.4	0.1
G	11,447	180	968	0.1	262.3	262.3	263.3	1.0
H	11,616	145	644	0.1	263.7	263.7	264.6	0.9
I	11,774	398	1,748	0.1	263.7	263.7	264.6	0.9
J	11,880	460	1,977	0.1	263.7	263.7	264.6	0.9
K	12,070	544	2,598	0.1	263.7	263.7	264.6	0.9

¹Feet above confluence with Gavins Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BILLINGS 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	1,584	28	80	1.2	235.2	235.2	236.2	1.0
B	1,795	355	2,275	0.1	240.4	240.4	241.4	1.0
C	2,482	111	459	0.2	240.4	240.4	241.4	1.0
D	3,115	19	17	5.5	243.7	243.7	243.7	0.0
E	3,326	15	39	2.5	247.4	247.4	247.8	0.4
F	3,606	13	16	5.9	249.3	249.3	249.3	0.0
G	3,765	35	238	0.4	258.5	258.5	258.5	0.0

¹Feet above confluence with Billings Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BILLINGS BROOK BRANCH

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	14,456	80	779	1.3	130.2	130.2	130.2	0.0
B	17,016	40	306	3.3	130.5	130.5	130.9	0.4
C	19,152	40	259	3.9	133.9	133.9	134.6	0.7
D	21,012	60	497	2.0	137.8	137.8	138.3	0.5
E	24,053	160	1,529	0.6	142.7	142.7	143.0	0.3
F	29,446	160	1,487	0.6	142.7	142.7	143.2	0.5
G	32,681	100	596	1.5	142.9	142.9	143.5	0.6
H	33,731	60	280	3.2	143.3	143.3	143.7	0.4

¹Feet above confluence with Charles River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BOGASTOW 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	50	80	1.0	116.0	116.0	117.0	1.0
B	158	25	90	0.9	116.0	116.0	117.0	1.0
C	211	5	15	5.6	116.0	116.0	116.8	0.8
D	264	5	15	4.9	117.6	117.6	117.9	0.3
E	317	50	110	0.7	118.2	118.2	118.4	0.2
F	634	10	50	1.4	118.2	118.2	118.5	0.3
G	686	5	10	5.5	118.2	118.2	118.5	0.3
H	845	5	10	7.3	118.3	118.3	118.7	0.4
I	898	30	60	1.1	119.4	119.4	119.5	0.1
J	1,003	40	15	3.2	123.5	123.5	123.5	0.0
K	1,056	10	10	3.8	125.0	125.0	125.1	0.1
L	1,162	10	15	2.5	126.0	126.0	126.1	0.1
M	1,214	40	120	0.4	126.1	126.1	126.2	0.1
N	1,584	10	5	4.3	128.4	128.4	128.4	0.0
O	1,637	5	3	8.7	129.3	129.3	129.3	0.0
P	1,901	5	5	4.3	131.9	131.9	131.9	0.0
Q	1,954	10	30	0.9	132.2	132.2	132.2	0.0
R	2,112	10	15	1.9	132.2	132.2	132.3	0.1

¹Feet above confluence with Glovers Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BROOK A (STETSON 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	180	510	0.1	132.1	132.1	132.1	0.0
B	16	180	520	0.1	132.1	132.1	132.1	0.0
C	79	180	520	0.1	132.1	132.1	132.1	0.0
D	333	55	70	0.7	132.2	132.2	132.2	0.0
E	1,262	15	10	3.3	134.6	134.6	134.9	0.3
F	1,309	15	20	1.5	135.1	135.1	135.7	0.6
G	1,832	15	70	0.4	141.3	141.3	141.3	0.0
H	1,880	15	70	0.4	141.3	141.3	141.3	0.0
I	2,270	15	60	0.4	141.3	141.3	141.3	0.0
J	2,450	10	20	1.0	141.3	141.3	141.4	0.1
K	2,529	10	20	1.0	141.8	141.8	141.8	0.0
L	2,640	85	220	0.1	142.7	142.7	142.7	0.0
M	2,920	40	65	0.3	142.7	142.7	142.8	0.1
N	3,590	5	2	6.5	145.2	145.2	145.6	0.4

¹Feet above confluence with Upper Reservoir

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

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	-15	300	1,911	0.4	161.4	161.4	161.5	0.1
B	15	300	1,930	0.4	161.7	161.7	161.8	0.1
C	2,265	90	463	1.0	161.8	161.8	161.8	0.0
D	2,665	70	289	1.5	161.9	161.9	161.9	0.0
E	3,065	770	1,258	0.4	162.1	162.1	162.1	0.0
F	3,295	900	287	1.5	163.8	163.8	164.0	0.2
G	4,315	70	112	3.0	166.3	166.3	166.5	0.2
H	4,365	40	158	2.2	166.4	166.4	167.4	1.0
I	4,615	30	85	4.0	167.3	167.3	167.8	0.5
J	4,865	20	41	8.2	171.4	171.4	171.4	0.0

¹Feet above Mirimichi Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: 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	4,970	18	29	3.4	145.0	145.0	145.1	0.1
B	5,460	6	12	8.1	151.8	151.8	152.2	0.4
C	5,990	8	13	7.4	157.9	157.9	158.4	0.5
D	7,395	17	42	2.3	167.0	167.0	168.0	1.0
E	8,720	8	17	5.9	169.2	169.2	169.5	0.3
F	10,020	13	42	4.5	205.5	205.5	205.9	0.4
G	10,745	4	8	8.4	227.9	227.9	228.2	0.3

¹Feet above Willett Pond Dam

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BUBBLING 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	20	120	1,106	0.5	190.3	190.1 ²	191.0	0.9
B	457	170	1,531	0.3	190.3	190.1 ²	191.0	0.9
C	978	77	648	0.7	190.3	190.1 ²	191.0	0.9
D	2,195	90	713	0.6	190.3	190.1 ²	191.1	1.0
E	2,325	103	609	0.7	190.3	190.1 ²	191.1	1.0
F	2,358	*	1,625	0.3	190.3	190.1 ²	191.1	1.0
G	2,495	213	1,628	0.3	190.3	190.1 ²	191.1	1.0
H	2,650	177	1,112	0.4	190.3	190.1 ²	191.1	1.0
I	2,845	145	937	0.4	190.3	190.2 ²	191.1	0.9
J	3,363	89	506	0.9	190.3	190.2 ²	191.1	0.9
K	4,557	67	232	1.7	190.3	190.3	191.3	1.0
L	4,655	77	255	1.5	190.6	190.6	191.4	0.8
M	5,888	256	692	0.6	191.2	191.2	191.9	0.7
N	6,545	50	76	5.1	192.8	192.8	192.8	0.0
O	6,745	63	78	5.0	195.8	195.8	195.9	0.1
P	8,205	20	140	2.8	203.3	203.3	203.9	0.6

¹Feet above confluence with Peters River

²Elevation computed without consideration of backwater effects from Peters River

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BUNGAY 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	2,000	32	128	2.9	235.6	235.6	235.8	0.2
B	3,380	55	182	2.0	237.9	237.9	238.1	0.2
C	5,140	36	109	3.4	241.1	241.1	241.4	0.3
D	5,310	123	370	1.0	243.7	243.7	243.7	0.0
E	6,530	89	183	2.0	243.7	243.7	244.7	1.0
F	7,600	43	157	2.1	247.0	247.0	247.8	0.8
G	7,780	12	77	4.3	247.7	247.7	247.8	1.0
H	8,700	170	488	0.7	247.8	247.8	248.6	0.8
I	10,550	76	115	2.9	248.5	248.5	249.3	0.8
J	10,890	15	37	8.9	249.9	249.9	249.9	0.0
K	11,660	60	114	2.5	255.9	255.9	255.9	0.0
L	11,900	111	663	0.4	262.2	262.2	262.2	0.0
M	13,250	50	610	4.8	263.6	263.6	264.1	0.5

¹Feet above Sumner Brown Road

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: BURNT SWAMP 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	-1,300	22	45	5.2	160.6	160.6	161.6	0.1
B	-50	24	90	2.6	170.2	170.2	170.6	0.4
C	1,840	22	56	4.1	189.0	189.0	189.4	0.4
D	2,630	191	566	0.4	197.9	197.9	198.2	0.3
E	3,850	15	48	5.2	203.3	203.3	204.3	1.0

¹Feet above East Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CANOE RIVER (TOWN OF FOXBOROUGH)

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	10,050	17	31	3.6	236.0	236.0	237.0	1.0
B	11,053	45	102	1.1	241.0	241.0	241.4	0.4
C	12,056	18	27	4.2	245.2	245.2	246.0	0.8
D	13,060	150	178	0.6	249.9	249.9	250.0	0.3

¹Feet above East Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CANOE RIVER (TOWN OF SHARON)

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	376	656	2,428	0.7	47.0	44.3 ²	45.3	1.0
B	5,598	427	837	2.1	47.0	45.4 ²	46.4	1.0
C	8,962	313	1,006	1.7	49.8	49.8	50.8	1.0
D	9,442	37	220	7.9	51.5	51.5	52.4	0.9
E	9,828	58	275	6.3	54.9	54.9	55.7	0.8
F	10,134	63	509	3.4	59.6	59.6	59.6	0.0
G	10,211	130	863	2.0	66.6	66.6	66.8	0.2
H	11,478	82	342	5.1	67.1	67.1	67.4	0.3
I	11,731	69	202	8.6	68.1	68.1	68.2	0.1
J	11,921	70	222	7.8	70.0	70.0	70.0	0.0
K	12,516	133	455	3.8	72.5	72.5	73.4	0.9
L	12,713	101	382	4.5	75.0	75.0	75.6	0.6
M	12,921	265	818	2.1	81.1	81.1	81.1	0.0
N	13,213	76	350	5.0	81.3	81.3	81.3	0.0
O	13,365	39	154	11.3	82.7	82.7	82.7	0.0
P	13,523	75	359	4.8	86.8	86.8	87.0	0.2
Q	13,792	30	178	9.7	87.1	87.1	87.9	0.8
R	13,918	42	329	5.3	91.9	91.9	91.9	0.0
S	13,974	52	332	5.2	94.2	94.2	94.2	0.0

¹Feet above confluence with Neponset River

²Elevation computed without consideration of backwater effects from Neponset River

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

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION ²	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CK	56,239	261/51 ³	1,760	2.1	41.5	41.5	42.5	1.0
CL	56,544	218/89 ³	1,731	2.2	41.6	41.6	42.6	1.0
CM	57,636	198/85 ³	1,379	2.7	42.0	42.0	43.0	1.0
CN	58,650	111/41 ³	1,029	3.7	42.6	42.6	43.4	0.8
CO	59,054	156/77 ³	1,370	2.8	43.2	43.2	43.8	0.6
CP	59,662	121/56 ³	900	4.2	43.4	43.4	44.0	0.6

¹Feet above Concord Street

²Cross sections A-CK (Middlesex County, Massachusetts) in floodway data tables for other counties

³Width/width within Norfolk County

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CHARLES 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	365	36	141	4.9	170.8	166.4 ²	166.4	0.0
B	470	38	353	2.0	172.0	172.0	172.5	0.5
C	579	50	383	1.8	173.1	173.1	173.6	0.5
D	667	79	699	1.0	173.1	173.1	174.0	0.9
E	1,093	48	438	1.6	173.1	173.1	174.0	0.9
F	1,171	132	906	0.8	173.2	173.2	174.2	1.0
G	1,710	124	775	0.9	173.2	173.2	174.2	1.0
H	1,804	150	776	0.9	173.8	173.8	174.7	0.9
I	2,518	139	950	0.7	173.8	173.8	174.7	0.9
J	3,219	26	87	8.0	173.8	173.8	174.5	0.7
K	3,292	133	266	2.6	178.9	178.9	178.9	0.0
L	3,386	101	232	3.0	179.3	179.3	179.4	0.1
M	3,438	91	186	3.7	179.3	179.3	179.5	0.2
N	3,655	118	602	1.2	187.6	187.6	187.6	0.0
O	3,743	108	529	1.3	187.6	187.6	187.6	0.0
P	3,826	40	345	2.0	189.3	189.3	189.9	0.6
Q	3,991	35	265	2.6	189.3	189.3	189.9	0.6
R	4,038	26	176	3.9	190.0	190.0	190.3	0.3
S	4,039	25	176	3.9	190.0	190.0	190.3	0.3
T	4,122	181	1,115	0.6	193.0	193.0	193.5	0.5
U	4,557	348	2,561	0.3	193.1	193.1	193.5	0.4

¹Feet above confluence with Charles River

²Elevation computed without consideration of backwater effects from Charles River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CHICKEN 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	4,887	114	511	1.4	194.3	194.3	195.2	0.9
W	6,081	44	95	7.3	198.8	198.8	199.0	0.2
X	6,267	22	68	10.2	200.8	200.8	200.8	0.0
Y	6,698	55	168	4.1	204.4	204.4	204.4	0.0
Z	6,752	45	165	4.2	204.6	204.6	204.6	0.0
AA	6,897	188	1,002	0.7	206.0	206.0	206.0	0.0
AB	8,998	80	314	2.2	206.2	206.2	206.2	0.0
AC	9,276	125	287	2.4	206.4	206.4	206.4	0.0
AD	10,194	133	693	0.8	212.9	212.9	213.5	0.6
AE	10,758	299	2,040	0.3	212.9	212.9	213.5	0.6
AF	12,911	220	1,213	0.4	212.9	212.9	213.5	0.6
AG	14,290	54	198	2.5	212.9	212.9	213.5	0.6
AH	14,775	169	583	0.8	213.7	213.7	214.2	0.5
AI	15,275	60	274	1.8	213.8	213.8	214.3	0.5
AJ	15,591	221	661	0.7	216.1	216.1	216.1	0.0
AK	16,163	97	377	1.3	216.2	216.2	216.2	0.0
AL	17,727	86	182	2.7	216.5	216.5	217.4	0.9
AM	18,308	141	420	1.2	217.6	217.6	217.9	0.3
AN	19,087	94	133	2.7	217.9	217.9	218.1	0.2
AO	19,209	216	313	1.2	219.2	219.2	219.2	0.0
AP	19,242	200	913	0.4	219.2	219.2	219.2	0.0

¹Feet above confluence with Charles River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CHICKEN 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	19,257	201	914	0.4	219.2	219.2	219.2	0.0
AR	19,318	170	720	0.5	219.2	219.2	219.2	0.0
AS	19,346	114	425	0.9	219.2	219.2	219.2	0.0
AT	19,381	229	382	1.0	219.2	219.2	219.2	0.0
AU	19,549	25	47	7.8	219.4	219.4	219.4	0.0
AV	19,607	22	58	6.3	220.1	220.1	220.1	0.0
AW	19,691	82	168	2.2	220.8	220.8	220.8	0.0

¹Feet above confluence with Charles River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CHICKEN 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	750	30	52	3.1	126.7	126.7	127.7	1.0
B	1,220	190	2,014	0.1	141.9	141.9	142.9	1.0
C	4,060	16	60	2.7	143.3	143.3	144.3	1.0
D	4,365	58	329	0.5	146.1	146.1	147.1	1.0
E	6,640	9	46	3.6	150.2	150.2	151.2	1.0

¹Feet above confluence with Neponset River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: COBB'S 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
Cochato River								
A	1,774	700	4,387	0.9	104.4	104.4	105.3	0.9
B	3,391	1100	5,375	0.9	104.4	104.4	105.4	1.0
C	3,584	1264	5,531	0.6	104.4	104.4	105.4	1.0
D	5,193	2631	10,069	7.0	104.5	104.5	105.4	0.9
E	6,047	1524	4,239	1.6	104.6	104.6	105.5	0.9
F	7,477	889	3,471	1.7	106.6	106.6	106.9	0.3
G	8,850	680	2,522	2.2	107.0	107.0	107.2	0.2
H	9,250	740	2,525	2.0	107.1	107.1	107.3	0.2
I	9,750	830	1,668	3.6	107.3	107.3	107.5	0.2
J	*	*	*	0.0	108.2	108.2	*	*
K	16,118	266	1,690	0.6	116.0	116.0	116.2	0.2
L	16,673	59	239	7.1	116.5	116.5	116.9	0.4
M	16,986	64	344	5.6	117.4	117.4	118.1	0.7
N	17,179	61	328	5.0	117.8	117.8	118.6	0.8
O	18,480	255	2,075	1.2	126.1	126.1	126.4	0.3
P	18,728	349	2,855	1.0	126.1	126.1	126.4	0.3
Q	18,973	254	1,778	1.4	126.1	126.1	126.4	0.3
R	19,235	150	911	2.4	126.1	126.1	126.4	0.3
S	19,516	150	1,137	1.8	126.2	126.2	127.0	0.8
T	20,535	226	1,673	1.5	126.2	126.2	127.1	0.9

¹Feet above confluence with Monaquot River

*Administrative floodway

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: COCHATO RIVER AND TROUT 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
Cochato River								
U	21,801	218	1,536	1.9	126.3	126.3	127.2	0.9
V	22,593	441	2,010	2.0	126.5	126.5	127.3	0.8
Trout Brook								
W	27,315	595	3,119	0.5	131.5	131.5	132.5	1.0
X	29,020	100	600	2.4	132.0	132.0	133.0	1.0
Y	31,925	134	638	2.3	136.1	136.1	137.1	1.0

¹Feet above confluence with Monaquot River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: COCHATO RIVER AND TROUT 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	1,760	40	125	2.0	144.8	144.8	145.4	0.6
B	3,050	250	723	0.3	144.9	144.9	145.8	0.9
C	5,080	210	568	0.4	145.0	145.0	146.0	1.0

¹Feet above confluence with Mill River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CRESS 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	1,700	46	140	1.0	205.3	205.3	206.3	1.0
B	3,125	20	50	3.0	206.5	206.5	207.3	0.8
C	4,155	49	150	0.9	207.3	207.3	208.2	0.9
D	4,425	23	96	1.4	209.6	209.6	209.8	0.2
E	5,480	11	64	1.9	209.6	209.6	210.2	0.6

¹Feet above Crocker Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CROCKER 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	400	30	152	1.4	37.7	37.7	38.6	0.9
B	1,350	30	134	1.5	37.8	37.8	38.8	1.0
C	1,800	20	86	2.4	37.8	37.8	38.8	1.0

¹Feet above confluence with Furnace Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: CUNNINGHAM 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	350	38	155	2.5	134.5	134.5	135.5	1.0
B	1,305	33	131	2.9	137.7	137.7	138.7	1.0
C	1,705	46	275	1.4	139.5	139.5	140.5	1.0
D	3,120	138	411	0.9	140.2	140.2	141.2	1.0
E	3,570	36	133	2.9	141.1	141.1	142.1	1.0
F	3,996	310	1,539	0.9	153.6	153.6	154.6	1.0
G	4,850	217	1,328	0.9	157.9	157.9	158.9	1.0
H	5,480	40	189	1.8	158.3	158.3	159.3	1.0
I	7,790	58	261	1.3	178.8	178.8	179.8	1.0

¹Feet above confluence with Neponset River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: DIAMOND 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	3,300	135	227	1.6	179.1	179.1	180.1	1.0
B	4,060	64	135	2.6	182.1	182.1	182.1	1.0
C	5,230	50	143	2.2	186.6	186.6	187.0	0.4
D	5,980	32	187	3.6	189.5	189.5	189.5	0.0
E	6,605	6	26	11.9	191.4	191.4	191.4	0.0

¹Feet above Union Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: DORCHESTER 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	1,500	350	2,327	0.6	104.4	104.4	105.4	1.0
B	2,820	300	2,118	0.6	105.1	105.1	106.1	1.0
C	4,480	101	219	6.2	106.0	106.0	106.0	0.0
D	5,700	257	989	1.4	108.9	108.9	108.9	0.0
E	5,940	175	747	1.8	109.9	109.9	110.1	0.2
F	7,080	152	812	1.7	115.4	115.4	116.0	0.6
G	7,720	70	353	3.9	118.7	118.7	118.7	0.0
H	8,910	75	370	3.7	119.3	119.3	119.4	0.1
I	9,130	300	1,158	1.2	119.5	119.5	119.6	0.1
J	13,630	300	1,125	1.2	119.9	119.9	120.5	0.6
K	13,800	400	1,450	0.9	120.0	120.0	120.6	0.6

¹Feet above confluence with Monaquot River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FARM 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	116	100	500	2.0	10.9	5.5 ²	5.5	0.0
B	1,046	29	95	10.3	10.9	9.8 ²	9.8	0.0
C	1,209	33	280	3.9	15.6	15.6	15.6	0.0
D	1,601	27	199	4.9	15.8	15.8	15.9	0.1
E	1,814	61	400	2.4	16.9	16.9	17.8	0.9
F	1,915	40	372	2.5	17.0	17.0	17.8	0.8
G	2,645	90	389	2.3	17.2	17.2	18.0	0.8
H	3,503	89	132	6.9	19.0	19.0	19.0	0.0
I	3,759	63	228	4.0	25.3	25.3	25.9	0.6
J	4,049	41	373	2.4	26.8	26.8	27.7	0.9
K	4,776	25	86	10.6	28.8	28.8	28.8	0.0
L	4,894	150	826	1.1	32.4	32.4	32.7	0.3
M	5,855	80	359	2.5	32.9	32.9	33.2	0.3
N	7,230	75	137	4.7	35.4	35.4	35.9	0.5
O	7,410	70	125	4.2	36.8	36.8	37.7	0.9
P	7,660	85	301	1.7	37.6	37.6	38.4	0.8
Q	9,490	25	141	1.2	38.0	38.0	38.7	0.7
R	10,540	45	138	1.3	38.7	38.7	39.5	0.8
S	10,770	35	123	1.4	39.3	39.3	40.0	0.7
T	11,350	11	47	3.7	42.4	42.4	42.7	0.3
U	12,910	*	86	2.0	49.4	49.4	50.2	0.8

¹Feet above Furnace Brook Parkway

²Elevation computed without consideration of backwater effects from Town River Bay

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FURNACE 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	13,730	*	51	3.4	49.4	49.4	50.3	0.9
W	13,840	*	15	11.4	50.4	50.4	51.3	0.9
X	14,470	10	30	5.7	70.3	70.3	71.2	0.9
Y	14,660	60	43	4.0	71.8	71.8	71.8	0.0
Z	14,850	30	81	2.1	74.3	74.3	75.0	0.7
AA	15,610	10	28	6.2	79.9	79.9	80.7	0.8

¹Feet above Furnace Brook Parkway

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: FURNACE 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	359	22	66	5.8	110.2	108.2 ²	109.2	1.0
B	655	30	91	4.2	112.8	112.8	112.8	0.0
C	1,484	18	71	5.4	117.4	117.4	117.7	0.3
D	1,753	74	241	1.6	118.7	118.7	119.3	0.6
E	2,402	23	52	7.4	126.9	126.9	126.9	0.0
F	2,920	32	72	4.1	136.2	136.2	137.1	0.9
G	4,161	18	60	4.9	146.8	146.8	147.5	0.7
H	4,298	17	56	5.4	148.5	148.5	148.5	0.0
I	4,435	83	283	1.1	149.2	149.2	149.3	0.1
J	4,905	113	82	3.7	150.8	150.8	150.8	0.0
K	5,005	14	56	5.3	152.3	152.3	152.4	0.1
L	5,143	33	70	4.3	153.2	153.2	153.3	0.1

¹Feet above confluence with Hawes Brook

²Elevation computed without consideration of backwater effects from Hawes Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GERMANY 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	1,162	20	25	5.0	108.6	108.6	108.8	0.2
B	1,954	25	75	2.1	111.4	111.4	112.3	0.9
C	2,165	10	20	7.8	114.3	114.3	114.3	0.0
D	2,244	10	30	3.9	115.5	115.5	115.9	0.4
E	2,323	10	40	3.4	115.8	115.8	116.1	0.3
F	2,429	40	130	0.7	115.9	115.9	116.3	0.4
G	2,851	5	10	7.5	116.8	116.8	116.9	0.1
H	2,930	5	10	6.4	118.4	118.4	118.4	0.0
I	3,010	10	40	1.8	119.6	119.6	119.6	0.0
J	3,590	15	10	5.0	129.8	129.8	130.0	0.2
K	4,594	10	10	3.5	153.5	153.5	153.5	0.4
L	4,673	5	10	3.5	154.8	154.8	154.9	0.1
M	4,805	5	10	4.2	156.1	156.1	156.4	0.3
N	6,178	5	5	4.9	171.7	171.7	171.7	0.0
O	6,230	5	10	3.6	172.2	172.2	172.2	0.0
P	6,706	5	10	3.2	176.0	176.0	176.6	0.6
Q	7,128	10	10	2.8	179.8	179.8	179.8	0.0

¹Feet above confluence with Cochato River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: GLOVERS 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	898	58	366	3.7	63.0	63.0	63.8	0.8
B	1,045	46	290	4.6	63.5	63.5	64.5	1.0
C	1,188	180	727	1.9	64.2	64.2	64.9	0.7
D	2,080	101	236	5.6	67.2	67.2	67.2	0.0
E	3,252	17	97	13.8	74.5	74.5	74.6	0.1
F	3,638	100	992	1.3	80.4	80.4	80.6	0.2
G	3,912	68	514	2.6	80.4	80.4	80.7	0.3
H	4,124	38	325	4.1	80.7	80.7	80.9	0.2
I	4,203	38	330	4.0	80.9	80.9	81.0	0.1
J	4,594	133	933	1.4	81.5	81.5	81.8	0.3
K	4,694	79	508	2.6	81.9	81.9	81.9	0.0
L	4,847	156	461	2.9	81.9	81.9	82.2	0.3
M	5,238	80	252	5.3	85.1	85.1	85.1	0.0
N	5,454	90	194	6.9	91.1	91.1	91.1	0.0
O	5,945	69	431	3.1	94.9	94.9	95.8	0.9
P	6,204	139	1,640	0.8	100.6	100.6	100.6	0.0
Q	6,347	320	1,533	0.8	100.6	100.6	100.6	0.0
R	6,415	316	2,479	0.5	110.0	110.0	110.5	0.5
S	7,366	307	3,077	0.4	110.0	110.0	110.5	0.5
T	8,511	63	169	7.1	114.9	114.9	115.8	0.9
U	9,261	160	655	1.8	117.6	117.6	118.3	0.7

¹Feet above confluence with Neponset River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: HAWES 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	9,361	71	229	5.3	122.7	122.7	122.7	0.0
W	9,472	120	797	1.5	123.2	123.2	123.3	0.1
X	10,037	95	177	6.8	133.0	133.0	133.2	0.2

¹Feet above confluence with Neponset River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: HAWES 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	85	40	263	0.8	201.4	201.4	202.0	0.6
B	585	40	244	0.9	201.4	201.4	202.1	0.7
C	655	55	337	0.6	204.1	204.1	204.9	0.8
D	1,535	55	387	0.5	204.1	204.1	204.9	0.8
E	1,950	55	312	0.7	204.1	204.1	204.9	0.8
F	2,365	55	266	0.8	204.1	204.1	205.0	0.9
G	2,765	55	168	1.3	204.1	204.1	205.1	1.0
H	3,065	40	49	4.3	205.8	205.8	206.0	0.2
I	3,095	40	38	5.6	210.3	210.3	210.3	0.0

¹Feet above Turnpike Lake

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: HAWTHORNE 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	478	3,371	0.4	11.2	10.0 ²	11.0	1.0
B	700	105	1,057	1.1	11.2	10.0 ²	11.0	1.0
C	950	150	976	1.2	11.2	10.1 ²	11.1	1.0
D	1,300	55	622	1.9	11.2	11.0 ²	11.9	0.9
E	2,400	20	96	12.3	15.6	15.6	16.4	0.8
F	2,750	100	645	1.7	24.3	24.3	24.9	0.6
G	2,900	151	682	1.6	27.5	27.5	27.5	0.0
H	3,750	63	306	3.4	30.0	30.0	31.0	1.0
I	4,100	27	97	10.8	34.2	34.2	34.2	0.0
J	4,450	12	83	12.6	40.0	40.0	41.0	1.0

¹Feet above confluence with Weymouth Back River

²Elevation computed without consideration of backwater effects from Weymouth Harbor

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: HERRING 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	106	176	408	6.4	182.9	175.8 ²	175.8	0.0
B	264	197	448	6.0	182.9	176.2 ²	176.4	0.2
C	407	242	1,358	2.1	182.9	181.4 ²	181.4	0.0
D	1,690	52	176	9.3	182.9	181.7 ²	182.6	0.8
E	1,795	70	471	4.5	186.6	186.6	186.6	0.0
F	2,270	40	275	4.1	186.8	186.8	187.2	0.4
G	2,376	60	298	2.3	187.0	187.0	187.4	0.4
H	2,761	90	365	2.5	187.2	187.2	187.8	0.6
I	3,189	50	374	2.4	192.1	192.1	192.3	0.2
J	3,928	60	327	2.8	192.3	192.3	193.1	0.8
K	4,668	109	191	4.7	195.4	195.4	195.5	0.1
L	6,230	96	368	2.4	203.3	203.3	203.7	0.4
M	6,410	120	837	1.1	208.2	208.2	208.2	0.0
N	6,954	95	677	1.3	208.2	208.2	208.4	0.2
O	7,714	75	216	4.2	208.3	208.3	209.2	0.9
P	8,591	150	510	1.8	212.3	212.3	213.1	0.9
Q	9,831	280	1,067	0.8	214.3	214.3	215.2	0.9
R	10,058	435	2,172	0.4	216.4	216.4	215.4	0.0
S	10,618	200	731	1.2	216.5	216.5	216.7	0.2
T	11,136	108	462	1.9	217.2	217.2	218.2	1.0
U	11,658	170	585	1.5	219.3	219.3	220.3	1.0

¹Feet above confluence with Charles River

²Elevation computed without consideration of backwater effects from Charles River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: HOPPING 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	3,358	11	30	5.3	10.0	10.0	10.0	0.0
B	3,458	94	392	0.4	10.2	10.2	10.6	0.4
C	4,161	16	23	6.9	11.9	11.9	11.9	0.0
D	4,958	3	14	11.7	15.0	15.0	15.0	0.0

¹Feet above confluence with Cohasset Cove

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: JAMES 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	111	3	9	12.1	45.9	45.9	45.9	0.0
B	1,304	2	9	11.6	55.6	55.6	55.6	0.0
C	1,457	15	68	1.6	55.6	55.6	55.9	0.3
D	1,837	11	57	1.9	57.3	57.3	57.3	0.0
E	1,964	27	132	0.8	57.3	57.3	57.3	0.0
F	2,503	36	222	0.5	61.8	61.8	61.8	0.0
G	2,809	27	152	0.7	61.8	61.8	61.8	0.0

¹Feet above confluence with Lily Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: LILY POND STREAM

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	1,850	125	796	0.4	159.3	159.3	160.3	1.0
B	3,250	178	834	0.2	161.8	161.8	162.8	1.0
C	5,450	102	469	0.6	168.2	168.2	169.2	1.0

¹Feet above confluence with Stop River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MANN POND LATERAL

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	2,761	25	30	1.1	112.4	112.4	112.4	0.0
B	3,015	5	10	5.0	112.7	112.7	113.3	0.6
C	3,284	5	15	2.3	114.2	114.2	115.1	0.9
D	3,765	10	20	1.5	116.0	116.0	116.4	0.4
E	5,206	10	10	3.9	128.7	128.7	128.9	0.2
F	5,259	10	20	2.1	128.7	128.7	129.7	1.0
G	5,808	10	20	1.6	128.7	128.7	129.7	1.0
H	6,130	10	15	1.3	128.8	128.8	129.7	0.9
I	6,220	10	50	0.4	130.4	130.4	130.9	0.5
J	6,310	10	50	0.4	131.7	131.7	131.8	0.1
K	7,022	10	10	1.9	131.7	131.7	131.9	0.2

¹Feet above confluence with Cochato River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MARTIN 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	500	15	63	3.8	111.6	111.6	112.4	0.8
B	1,107	30	104	2.3	113.8	113.8	114.3	0.5
C	1,380	25	98	2.5	114.3	114.3	114.7	0.4
D	1,470	20	109	2.2	115.8	115.8	115.9	0.1
E	2,004	10	35	6.1	116.0	116.0	116.6	0.6
F	2,096	15	40	5.4	117.3	117.3	117.3	0.0
G	3,469	10	27	8.1	127.9	127.9	127.9	0.0
H	3,400	12	34	6.3	130.6	130.6	130.8	0.2
I	4,541	10	33	6.5	148.0	148.0	148.0	0.0
J	4,965	10	26	8.1	150.1	150.1	150.2	0.1
K	5,470	15	63	3.4	153.9	153.9	154.4	0.5
L	5,800	10	26	8.2	162.7	162.7	162.7	0.0
M	6,621	10	36	5.9	196.0	196.0	196.0	0.0
N	6,860	10	26	8.2	199.2	199.2	199.4	0.2
O	7,760	15	61	3.5	205.1	205.1	205.6	0.5
P	8,170	10	40	5.4	206.4	206.4	207.1	0.7

¹Feet above confluence with Cochato River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MARY LEE 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	16	58	4.7	94.2	91.9 ²	92.9	1.0
B	436	9	35	7.8	94.4	94.1 ²	94.2	0.1
C	664	30	154	1.8	96.5	95.6 ²	96.6	1.0
D	1,146	11	66	4.1	96.7	96.6 ²	97.3	0.7
E	1,276	50	261	1.0	96.9	96.9	97.7	0.8
F	1,442	50	210	1.3	98.1	98.1	98.5	0.4
G	1,685	55	224	1.2	99.6	99.6	100.5	0.9
H	2,041	8	33	8.2	100.6	100.6	100.6	0.0
I	2,800	20	89	3.0	102.4	102.4	102.4	0.0
J	3,450	11	29	9.3	106.8	106.8	106.8	0.0
K	4,000	48	131	6.7	114.7	114.7	115.7	1.0
L	4,415	180	302	2.9	128.7	128.7	129.0	0.3
M	4,606	70	1,011	0.9	140.0	140.0	140.7	0.7
N	5,440	220	662	1.3	140.0	140.0	140.7	0.7
O	6,090	120	270	3.3	141.9	141.9	142.8	0.9
P	6,465	40	113	7.8	144.8	144.8	144.9	0.1
Q	7,200	785	4,303	0.2	145.7	145.7	146.6	0.9

¹Feet above confluence with Forge Pond

²Elevation computed without consideration of coincident peaks with Forge Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MASSAPOAG BROOK (TOWN OF CANTON)

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	15,500	40	118	4.3	169.1	169.1	170.1	1.0
B	15,606	74	268	1.9	171.8	171.8	172.0	0.2
C	15,711	59	167	2.3	171.8	171.8	172.1	0.3
D	16,714	41	72	6.1	182.1	182.1	182.6	0.5
E	17,718	61	188	2.4	188.5	188.5	189.4	0.9
F	17,839	140	489	0.9	192.7	192.7	192.7	0.0
G	18,510	14	44	1.0	198.3	198.3	198.3	0.0
H	18,710	320	1,920	0.2	213.0	213.0	213.2	0.2
I	19,618	143	505	0.9	213.2	213.2	213.2	0.0
J	20,743	34	64	4.9	220.7	220.7	221.6	0.9
K	20,901	21	64	6.9	224.5	224.5	225.3	0.8
L	21,097	180	2,139	0.2	233.2	233.2	234.0	0.8
M	21,572	63	95	4.6	237.3	237.3	237.3	0.0
N	21,679	65	173	2.5	238.5	238.5	238.5	0.0
O	21,852	120	995	0.4	250.7	250.7	250.7	0.0
P	22,633	90	366	1.0	250.7	250.7	250.7	0.0
Q	23,299	36	98	3.8	251.1	251.1	251.1	0.0
R	23,478	21	50	7.4	253.2	253.2	253.2	0.0

¹Feet above confluence with Forge Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MASSAPOAG BROOK (TOWN OF SHARON)

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	581	50	116	2.4	48.0	44.2 ²	45.2	1.0
B	1,199	36	72	3.0	48.4	46.9 ²	46.9	0.0
C	1,500	46	117	1.8	48.6	47.2 ²	48.1	0.9
D	2,365	36	135	1.6	49.0	48.4 ²	48.9	0.5
E	3,231	39	143	1.5	49.6	49.2 ²	49.5	0.3

¹Feet above confluence with Neponset River

²Elevation computed without consideration of backwater effects from Neponset River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK 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	120	55	341	0.7	143.9	143.7 ²	144.7	1.0
B	900	16	33	6.8	147.3	147.3	148.3	1.0
C	1,998	16	85	2.6	156.4	156.4	157.4	1.0
D	3,292	10	41	5.1	161.1	161.1	161.1	0.0
E	3,796	20	102	1.8	161.7	161.7	162.0	0.3
F	5,010	10	22	8.4	162.5	162.5	162.9	0.4
G	6,510	8	32	5.7	174.3	174.3	174.3	0.0
H	6,933	13	67	2.7	175.8	175.8	176.0	0.2
I	7,092	8	31	5.9	177.0	177.0	177.0	0.0
J	7,677	18	38	4.6	182.8	182.8	182.9	0.1
K	8,129	11	51	3.4	185.2	185.2	186.2	1.0
L	9,095	39	154	1.1	194.2	194.2	195.2	1.0
M	10,316	14	27	6.4	224.8	224.8	225.1	0.3
N	10,931	17	27	6.4	228.2	228.2	228.9	0.7
O	11,885	16	99	1.3	234.3	234.3	235.0	0.7
P	12,910	10	17	7.4	235.5	235.5	236.0	0.5

¹Feet above confluence with Pettee Pond

²Elevation computed without consideration of backwater effects from Bubbling Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MILL 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	9,900	48	294	2.3	154.1	154.1	155.1	1.0
B	11,540	95	467	1.5	154.2	154.2	155.2	1.0
C	12,410	63	254	2.7	157.5	157.5	158.5	1.0
D	14,100	66	232	1.1	163.8	163.8	164.8	1.0
E	16,600	53	307	1.7	177.2	177.2	178.2	1.0

¹Feet above confluence with Charles River

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

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	47	145	2.9	110.6	110.6	110.8	0.2
B	2,600	36	163	2.6	128.9	128.9	129.7	0.8
C	3,650	45	101	4.2	133.5	133.5	134.2	0.7
D	6,600	54	222	1.6	138.2	138.2	138.9	0.7
E	8,100	154	582	0.6	138.3	138.3	139.1	0.8
F	9,150	46	135	1.9	139.3	139.3	140.3	1.0
G	10,550	19	34	7.4	151.5	151.5	151.8	0.3
H	11,100	33	60	3.9	154.5	154.5	154.5	0.0

¹Feet above Mill Street

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

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	1,000	132	409	0.2	139.3	139.3	140.3	1.0
B	1,300	90	258	0.4	140.5	140.5	141.3	0.8
C	1,950	30	107	0.9	142.9	142.9	142.9	0.0
D	2,250	72	321	0.3	147.2	147.2	147.2	0.0
E	3,700	26	86	0.7	151.1	151.1	151.9	0.8
F	4,200	37	89	0.7	151.2	151.2	152.0	0.8

¹Feet above confluence with Mill River

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

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	495	71	40	0.2	152.5	152.5	152.5	0.0

¹Feet above confluence with Mill River Tributary A

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

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	990	20	60	7.5	142.5	142.5	142.9	0.4
B	1,900	51	324	104.0	156.5	156.5	157.5	1.0

¹Feet above confluence with Mill River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MILLER 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	90	108	429	2.4	175.2	167.9 ²	168.9	1.0
B	3,350	123	504	2.0	176.1	176.1	177.1	1.0
C	3,610	105	375	2.7	178.3	178.3	178.4	0.1
D	4,927	500	1,249	0.8	178.9	178.9	179.1	0.2
E	6,300	457	1,113	0.9	179.4	179.4	179.7	0.3
F	6,840	80	362	2.8	180.3	180.3	180.5	0.2
G	7,310	117	600	1.7	180.5	180.5	180.9	0.4
H	7,830	135	585	1.7	180.6	180.6	181.2	0.6
I	7,990	100	537	1.9	183.0	183.0	183.1	0.1
J	10,330	190	1,018	1.0	183.2	183.2	183.9	0.7
K	12,540	470	2,417	0.4	183.3	183.3	184.1	0.8
L	14,120	186	829	1.2	183.3	183.3	184.2	0.9
M	15,990	410	1,690	0.6	183.6	183.6	184.5	0.9
N	18,030	230	1,232	0.8	183.8	183.8	184.7	0.9
O	19,620	*	2,025	0.5	183.8	183.8	184.8	1.0
P	20,070	64	390	2.4	183.8	183.8	184.8	1.0
Q	21,540	259	1,291	0.7	184.1	184.1	185.1	1.0
R	23,060	267	540	1.7	184.6	184.6	185.4	0.8
S	23,460	205	1,250	0.8	187.3	187.3	187.5	0.2
T	24,580	222	264	3.6	188.3	188.3	188.4	0.1
U	25,665	30	117	8.0	201.9	201.9	202.6	0.7

¹Feet above confluence with Charles River

²Elevation computed without consideration of backwater effects from Charles River

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MINE BROOK (TOWN OF FRANKLIN)

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	27,020	*	107	8.8	221.3	221.3	222.1	0.8
W	27,800	154	382	2.2	228.3	228.3	228.3	0.0
X	28,220	186	997	0.8	231.4	231.4	232.2	0.8
Y	29,540	95	684	1.2	231.6	231.6	232.6	1.0
Z	30,170	360	2,361	0.4	231.6	231.6	232.6	1.0
AA	32,070	290	1,408	0.6	231.6	231.6	232.6	1.0
AB	32,280	160	1,041	0.7	234.4	234.4	234.4	0.0
AC	34,100	310	1,822	0.4	234.4	234.4	234.5	0.1
AD	35,200	504	3,187	0.2	234.4	234.4	234.5	0.1
AE	36,600	50	300	2.4	234.4	234.4	234.5	0.1
AF	37,320	101	828	0.8	238.5	238.5	238.8	0.3
AG	37,620	320	4,594	0.1	241.4	241.4	242.1	0.7
AH	38,535	730	8,470	0.1	241.4	241.4	242.1	0.7
AI	38,778	1,165	13,423	0.1	241.4	241.4	242.1	0.7
AJ	39,720	*	9,908	0.1	241.4	241.4	242.1	0.7
AK	41,160	180	1,615	0.4	241.4	241.4	242.1	0.7
AL	42,660	260	2,070	0.2	241.4	241.4	242.2	0.8
AM	44,090	62	175	3.1	241.4	241.4	242.2	0.8
AN	44,300	60	353	1.6	245.6	245.6	245.7	0.1
AO	45,875	79	393	1.4	245.7	245.7	246.7	1.0
AP	47,235	108	406	1.4	245.9	245.9	246.8	0.9
AQ	47,590	31	67	4.5	249.0	249.0	249.0	0.0

¹Feet above confluence with Charles River

*Floodway coincident with channel banks

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MINE BROOK (TOWN OF FRANKLIN)

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	470	142	1,119	0.4	142.0	142.0	143.0	1.0
B	1,750	356	2,434	0.2	142.1	142.1	143.1	1.0
C	1,900	352	2,377	0.2	142.1	142.1	143.1	1.0
D	4,350	100	432	1.2	146.8	146.8	147.8	1.0
E	4,730	92	459	1.1	150.4	150.4	151.4	1.0
F	4,870	604	3,222	0.2	150.6	150.6	151.6	1.0
G	11,160	501	2,117	0.3	151.0	151.0	152.0	1.0

¹Feet above confluence with Neponset River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MINE BROOK (TOWN OF WALPOLE)

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	1,375	50	632	3.8	11.5	8.4 ²	8.4	0.0
B	1,495	79	666	3.6	11.5	8.6 ²	8.6	0.0
C	1,835	47	364	6.7	11.5	10.6 ²	10.7	0.1
D	2,575	80	455	5.3	12.1	12.1	12.6	0.5
E	3,055	60	695	3.5	21.8	21.8	21.8	0.0
F	4,450	46	203	12.0	27.5	27.5	27.5	0.0
G	4,670	51	351	6.9	31.2	31.2	31.3	0.1
H	5,380	61	323	7.5	38.0	38.0	38.0	0.0
I	7,610	50	359	6.8	48.0	48.0	48.3	0.3
J	8,725	89	482	5.0	53.5	53.5	54.0	0.5
K	9,225	233	1,498	1.6	55.0	55.0	55.3	0.3
L	10,225	74	347	7.0	55.2	55.2	55.4	0.2
M	10,405	60	284	8.6	57.5	57.5	57.5	0.0
N	10,985	120	783	3.0	63.2	63.2	63.2	0.0
O	12,000	118	902	2.6	63.5	63.5	63.5	0.0
P	14,300	109	974	2.4	63.8	63.8	63.9	0.1
Q	14,546	145	1,143	2.0	63.9	63.9	64.0	0.1
R	15,865	200	1,442	1.6	64.0	64.0	64.2	0.2
S	16,155	200	1,355	1.7	64.3	64.3	64.5	0.2
T	17,530	200	1,400	1.7	64.3	64.3	64.7	0.4
U	17,785	65	675	3.4	65.5	65.5	65.6	0.1

¹Feet above Quincy Avenue

²Elevation computed without consideration of backwater effects from Weymouth Fore River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MONATIQUOT 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	19,685	128	379	6.1	73.5	73.5	73.6	0.1
W	19,795	116	1,264	1.8	82.4	82.4	82.4	0.0
X	20,490	90	939	2.5	92.6	92.6	92.6	0.0
Y	21,350	150	386	5.7	99.6	99.6	99.6	0.0
Z	21,820	200	1,000	2.2	101.4	101.4	101.7	0.3
AA	22,750	200	861	2.6	101.6	101.6	102.0	0.4
AB	24,950	200	1,121	2.0	104.3	104.3	105.1	0.8

¹Feet above Quincy Avenue

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MONATIQUOT 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	600	10	52	2.3	137.8	137.8	137.8	0.0
B	2,400	40	46	2.6	139.1	139.1	139.9	0.8
C	3,680	40	84	1.4	143.6	143.6	144.3	0.7

¹Feet above confluence with Charles River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: MYRTLE STREET LATERAL

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	92/28 ²	925	4.2	11.3	11.3	11.3	0.0
B	117	91/42 ²	1,379	2.8	15.9	15.9	15.9	0.0
C	230	148/85 ²	1,379	2.8	18.3	18.3	18.3	0.0
D	478	112/59 ²	1,118	3.5	18.3	18.3	18.3	0.0
E	879	195/138 ²	1,480	2.6	18.6	18.6	18.6	0.0
F	1,025	207/163 ²	1,130	3.4	18.7	18.7	18.7	0.0
G	1,511	108/55 ²	893	4.1	19.2	19.2	19.2	0.0
H	2,825	352/128 ²	2,369	1.5	20.1	20.1	20.1	0.0
I	4,359	227/162 ²	1,502	2.4	20.6	20.6	20.6	0.0
J	5,426	148/81 ²	1,109	3.3	21.0	21.0	21.0	0.0
K	6,970	83/26 ²	749	4.9	25.7	25.7	25.7	0.0
L	7,253	129/39 ²	1,009	3.6	26.1	26.1	26.1	0.0
M	7,671	98/59 ²	691	5.3	26.3	26.3	26.3	0.0
N	8,676	112/49 ²	769	4.8	29.6	29.6	29.6	0.0
O	10,554	132/61 ²	982	3.7	31.6	31.6	31.6	0.0
P	11,639	139/66 ²	1,124	3.3	32.3	32.3	32.3	0.0
Q	12,958	134/74 ²	1,083	3.4	33.0	33.0	33.0	0.0
R	13,662	126/74 ²	901	4.1	33.4	33.4	33.4	0.0
S	14,219	94/35 ²	829	4.4	34.8	34.8	34.8	0.0
T	14,383	185/99 ²	2,311	1.6	35.1	35.1	35.1	0.0
U	14,596	99/76 ²	1,716	2.1	38.4	38.4	38.4	0.0

¹Feet above Adams Street

²Width/width within Norfolk County

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NEPONSET 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
AF ²	25,091	101/44 ³	878	2.5	43.7	43.7	43.7	0.0
AG	25,465	107/41 ³	830	2.6	43.7	43.7	43.8	0.1
AH	25,720	84/42 ³	646	3.4	43.8	43.8	43.9	0.1
AI	26,936	102/69 ³	727	3.0	44.3	44.3	44.6	0.3
AJ	27,085	236/125 ³	1,108	2.0	44.8	44.8	45.0	0.2
AK	28,526	689/357 ³	4,482	0.5	45.0	45.0	45.2	0.2
AL	30,146	667/376 ³	4,401	0.5	45.0	45.0	45.3	0.3
AM	31,942	485	2,255	1.0	45.0	45.0	45.5	0.5
AN	33,352	530	3,298	0.7	45.0	45.0	45.7	0.7
AO	34,865	670	3,679	0.6	45.1	45.1	45.8	0.7
AP	36,222	853	4,479	0.5	45.1	45.1	46.0	0.9
AQ	37,156	637	3,131	0.7	45.2	45.2	46.0	0.8
AR	38,249	680	3,167	0.7	45.3	45.3	46.2	0.9
AS	39,300	1,346	6,639	0.3	45.4	45.4	46.3	0.9
AT	39,844	1,046	4,717	0.5	45.4	45.4	46.3	0.9
AU	40,330	900	5,340	0.4	45.9	45.9	46.7	0.8
AV	40,556	709	3,585	0.6	45.9	45.9	46.7	0.8
AW	41,200	751	5,015	0.4	46.3	46.3	47.1	0.8
AX	42,287	1,345	8,788	0.2	46.3	46.3	47.2	0.9
AY	44,501	1,244	8,785	0.2	46.3	46.3	47.2	0.9
AZ	45,542	608	3,923	0.5	46.4	46.4	47.2	0.8

¹Feet above Adams Street

²Cross sections V-AE (Suffolk County, Massachusetts) in floodway data tables for other counties

³Width/width within Norfolk County

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NEPONSET 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
BA	46,499	1,165	8,684	0.2	46.4	46.4	47.2	0.8
BB	46,947	222	1,816	1.1	46.7	46.7	47.6	0.9
BC	47,775	889	5,556	0.4	46.8	46.8	47.8	1.0
BD	48,938	1,039	7,987	0.3	46.8	46.8	47.8	1.0
BE	50,412	1,067	7,923	0.2	46.8	46.8	47.8	1.0
BF	51,454	1,548	11,044	0.2	46.8	46.8	47.8	1.0
BG	53,387	1,761	12,161	0.2	46.8	46.8	47.8	1.0
BH	54,664	1,600	10,820	0.2	46.8	46.8	47.8	1.0
BI	56,024	1,817	10,971	0.2	46.8	46.8	47.8	1.0
BJ	56,978	1,500	8,916	0.2	46.9	46.9	47.9	1.0
BK	57,375	117	1,350	1.4	46.9	46.9	47.9	1.0
BL	58,047	1,671	9,836	0.2	47.0	47.0	47.9	0.9
BM	58,987	1,216	9,045	0.2	47.0	47.0	47.9	0.9
BN	59,632	1,071	7,237	0.3	47.0	47.0	48.0	1.0
BO	59,906	711	4,467	0.4	47.0	47.0	48.0	1.0
BP	60,184	248	1,751	1.1	47.0	47.0	48.0	1.0
BQ	60,606	419	2,780	0.7	47.0	47.0	48.0	1.0
BR	61,967	1,326	9,151	0.2	47.0	47.0	48.0	1.0
BS	62,691	1,457	8,763	0.2	47.0	47.0	48.0	1.0
BT	63,082	80	646	2.7	47.1	47.1	48.0	0.9
BU	63,723	781	5,582	0.3	47.2	47.2	48.2	1.0

¹Feet above Adams Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NEPONSET 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
BV	64,126	759	4,858	0.4	47.2	47.2	48.2	1.0
BW	65,274	836	5,443	0.3	47.3	47.3	48.2	0.9
BX	66,675	359	2,049	0.7	47.3	47.3	48.3	1.0
BY	67,337	333	2,037	0.8	47.3	47.3	48.3	1.0
BZ	67,991	359	1,928	0.8	47.3	47.3	48.3	1.0
CA	68,922	119	919	1.7	47.4	47.4	48.4	1.0
CB	69,409	60	570	2.7	47.5	47.5	48.5	1.0
CC	70,203	86	628	2.4	47.8	47.8	48.8	1.0
CD	71,159	56	395	3.9	48.4	48.4	49.2	0.8
CE	71,448	115	538	2.8	48.9	48.9	49.7	0.8
CF	72,194	83	434	3.5	50.3	50.3	50.7	0.4
CG	72,714	74	484	3.2	51.1	51.1	51.4	0.3
CH	73,047	77	449	3.4	51.5	51.5	51.7	0.2
CI	73,367	73	402	3.8	52.0	52.0	52.2	0.2
CJ	73,687	56	300	4.8	52.7	52.7	52.8	0.1
CK	73,854	49	296	4.9	54.0	54.0	54.1	0.1
CL	74,255	160	842	1.7	57.0	57.0	57.0	0.0
CM	74,994	84	562	2.6	57.1	57.1	57.2	0.1
CN	75,455	100	600	2.4	57.2	57.2	57.4	0.2
CO	75,857	69	353	4.1	57.5	57.5	57.6	0.1
CP	76,220	31	209	5.4	58.4	58.4	58.4	0.0

¹Feet above Adams Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NEPONSET 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
CQ	76,287	51	273	4.2	58.9	58.9	59.0	0.1
CR	76,724	247	863	1.3	60.6	60.6	61.3	0.7
CS	76,826	103	431	2.6	60.7	60.7	61.5	0.8
CT	76,938	97	422	2.7	60.8	60.8	61.6	0.8
CU	77,047	140	640	1.8	60.9	60.9	61.7	0.8
CV	77,151	48	307	3.7	60.9	60.9	61.8	0.9
CW	77,333	61	358	3.2	61.1	61.1	62.0	0.9
CX	77,677	120	421	2.7	61.4	61.4	62.3	0.9
CY	77,866	113	349	3.3	62.1	62.1	63.0	0.9
CZ	79,154	72	268	4.3	65.6	65.6	65.9	0.3
DA	79,748	128	752	1.5	75.2	75.2	75.2	0.0
DB	80,283	47	356	3.6	78.4	78.4	78.4	0.0
DC	80,449	87	417	2.7	81.1	81.1	81.1	0.0
DD	80,582	82	467	2.4	84.8	84.8	84.8	0.0
DE	80,605	55	316	3.6	84.8	84.8	84.8	0.0
DF	80,998	330	2,108	0.5	85.8	85.8	85.8	0.0
DG	81,755	139	565	2.0	86.8	86.8	86.8	0.0
DH	82,227	41	253	4.5	91.9	91.9	92.0	0.1
DI	82,238	37	241	4.7	91.9	91.9	92.0	0.1
DJ	82,912	325	3,817	0.3	102.4	102.4	102.4	0.0
DK	83,744	199	1,965	0.6	102.4	102.4	102.4	0.0

¹Feet above Adams Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NEPONSET 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
DL	84,686	185	1,204	0.9	102.4	102.4	102.4	0.0
DM	85,646	110	624	1.8	102.5	102.5	102.5	0.0
DN	85,925	140	704	1.6	102.6	102.6	102.6	0.0
DO	86,297	80	249	4.6	102.6	102.6	102.6	0.0
DP	86,414	61	135	8.5	103.0	103.0	103.0	0.0
DQ	86,526	439	4,169	0.3	114.8	114.8	114.8	0.0
DR	86,864	325	2,246	0.5	114.8	114.8	114.8	0.0
DS	87,125	348	1,586	0.7	114.8	114.8	114.8	0.0
DT	87,857	244	1,418	0.8	120.0	120.0	120.0	0.0
DU	88,393	300	1,193	1.0	120.1	120.1	120.1	0.0
DV	88,747	221	917	1.2	120.1	120.1	120.2	0.1
DW	88,881	40	201	5.7	120.9	120.9	120.9	0.0
DX	89,823	330	1,272	0.8	122.0	122.0	122.0	0.0
DY	91,256	111	549	1.9	122.4	122.4	122.4	0.0
DZ	91,862	280	925	1.1	122.8	122.8	122.8	0.0
EA	92,460	146	712	1.4	126.0	126.0	126.0	0.0
EB	92,957	137	419	2.4	126.2	126.2	126.2	0.0
EC	93,653	110	326	3.1	128.9	128.9	129.7	0.8
ED	94,309	81	193	5.3	131.5	131.5	132.1	0.6
EE	94,915	119	356	2.9	133.7	133.7	134.1	0.4
EF	95,466	293	680	1.5	134.9	134.9	135.1	0.2

¹Feet above Adams Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NEPONSET 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
EG	95,706	473	1,062	1.0	135.2	135.2	135.3	0.1
EH	96,234	468	912	0.9	135.6	135.6	135.7	0.1
EI	96,531	202	753	4.3	135.6	135.6	135.7	0.1
EJ	96,657	333	791	1.6	138.6	138.6	138.8	0.2
EK	96,844	245	423	1.9	139.0	139.0	139.1	0.1
EL	96,958	147	361	2.2	139.1	139.1	139.3	0.2
EM	97,057	245	364	2.2	139.2	139.2	139.5	0.3
EN	97,513	268	613	1.3	144.4	144.4	144.4	0.0
EO	97,625	111	616	1.3	145.1	145.1	145.1	0.0
EP	98,493	189	1,088	0.7	145.2	145.2	145.2	0.0
EQ	98,916	154	708	1.1	145.2	145.2	145.2	0.0
ER	99,480	68	290	2.7	145.3	145.3	145.4	0.1
ES	99,745	60	244	3.2	145.5	145.5	145.8	0.3
ET	99,866	154	1,040	0.8	148.0	148.0	149.0	1.0
EU	99,907	158	1,088	0.7	148.0	148.0	149.0	1.0
EV	100,364	184	1,057	0.7	148.1	148.1	149.0	0.9
EW	100,599	200	905	0.9	148.1	148.1	149.0	0.9
EX	100,739	241	553	1.4	148.1	148.1	149.0	0.9
EY	101,066	204	775	1.0	148.5	148.5	149.2	0.7
EZ	101,459	55	101	7.8	150.3	150.3	150.3	0.0
FA	101,899	18	155	5.1	163.7	163.7	163.7	0.0

¹Feet above Adams Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NEPONSET 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
FB	101,906	26	185	4.3	163.9	163.9	163.9	0.0
FC	101,989	117	800	1.0	164.2	164.2	164.2	0.0
FD	102,243	189	816	1.0	164.2	164.2	164.2	0.0
FE	102,468	130	634	1.2	165.7	165.7	165.7	0.0
FF	102,673	68	304	2.6	165.7	165.7	165.7	0.0
FG	103,167	46	96	8.2	166.1	166.1	166.1	0.0
FH	103,406	37	94	8.4	170.4	170.4	170.4	0.0
FI	103,662	143	1,163	0.7	179.6	179.6	179.6	0.0
FJ	103,936	114	847	0.9	179.6	179.6	179.6	0.0
FK	104,346	155	298	2.7	179.6	179.6	179.6	0.0
FL	104,565	111	547	1.4	181.9	181.9	181.9	0.0
FM	105,011	128	901	0.9	181.9	181.9	182.0	0.1
FN	105,946	162	941	0.8	182.0	182.0	182.0	0.0
FO	106,786	211	694	0.7	182.0	182.0	182.1	0.1
FP	107,485	305	1,199	0.4	182.0	182.0	182.2	0.2
FQ	108,068	45	207	2.4	182.0	182.0	182.2	0.2
FR	108,453	369	1,296	0.4	182.1	182.1	182.5	0.4
FS	108,619	104	594	0.9	184.1	184.1	184.9	0.8
FT	109,000	399	2,031	0.2	184.2	184.2	184.9	0.7
FU	109,329	227	1,026	0.5	184.2	184.2	184.9	0.7
FV	109,800	334	1,918	0.3	184.2	184.2	184.9	0.7

¹Feet above Adams Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NEPONSET 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
FW	110,253	200	1,096	0.5	184.2	184.2	185.0	0.8
FX	110,668	274	1,454	0.3	184.2	184.2	185.0	0.8
FY	111,041	552	3,037	0.2	184.2	184.2	185.0	0.8
FZ	111,439	580	3,149	0.2	184.2	184.2	185.0	0.8
GA	112,039	927	4,424	0.1	184.2	184.2	185.0	0.8
GB	112,293	687	3,104	0.2	184.2	184.2	185.0	0.8
GC	112,698	700	2,886	0.2	184.2	184.2	185.0	0.8
GD	112,879	500	1,942	0.3	184.2	184.2	185.0	0.8
GE	113,380	549	2,225	0.2	184.2	184.2	185.0	0.8
GF	114,020	658	2,235	0.2	184.2	184.2	185.0	0.8
GG	114,452	670	2,342	0.2	184.2	184.2	185.1	0.9
GH	114,773	248	773	0.5	184.2	184.2	185.1	0.9
GI	115,200	294	819	0.5	184.3	184.3	185.1	0.8
GJ	115,630	170	435	0.9	184.4	184.4	185.2	0.8
GK	116,165	536	1,060	0.4	184.7	184.7	185.4	0.7
GL	116,807	64	104	3.8	185.6	185.6	185.6	0.0
GM	117,708	56	112	3.5	189.5	189.5	189.5	0.0
GN	117,791	54	119	3.3	190.1	190.1	190.1	0.0
GO	118,002	26	50	7.8	191.3	191.3	191.3	0.0
GP	118,120	35	85	4.6	195.8	195.8	195.8	0.0
GQ	118,323	36	55	7.1	197.0	197.0	197.0	0.0

¹Feet above Adams Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NEPONSET 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
GR	118,345	16	42	9.3	197.2	197.2	197.2	0.0
GS	118,375	30	95	4.1	199.6	199.6	199.9	0.3
GT	118,705	22	50	7.7	202.0	202.0	202.3	0.3
GU	118,778	21	68	5.7	203.1	203.1	203.9	0.8
GV	118,960	33	86	4.5	205.0	205.0	205.0	0.0
GW	119,044	29	109	3.6	206.4	206.4	206.8	0.4
GX	119,129	33	127	3.1	206.6	206.6	207.0	0.4
GY	119,335	21	46	8.5	209.0	209.0	209.0	0.0
GZ	119,340	25	47	8.2	210.9	210.9	210.9	0.0
HA	119,441	96	430	0.9	221.7	221.7	222.4	0.7
HB	119,443	104	468	0.8	221.7	221.7	222.4	0.7
HC	119,543	287	1,860	0.2	221.8	221.8	222.4	0.6
HD	119,825	134	821	0.5	221.8	221.8	222.4	0.6
HE	120,097	212	1,460	0.3	225.3	225.3	226.0	0.7
HF	120,600	146	611	0.6	225.3	225.3	226.0	0.7
HG	120,685	101	144	2.7	225.3	225.3	226.0	0.7
HH	121,004	254	686	0.6	232.5	232.5	232.5	0.0

¹Feet above Adams Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NEPONSET 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	95	220	0.8	132.1	132.1	132.1	0.0
B	824	20	100	1.8	137.3	137.3	138.0	0.7
C	871	30	100	1.7	138.3	138.3	138.3	0.0
D	1,711	30	120	1.4	152.9	152.9	152.9	0.0
E	1,758	30	120	1.4	152.9	152.9	153.0	0.1
F	2,302	15	30	5.4	156.5	156.5	156.5	0.0
G	2,392	25	90	1.8	157.8	157.8	158.6	0.8
H	3,068	20	40	3.8	166.9	166.9	166.9	0.0
I	3,300	40	150	1.0	170.2	170.2	170.3	0.1
J	4,356	80	305	0.3	170.2	170.2	170.4	0.2
K	4,419	95	40	2.2	171.1	171.1	171.1	0.0
L	4,462	650	1,510	0.1	171.2	171.2	171.3	0.1
M	5,217	20	30	2.4	171.2	171.2	171.3	0.1
N	5,465	10	30	2.0	171.8	171.8	172.2	0.4
O	7,667	10	13	4.7	178.9	178.9	179.5	0.6
P	7,820	10	25	1.8	184.0	184.0	184.0	0.0
Q	8,390	10	30	1.3	184.0	184.0	184.7	0.7
R	8,622	10	30	1.3	185.1	185.1	185.7	0.6
S	8,844	10	40	1.0	185.2	185.2	185.8	0.6

¹Feet above confluence with Upper Reservoir

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: NORROWAY 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	3,575	174	602	0.6	73.0	73.0	74.0	1.0
B	4,550	70	237	1.6	73.1	73.1	74.1	1.0
C	6,700	92	174	1.9	83.0	83.0	83.0	0.0
D	7,450	106	198	1.6	83.4	83.4	83.4	0.0
E	7,950	56	90	3.5	84.8	84.8	84.8	0.0
F	8,700	37	48	6.5	95.0	95.0	95.0	0.0
G	9,715	47	86	3.6	100.1	100.1	100.1	0.0
H	9,850	100	303	1.0	104.1	104.1	104.1	0.0
I	10,895	18	39	7.9	104.3	104.3	104.3	0.0
J	11,205	57	75	4.0	105.7	105.7	105.7	0.0
K	12,100	55	187	1.6	107.9	107.9	108.5	0.6
L	13,350	25	131	1.9	110.7	110.7	111.1	0.4
M	14,200	27	93	2.6	110.7	110.7	111.3	0.6
N	14,850	51	152	1.6	110.8	110.8	111.7	0.9

¹Feet above Washington Street

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: OLD SWAMP 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	850	45	517	3.1	185.7	185.7	186.0	0.3
B	1,840	130	1,237	1.3	185.7	185.7	186.2	0.5
C	2,840	70	644	1.0	185.7	185.7	186.3	0.6
D	3,820	67	481	3.3	185.7	185.7	186.6	0.9
E	3,948	80	427	3.8	186.2	186.2	187.0	0.8
F	4,410	50	242	6.6	186.4	186.4	187.4	1.0
G	4,603	79	573	2.6	189.9	189.9	189.9	0.0
H	5,093	55	466	3.0	190.0	190.0	190.2	0.2
I	6,143	86	731	1.4	190.1	190.1	190.8	0.7
J	7,778	124	938	1.1	190.2	190.2	191.2	1.0
K	9,613	375	2,681	0.4	190.4	190.4	191.3	0.9
L	11,348	210	928	1.0	190.4	190.4	191.3	0.9
M	12,528	119	487	1.9	192.0	192.0	192.4	0.4
N	12,733	50	290	2.9	193.6	193.6	193.7	0.1
O	12,841	180	1,232	0.7	196.0	196.0	196.2	0.2
P	14,978	190	1,046	0.8	196.1	196.1	196.5	0.4
Q	16,616	119	479	1.8	196.4	196.4	197.1	0.7
R	16,726	184	598	1.4	196.6	196.6	197.3	0.7
S	17,686	190	511	1.7	197.5	197.5	198.3	0.8
T	18,361	108	364	2.3	199.0	199.0	199.6	0.6
U	18,526	160	656	1.1	201.1	201.1	201.2	0.1

¹Feet above Route 114 (Diamond Hill Road)

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: PETERS 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	19,568	101	318	2.4	201.4	201.4	202.0	0.6
W	19,816	75	246	3.0	202.1	202.1	202.4	0.3
X	22,991	60	618	0.9	212.3	212.3	213.0	0.7
Y	23,194	40	268	2.1	212.4	212.4	213.0	0.6
Z	23,311	80	365	1.5	212.4	212.4	213.2	0.8

¹Feet above Route 114 (Diamond Hill Road)

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: PETERS 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	475	30	109	3.9	104.5	104.5	105.5	1.0
B	705	39	137	3.1	105.3	105.3	106.3	1.0
C	1,135	29	96	4.5	110.3	110.3	111.3	1.0
D	2,190	40	277	1.6	119.8	119.8	120.8	1.0
E	2,680	97	367	1.3	120.3	120.3	121.3	1.0
F	2,986	17	87	5.4	121.4	121.4	122.4	1.0

¹Feet above confluence with Traphole Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: PICKEREL 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	929	93	172	1.7	47.2	47.2	47.2	0.0
B	1,251	12	36	8.1	50.1	50.1	50.7	0.6
C	2,260	205	334	0.8	54.5	54.5	55.4	0.9
D	2,482	30	88	2.5	55.4	55.4	55.8	0.4
E	2,608	30	89	2.5	55.7	55.7	56.0	0.3
F	4,029	111	1,555	0.1	105.6	105.6	106.6	1.0
G	4,129	111	1,456	0.1	105.6	105.6	106.6	1.0
H	5,069	15	25	7.4	135.1	135.1	135.1	0.0
I	5,481	30	42	4.5	161.4	161.4	162.2	0.8
J	5,613	67	184	1.0	169.3	169.3	169.3	0.0
K	5,760	36	38	5.0	170.0	170.0	170.8	0.8
L	6,341	12	37	5.1	183.4	183.4	184.2	0.8
M	6,473	8	28	6.8	184.0	184.0	184.9	0.9
N	6,595	109	244	0.8	185.7	185.7	186.0	0.3
O	6,927	14	25	7.7	187.6	187.6	187.6	0.0
P	7,028	15	38	4.9	188.6	188.6	189.0	0.4
Q	7,160	24	64	3.0	189.8	189.8	189.8	0.0

¹Feet above confluence with Purgatory Brook

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: PLANTINGFIELD 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	2,000	100	624	0.5	48.9	48.9	49.9	1.0
B ²	3,869	50	287	1.1	50.2	50.2	50.8	0.6
C ²	4,459	75	324	1.0	50.3	50.3	51.1	0.8
D ²	5,178	47	142	2.2	50.6	50.6	51.3	0.7
E ²	5,282	50	205	1.6	51.9	51.9	52.6	0.7
F ²	6,070	50	193	1.7	52.1	52.1	52.8	0.7
G ²	7,058	75	336	1.0	52.3	52.3	53.2	0.9
H ²	8,017	75	292	1.1	52.3	52.3	53.3	1.0
I ²	8,675	50	191	1.7	52.6	52.6	53.5	0.9
J ²	10,133	15	36	8.8	59.2	59.2	59.3	0.1
K ²	11,790	16	39	8.2	96.3	96.3	96.3	0.0
L ²	12,265	12	38	8.3	118.4	118.4	118.4	0.0
M ²	12,705	10	32	10.2	129.2	129.2	129.2	0.0
N ²	12,900	16	49	6.5	133.2	133.2	133.2	0.0

¹Feet above confluence with Neponset River

²Area not included in partial countywide study

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: PONKAPOAG 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	530	137	549	0.5	148.2	147.4 ²	148.4	1.0
B	1,650	18	103	2.5	150.8	150.8	153.8	3.0
C	3,690	47	229	1.1	152.4	152.4	153.4	1.0
D	5,300	64	227	1.1	155.4	155.4	156.4	1.0

¹Feet above confluence with Stop River

²Elevation computed without consideration of backwater effects from Stop River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: PRISON FARM LATERAL

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	12,461	92	508	1.0	55.8	55.8	56.8	1.0
B	12,873	52	334	1.5	56.6	56.6	57.5	0.9
C	13,654	57	123	3.9	57.3	57.3	57.9	0.6
D	14,779	40	140	3.5	63.2	63.2	63.2	0.0
E	15,249	80	217	1.7	64.7	64.7	65.1	0.4
F	15,418	16	63	5.9	66.3	66.3	67.3	1.0
G	15,903	24	94	3.9	67.4	67.4	68.4	1.0
H	16,587	21	26	6.3	83.5	83.5	83.5	0.0
I	18,051	12	21	7.6	134.2	134.2	134.6	0.4
J	18,688	16	23	6.9	149.5	149.5	149.8	0.3
K	19,306	21	45	3.6	150.6	150.6	151.6	1.0
L	20,494	11	20	7.6	156.8	156.8	157.0	0.2
M	20,830	137	1,054	0.1	166.9	166.9	167.3	0.4
N	25,362	108	496	0.1	166.9	166.9	167.3	0.4
O	26,862	4	6	6.8	175.4	175.4	175.7	0.3

¹Feet above confluence with Neponset River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: PURGATORY 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	650	275	2,341	0.1	177.5	177.5	178.2	0.7
B	976	19	58	5.4	177.5	177.5	178.2	0.7
C	1,183	47	114	2.7	178.6	178.6	178.9	0.3
D	2,932	70	81	3.8	184.9	184.9	185.1	0.2
E	3,082	260	1,784	0.2	185.9	185.9	186.2	0.3
F	4,407	55	158	2.0	185.9	185.9	186.2	0.3
G	4,650	90	748	0.4	192.1	192.1	192.1	0.0
H	5,750	130	615	0.4	192.1	192.1	192.1	0.0
I	5,960	40	262	1.0	194.3	194.3	194.3	0.0
J	7,375	30	132	2.0	196.0	196.0	196.0	0.0
K	8,760	55	224	1.2	196.1	196.1	196.9	0.8
L	9,080	94	167	1.6	197.8	197.8	197.9	0.1
M	10,020	17	65	4.2	199.0	199.0	199.7	0.7
N	10,260	20	118	2.3	202.5	202.5	202.6	0.1

¹Feet above Rabbit Hill Dam

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: RABBIT HILL 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	69	69	275	0.3	9.6	6.8 ²	6.8	0.0
B	243	57	250	0.4	9.6	6.8 ²	6.9	0.1
C	348	47	187	0.5	13.0	13.0	13.0	0.0
D	449	12	17	5.3	13.0	13.0	13.0	0.0

¹Feet above confluence with Straits Pond

²Elevation computed without consideration of backwater effects from Straits Pond

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY NORFOLK COUNTY, MA (ALL JURISDICTIONS)	FLOODWAY DATA
		FLOODING SOURCE: RATTLESNAKE RUN

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	190	32	104	2.9	182.6	182.6	183.1	0.5
B	500	60	147	2.1	183.3	183.3	183.9	0.6
C	2,319	64	82	1.7	188.7	188.7	189.3	0.6
D	2,701	47	149	1.5	189.6	189.6	190.2	0.6
E	3,032	114	416	0.5	190.9	190.9	191.5	0.6
F	3,721	20	70	2.9	198.0	198.0	198.0	0.0
G	4,742	170	689	0.2	203.7	203.7	203.8	0.1

¹Feet above Turnpike Street

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