

STREAMFLOW DATA USES

- RESERVOIR MANAGEMENT**
 - Day-to-day operations
 - Floods
 - Droughts
 - Hydropower operations
- HYDRAULIC DESIGN**
 - Roadways
 - Bridges and culverts
 - Dams and reservoirs
 - Channel modifications
 - Flood-plain development
 - Hydraulic modeling
- STATISTICAL ANALYSIS**
 - Flood frequency
 - Low-flow frequency
 - Flow duration
 - Storage requirements
 - Areal studies
 - Trend analysis
- WATER MANAGEMENT**
 - Water supply
 - Waste disposal
 - Water use
- URBAN STUDIES**
 - Storm runoff
 - Flood inundation
 - Zoning and design regulations
 - Pollution studies
- ENVIRONMENTAL STUDIES**
 - Nonpoint-source pollution
 - Channel evolution
 - Sediment studies
 - Wetlands ecology
 - Hazardous waste
 - Rainfall-runoff relations
 - Recharge studies
 - Climate change studies
- WATER QUALITY**
 - Assimilation capacity
 - Cumulative-impacts assessment
 - Baseline conditions
 - Long-term trends
 - Point-source impacts
 - Interstate pollution transport
 - Surface water - ground water relations

In addition to the stream-gaging stations, the USGS and Massachusetts Department of Environmental Management, Office of Water Resources, cooperatively operate a network of 60 low-flow partial-record stations. Low streamflow measurements are obtained three times per year at each site. These data are used in areal studies to estimate low-flow characteristics of Massachusetts streams.

Streamflow data are published annually in a report series entitled "Water Resources Data - Massachusetts and Rhode Island." The report, and this map, may be obtained by contacting Books and Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, CO 80225.

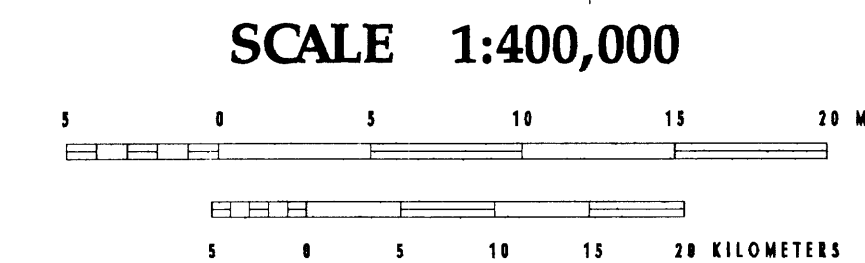
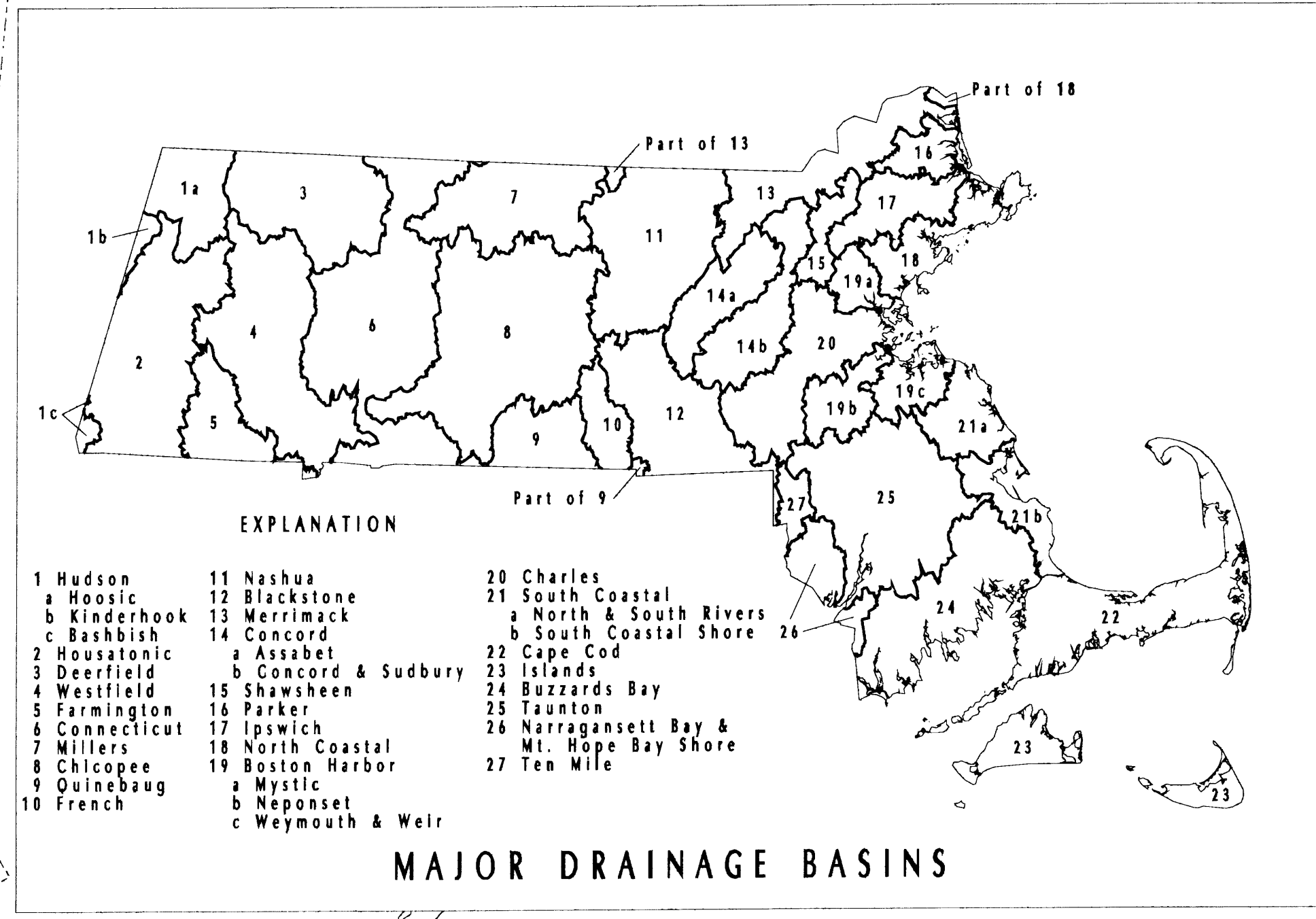


Table 1. Map Number, Telemetry Code, USGS Station Number, and Station Name for Stream-Gaging Stations in Massachusetts
Telemetry Code: A - USGS Data-collection platform and satellite-relay report
B - COE Data-collection platform and satellite-relay report
C - Telephone interrogation

MAP NUMBER	TELEMETRY CODE	USGS STATION NUMBER	STATION NAME	MAP NUMBER	TELEMETRY CODE	USGS STATION NUMBER	STATION NAME
01	A	01094400	North Nashua River at Fitchburg	25	A	01105837	Quabset River at Wagonville Village
02	A	01094500	North Nashua River near Leominster	26	A	01109000	Walden River near Norton
03	A	01095500	Nashua River at Clinton	27	A	01109050	Thames River at North Dighton
04	A	01096000	Sassanacook River near West Groton	28	A	01109070	Sagegonnet River near Dighton
05	BC	01096500	Nashua River at East Pepperell	29	A	01109080	Quinebaug River at North Grafton
06	A	01097000	Assabet River at Maynard	30	A	01111200	West River near Uxbridge
07	A	01097300	Nashoba Brook near Acton	31	A	01123340	Quinebaug River at Fiskeville
08	A	01097500	Assabet River at Maynard	32	A	01123400	Quinebaug River near Southville
09	C	01098500	Concord River at Lowell	33	A	01124350	French River at Hodges Village
10	BC	01100000	Merrimack River at Lowell	34	A	01124500	Little River near Oxford
11	A	01100500	Shawheen River near Wilmington	35	A	01124600	Millers River near Winchendon
12	A	01101000	Parker River at Byfield	36	A	01125200	Priest Brook near Winchendon
13	A	01102000	Ipswich River at South Middleton	37	A	01130000	Otter River at Otter River
14	A	01102500	Ipswich River near Ipswich	38	A	01134000	Millers River at South Royalston
15	AC	01103000	Aberjona River at Wickliffe	39	A	01134500	East Branch Tully River near Athol
16	A	01103500	Charles River at Dover	40	C	01134500	Mill River at Erving
17	A	01104000	Mother Brook at Dordham	41	C	01138151	Deerfield River near Rowe
18	A	01105000	Charles River at Wellfleet	42	C	01138200	Deerfield River at Shelburne
19	A	01104500	Charles River at Waltham	43	AC	01139000	North River at Shelburne
20	A	01105000	Neponset River at Norwood	44	C	01139500	South River near Conway
21	A	01105500	East Branch Neponset River at Canton	45	B	01170000	Deerfield River near West Deerfield
22	A	01106000	Old Swamp River near South Weymouth	46	A	01170100	Green River near Colrain
23	A	01106500	Indian Head River at Haverhill	47	BC	01170200	Connecticut River at Montague City
24	A	01106700	Jones River at Kingston	48	A	01171500	Fort River near Amherst
25	A	01109400	Quabset River at Wagonville Village	49	A	01172500	Mill River at Northampton
26	A	01109000	Walden River near Norton	50	A	01172600	Connecticut River at Holyoke
27	A	01109050	Thames River at North Dighton	51	A	01172700	Ware River at Barre
28	A	01109070	Sagegonnet River near Dighton	52	C	01173000	Ware River at State Works near Barre
29	A	01109080	Quinebaug River at North Grafton	53	B	01173500	Ware River at Gibbs Crossing
30	A	01111200	West River near Uxbridge	54	A	01174500	East Branch Swift River near Hardwick
31	A	01123340	Quinebaug River at Fiskeville	55	A	01174600	Cadwell Creek near Pelham
32	A	01123400	Quinebaug River near Southville	56	A	01174800	Cadwell Creek near Belcherston
33	A	01124350	French River at Hodges Village	57	A	01175500	Swift River at West Ware
34	A	01124500	Little River near Oxford	58	A	01175600	Sveonick River near Spencer
35	A	01124600	Millers River near Winchendon	59	A	01176000	Quabog River at West Brimfield
36	A	01125200	Priest Brook near Winchendon	60	BC	01177000	Chicopee River at Indian Orchard
37	A	01130000	Otter River at Otter River	61	A	01178500	Westfield River at Keightsville
38	A	01134000	Millers River at South Royalston	62	A	01180500	Middle Branch Westfield River at Goss Heights
39	A	01134500	East Branch Tully River near Athol	63	AC	01181000	West Branch Westfield River at Huntington
40	C	01134500	Mill River at Erving	64	BC	01183000	Westfield River near Westfield
41	C	01138151	Deerfield River near Rowe	65	BC	01183500	Westfield River near Westfield
42	C	01138200	Deerfield River at Shelburne	66	C	01185500	Little River near New Boston
43	AC	01139000	North River at Shelburne	67	A	01187000	East Branch Housatonic River at Coltsville
44	C	01139500	South River near Conway	68	AC	01187500	Housatonic River near Great Barrington
45	B	01170000	Deerfield River near West Deerfield	69	A	01331500	Housic River at Adams
46	A	01170100	Green River near Colrain	70	A	01332500	Housic River near Williamstown
47	BC	01170200	Connecticut River at Montague City	71	A	01333000	Green River at Williamstown

SELECTED REFERENCES

Brinkley, C.L., and Wadsworth, W.J., 1989. Drainage divides, Massachusetts, New Hampshire, and Vermont. U.S. Geological Survey Open-File Report 89-104, 12 maps, scale 1:250,000.

-----, 1992. Drainage divides, Massachusetts, Vermont, and New Hampshire. U.S. Geological Survey Open-File Report 92-104, 12 maps, scale 1:250,000.

Gearty, J., and Wadsworth, W.J., 1982. Drainage divides, Massachusetts, Vermont, New Hampshire, and New York. U.S. Geological Survey Open-File Report 82-104, 12 maps, scale 1:250,000.

-----, 1985. Drainage divides, Massachusetts, Vermont, New Hampshire, and New York. U.S. Geological Survey Open-File Report 85-104, 12 maps, scale 1:250,000.

Grimes, R., 1982. Drainage divides, Massachusetts, Vermont, New Hampshire, and New York. U.S. Geological Survey Open-File Report 82-104, 12 maps, scale 1:250,000.

Grimes, R., and Wadsworth, W.J., 1982. Drainage divides, Massachusetts, Vermont, New Hampshire, and New York. U.S. Geological Survey Open-File Report 82-104, 12 maps, scale 1:250,000.

-----, 1985. Drainage divides, Massachusetts, Vermont, New Hampshire, and New York. U.S. Geological Survey Open-File Report 85-104, 12 maps, scale 1:250,000.

Wadsworth, W.J., 1989. Drainage divides, Massachusetts, Vermont, New Hampshire, and New York. U.S. Geological Survey Open-File Report 89-104, 12 maps, scale 1:250,000.

Wadsworth, W.J., and Frings, M., 1983. Drainage divides, Massachusetts, Vermont, New Hampshire, and New York. U.S. Geological Survey Open-File Report 83-104, 12 maps, scale 1:250,000.

MAP SHOWING MAJOR DRAINAGE BASINS AND STREAM-GAGING STATIONS IN MASSACHUSETTS
By John C. Rader
1994