UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES
MAP MF-653 A

MAP SHOWING DRAINAGE AREAS, WEST SPRINGFIELD QUADRANGLE, MASSACHUSETTS–CONNECTICUT

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1975

EXPLANATION

Map shows stream systems and drainage areas that contribute streamflow to selected sites on streams.

Drainage areas shown have not been adjusted for the manmade changes in the natural regimens such as storm sewers, diversion dams, canals, and tunnels.

STREAM SYSTEMS

AREA DRAINED BY THE WESTFIELD RIVER SYSTEM (Tributary to the Connecticut River)

AREA DRAINED BY SMALLER STREAM SYSTEMS TRIBUTARY TO THE CONNECTICUT RIVER

DRAINAGE DIVIDE BETWEEN STREAM SYSTEMS

DRAINAGE-AREA BOUNDARY

513

TOTAL DRAINAGE AREA- Number indicates area in square miles that contributes streamflow to selected site on a stream (area in square miles x 2.59 = area in square kilometres). Where the selected site is a mouth of tributary stream, generally two numbers and associated drainage-area boundaries are shown. One number is the square miles of drainage area of tributary stream at its mouth, and the other number is the square miles of drainage area of the larger or main stream immediately upstream from the mouth of tributary stream. The square miles of drainage area of the larger or main stream immediately downstream from the mouth of tributary stream is, therefore, the sum of the two numbers shown.

SELECTED SITES
Symbols may be superimposed

△ STREAM-GAGING SITE

□ SURFACE-WATER SAMPLING SITE

○ MOUTH OF TRIBUTARY STREAM

X SUPPLEMENTAL SITE

GENERALIZED DIRECTION OF STREAMFLOW

REFERENCE

Thomas, M.P., 1972, Gazetteer of natural drainage areas of streams and water bodies within the State of Connecticut: Connecticut Dept. of Environmental Protection Bull. 1, 89p.

Base from U S Geological Survey, 1958
10,000-foot grid based on Massachusetts coordinate system mainland zone and Connecticut coordinate system
1000-meter Universal Transverse Mercator grid ticks zone 18, shown in black

SCALE 1:24000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

13½° MAGNETIC NORTH TRUE NORTH
APPROXIMATE MEAN DECLINATION, 1958

MASS.
QUADRANGLE LOCATION