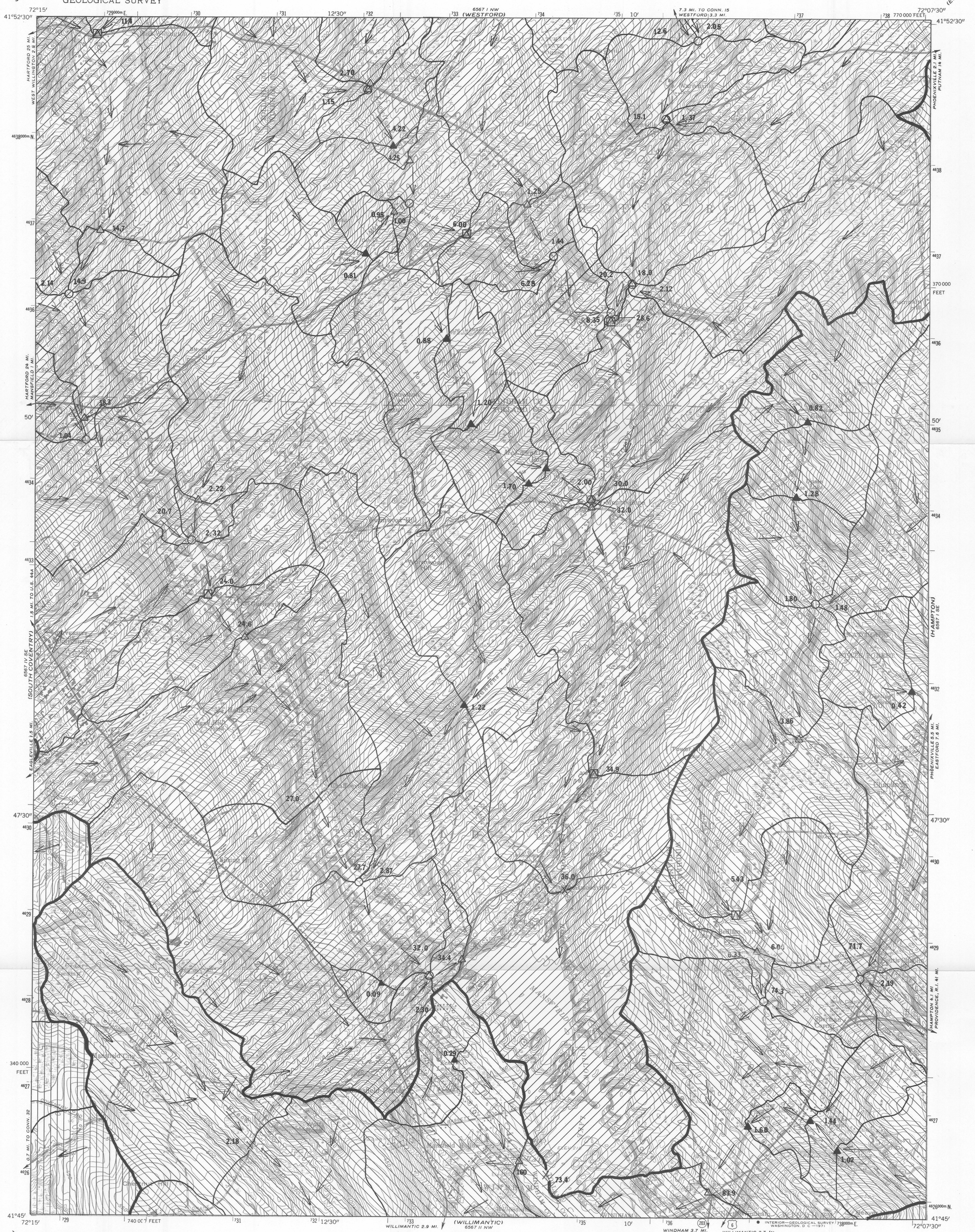
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES
MAP MF-622 A



Base from U. S. Geological Survey, 1953
Photorevision as of 1970
10,000-foot grid based on Connecticut coordinate system
1000-meter Universal Transverse Mercator grid ticks
zone 18

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

QUADRANGLE LOCATION

MAP SHOWING DRAINAGE AREAS, SPRING HILL QUADRANGLE, CONNECTICUT

By

Mendall P. Thomas and Daniel B. Meade

1974

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 NATCHAUG RIVER (Tributary to the Thames River)

AREA DRAINED BY THE MOUNT HOPE RIVER (Tributary to the Thames River)

AREA DRAINED BY THE WILLIMANTIC RIVER (Tributary to the Thames River)

DRAINAGE DIVIDE BETWEEN STREAM SYSTEMS

DRAINAGE-AREA BOUNDARY

TOTAL DRAINAGE AREA- 1.80 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 kilometers). 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

OUTLET OF SURFACE-WATER IMPOUNDMENT

MOUTH OF TRIBUTARY STREAM

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.