

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EXPLANATION

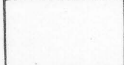
Map shows stream systems and drainage areas that contribute streamflow to selected sites on streams.

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 DRAIN BY SMALLER STREAM SYSTEMS
TRIBUTARY TO LONG ISLAND SOUND



AREA DRAIN BY SMALLER STREAM SYSTEMS
TRIBUTARY TO THE CONNECTICUT RIVER

190 000
FEET

DRAINAGE DIVIDE BETWEEN STREAM SYSTEMS

DRAINAGE-AREA BOUNDARY

5.35

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



OUTLET OF SURFACE-WATER IMPOUNDMENT



MOUTH OF TRIBUTARY STREAM



SUPPLEMENTAL SITE



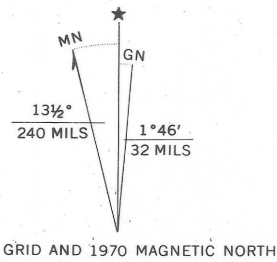
GENERALIZED DIRECTION OF STREAMFLOW

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.



Base from U.S. Geological Survey 1958
Photorevision as of 1970
10,000-foot grid based on Connecticut coordinate system
1000-meter Universal Transverse Mercator grid ticks
zone 18, shown in black



SCALE 1:24 000
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER



MAP SHOWING DRAINAGE AREAS,
OLD LYME QUADRANGLE,
CONNECTICUT

By
Mendall P. Thomas

1975