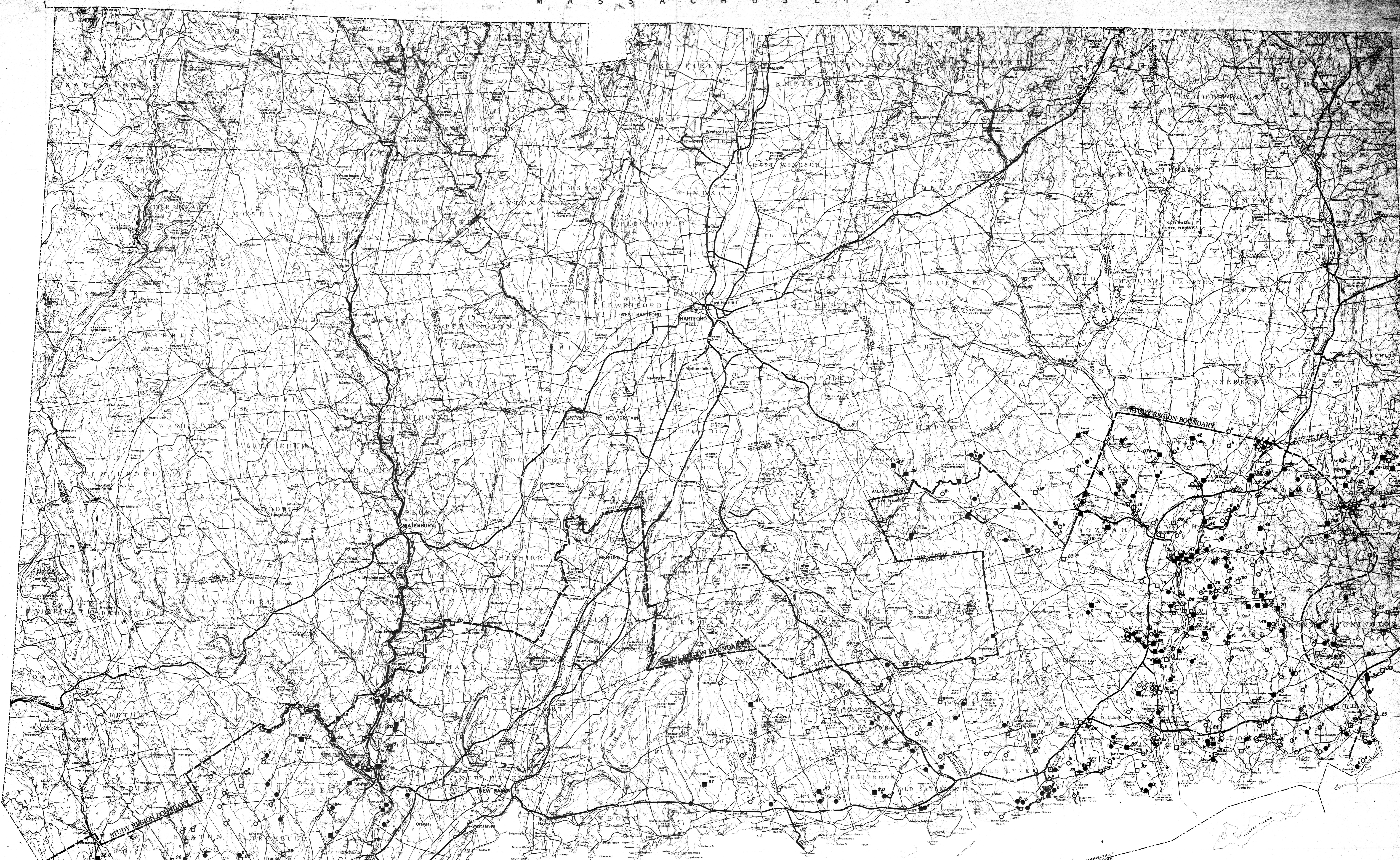


NEW YORK

RHODE ISLAND



IRON AND MANGANESE CONCENTRATIONS IN STREAMS AT LOW FLOW AND IN GROUND WATER ON NORTH COAST OF LONG ISLAND SOUND, CONNECTICUT  
Compiled by Robert L. Melvin and F. P. Haeni, 1973

Based on published and unpublished data assembled for the Long Island Sound Regional Study of the New England River Basins Commission by the U. S. Geological Survey

**EXPLANATION**  
LONG ISLAND SOUND STUDY WATER QUALITY

IRON AND MANGANESE CONCENTRATIONS IN STREAMS AT LOW FLOW (in milligrams per liter)	IRON AND MANGANESE CONCENTRATIONS IN GROUND WATER (in milligrams per liter)
0.35 Iron equal to or less than 0.5 mg/l Manganese equal to or less than 0.05 mg/l	0.35 Iron equal to or less than 0.5 mg/l Manganese equal to or less than 0.05 mg/l
0.57 Iron concentrations in milligrams per liter	0.57 Iron greater than 0.5 mg/l Manganese greater than 0.05 mg/l
0.45 Iron greater than 0.5 mg/l and/or Manganese greater than 0.05 mg/l	
0.45 Iron concentrations in milligrams per liter	

**AQUIFER**  
Unconsolidated drift  
Consolidated bedrock  
Unconsolidated bedrock

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**STATE OF CONNECTICUT**

Scale 1:125,000  
1 inch equals approximately 2 miles

Contour interval 50 feet  
Datum is mean sea level

Compiled, edited, and published by the Geological Survey in cooperation with State of Connecticut agencies  
1977 North American datum. Polyconic projection.

**LEGEND**

Symbol	Description
Star	State capital
Circle with dot	City, town, or village
Circle with cross	Unincorporated place
Circle with dot and cross	Post office
Circle with cross and dot	County seat
Circle with cross and dot and cross	State park

**SOURCE DATA**

Symbol	Description
Circle with dot	1:50,000 topographic sheets
Circle with cross	1:250,000 topographic sheets
Circle with cross and dot	1:100,000 topographic sheets
Circle with cross and dot and cross	1:50,000 topographic sheets
Circle with cross and dot and cross and dot	1:25,000 topographic sheets

**BASE MAP**

BASE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20542  
COMPILED IN 1965  
EDITION OF 1965

**POPULATION KEY**

Symbol	Population
Star	More than 100,000
Circle with dot	25,000 to 100,000
Circle with cross	10,000 to 25,000
Circle with dot and cross	5,000 to 10,000
Circle with cross and dot	2,500 to 5,000

*Connecticut (Long Island Sound, North Coast). Water quality. 1:125,000. 1977. 74-520.*

74-520