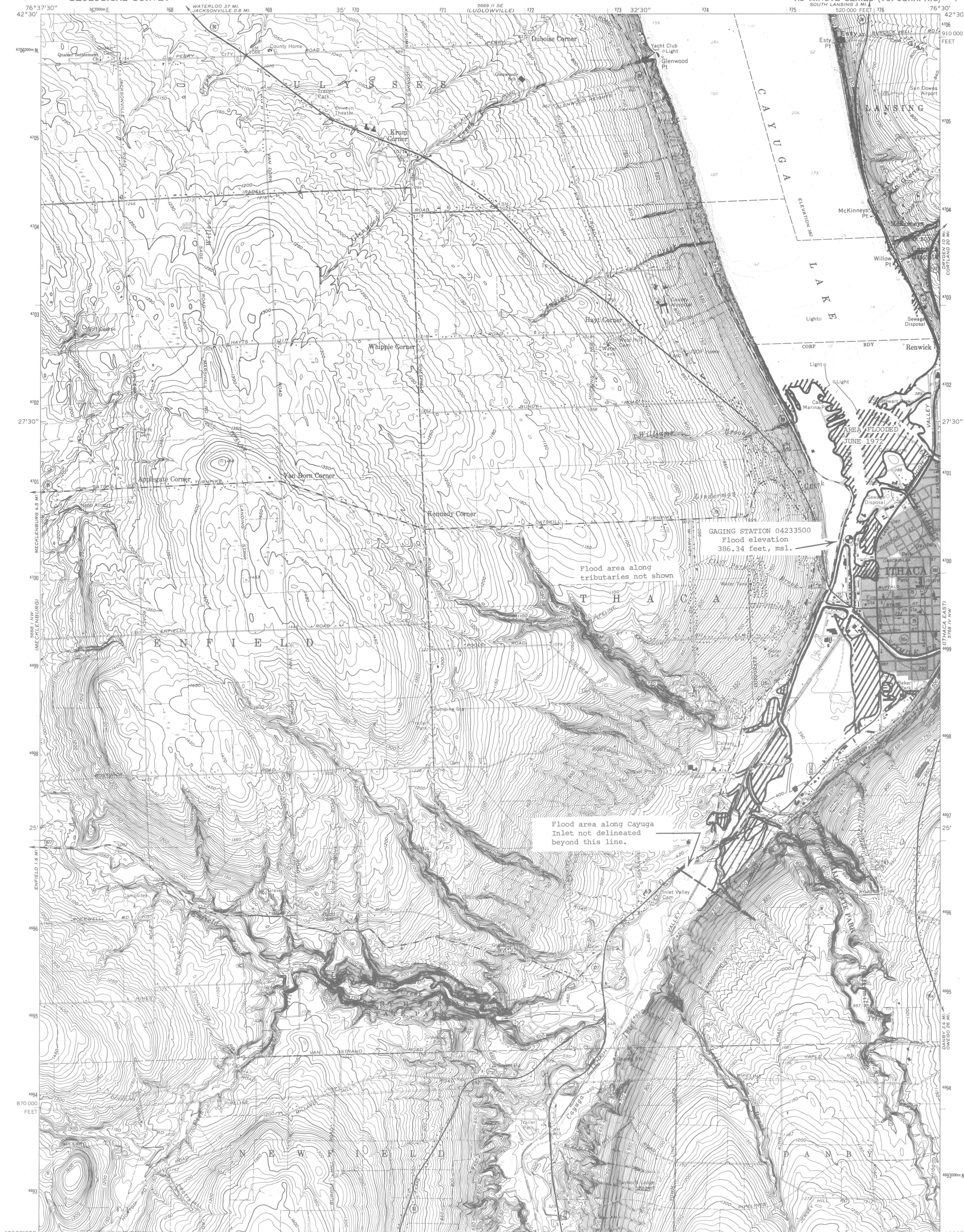


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FLOOD OF JUNE 1972
CAYUGA INLET AND CAYUGA LAKE AT ITHACA, NEW YORK

By W.H. Johnston

ITHACA WEST QUADRANGLE
NEW YORK-TOMPKINS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SOUTH LANSING 3 MI.
520 000 FEET



In June 1972, tropical storm Agnes caused severe flooding in Pennsylvania and southern New York. The floods on many major streams were the highest known since the river valleys were settled. Maximum discharges were as much as twice the discharge of a 50-year flood. In southern New York, large areas in Corning, Elmira, Wellsville, Salamanca, and in many smaller communities were inundated to depths of several feet. Levels of all of the Finger Lakes were higher than any previously recorded, and extensive flooding of lakeside properties resulted.

The extent of flooding shown on the map was delineated by the U.S. Geological Survey from field surveys made immediately after the flood. The investigation was conducted in cooperation with the State of New York and the U.S. Army Corps of Engineers.



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 382 FEET
New York State (Ithaca West quad). Floods. 1:24,000. 1972.
1972 *cop. 1.*

OPEN-FILE MAP

EXPLANATION
Boundary of June 1972 flood
Flood boundaries delineated from field surveys.
ITHACA WEST, N. Y.

Base by U. S. Geological Survey
1969

DEC 6 1972
WASHINGTON
LIBRARY

M(200)
R290

no. 72-199
C.1

USGS LIBRARY - RESTON
3 1818 00134835 6