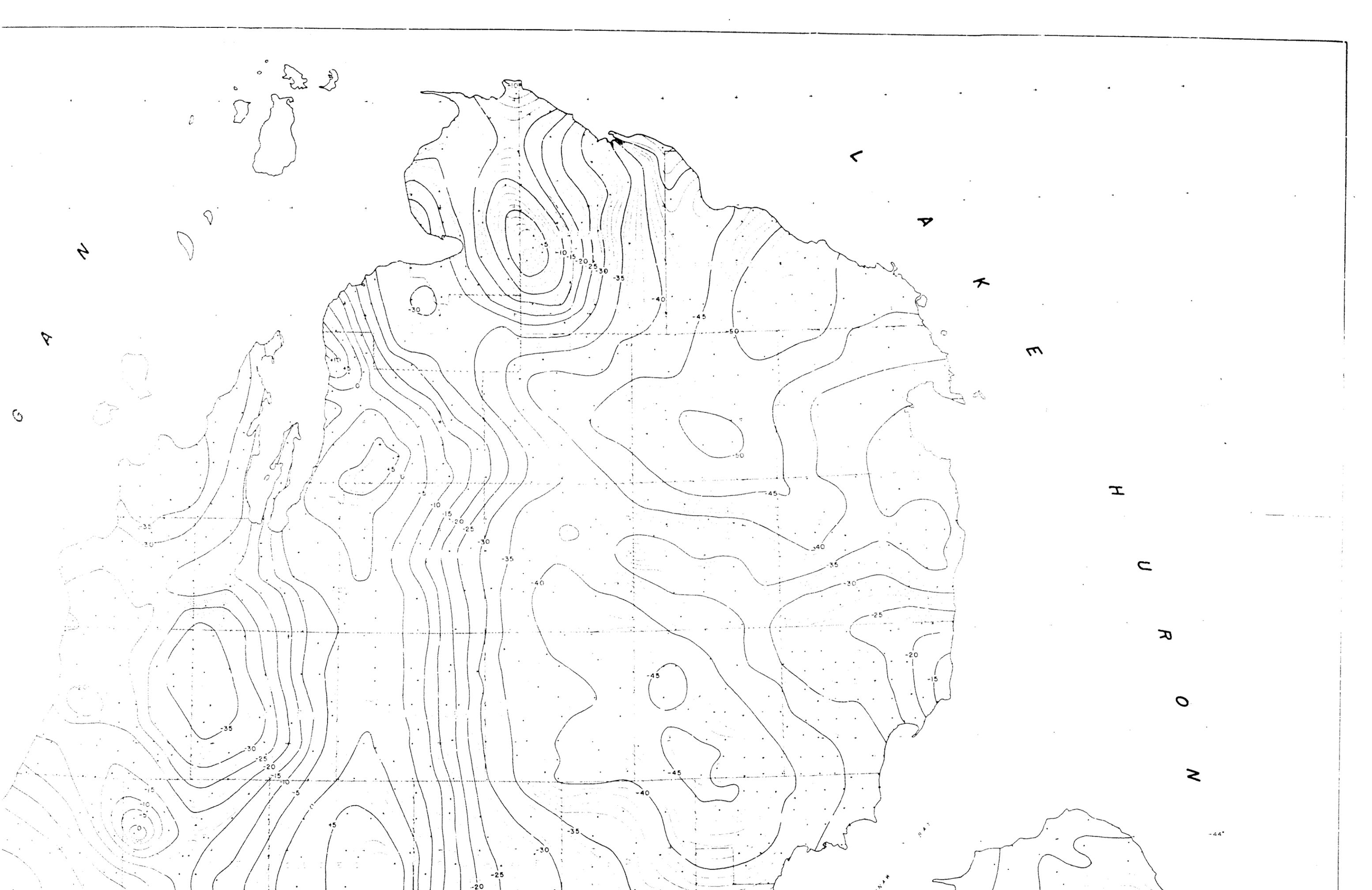
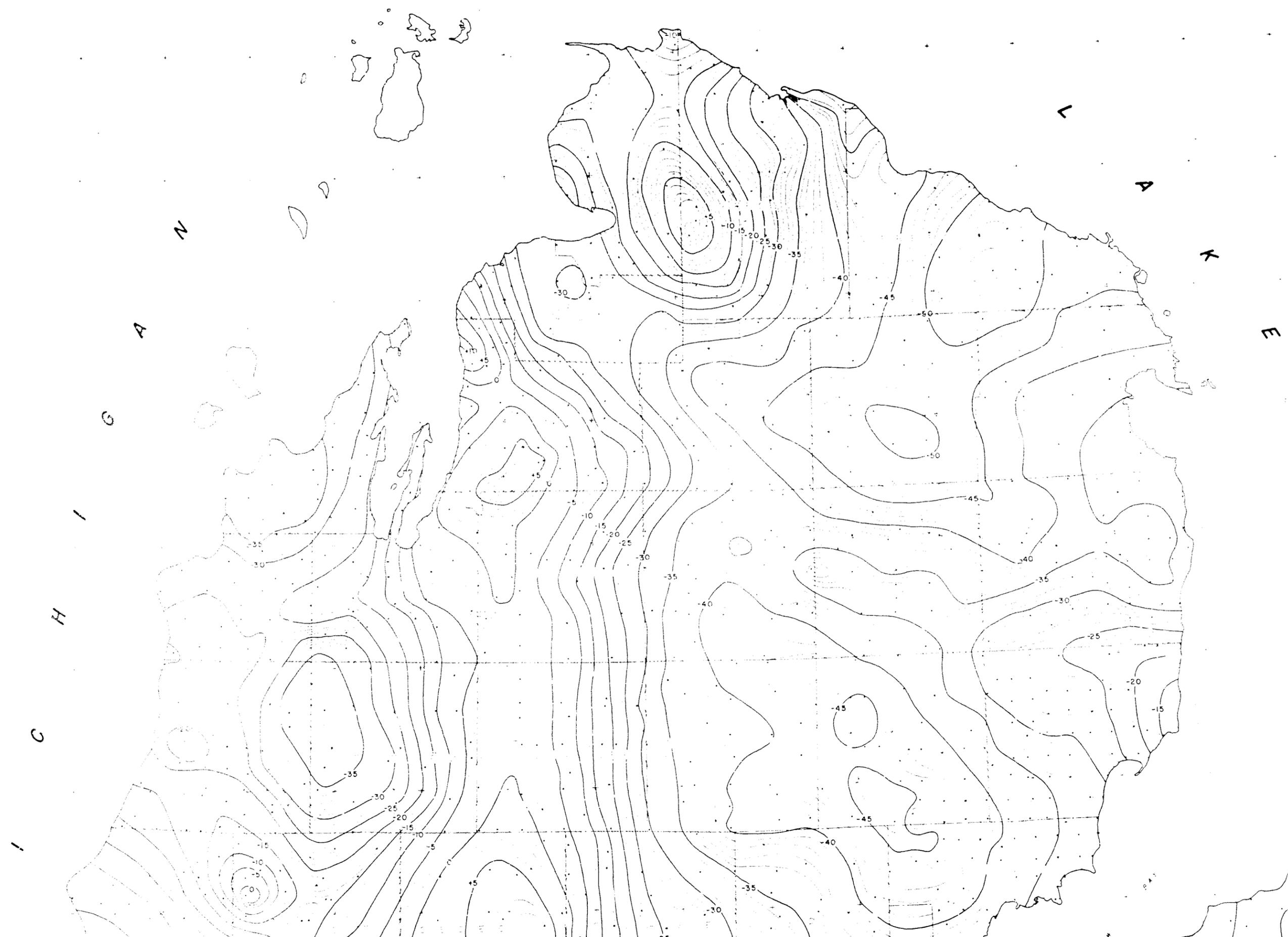


The maps for this out-of-print report were missing. We have made split xerox copies of the two maps to go with this report in order to fill your current request for this material. We hope this expediency will temporarily satisfy your needs until we can get R of I 1 reprinted.

There will be no charge for this copy of R of I 1.

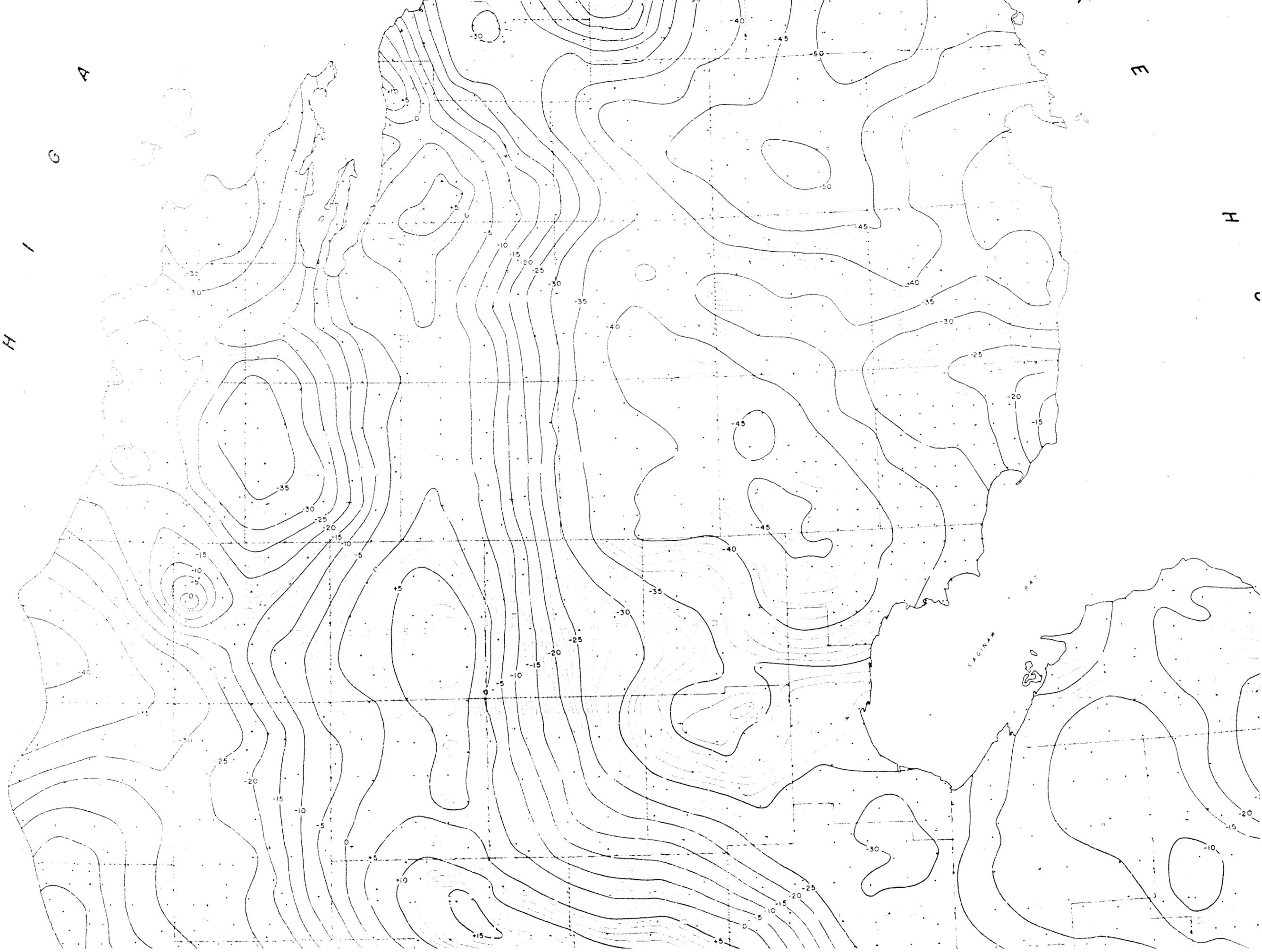
Geological Survey Division  
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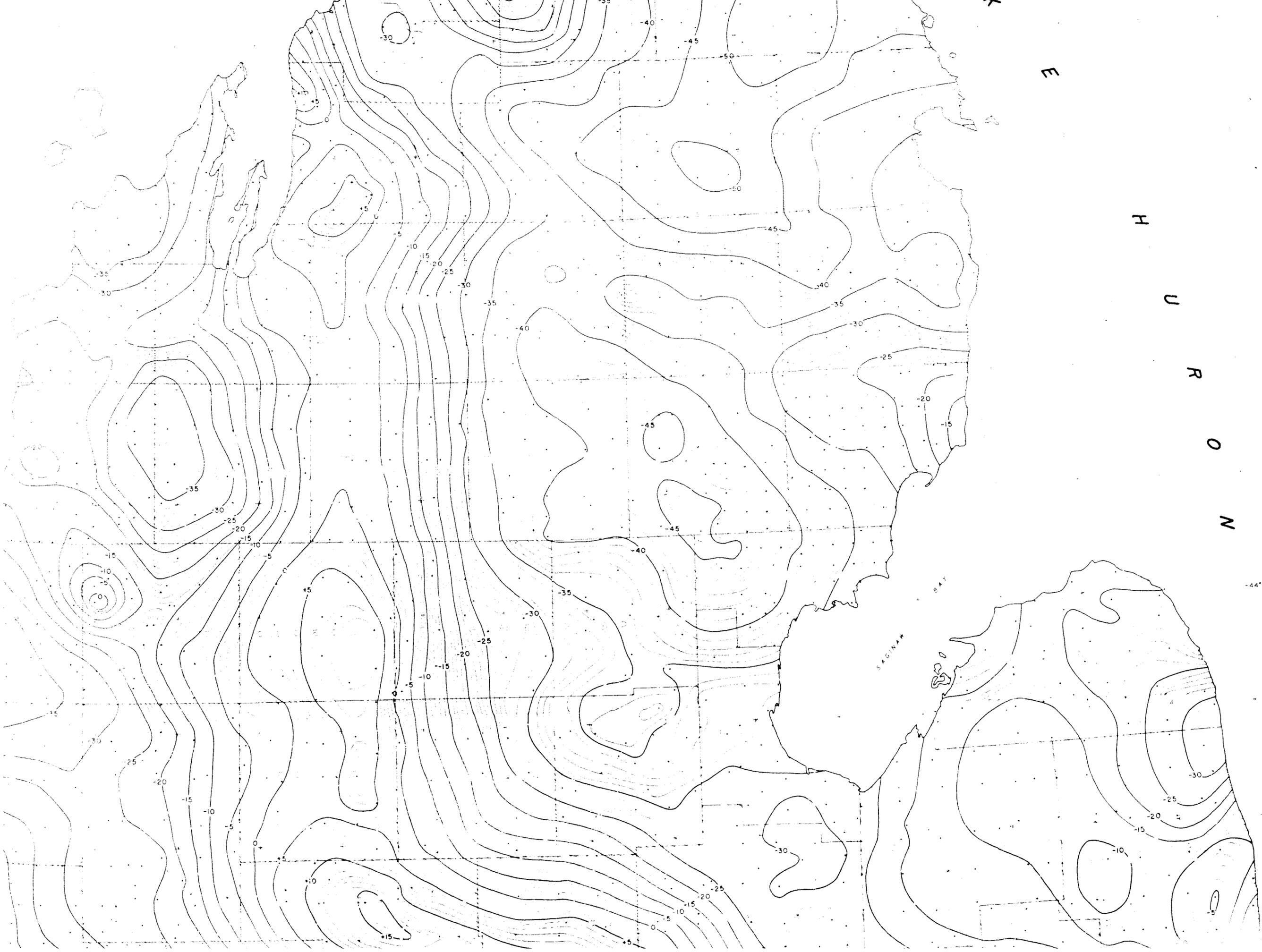


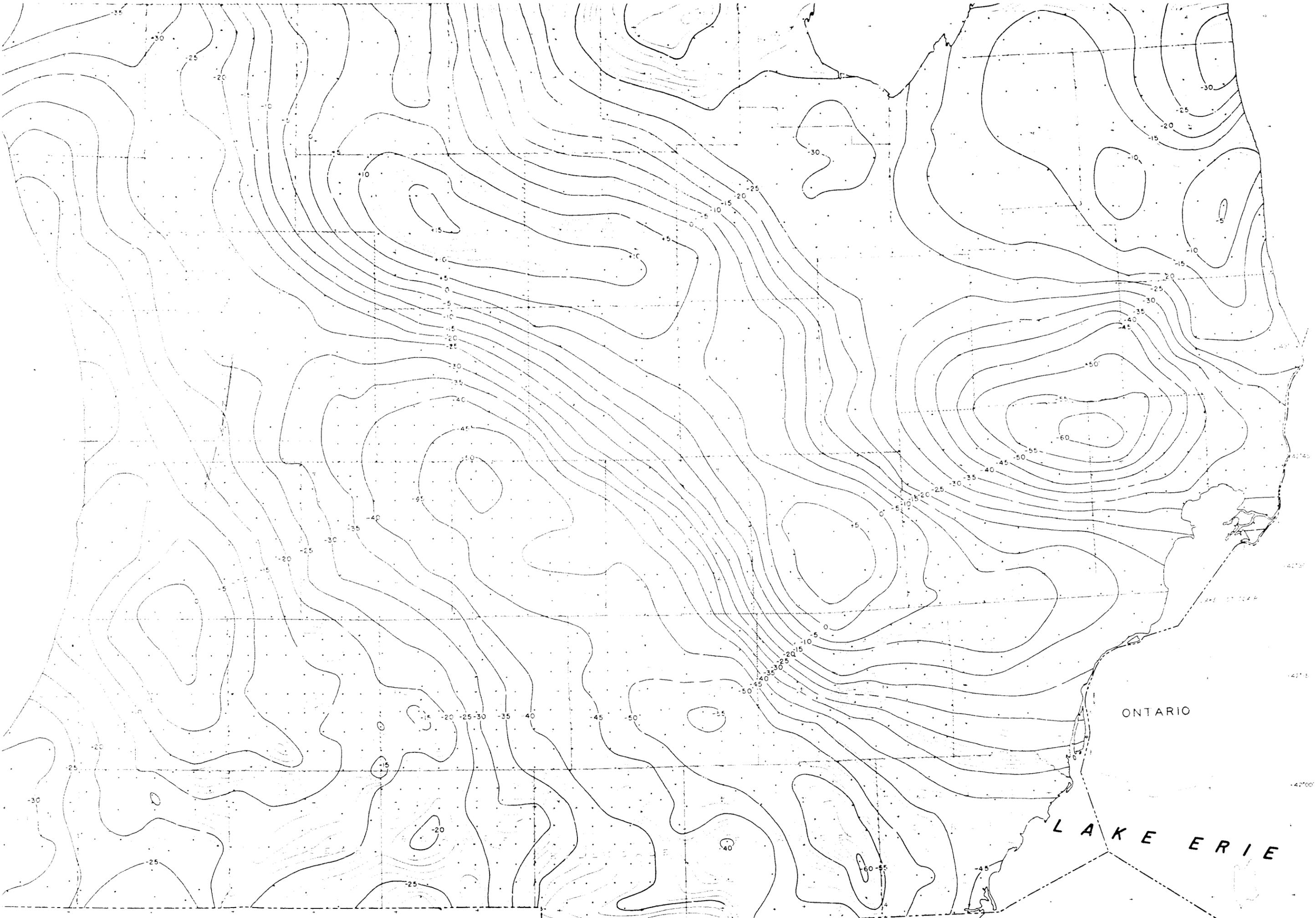


M I C H I G A N

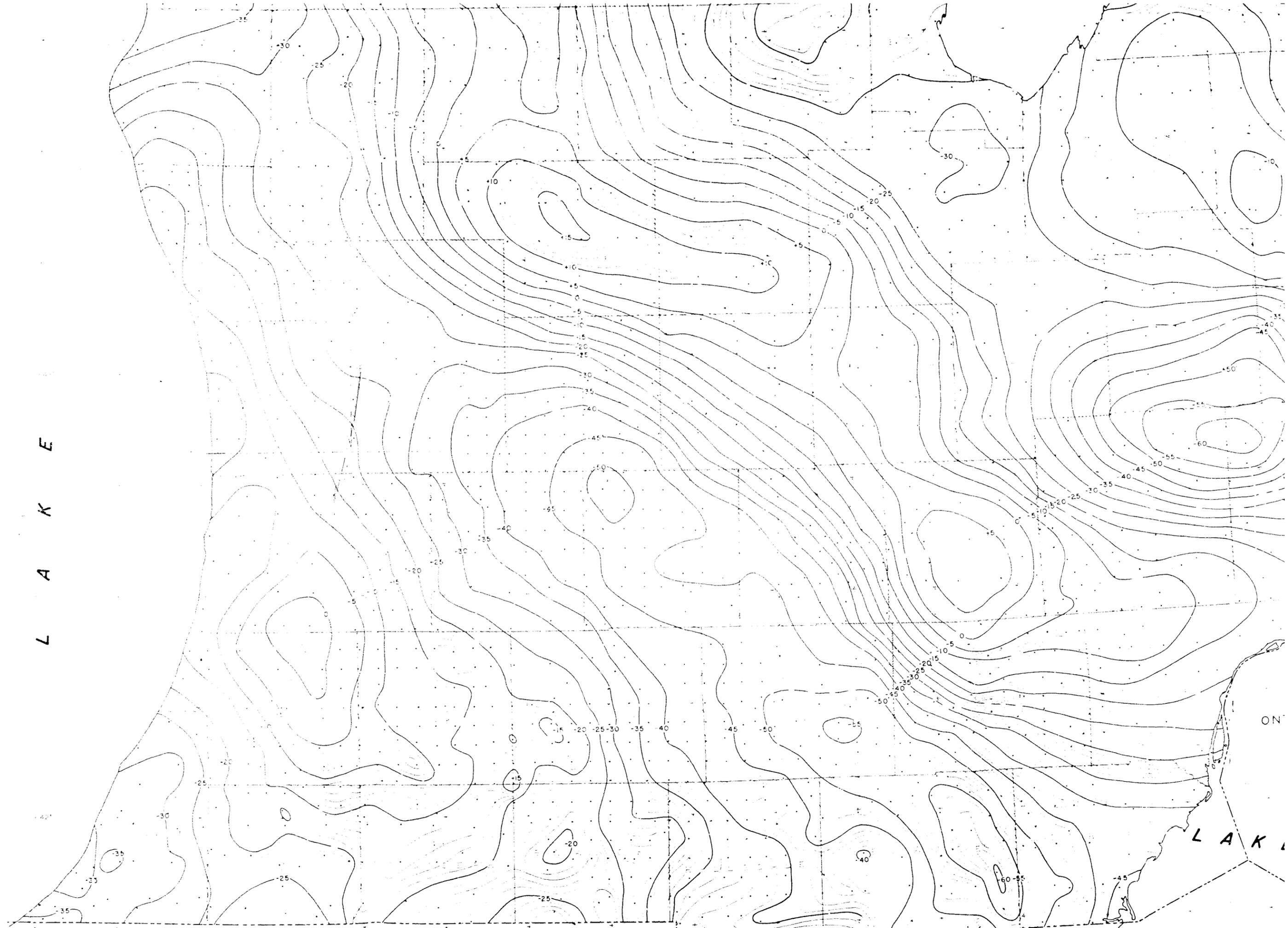
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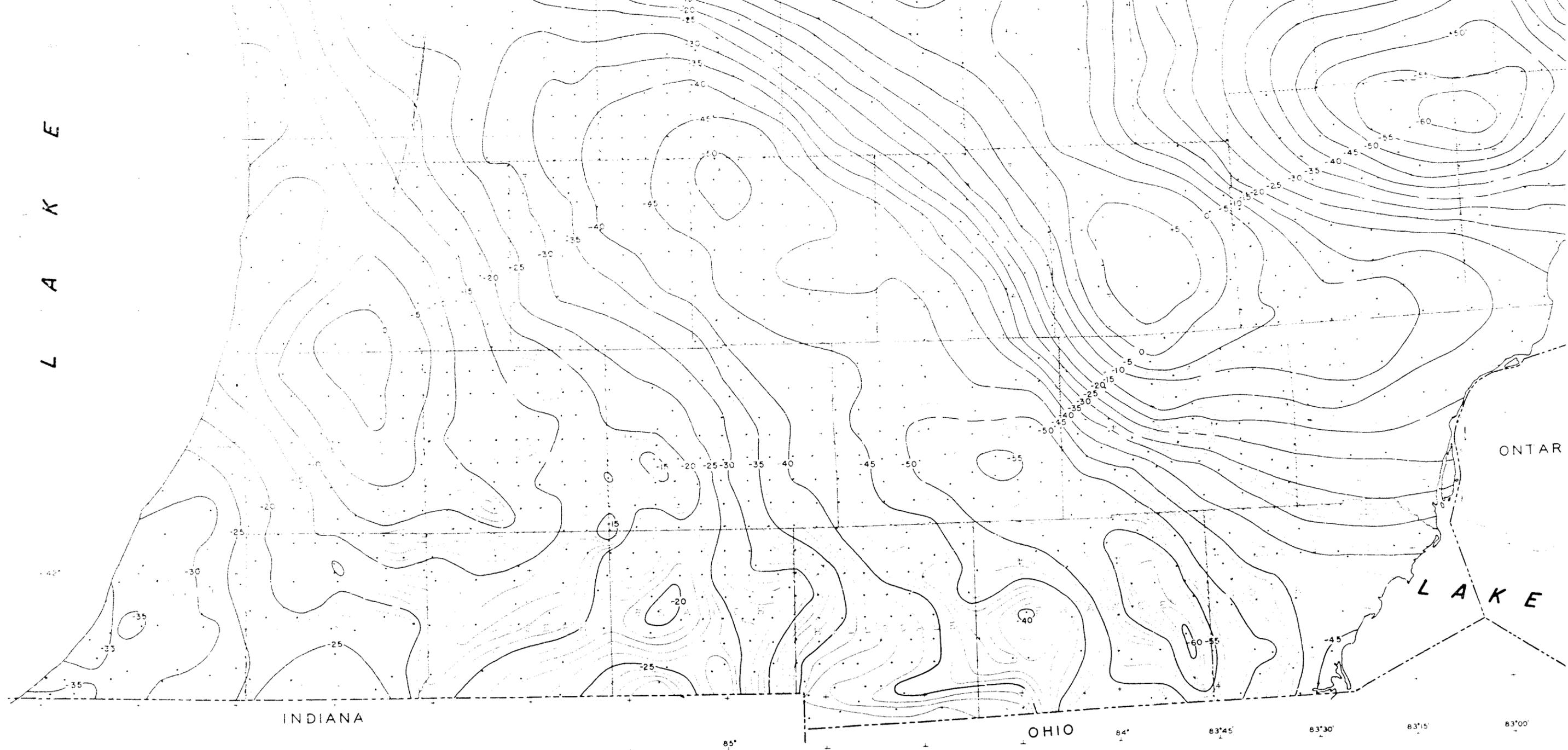


L A K E



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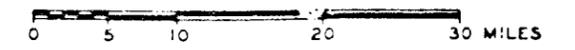
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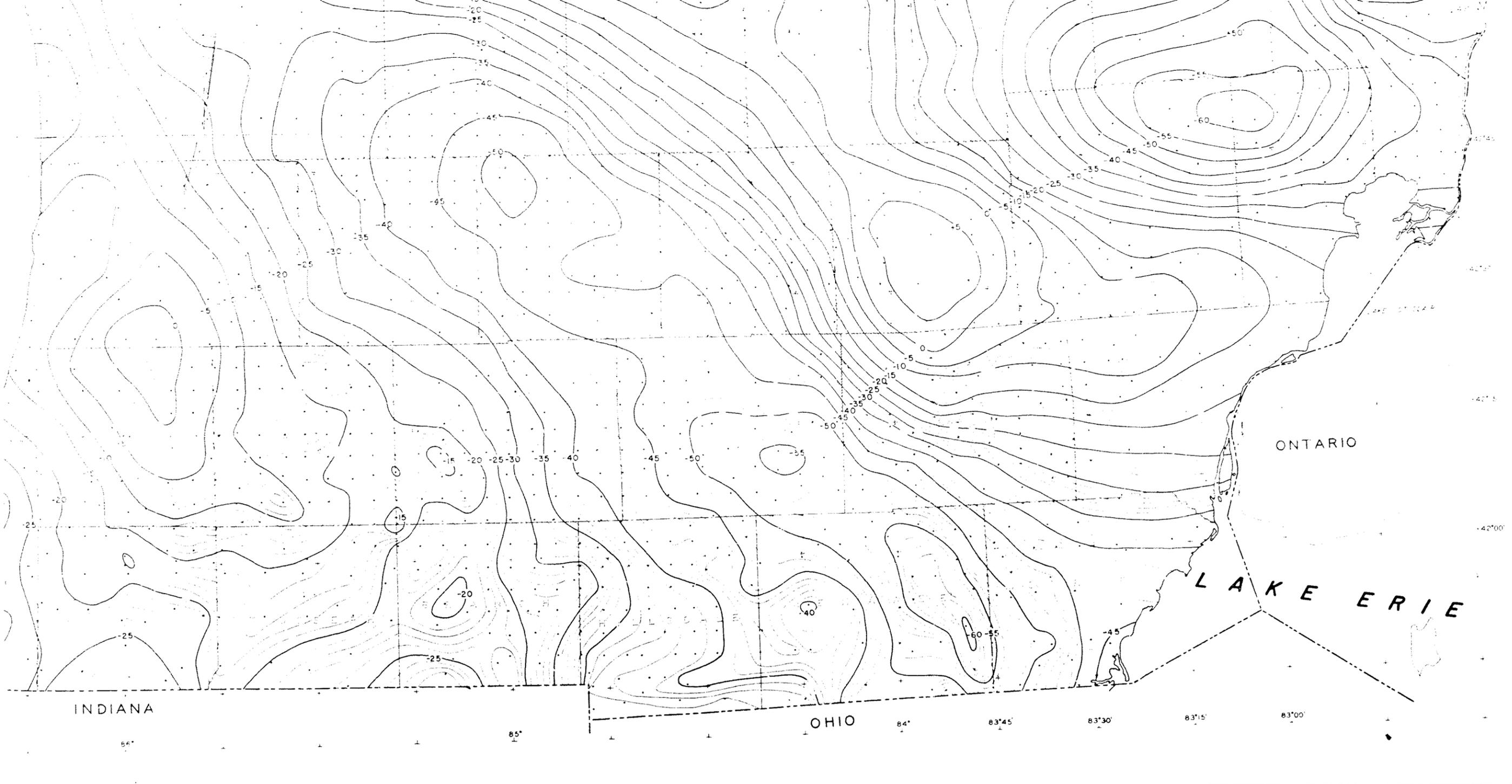
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 1963

BOUGUER GRAVITY ANOMALY MAP  
 OF THE  
 SOUTHERN PENINSULA  
 OF  
 MICHIGAN

CONTOUR INTERVAL 1 MILLIGAL      SCALE 1:500,000



THE GRAVITY ANOMALIES REFER TO THE INTERNATIONAL GRAVITY FORMULA  
 AND A ROCK DENSITY OF 2.67 GM/CC



BOUGUER GRAVITY ANOMALY MAP  
 OF THE  
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CONTOUR INTERVAL 1 MILLIGAL SCALE 1:500,000

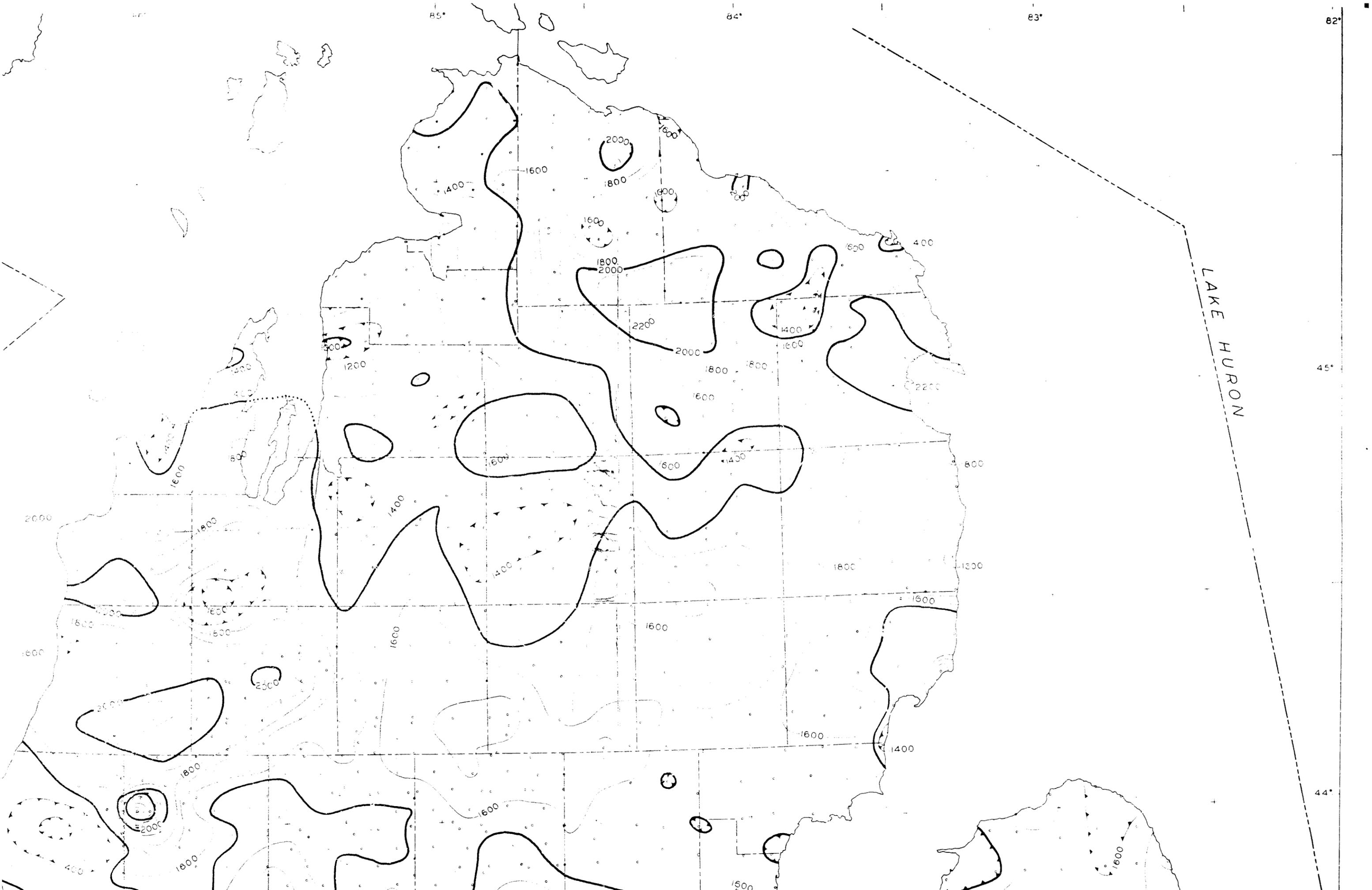


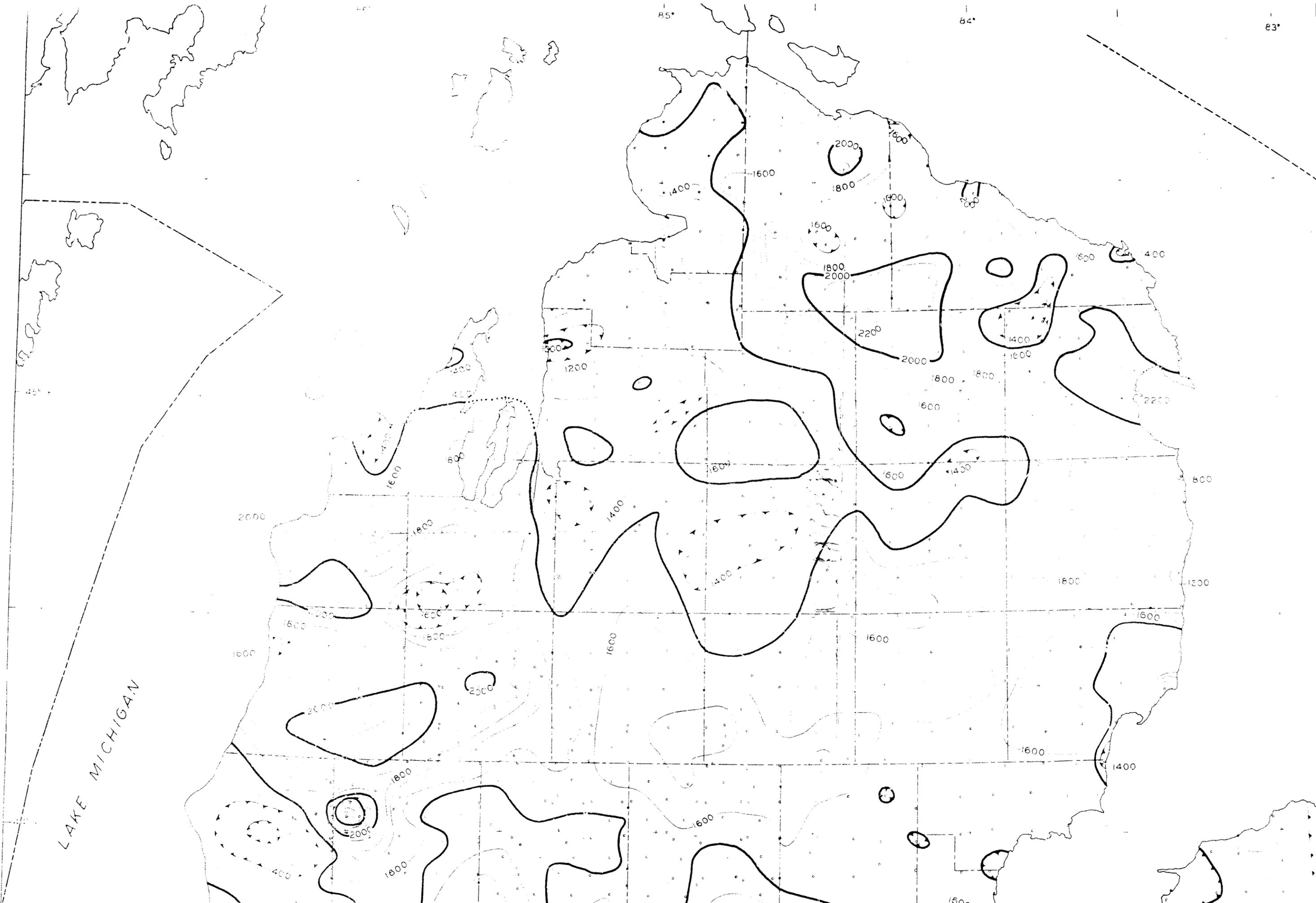
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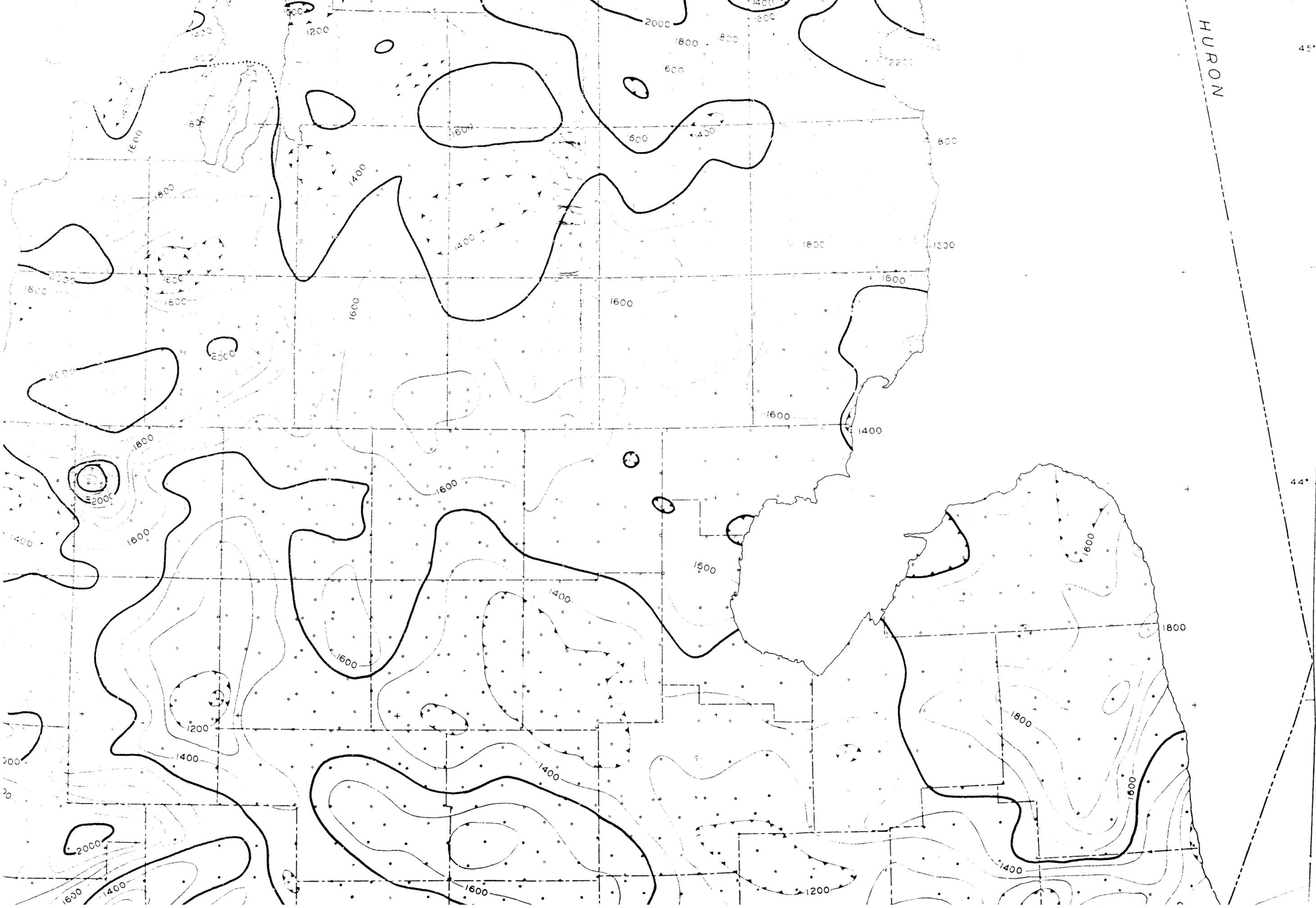
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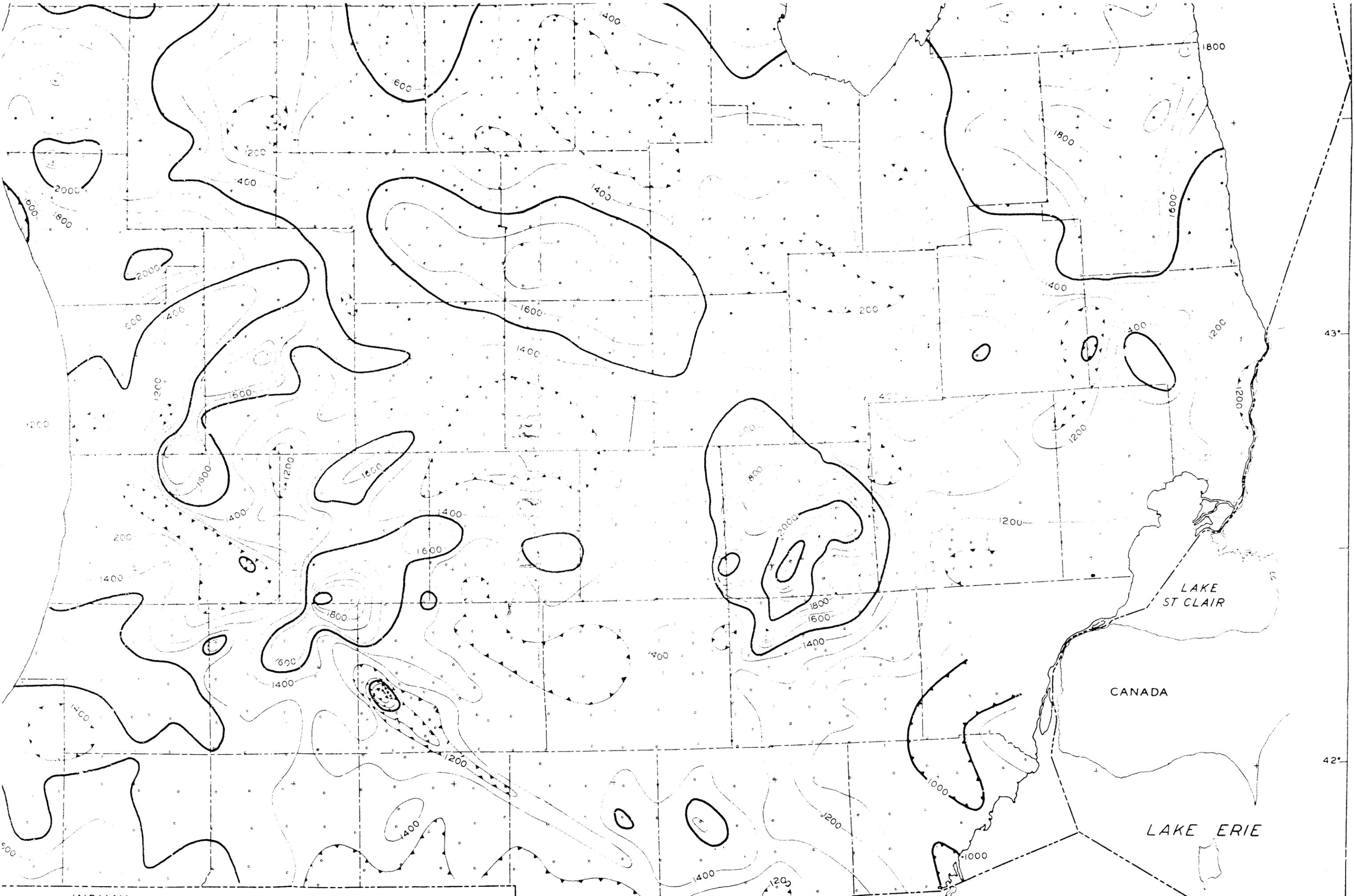
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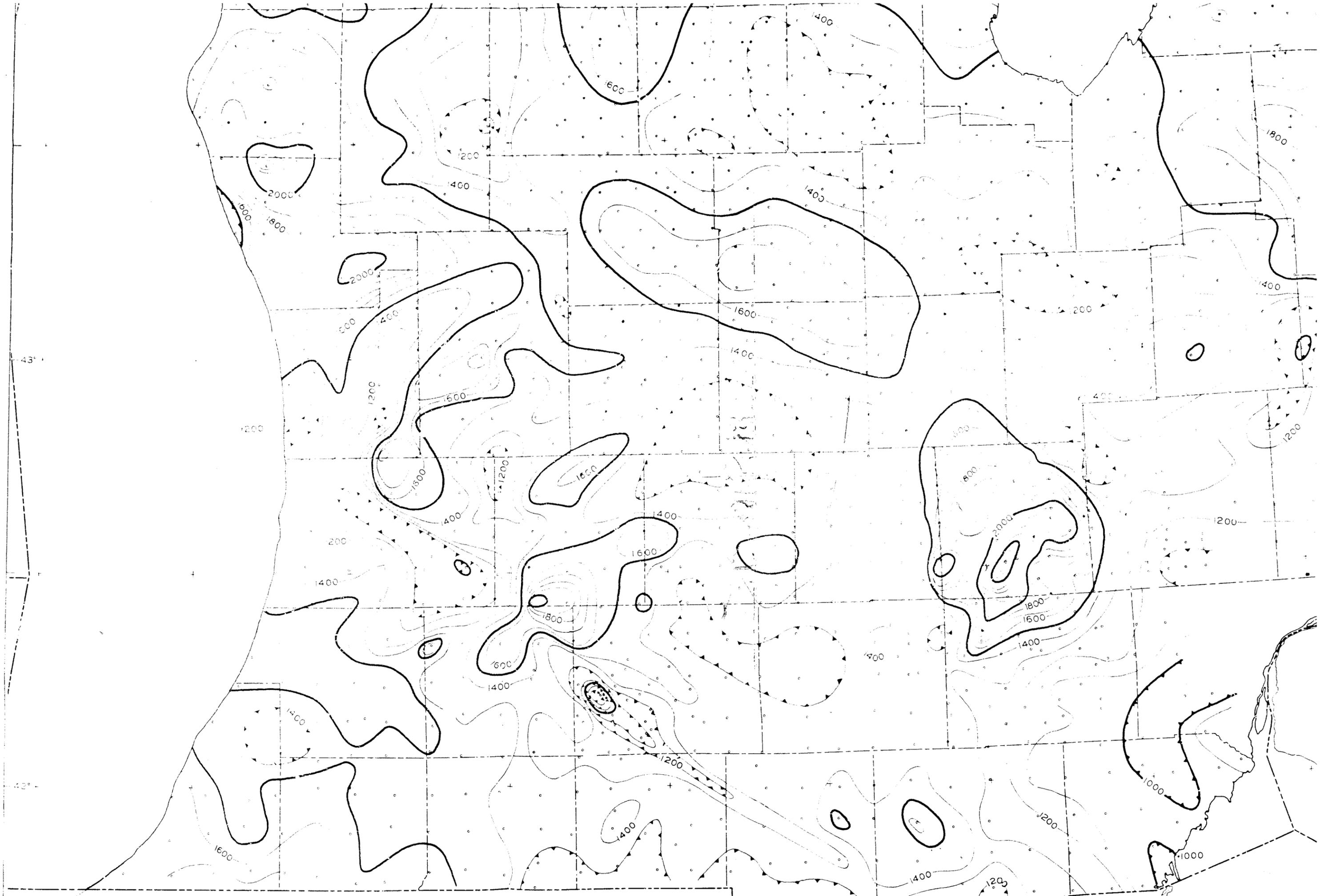


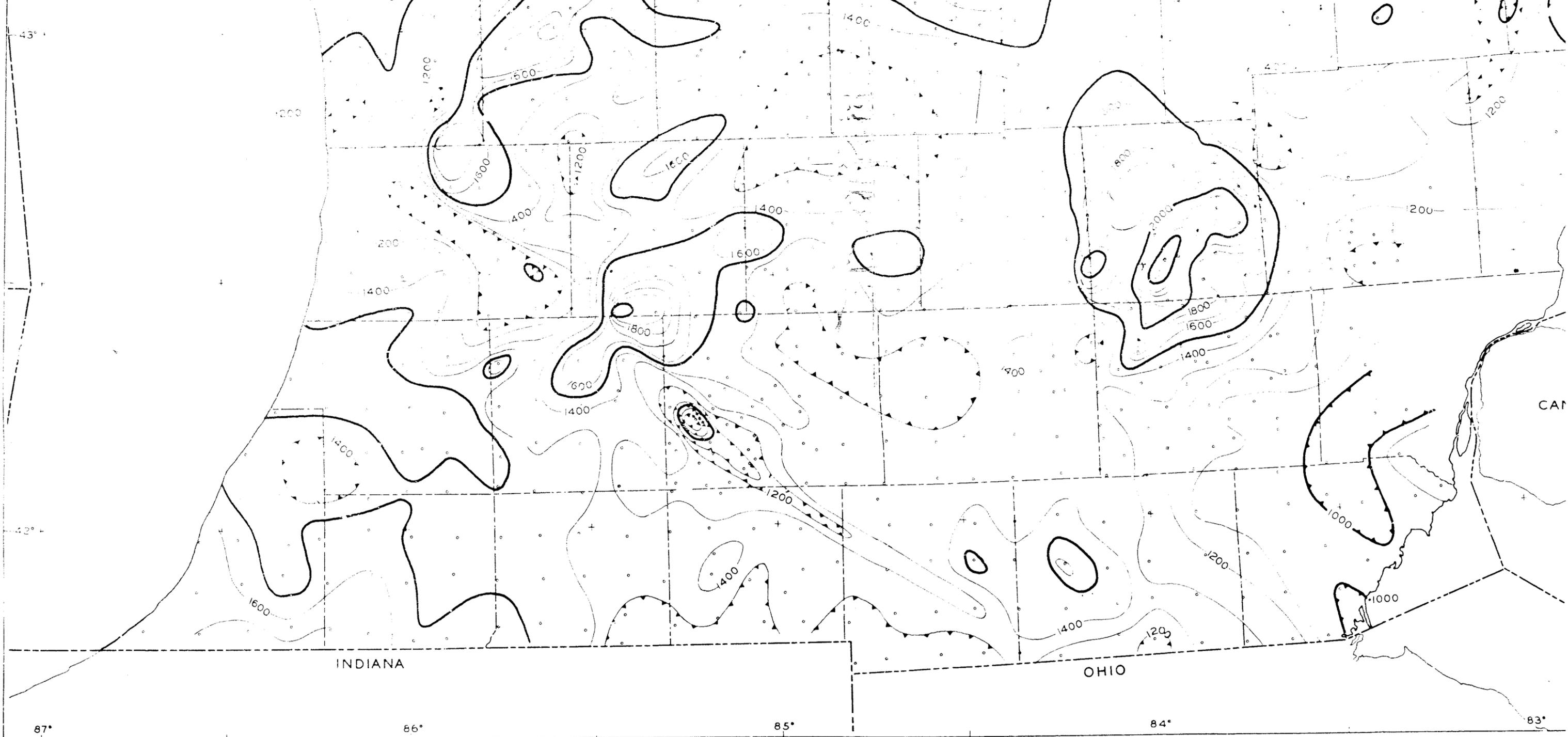












**EXPLANATION**

◦ STATION LOCATION

THIS MAP IS BASED ON A PENINSULA-WIDE MAGNETIC SURVEY CONDUCTED BY THE DEPARTMENT OF GEOLOGY, MICHIGAN STATE UNIVERSITY DURING THE PERIOD FROM JUNE, 1960 TO JANUARY, 1962 SUPPLEMENTED WITH DATA OBTAINED FROM PRIVATE SURVEYS OF LIMITED AREAS. MAGNETIC OBSERVATIONS AND REDUCTIONS WERE MADE BY STUDENTS AND STAFF OF THE DEPARTMENT OF GEOLOGY UNDER THE SUPERVISION OF W. J. HINZE. DATA TAKEN FROM U. S. C. & G. S. MAGNETIC CHARTS WERE USED TO ELIMINATE THE NORMAL MAGNETIC VARIATION.

**MAGNETIC MAP  
OF THE  
SOUTHERN PENINSULA OF MICHIGAN**

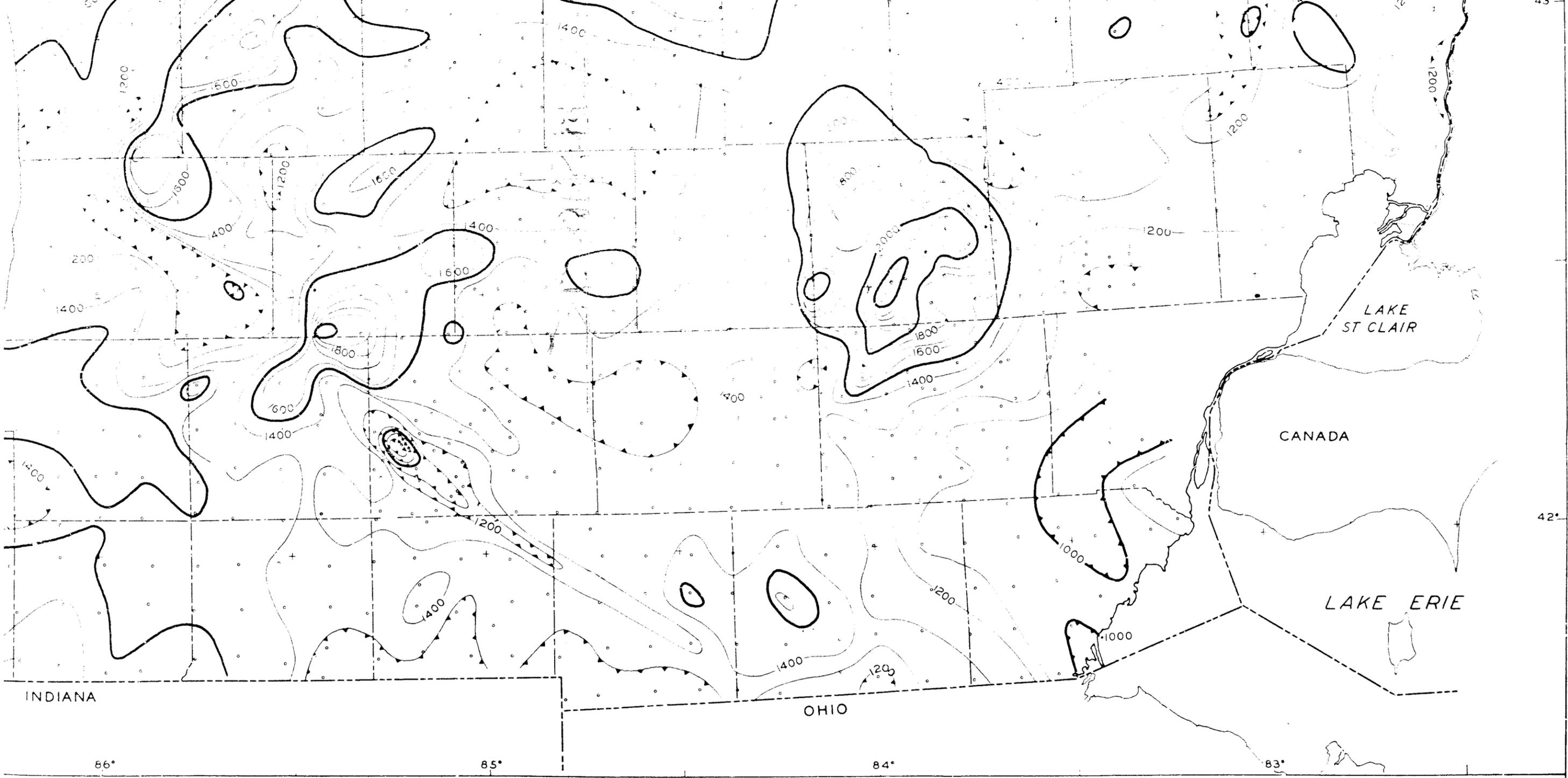
MICHIGAN  
GEO

SURFACE VERTICAL MAGNETIC INTENSITY CONTOURS RELATIVE TO ARBITRARY DATUM

SCALE 1:500,000



CONTOUR INTERVAL 100 GAMMAS



**EXPLANATION**

○ STATION LOCATION

MAGNETIC SURVEY CONDUCTED BY THE DEPARTMENT OF GEOLOGY, MICHIGAN FROM JUNE, 1960 TO JANUARY, 1962 SUPPLEMENTED WITH DATA OBTAINED FROM MAGNETIC OBSERVATIONS AND REDUCTIONS WERE MADE BY STUDENTS AND UNDER THE SUPERVISION OF W. J. HINZE, DATA TAKEN FROM U. S. G. S. MAGNETIC NORMAL MAGNETIC VARIATION.

**MAGNETIC MAP  
OF THE  
SOUTHERN PENINSULA OF MICHIGAN**  
SURFACE VERTICAL MAGNETIC INTENSITY CONTOURS RELATIVE TO ARBITRARY DATUM

SCALE 1:500,000



CONTOUR INTERVAL 100 GAMMAS

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