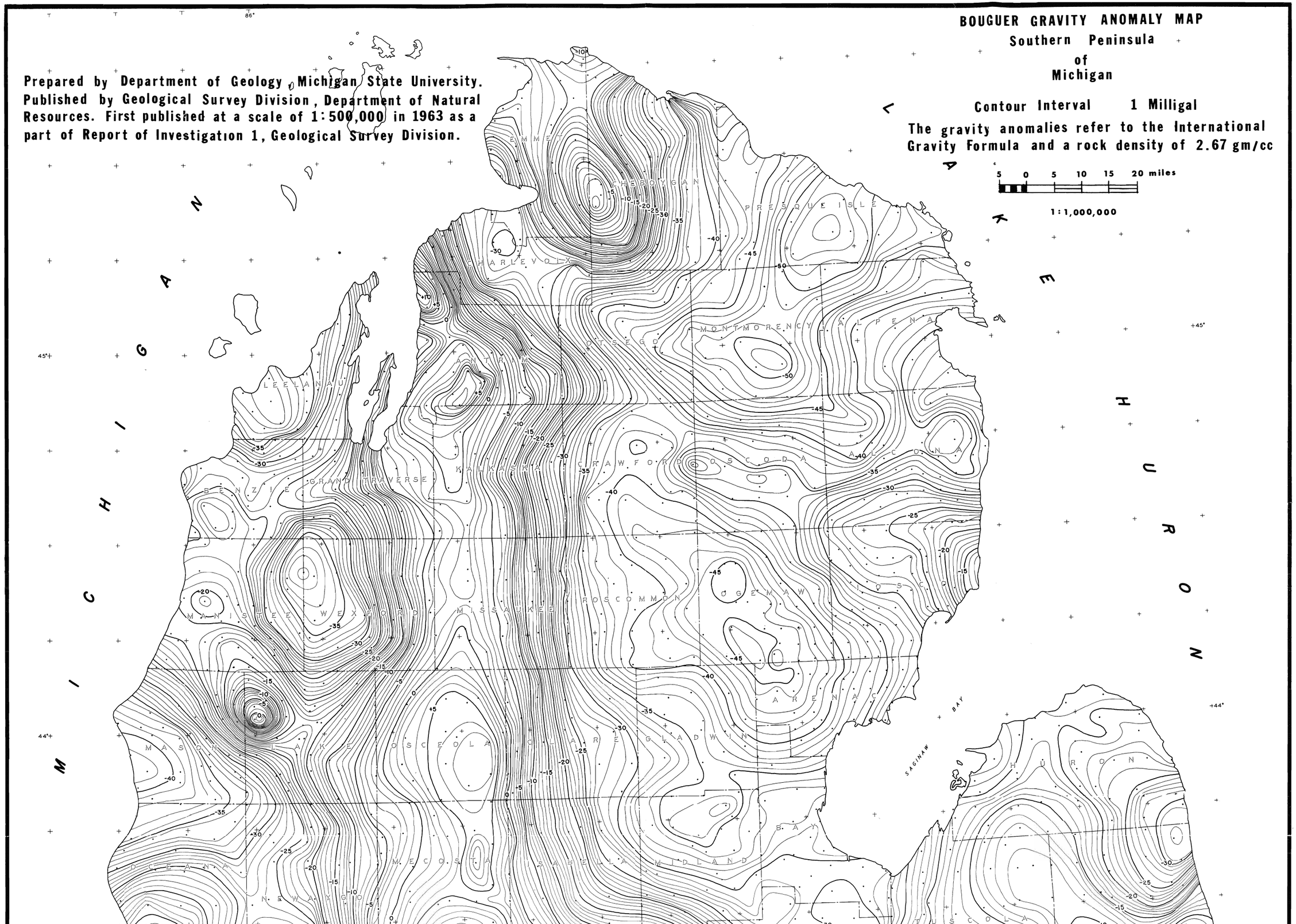
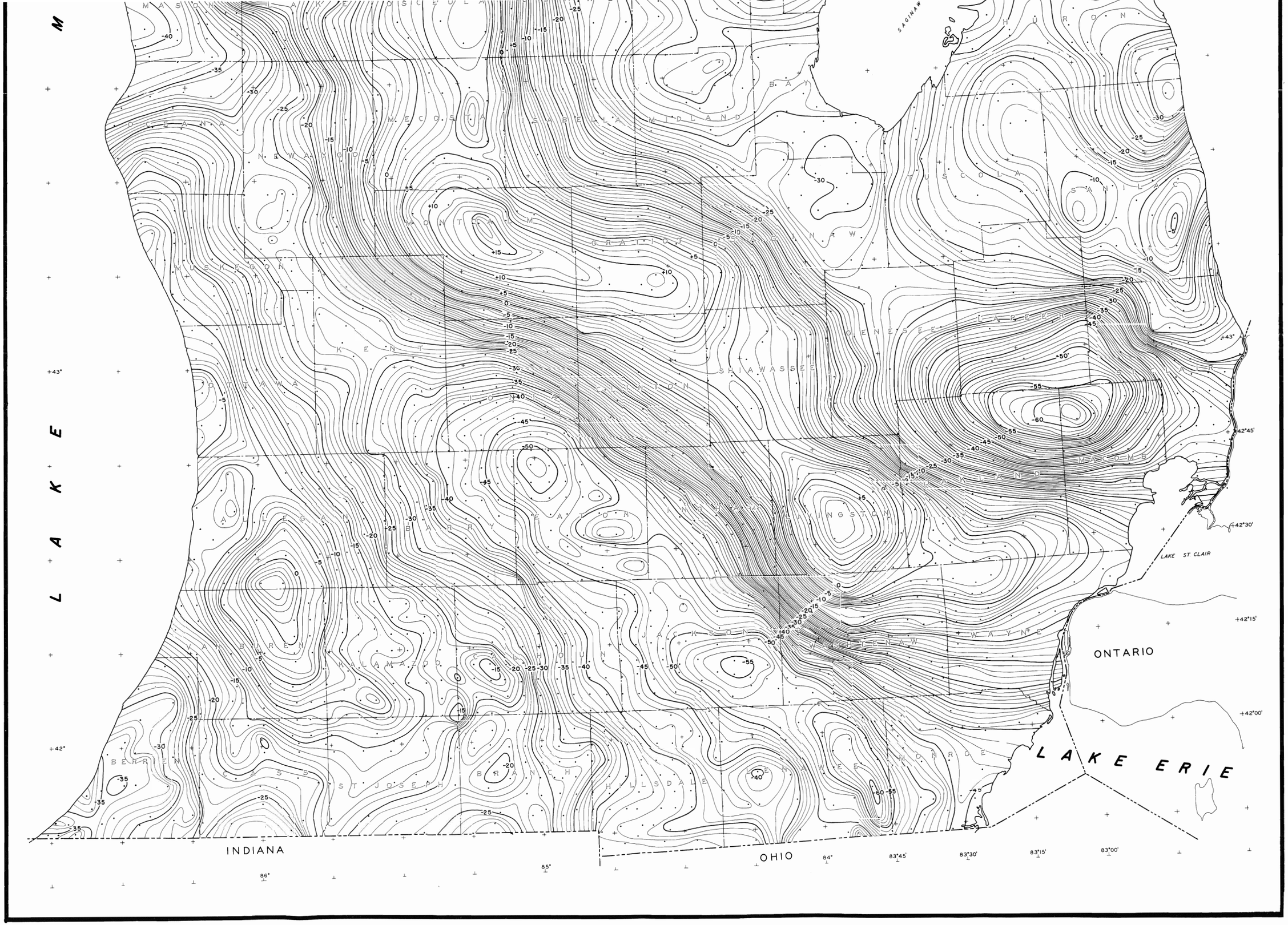
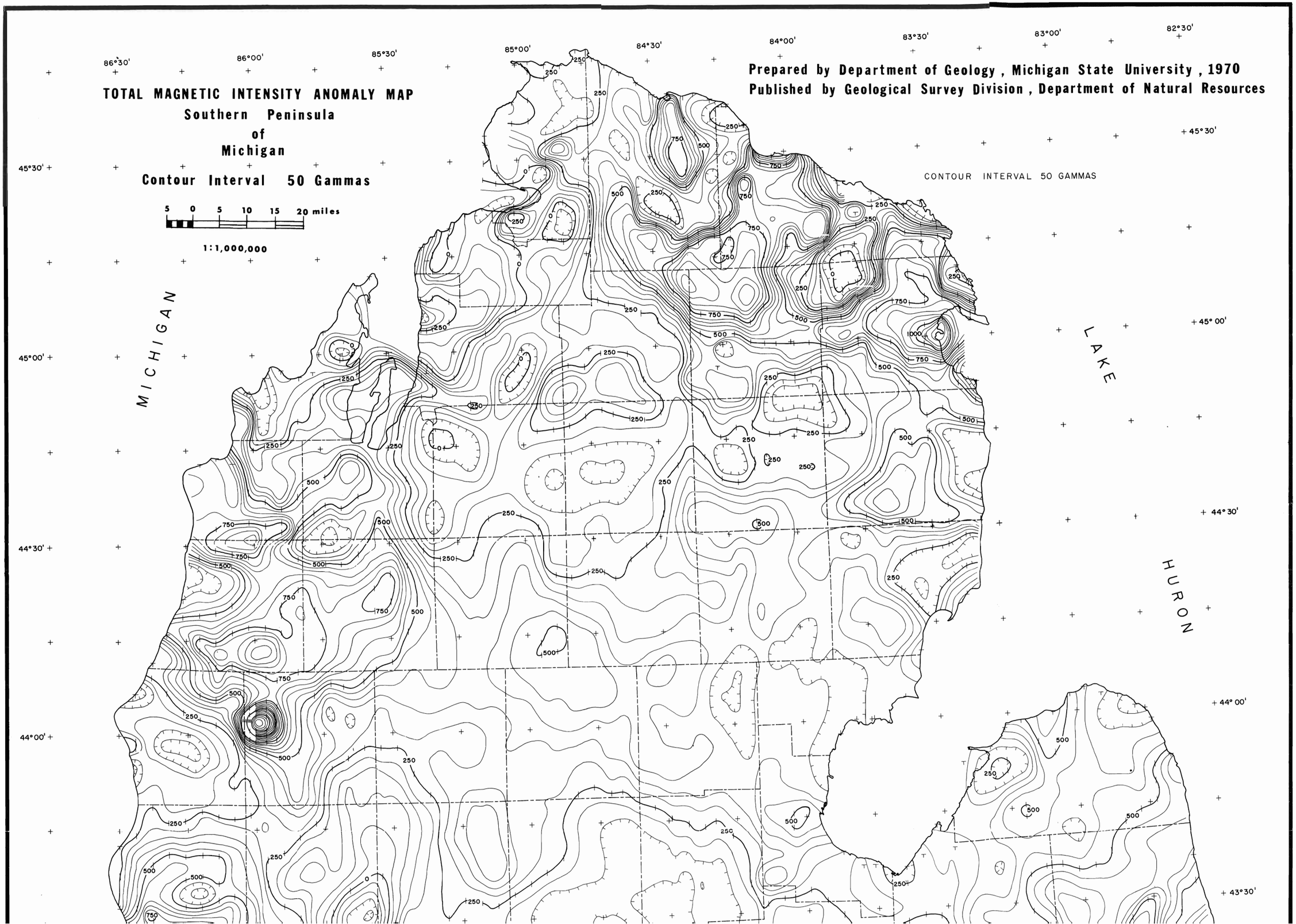
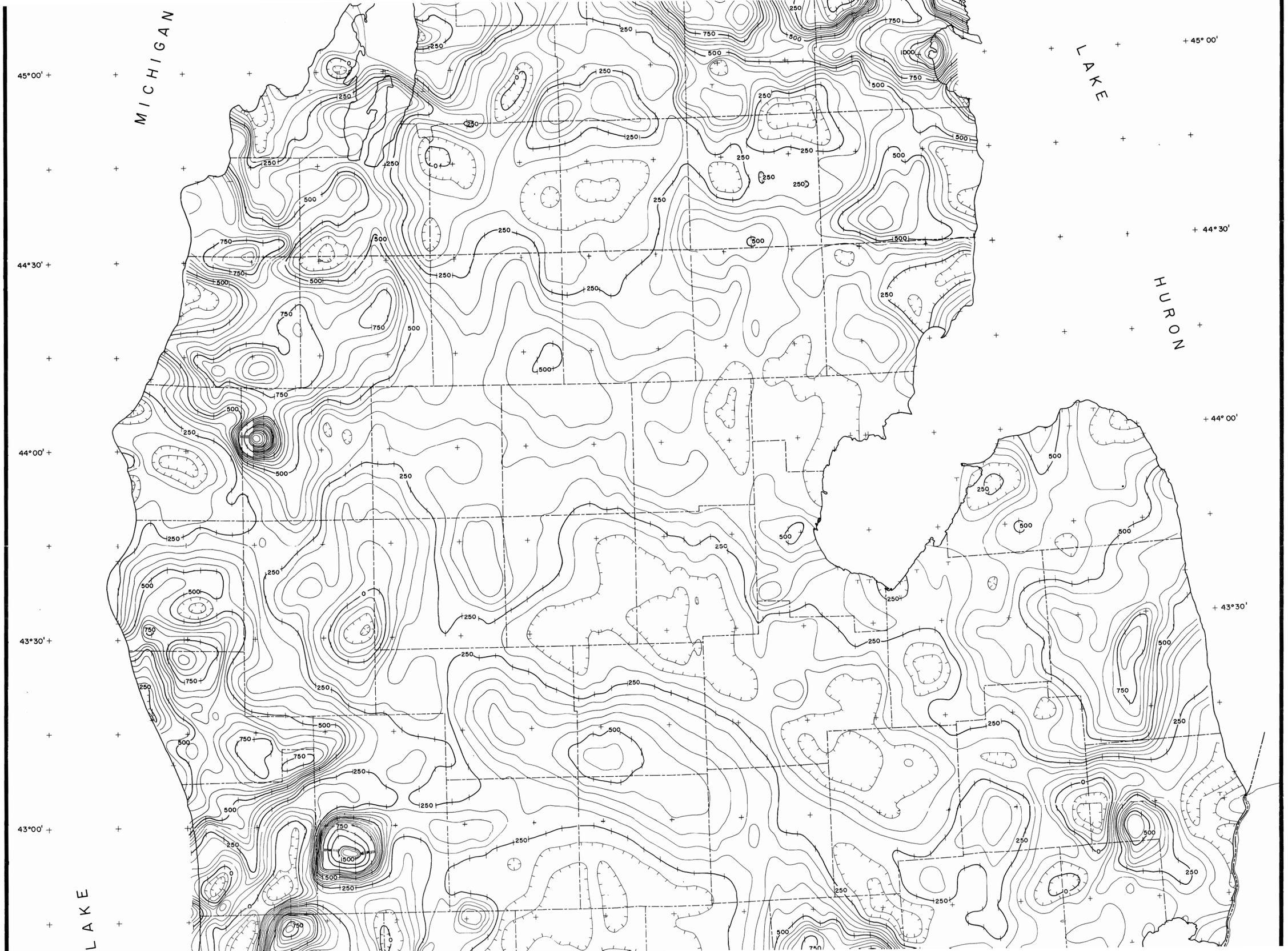
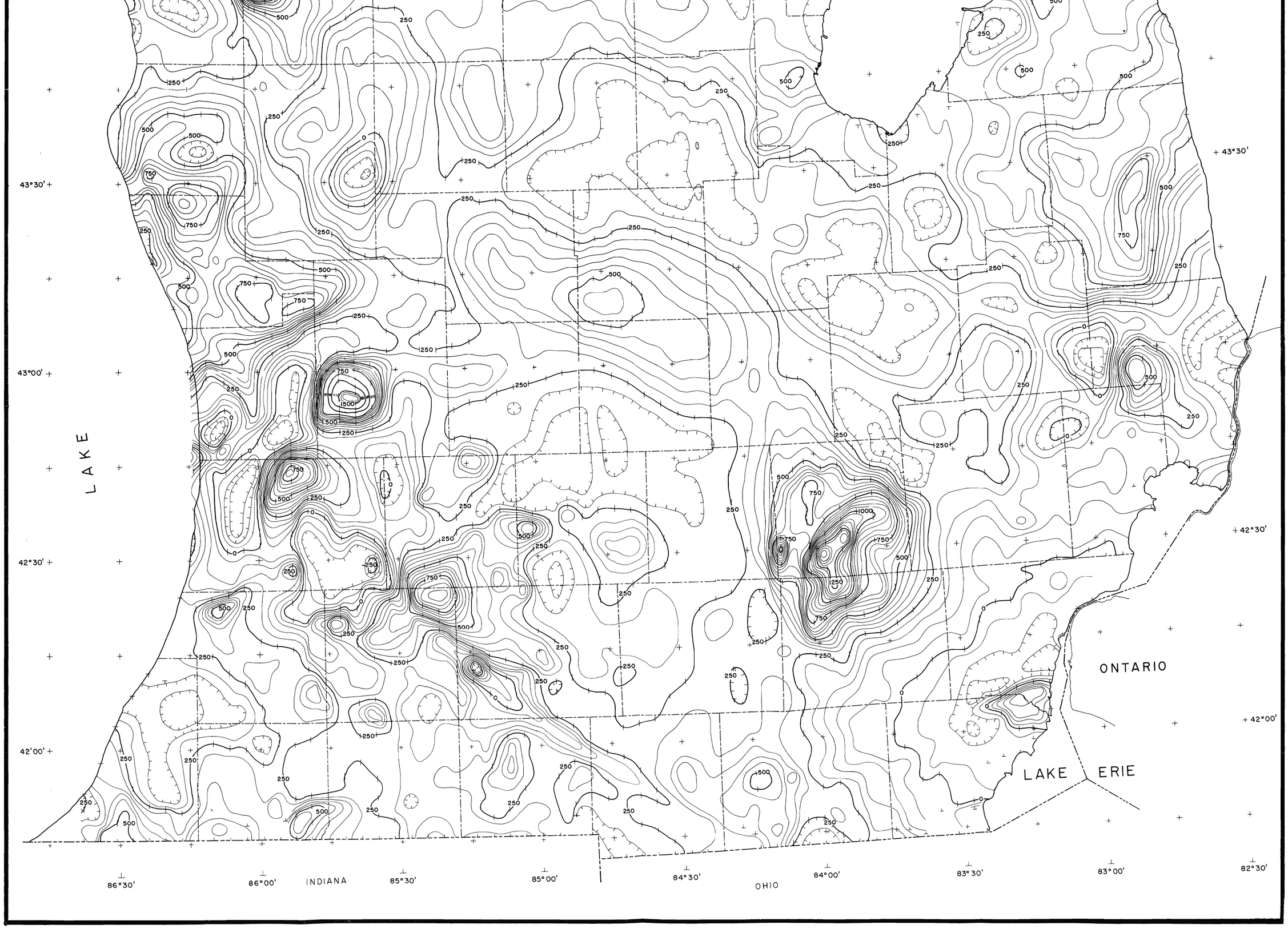

BOUGUER GRAVITY ANOMALY MAP
Southern Peninsula of Michigan
Contour Interval 1 Milligal
The gravity anomalies refer to the International Gravity Formula and a rock density of 2.67 gm/cc
5 0 5 10 15 20 miles
1:1,000,000
Prepared by Department of Geology, Michigan State University. Published by Geological Survey Division, Department of Natural Resources. First published at a scale of 1:500,000 in 1963 as a part of Report of Investigation 1, Geological Survey Division.
LAKE MICHIGAN
LAKE HURON
SAGINAW BAY
EMMET
CHEBOYGAN
PRESQUE ISLE
CHARLEVOIX
OTSEGO
MONTMORENCY
ALPENA
ANTRIM
LEELANAU
KALKASKA
CRAWFORD
OSCODA
ALCONA
BENZIE
GRAND TRAVERSE
ROSCOMMON
OGEMAW
IOSCO
MANISTEE
WEXFORD
MISSAUKEE
ARENAC
MASON
LAKE
OSCEOLA
CLARE
GLADWIN
HURON
OCEANA
NEWAYGO
MECOSTA
ISABELLA
MIDLAND
BAY
TUSCOLA
86°
45°
44°

MICHIGAN
HURON
LAKE
MONTMORENCY
ALPENA
OTSEGO
ANTRIM
LEELANAU
KALKASKA
CRAWFORD
OSCODA
ALCONA
BENZIE
GRAND TRAVERSE
MANISTEE
WEXFORD
MISSAUKEE
ROSCOMMON
OGEMAW
IOSCO
ARENAC
MASON
LAKE
OSCEOLA
CLARE
GLADWIN
SAGINAW BAY
HURON
OCEANA
NEWAYGO
MECOSTA
ISABELLA
MIDLAND
BAY
TUSCOLA
SANILAC
MUSKEGON
MONTCALM
GRATIOT
SAINAW
KENT
OTTAWA
IONIA
CLINTON
SHIAWASSEE
GENESEE
LAPEER
ST. CLAIR
MACOMB
+45°
+44°
+43°
+42°45'
45°+
44°+
+43°


LAKE MICHIGAN
LAKE ERIE
LAKE ST CLAIR
ONTARIO
INDIANA
OHIO
SAGINAW BAY
HURON
TUSCOLA
SANILAC
MIDLAND
GRATIOT
GENESEE
LAPEER
SHIAWASSEE
CLINTON
INGHAM
LIVINGSTON
MACOMB
OAKLAND
WAYNE
WASHTENAW
JACKSON
LENAWEE
MONROE
EATON
BARRY
ALLEGAN
KALAMAZOO
VAN BUREN
CALHOUN
BERRIEN
CASS
ST JOSEPH
BRANCH
HILLSDALE
MUSKEGON
OTTAWA
KENT
MONTCALM
NEWAYGO
OCEANA
MECOSTA
ISABELLA
MASON
LAKE
+43°
+42°45'
+42°30'
+42°15'
+42°00'
+42°
86°
85°
84°
83°45'
83°30'
83°15'
83°00'


TOTAL MAGNETIC INTENSITY ANOMALY MAP
Southern Peninsula
of
Michigan
Contour Interval 50 Gammas
5 0 5 10 15 20 miles
1:1,000,000
Prepared by Department of Geology, Michigan State University, 1970
Published by Geological Survey Division, Department of Natural Resources
CONTOUR INTERVAL 50 GAMMAS
MICHIGAN
LAKE
HURON
86°30'
86°00'
85°30'
85°00'
84°30'
84°00'
83°30'
83°00'
82°30'
45°30'
45°00'
44°30'
44°00'
43°30'


MICHIGAN
LAKE
HURON
LAKE
45° 00'
44° 30'
44° 00'
43° 30'
43° 00'
45° 00'
44° 30'
44° 00'
43° 30'
43° 00'


LAKE
ONTARIO
LAKE ERIE
INDIANA
OHIO
43°30'
43°00'
42°30'
42°00'
86°30'
86°00'
85°30'
85°00'
84°30'
84°00'
83°30'
83°00'
82°30'