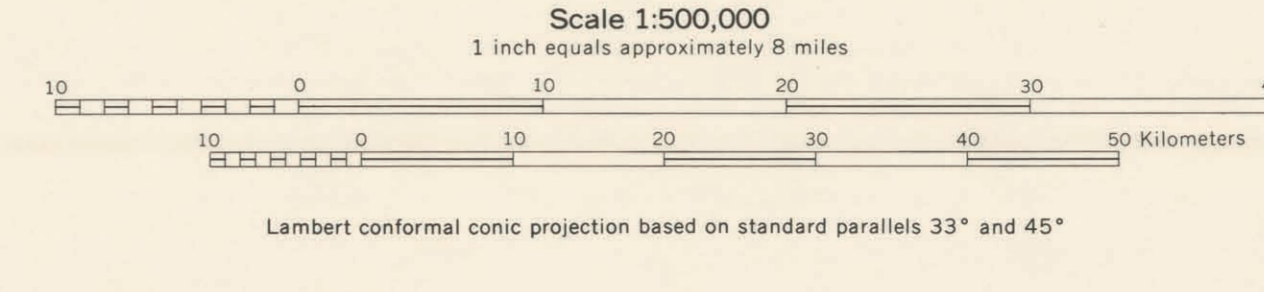


UNIVERSITY OF WISCONSIN-EXTENSION
GEOLOGICAL AND NATURAL HISTORY SURVEY
Meredith E. Ostrom, Director and State Geologist

BOUGUER ANOMALY GRAVITY MAP of WISCONSIN 1974

Compiled by C. Patrick Ervin and Sigmund Hammer



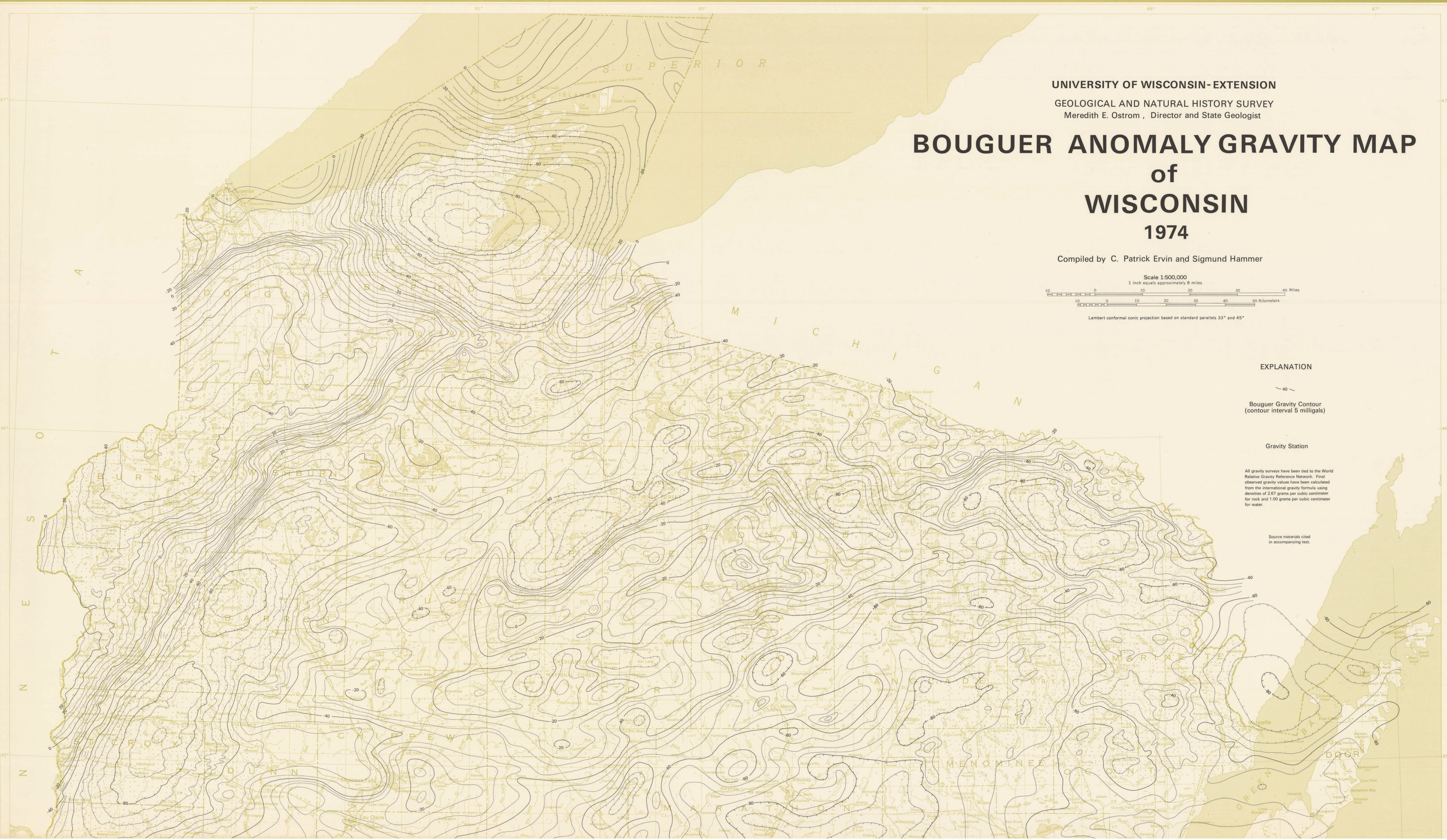
EXPLANATION

Bouguer Gravity Contour
(contour interval 5 milligals)

Gravity Station

All gravity surveys have been tied to the World
Relative Gravity Reference Network. Final
observed gravity values have been corrected
from the conventional gravity formula using
densities of 2.65 grams per cubic centimeter
for rock and 1.00 grams per cubic centimeter
for water.

Source materials cited
in accompanying text.



GEOLOGY and STRUCTURE of the WISCONSIN PRECAMBRIAN

LEGEND

- THREAT FAULT: Shows trend and direction of slip
- NORMAL FAULT: Shows sense of displacement
- UNCLASSIFIED FAULT: Shows sense of displacement
- APPROXIMATE SYNGLINE AXIS
- Upper Proterozoic terranes (granite and gneiss)
- Quartz, slate and iron formations
- Gabbro and basalt
- Granite and differentiated igneous and metamorphic rocks
- Granite and differentiated igneous and metamorphic rocks (gneiss)

GEOLOGY and STRUCTURE of the WISCONSIN PRECAMBRIAN
Compiled by R. J. Ostrom, 1973
State of Wisconsin, University of Wisconsin - Extension, Geological and
Natural History Survey, University of Wisconsin - Extension,
Department of Natural Resources, University Circular 12, 1973.
Lithology, Geology, and Structure, University of Wisconsin - Extension,
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Revised May 1, 1974.