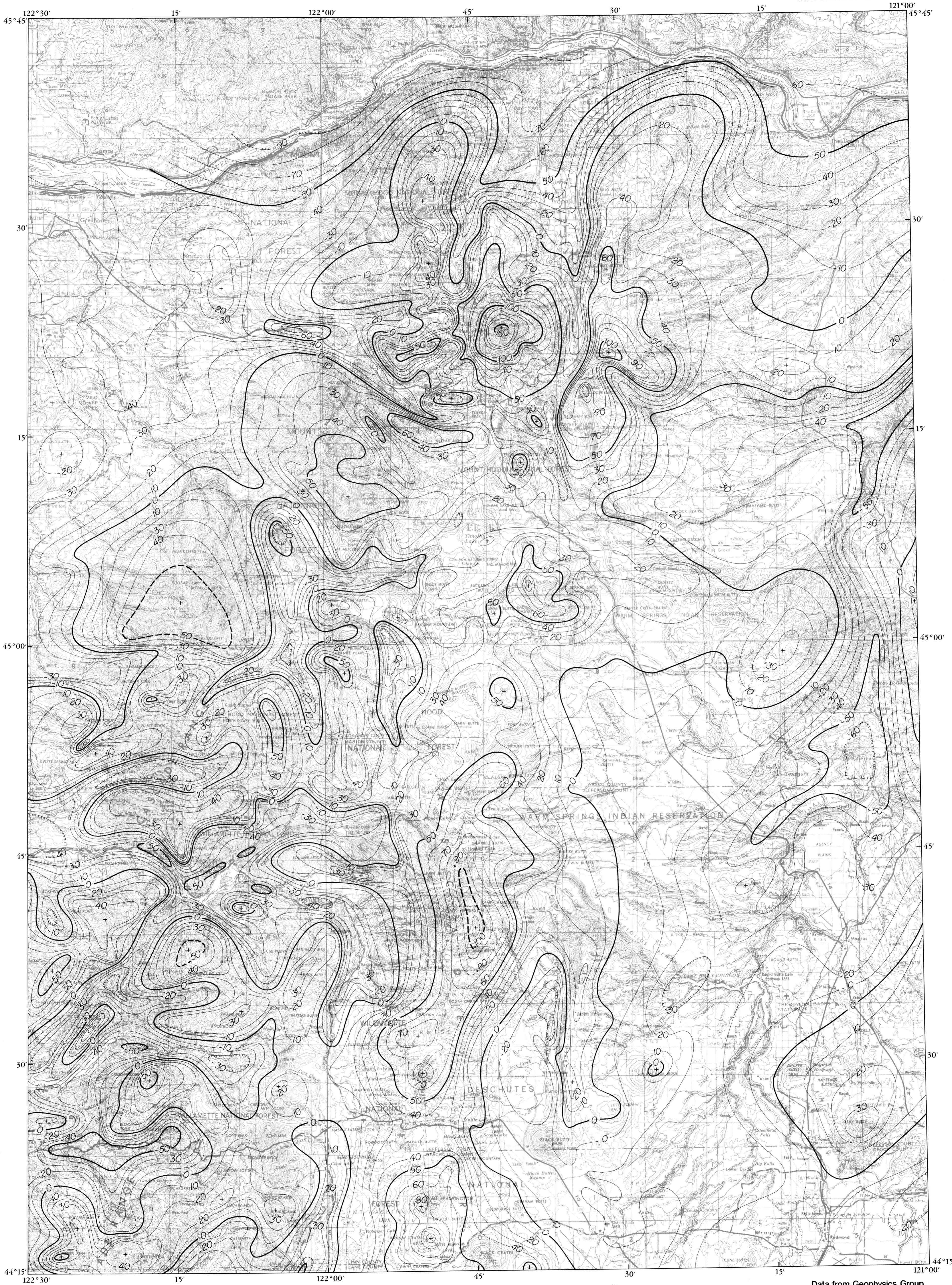


GMS 15

FREE-AIR GRAVITY ANOMALY MAP  
Cascade Mountain Range, Northern Oregon

STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
DONALD A. HULL, STATE GEOLOGIST



Contour interval 10 milligals

Estimated uncertainty in  
measurements 1.0 milligal

Theoretical gravity: IGF(1930)

SCALE 1:250,000  
Transverse Mercator Projection  
Topographic contour interval 200 feet



Map Location

Prepared by

R.W. Couch, G.S. Pitts, D.E. Braman, M. Gemperle

Data from Geophysics Group,  
OSU (1980) and OSU gravity file

OREGON STATE UNIVERSITY  
December 1980

Free-Air Gravity Anomaly:  
Northern Oregon Cascades

GMS 15

**COMPLETE BOUGUER GRAVITY ANOMALY MAP**  
Cascade Mountain Range, Northern Oregon

STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
DONALD A. HULL, STATE GEOLOGIST



Contour interval 2 milligals

Estimated uncertainty in measurements 1.0 milligal

Reduction density 2.67 gm/cc

Theoretical gravity: IGF(1930)

SCALE 1:250,000  
2 0 4 8 12 Miles  
4 0 8 16 Kilometers  
Transverse Mercator Projection  
Topographic contour interval 200 feet



Map Location

Prepared by

R.W. Couch, G.S. Pitts, D.E. Braman, M. Gemperle

Data from Geophysics Group,  
OSU (1980) and OSU gravity file  
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Complete Bouguer Gravity Anomaly:  
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