

Base from U.S. Geological Survey,  
Bethel, 1980 (revised 1987), Russian Mission, 1980  
Universal Transverse Mercator projection

**EXPLANATION**

See sheet 1 for explanation of geology

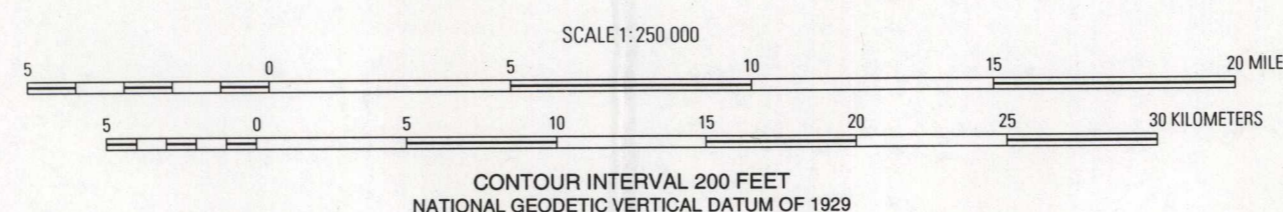
**Complete Bouguer gravity anomaly contour—**  
Reduction density 2.67 g/cm<sup>3</sup>. Terrain corrections  
from 0.39 km to 166.7 km. Contour interval 5-  
mGal. Hachures indicate gravity low. Contours  
were generated based on a 2-km grid derived from  
scattered gravity data

**Gravity station—**Showing anomaly value

**Maximum horizontal gradients**

○ 0.18 to 1.3 mGal/km

○ 1.3 to 4.1 mGal/km



**COMPLETE BOUGUER GRAVITY MAP**  
**COMPLETE BOUGUER AND ISOSTATIC GRAVITY MAPS OF THE BETHEL**  
**AND SOUTHERN PART OF THE RUSSIAN MISSION QUADRANGLES,**  
**SOUTHWESTERN ALASKA**

By  
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1996

Data compiled in 1994

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