



THIS MAP IS PRELIMINARY AND HAS NOT BEEN  
REVIEWED FOR CONFORMITY WITH U.S. GEOLOGICAL  
SURVEY STANDARDS AND NOMENCLATURE.

GRAVITY SURVEYS 1960 TO 1976

GRAVITY INVESTIGATIONS PARTIALLY SUPPORTED BY  
ALASKA DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
AND U.S. OFFICE OF NAVAL RESEARCH

DATA REDUCED WITH THE 1967 INTERNATIONAL ELLIPSOID

PLOT DATE: 1/10/76

STATION  
LOCATION  
STATION IDENTIFICATION

GENERALIZED SIMPLE BOUGUER ANOMALY CONTOURS,  
DASHED WHERE POORLY CONTROLLED, AND SMOOTHED  
TO AVOID DISCREPANCIES CAUSED BY LOCAL TERRAIN  
CONTOUR INTERVAL: 10 MILLIGALS

# FLAXMAN ISLAND GRAVITY DATA

BY DAVID F. BARNES, BYRON D. RUPPEL, AND STEPHEN L. ROBBINS  
U.S. GEOLOGICAL SURVEY  
1976

GRAVITY DATUM FROM: BARNES, D.F., U.S. GEOLOGICAL  
SURVEY OPEN FILE REPORTS, 1968 & 1972, ADJUSTED  
TO THE 1971 INTERNATIONAL GRAVITY NET (IGSN 71)

SIMPLE BOUGUER ANOMALY  
BASED ON A DENSITY OF 2670  
KILOGRAMS PER CUBIC METRE