



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 US 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., US 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