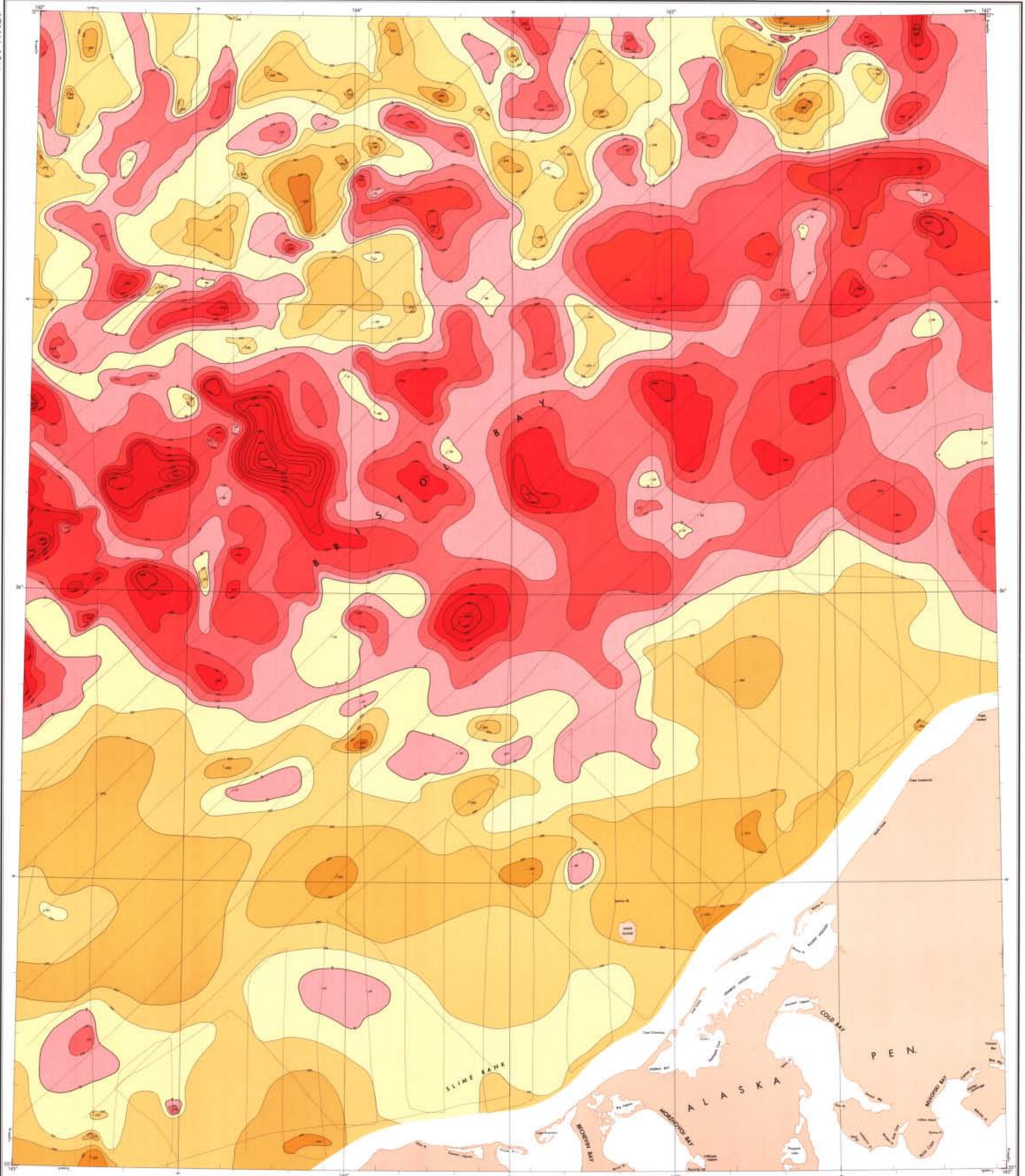


1711N-18M



MAGNETIC
The total magnetic field intensity was measured along ship track lines using a Varian potentiometer magnetometer. The effect of the ship's magnetic field is considered negligible and therefore is within the starting accuracy. Isogonic magnetic field lines were derived using as reference the IUGG-1960 reduced to the World Magnetic Survey Sheet, 242A, in October of 1966. The reference field was reduced to 1972 using IUGG-1960 secular change coefficients. In previous reference field values were computed at 10-minute intervals and magnetic isogonic lines were computed using the ship's track.

Data used herein was not corrected for diurnal or magnetic variations in the magnetic field data acquired during the survey.

The relative air disturbance was an average of a 5-mile line or greater to the magnetogram over the 10000 geomagnetic observatory at Sitka, Alaska. 95% of all values of trackline averages were within 10 gamma of the mean of the survey.

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NATIONAL OCEAN SURVEY
1972



MAGNETIC LEGEND
CONTOUR INTERVAL: 100 GAMMAS
— Isogonic Lines
— Data Reference
— Negative Values

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