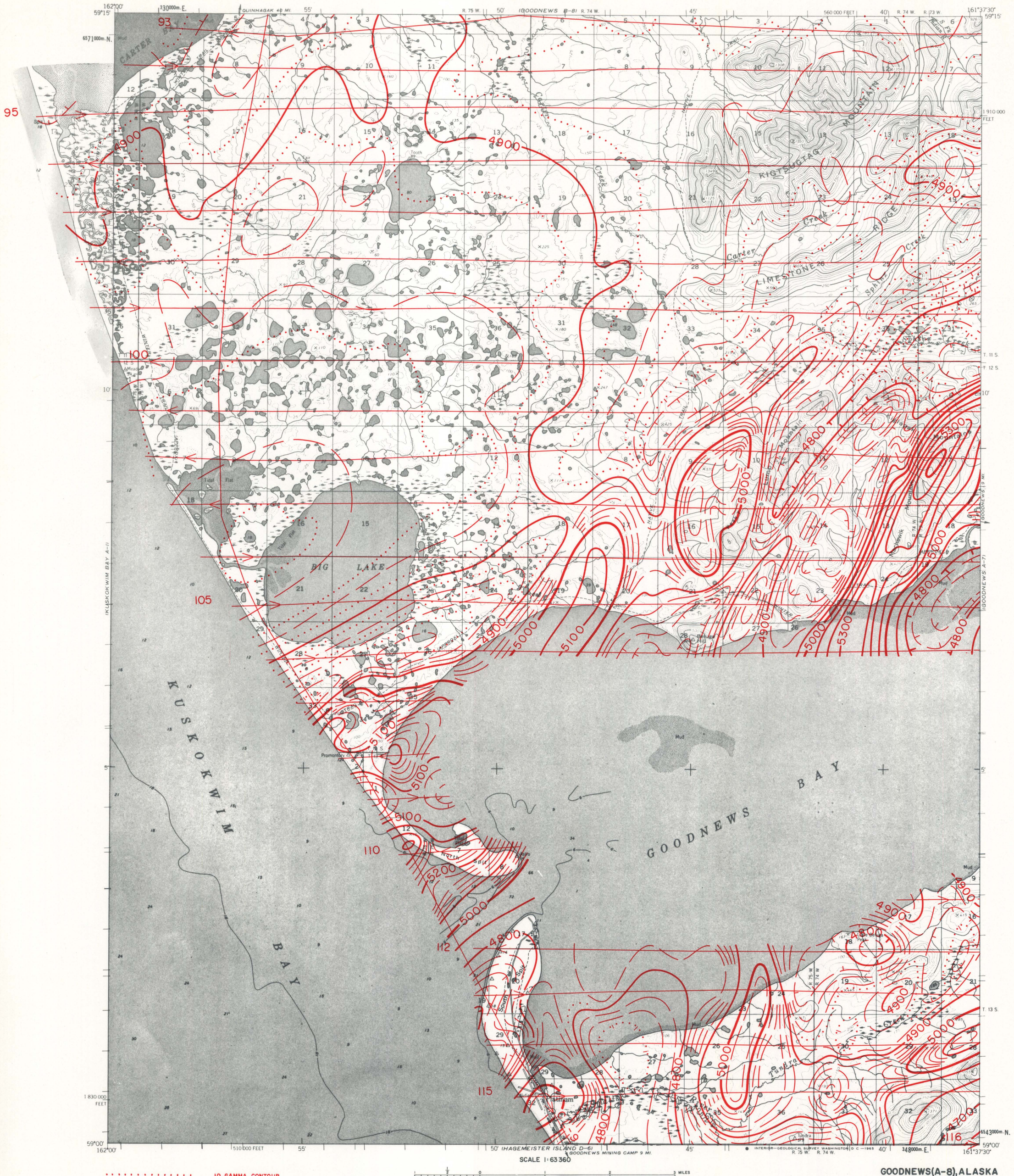
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY

GOODNEWS (A-8), QUADRANGLE
ALASKA
1:63360 AEROMAGNETIC SERIES



SCALE 1:63360

1 ½ 0 1 2 3 MILES

10 GAMMA CONTOUR
20 GAMMA CONTOUR
100 GAMMA CONTOUR
500 GAMMA CONTOUR
MAGNETIC LOW
A-1 FLIGHT LINE AND DIRECTION

FLIGHT LINE SPACING 3/4 MILES
FLIGHT ALTITUDE NOMINALLY 1000 FEET ABOVE GROUND
REGIONAL MAGNETIC FIELD SW SHEET CORNER: 53,351 GAMMAS
REGIONAL FIELD REMOVED. THE FIELD INCREASES
APPROXIMATELY 7.0 GAMMAS/MILE, N 29° E
APPROXIMATE FIELD INCLINATION: + 70.9°

TRUE NORTH
MAGNETIC NORTH
18½°
APPROXIMATE MEAN DECLINATION, 1954

AEROMAGNETIC SURVEY
GOODNEWS AREA
GOODNEWS(A-8), ALASKA

STATE OF ALASKA
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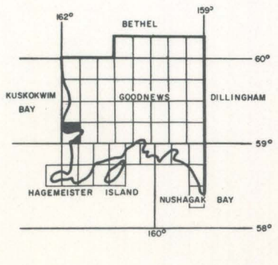
Copies of this map may by obtained from
The Division at Box 80007, College, Alaska



GOODNEWS(A-8), ALASKA
AEROMAGNETIC SERIES

The magnetic contours shown on this map represent the total anomalous magnetic field of the earth. Variations in this field are caused by the variable magnetic character of rock units crossed by the survey flights, and hence, can be used to estimate the apparent location of rocks rich in magnetic minerals. Such rock units may be either at the surface of the ground or buried beneath it. Anomalies show both positive and negative variations depending on the shape, attitude, and constituents of local rocks. Geophysical interpretation will be helpful in determining boundaries or depth of burial of anomaly-causing rock units. Some anomalies may be impossible to interpret without further geologic information. Basic profile data is retained at the Division of Geological Survey and should be consulted for detailed analysis.

Contract specifications written in consultation with United States Geological Survey.
Base map from U.S.G.S. 1:63360 Topographic map series.
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