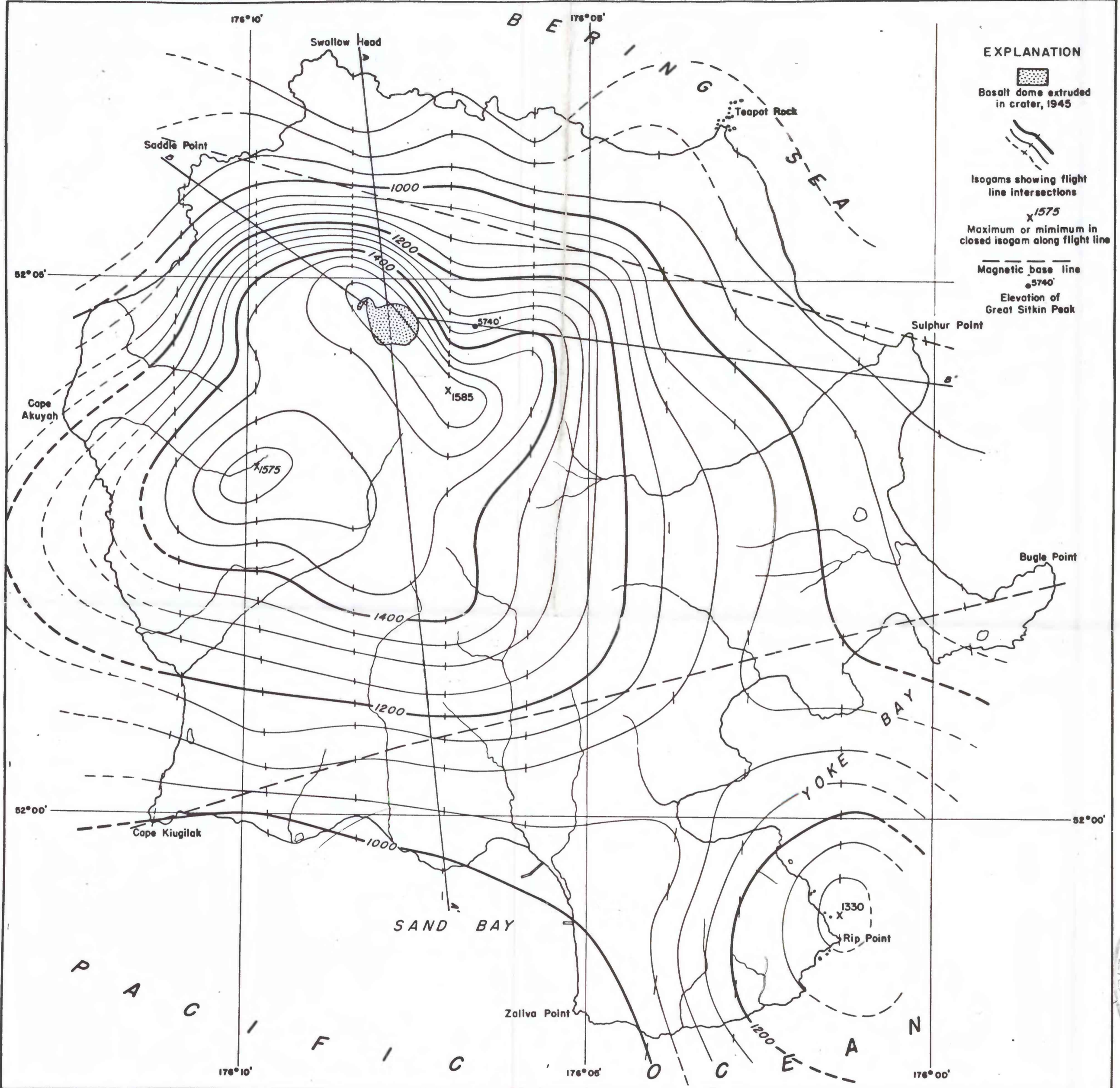







UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE OF NAVAL RESEARCH
PROJECT VOLCANO

GEOPHYSICAL INVESTIGATIONS
PRELIMINARY MAP



EXPLANATION

-  Basalt dome extruded in crater, 1945
-  Isogams showing flight line intersections
-  Maximum or minimum in closed isogam along flight line
-  Magnetic base line
-  Elevation of Great Sitkin Peak

Base from U.S. Coast and Geodetic Survey
Charts 9139 and 9193

Data by F. Keller and J.L. Meuschke
Compilation by F. Keller

AEROMAGNETIC MAP OF GREAT SITKIN ISLAND, ALASKA

Magnetic datum assumed 1000
gammas at Cape Kiugilak

0 1 MILES

Isogam interval 50 gammas
Regional gradient removed

Flight level 7500 feet
1947

Ca 1:55,000

Alaska (Great Sitkin - Adak - Unalakleet). Aeromagnetic
sheet 2
cop 2
1:55,000. 1949

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