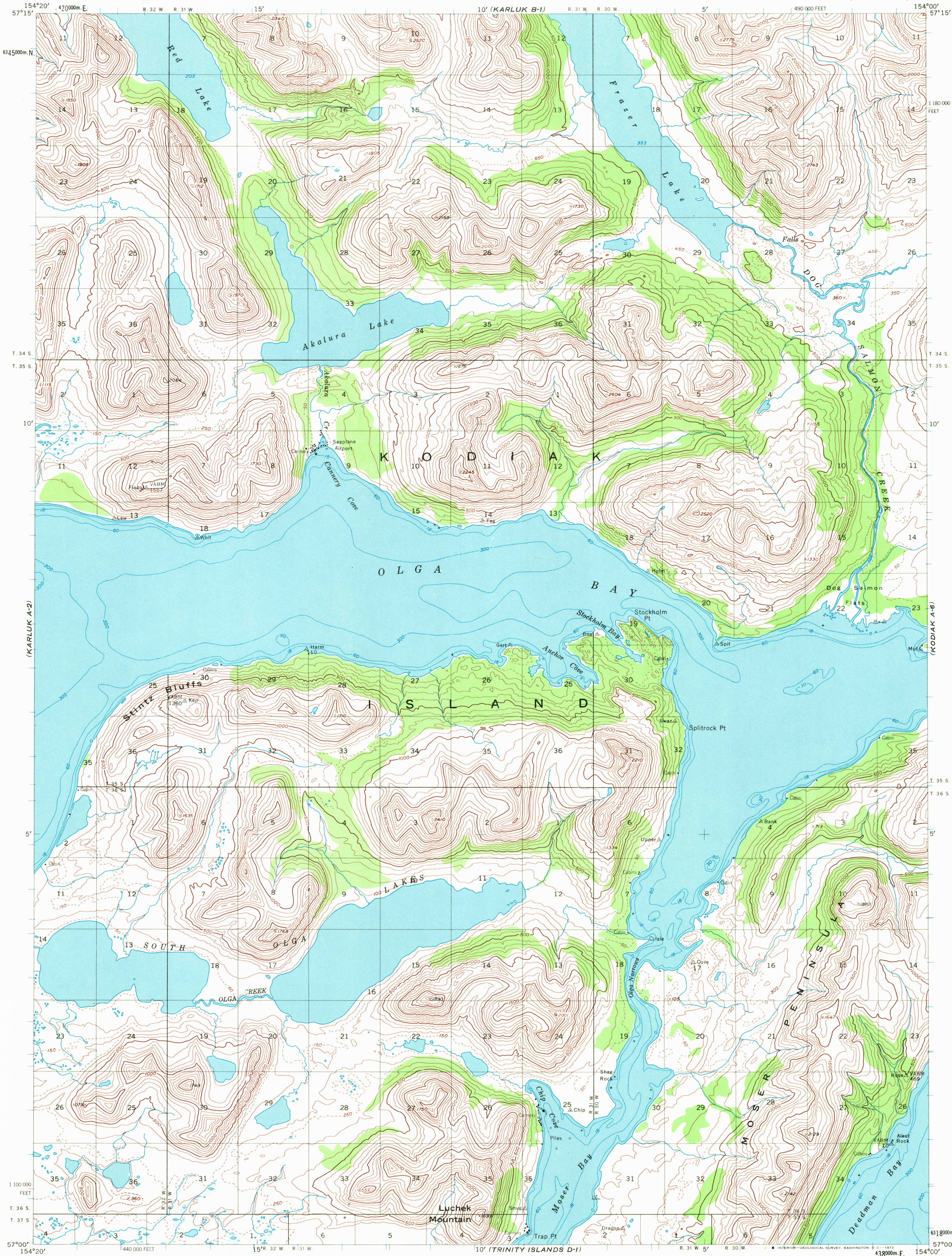


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KARLUK (A-1) QUADRANGLE
ALASKA-KODIAK ISLAND BOROUGH
1:63 360 SERIES (TOPOGRAPHIC)



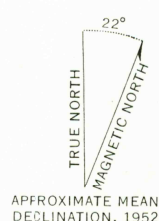
Maped, edited, and published by the Geological Survey
Control by USC&GS and USCE

Topography by photogrammetric methods from aerial photographs
taken 1951-1952. Map not field checked.
Selected hydrographic data compiled from USC&GS
Chart 8537 (1:31 529 scale). This information is not intended
for navigational purposes.

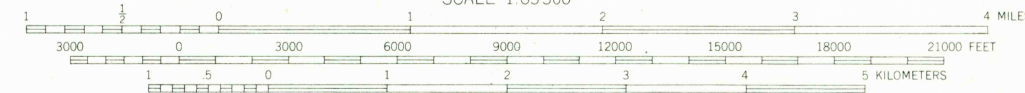
Universal Transverse Mercator projection, 1927 North American datum
10,000 foot grid based on Alaska coordinate system, zone 5
1000 meter Universal Transverse Mercator grid ticks,
zone 5, shown in blue.

Land lines represent unsurveyed and unmarked locations
predetermined by the Bureau of Land Management
Folio S-24, Seward Meridian

Swamps, as portrayed, indicate only the wetter areas,
usually of low relief, as interpreted from aerial photographs.
Entire land area is within the Kodiak National Wildlife Refuge

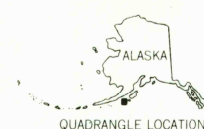


APPROXIMATE MEAN
DECLINATION, 1952



CONTOUR INTERVAL 100 FEET
DASHED LINES REPRESENT 50-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET - DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 1 FOOT IN OLGABAI AND 9 FEET IN MOXEY BAY

FOR SALE BY U.S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

ROAD CLASSIFICATION
No roads or trails in this area

KARLUK (A-1), ALASKA
N5700-W15400/15X20

1952
MINOR REVISIONS 1970

FEB 9 1972
USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION