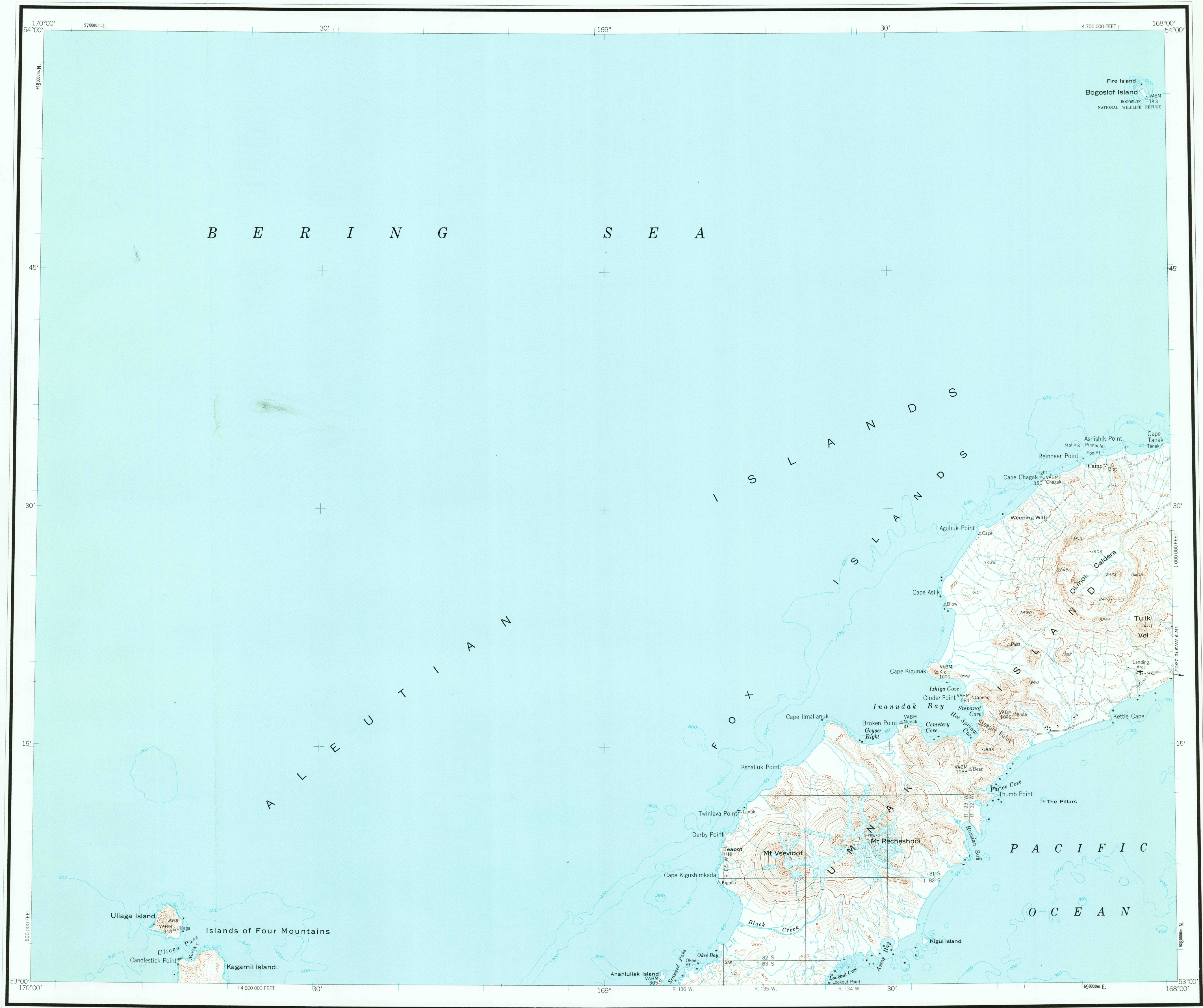




MAPPED BY THE GEOLOGICAL SURVEY, U.S. COAST
AND GEODETIC SURVEY, AND U.S. CORPS OF ENGINEERS
EDITED AND PUBLISHED BY THE GEOLOGICAL SURVEY

CONTROL BY USC&GS

SELECTED HYDROGRAPHIC DATA COMPILED FROM USC&GS CHARTS 8861,
9021, 9025, AND 9030. THIS INFORMATION IS NOT INTENDED
FOR NAVIGATIONAL PURPOSES

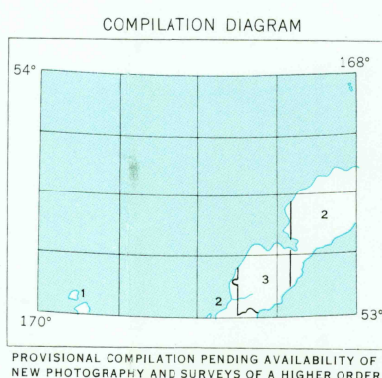
TOPOGRAPHY FROM AERIAL PHOTOGRAPHS BY PHOTOGRAMMETRIC METHODS
(MULTIFLEX AND PHOTOALDADE), AND FROM ORIGINAL SURVEYS OF USC&GS
1942-1948

UNIVERSAL TRANSVERSE MERCATOR PROJECTION.

1927 NORTH AMERICAN DATUM
100,000-FOOT GRID BASED ON ALASKA COORDINATE SYSTEM, ZONE 10
10,000-METER UNIVERSAL TRANSVERSE MERCATOR GRID TICKS, ZONE 2,
SHOWN IN BLUE

LAND LINES REPRESENT UNSURVEYED AND UNMARKED LOCATIONS
PREDETERMINED BY THE BUREAU OF LAND MANAGEMENT
FOLIO S-32, SEWARD MERIDIAN

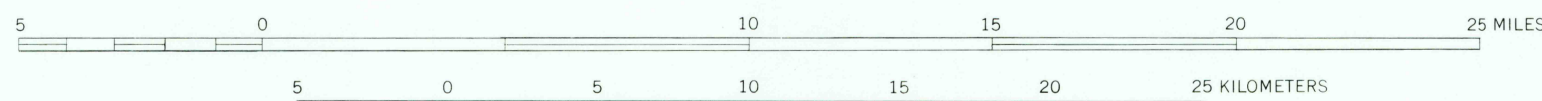
ULIAGA ISLAND AND KAGAMIL ISLAND ARE WITHIN THE ALEUTIAN ISLANDS
NATIONAL WILDLIFE REFUGE



1. TOPOGRAPHY FROM USC&GS
CHART 9030
2. TOPOGRAPHY FROM USC
QUADRANGLES (MULTIFLEX)
3. TOPOGRAPHY BY PHOTO-
ALDADE COMPILATION

PROVISIONAL COMPILATION PENDING AVAILABILITY OF
NEW PHOTOGRAPHY AND SURVEYS OF A HIGHER ORDER

SCALE 1:250 000



CONTOUR INTERVAL 200 FEET

AREAS NOT SURVEYED IN DETAIL INDICATED BY BROKEN LINES

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

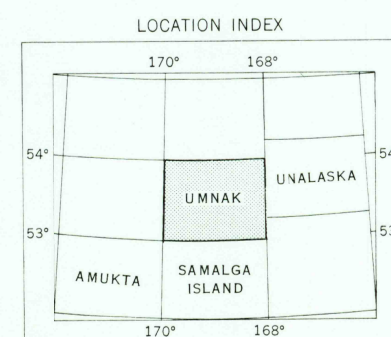
1951 MAGNETIC DECLINATION AT SOUTH EDGE OF SHEET VARIES FROM 13°30' TO 14°30' EAST

THIS MAP IS AVAILABLE IN BOTH SHADED RELIEF AND CONTOUR EDITIONS

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



ROAD CLASSIFICATION
LIGHT DUTY UNIMPROVED DIRT =====

UMNAK, ALASKA

N5330-W16800/60X120

1951

MINOR REVISIONS 1972

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION