



MAPPED, EDITED, AND PUBLISHED BY THE U. S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SURVEY

Original topographic map prepared by the Defense Mapping Agency Topographic Center from 1:48,000, 1:50,000, 1:62,500-scale maps dated 1959-1961, and from aerial photographs taken 1955. Field checked 1960. Planimetry revised by the U. S. Geological Survey from aerial photographs taken 1975. Map edited 1977.

Bathymetry and shoreline compiled by the National Ocean Survey (NOS). Bathymetry was compiled from NOS Hydrographic Surveys (see index), which comply with International Hydrographic Organization (IHO) Special Publication 44 accuracy standards and/or standards used as of the date of the surveys. Shoreline (mean high water line) was compiled from NOS tide-coordinated aerial photographs.

This information is not intended for navigational purposes.

Offshore protrusion survey data, printed in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protraction Diagrams. The protrusions on this map are not for Federal leasing purposes; for such purposes, refer to the OCS Official Protraction Diagrams available from the Bureau of Land Management.

100,000-foot grids based on Oregon coordinate system, north and south zones.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

LEGEND

Figures in red denote approximate distances in miles between stars.

POPULATED PLACES

Over 500,000	LOS ANGELES
100,000 to 500,000	OMAHA
25,000 to 100,000	GALVESTON
5,000 to 25,000	DURANGO
1,000 to 5,000	Grand Coulee

ROADS

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Interchange

RAILROADS

- Normal gauge
- Narrow gauge
- Single track
- Double or multiple track

BOUNDARIES

- International
- State
- County
- Park or reservation

Other Features:

- Sun Valley Route markers: Interstate, U.S., State
- Landplane airport
- Seaplane airport
- Landing area
- Orchard
- Woods-brushwood
- Power line
- Landmark: School, Church, Other
- Spot elevation in feet
- Marsh or swamp
- Approximate shoreline
- Sounding datum line

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

Scale 1:250,000

0 5 10 15 20 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM 1929

BATHYMETRIC CONTOUR INTERVAL 10 METERS
DATUM MEAN LOWER LOW WATER

SHORELINE SHOWN REPRESENTS MEAN HIGH WATER

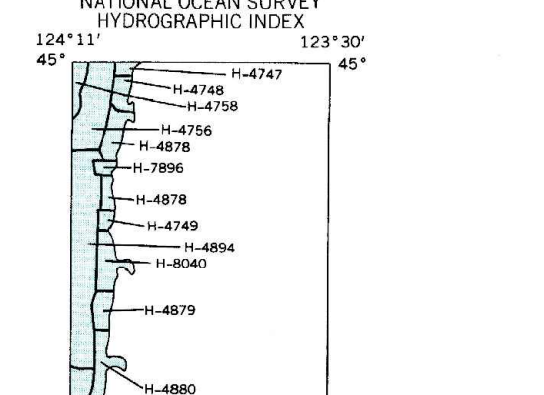
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 10
MAGNETIC DECLINATION FOR 1977 IS 20° 13' 00" (360 WILDS) EASTERLY OVER THE ENTIRE AREA

FOR SALE BY THE U.S. GEOLOGICAL SURVEY, RESTON,
VIRGINIA 22092, DENVER, COLORADO 80225, OR
NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-4747	1927	1:20,000	10-30
H-4748	1927	1:20,000	05-30
H-4749	1927	1:20,000	05-15
H-4750	1927	1:40,000	20-30
H-4751	1927	1:40,000	20-30
H-4878	1928	1:80,000	03-25
H-4879	1928	1:20,000	03-25
H-4880	1928	1:20,000	05-25
H-4881	1928	1:20,000	05-25
H-4882	1928	1:40,000	10-30
H-4883	1928	1:40,000	10-30
H-4884	1928	1:40,000	05-30
H-4885	1928	1:40,000	10-40
H-7896	1962	1:5,000	01-07
H-8060	1963	1:10,000	05-05



GRID ZONE DESIGNATION

10T

100,000 M. SQUARE IDENTIFICATION

DE	EE
DD	ED

INDEX TO ADJOINING SHEETS

VANCOUVER NL 10-8	THE DALLES NL 10-9
SALEM NL 10-11	BEND NL 10-12
ROSEBURG NL 10-2	CRESCENT NL 10-3