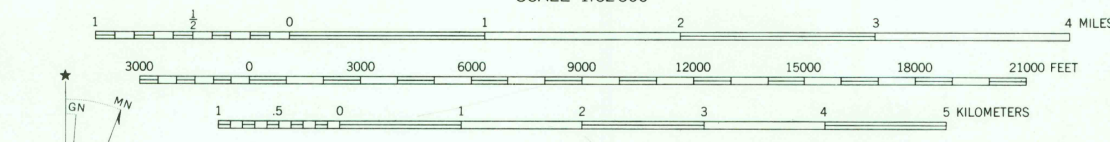




Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, USCE, and State of Oregon
Topography from aerial photographs by photogrammetric methods and by plane-table surveys 1930 and 1954. Aerial photographs taken 1951 and by plane-table surveys 1930 and 1954. Aerial photographs taken 1951 and by plane-table surveys 1930 and 1954.
Hydrography compiled from USC&GS charts 6153 (1952) and 6154 (1952)
Polyconic projection. 1927 North American datum, 10,000-foot grids based on Oregon coordinate system, north zone, and Washington coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue
To place on the predicted North American Datum 1983 move the projection lines 23 meters north and 95 meters east
Red tint indicates area in which only landmark buildings are shown



CONTOUR INTERVAL 40 FEET
DASHED LINES REPRESENT 20-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES IN FEET-COLUMBIA RIVER DATUM
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 3 FEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt

U.S. Route State Route

This map area also covered by 7.5 minute 1:24,000-scale maps: Trenholm 1971, Deer Island 1954, Chapman 1971, and St. Helens 1954

ST. HELENS, OREG.-WASH
N4545-W12245/15
1954
DMA 1475 IV-SERIES V792

USGS
Historical Map
National Map
MAY 20 1981
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