



Maped by the Army Map Service  
Edited for civil use by the Geological Survey

Control by USGS and NOS/NOAA

Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1943. Field check 1950

Polyconic projection. 1927 North American datum  
10,000-foot grid based on Washington coordinate system,  
north zone

1,000-meter Universal Transverse Mercator grid ticks,  
zone 10, shown in blue

To place on the predicted North American Datum 1983  
move the projection lines 24 meters north and  
96 meters east as shown by dashed corner ticks

Where omitted land lines have not been established  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

SCALE 1:24 000

CONTOUR INTERVAL 50 FEET  
DASHED LINES REPRESENT HALF INTERVAL CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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	4 LANE 16 LANE	Light-duty
Medium-duty	4 LANE 6 LANE	Unimproved dirt

U. S. Route      State Route

QUADRANGLE LOCATION

WASHINGTON

ELWHA, WASH.  
SE/4 JOYCE 15' QUADRANGLE  
48123-A5-TF-024

1950  
PHOTOREVISED 1985  
DMA 1280 II SE—SERIES V891

USGS AND HISTORICAL  
MAP ARCHIVES  
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