



Produced by the United States Geological Survey
Control by USGS and NOS/NOAA
Compiled from imagery dated 1990. Revised from imagery dated 1990. FLS and survey control current as of 1991. Map edited 1995. Contours and land elevations have not been revised and may conflict with other content.
North American Datum of 1927 (NAD 27). Projection and blue 1000-meter ticks: Universal Transverse Mercator, zone 10 10 000-foot ticks: Washington Coordinate System, south zone
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FEET TO METERS MULTIPLY BY 0.3048
TO CONVERT METERS TO FEET MULTIPLY BY 3.2808

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



QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway
Secondary highway
hard surface
hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U.S. Route
State Route

1	2	3	1 Violet Prairie
			2 Bucoda
			3 Vail
4		5	4 Centralia
			5 Onalaska NW
			6 Napavine
			7 Jackson Prairie
6	7	8	8 Onalaska

LOGAN HILL, WA
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1990

DMA 1477 III NE - SERIES V891

