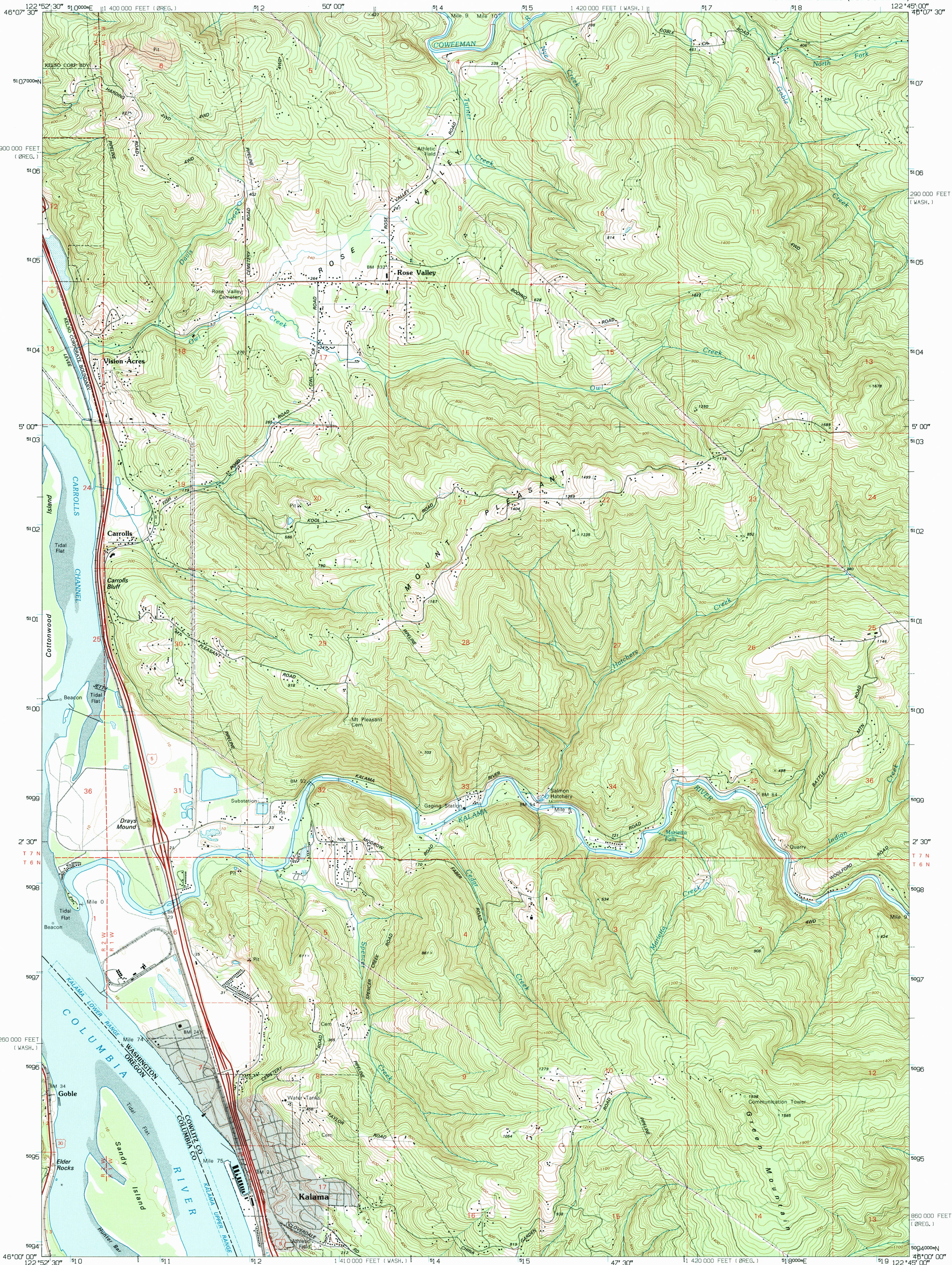
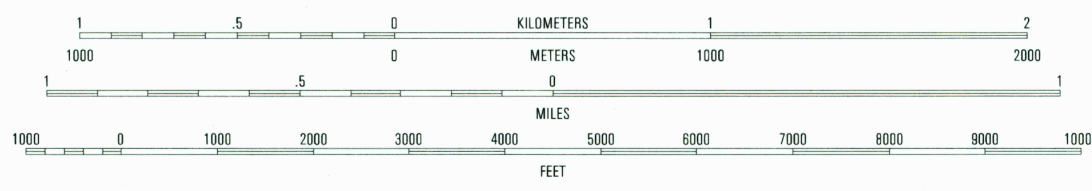
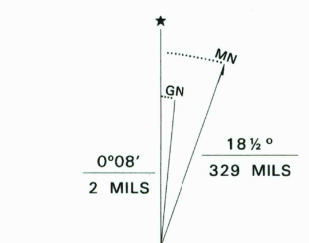


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KALAMA QUADRANGLE
WASHINGTON-OREGON
7.5-MINUTE SERIES (TOPOGRAPHIC)



Produced by the United States Geological Survey
Control by USGS, NOS/NOAA, and State of Oregon
Compiled from imagery dated 1951. Revised from
imagery dated 1990. PLESS and survey control
current as of 1953. 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 and
Oregon Coordinate System, north 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



CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 5 FEET
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
hard surface
Secondary highway
hard surface
Light-duty road, hard or
improved surface
Unimproved road
Interstate Route
U.S. Route
State Route

1	2	3
4	5	6
7	8	

1 Kelso
2 Mount Brynion
3 Hemlock Pass
4 Rainier
5 Woolford Creek
6 Trenholm
7 Deer Island
8 Woodland

KALAMA, WA-OR
46122-A7-TF-024
1990

DMA 1476 III SE-SERIES V891

