



U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

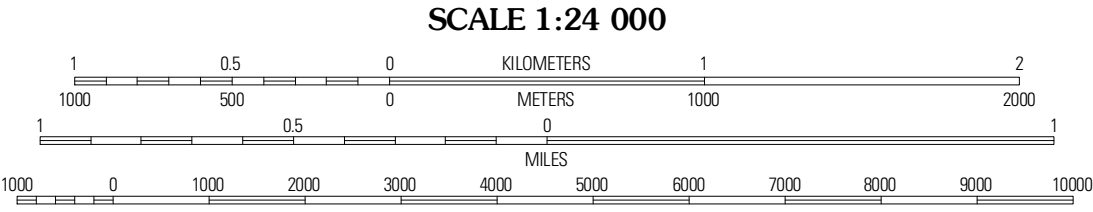
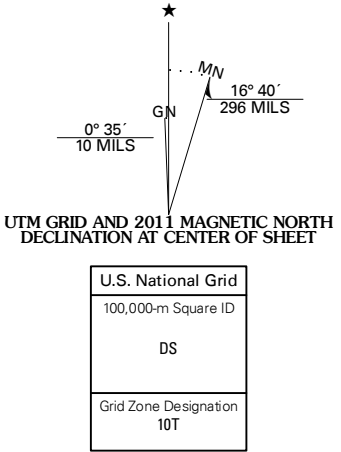


ASTORIA QUADRANGLE  
OREGON-WASHINGTON  
7.5-MINUTE SERIES



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 10T  
10 000-foot ticks: Oregon Coordinate System of 1983 (north  
zone), Washington Coordinate System of 1983 (south zone)

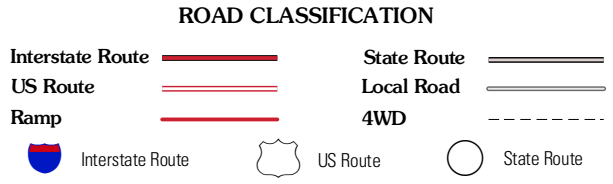
Imagery.....NAIP, June 2009  
Roads.....©2006-2010 Tele Atlas  
Names.....GNIS, 2010  
Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 2001  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010



CONTOUR INTERVAL 40 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with version 0.5.10  
of the USGS US Topo Product Standard.  
A metadata file associated with this product is draft version 0.5.16



Chinook	Knappton	Rosburg
Warrenton	Astoria	Carhammet Bay
Gearhart	Olney	Green Mountain



ASTORIA, OR-WA  
2011