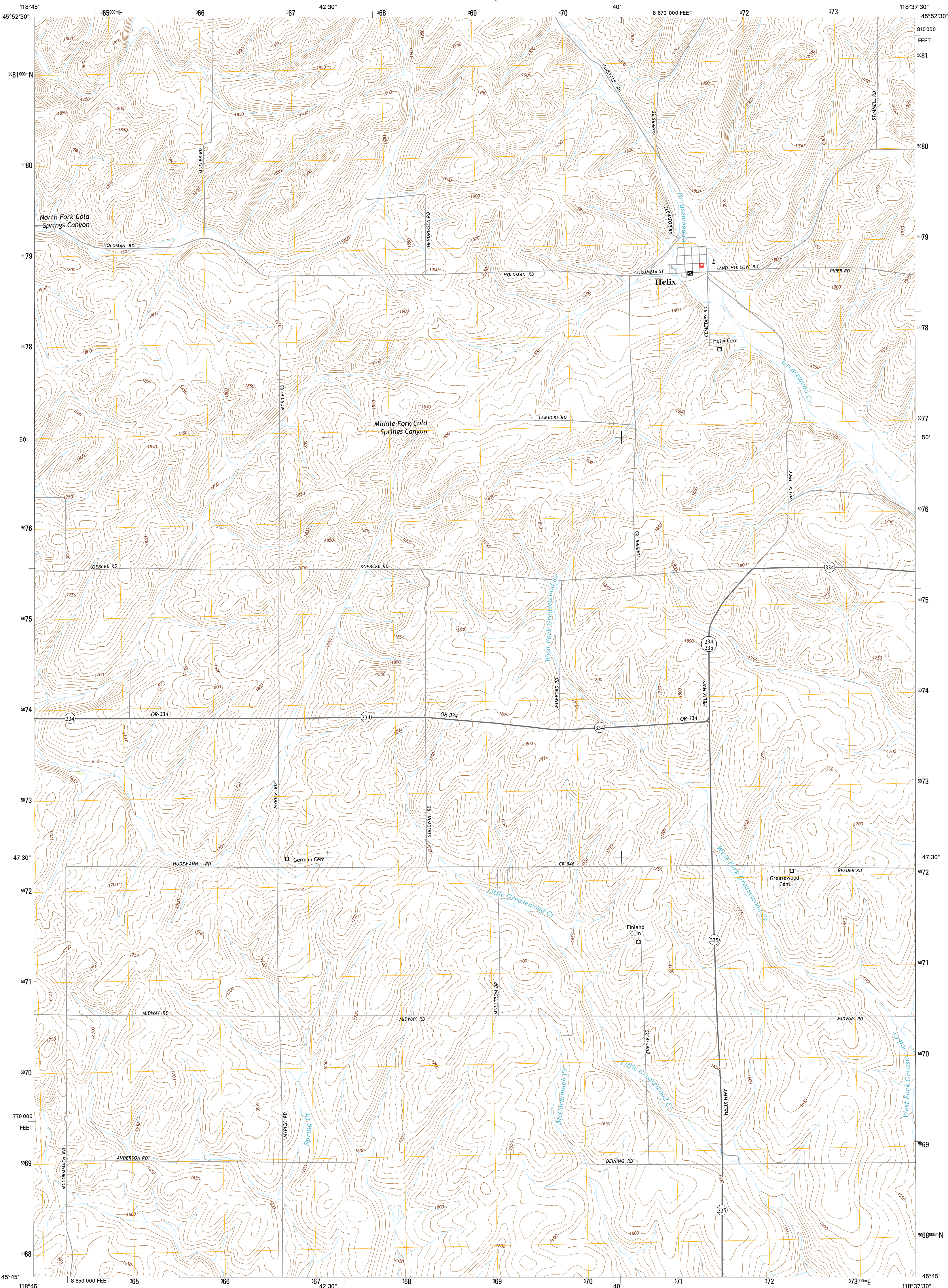




U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



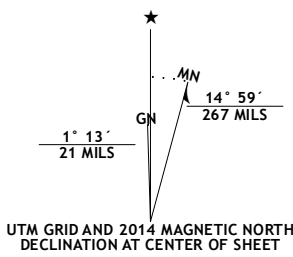
HELIX QUADRANGLE
OREGON-UMATILLA CO.
7.5-MINUTE SERIES



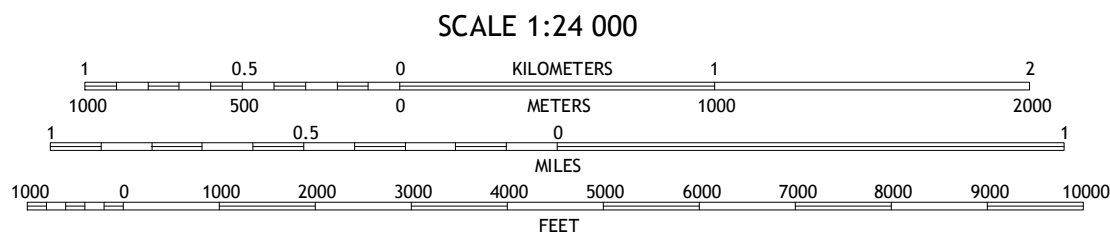
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 11T
10 000-foot ticks: Oregon Coordinate System of 1983 (north
zone)

This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
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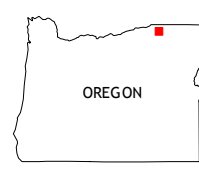
Imagery.....N.A.I.P. July 2012
Roads.....HERE, ©2013
Names.....GNIS, 2013
Hydrography.....National Hydrography Dataset, 2012
Contours.....National Elevation Dataset, 2000
Boundaries.....Multiple sources; see metadata file 1972 - 2013
Public Land Survey System.....BLM, 2011



U.S. National Grid
100,000-m Square ID
LL
Grid Zone Designation
11T



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.16



ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

1	2	3
4	5	
6	7	8

ADJOINING QUADRANGLES

1 Ring
2 Smetz
3 Waterman
4 Holdman SE
5 Adams
6 Pendleton
7 Mission
8 Cayuse

HELIX, OR
2014

