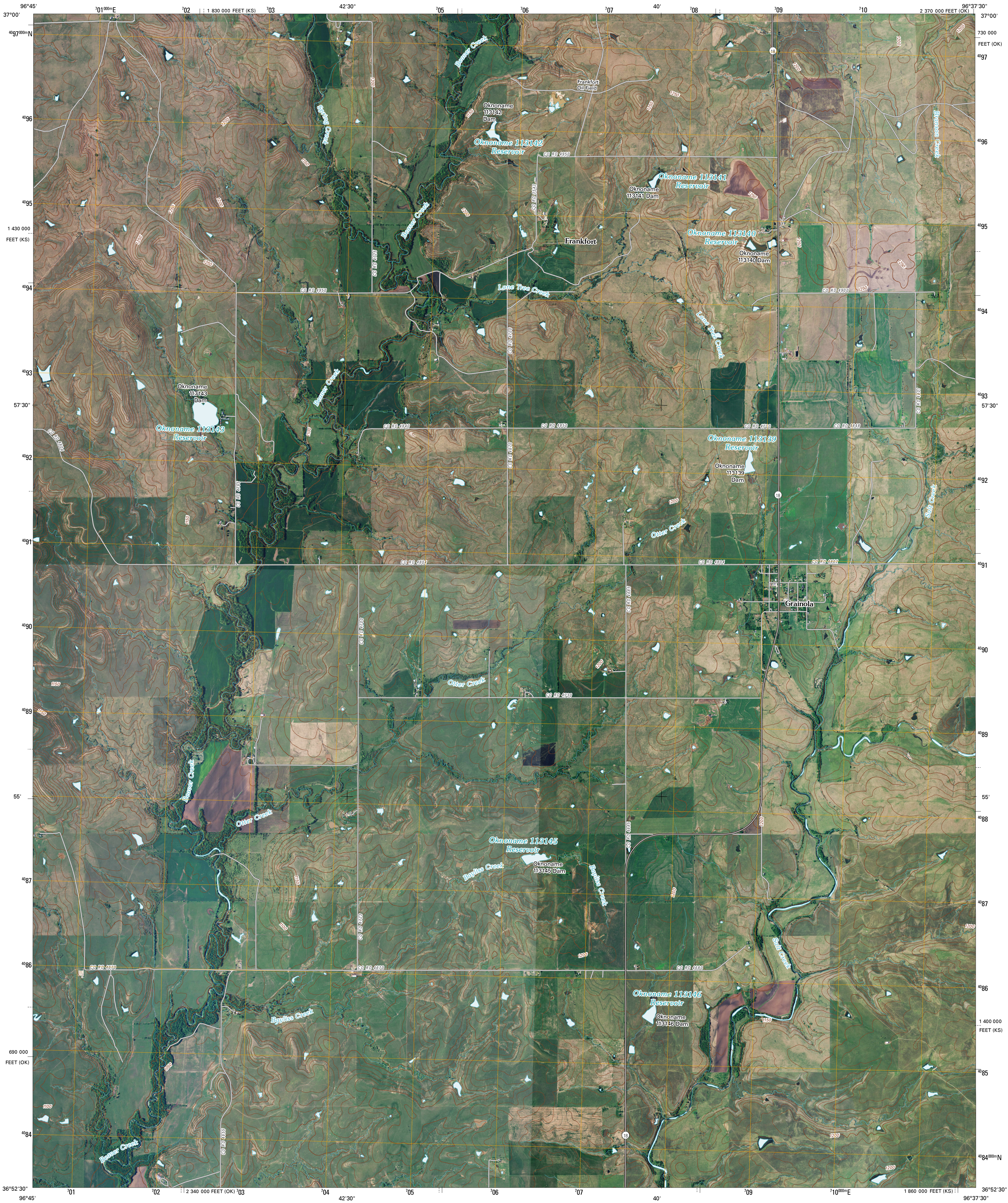




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



GRAINOLA QUADRANGLE
OKLAHOMA-KANSAS
7.5-MINUTE SERIES

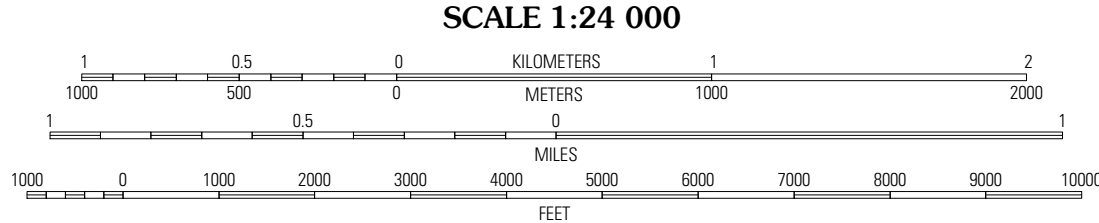


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14S
10 000-foot ticks: Oklahoma Coordinate System of 1983
(north zone) and Kansas Coordinate System of 1983
(south zone)

Imagery.....NAIP, May 2008 - July 2008
Roads.....National Transportation Dataset, 2007 - 2008
Names.....National Hydrography Dataset, 2008
Hydrography.....National Hydrography Dataset, 2008
Contours.....National Elevation Dataset, 2008

UTM GRID AND 2010 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
0F
Grid Zone Designation
14S



SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

This map was produced to conform with version 0.5.10 of the
draft USGS Standards for 7.5-Minute Quadrangle Maps.
A metadata file associated with this product is also draft version 0.5.10



QUADRANGLE LOCATION		
Maple City	Dexter SW	Cedar Vale West
Harby	Grainola	Foraker North
Kaw City	Shidler	Foraker South

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

Interstate Route	State Route
US Route	Local Road
Ramp	4WD

Interstate Route US Route State Route

GRAINOLA, OK-KS
2010