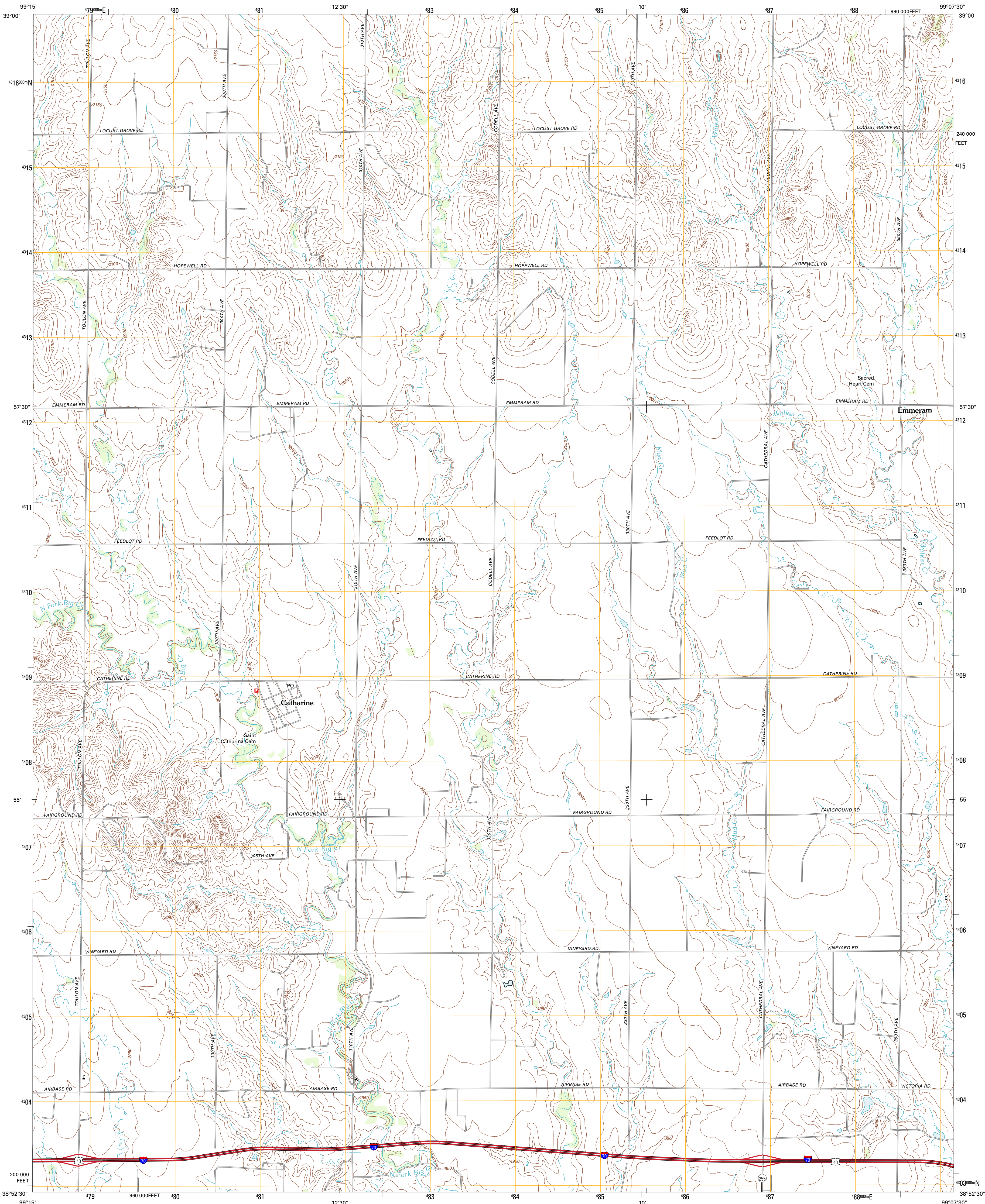




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



CATHARINE QUADRANGLE
KANSAS-ELLIS CO.
7.5-MINUTE SERIES

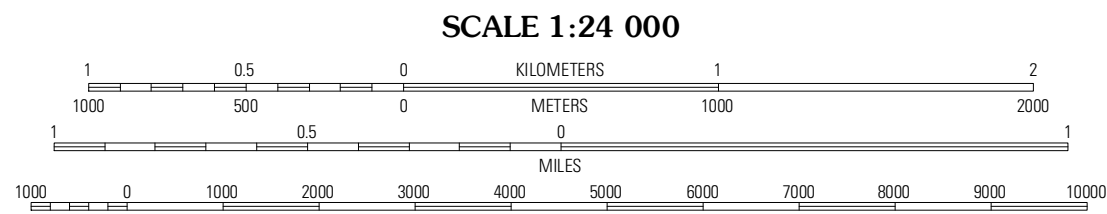


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1000-meter grid: Universal Transverse Mercator, Zone 14S
10 000-foot ticks: Kansas Coordinate System of 1983 (north
zone)

Imagery.....NAIP, July 2010
Roads.....©2006-2011 TomTom
Names.....GNIS, 2012
Hydrography.....National Hydrography Dataset, 2010
Contours.....National Elevation Dataset, 2006
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012

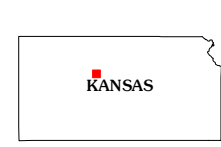
UTM GRID AND 2012 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

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



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 0.6.4



Plainville SE	Turkville	Fairport
Hays North	Catharine	Gorham
Hays South	Victoria	Walker

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

Interstate Route	State Route
US Route	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

CATHARINE, KS
2012