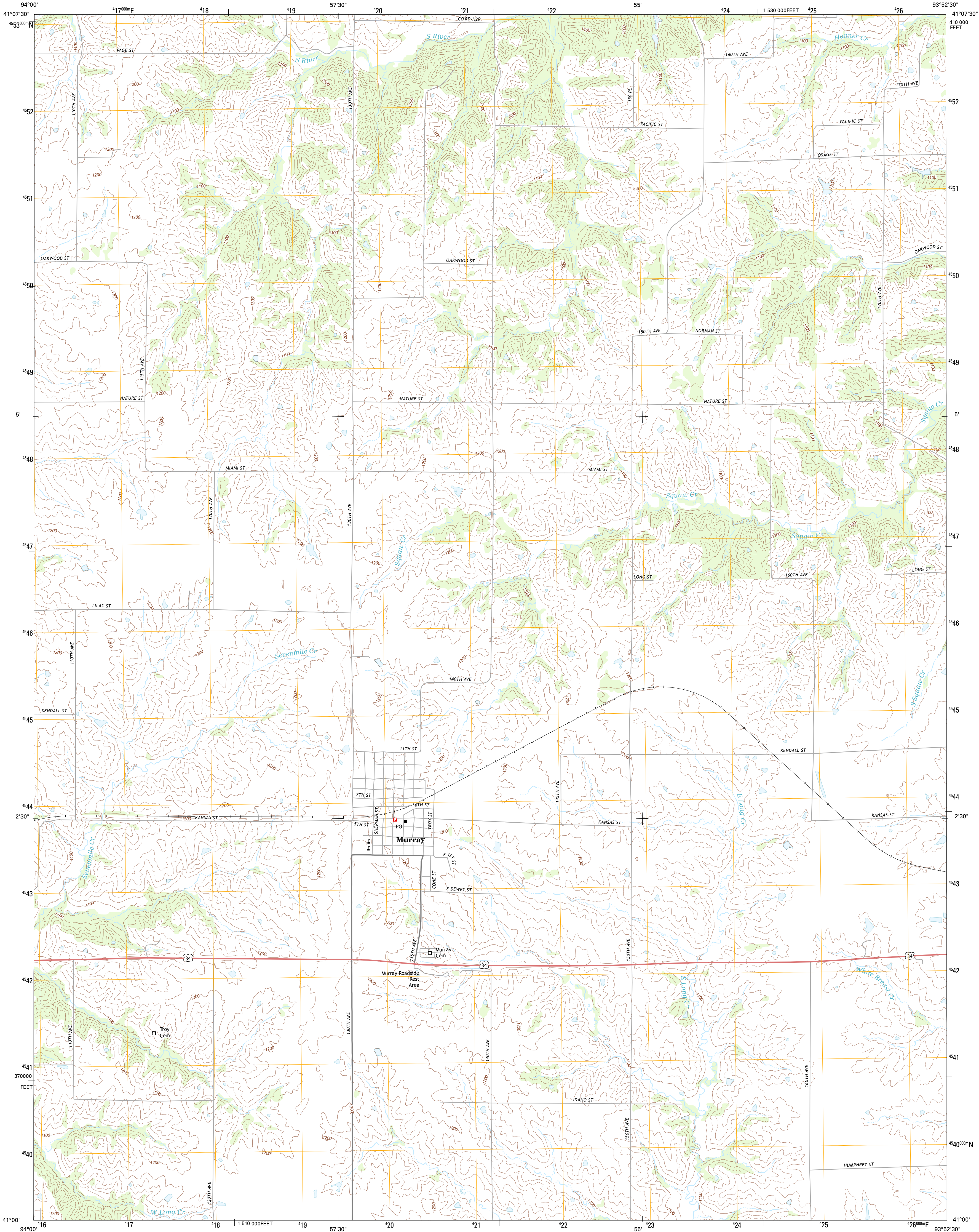




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



MURRAY QUADRANGLE  
IOWA-CLARKE 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 15T  
10 000-foot ticks: Iowa Coordinate System of 1983 (south zone)

Imagery.....NAIP, July 2011  
Roads.....©2006-2012 TomTom  
Names.....©2006-2012 TomTom  
Hydrography.....National Hydrography Dataset, 2011  
Contours.....National Elevation Dataset, 1999  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012

UTM GRID AND 2013 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

1° 37' 26" N  
11 MILES

U.S. National Grid  
100,000-m Square ID  
VF  
Grid Zone Designation  
15T

SCALE 1:24 000

1 000 500 0 500 1000 2000  
KILOMETERS  
1 000 500 0 500 1000 2000  
METERS  
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
MILES  
FEET

CONTOUR INTERVAL 20 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 0.6.11



QUADRANGLE LOCATION

Lottmor North	East Peru	Truro
Lottmor South	Murray	Ocesola
Tingley NE	Hopeville	Lacelle

ADJOINING 7.5 QUADRANGLES

ROAD CLASSIFICATION

Expressway  
Secondary Hwy  
Ramp  
Interstate Route  
US Route  
State Route

Local Connector  
Local Road  
4WD

MURRAY, IA  
2013