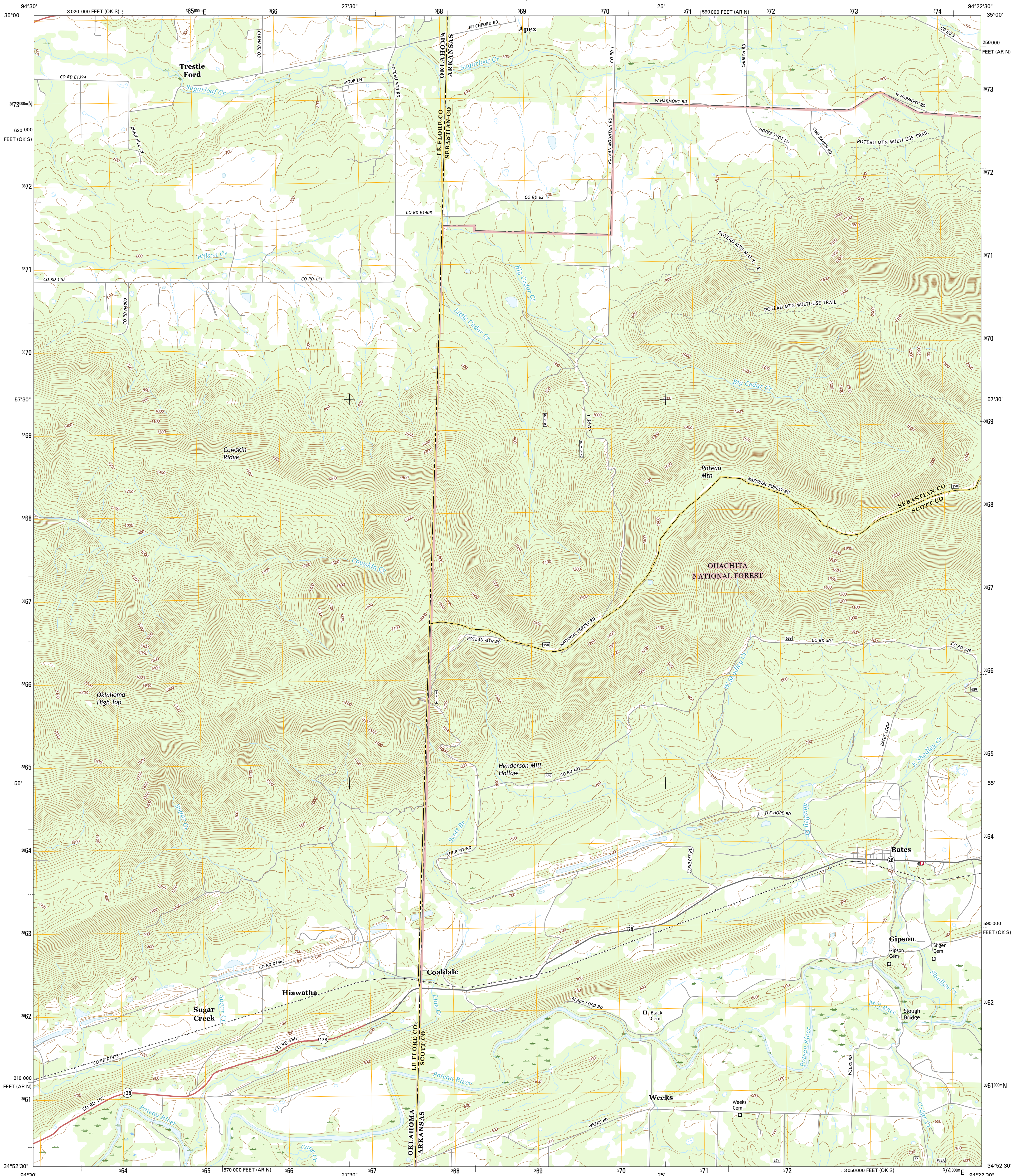




U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

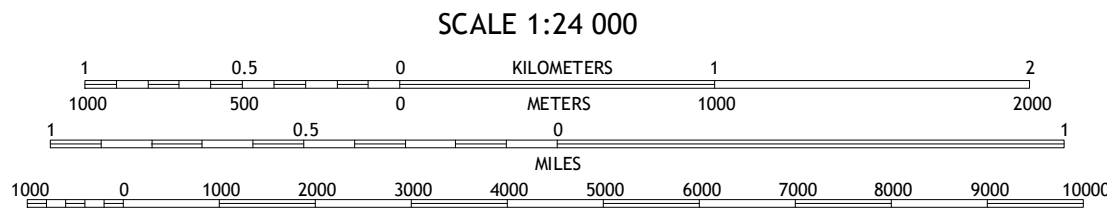


BATES QUADRANGLE
ARKANSAS-OKLAHOMA
7.5-MINUTE SERIES

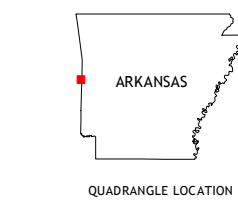


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1000-meter grid: Universal Transverse Mercator, Zone 15S
10 000-foot ticks: Arkansas Coordinate System of 1983 (north
zone), Oklahoma Coordinate System of 1983 (south 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
entering private lands.
Imagery.....NAIP, December 2015
Roads.....U.S. Census Bureau, 2015 - 2016
Roads within US Forest Service Lands.....FSTopo Data
with limited Forest Service updates, 2012 - 2016
Names.....GNIS, 2016
Hydrography.....National Hydrography Dataset, 2015
Contours.....National Elevation Dataset, 2003
Boundaries.....Multiple sources; see metadata file 1972 - 2016
Public Land Survey System.....BLM, 2015 - 2016
Wetlands.....FWS National Wetlands Inventory 1977 - 2014

UTM GRID AND 2017 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
U.S. National Grid
100,000 m Square ID
UU
Grid Zone Designation
15S



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 0.6.19



ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Interstate Route
FS Primary Route
Local Connector
Local Road
4WD
US Route
FS Passenger Route
State Route
FS High Clearance Route
Check with local Forest Service unit
for current travel conditions and restrictions.

1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 Poteau East
2 Hartford
3 Huntington
4 Heavener
5 Cauthron
6 Houtubay
7 Loving
8 Horseshoe Mountain

BATES, AR-OK
2017

