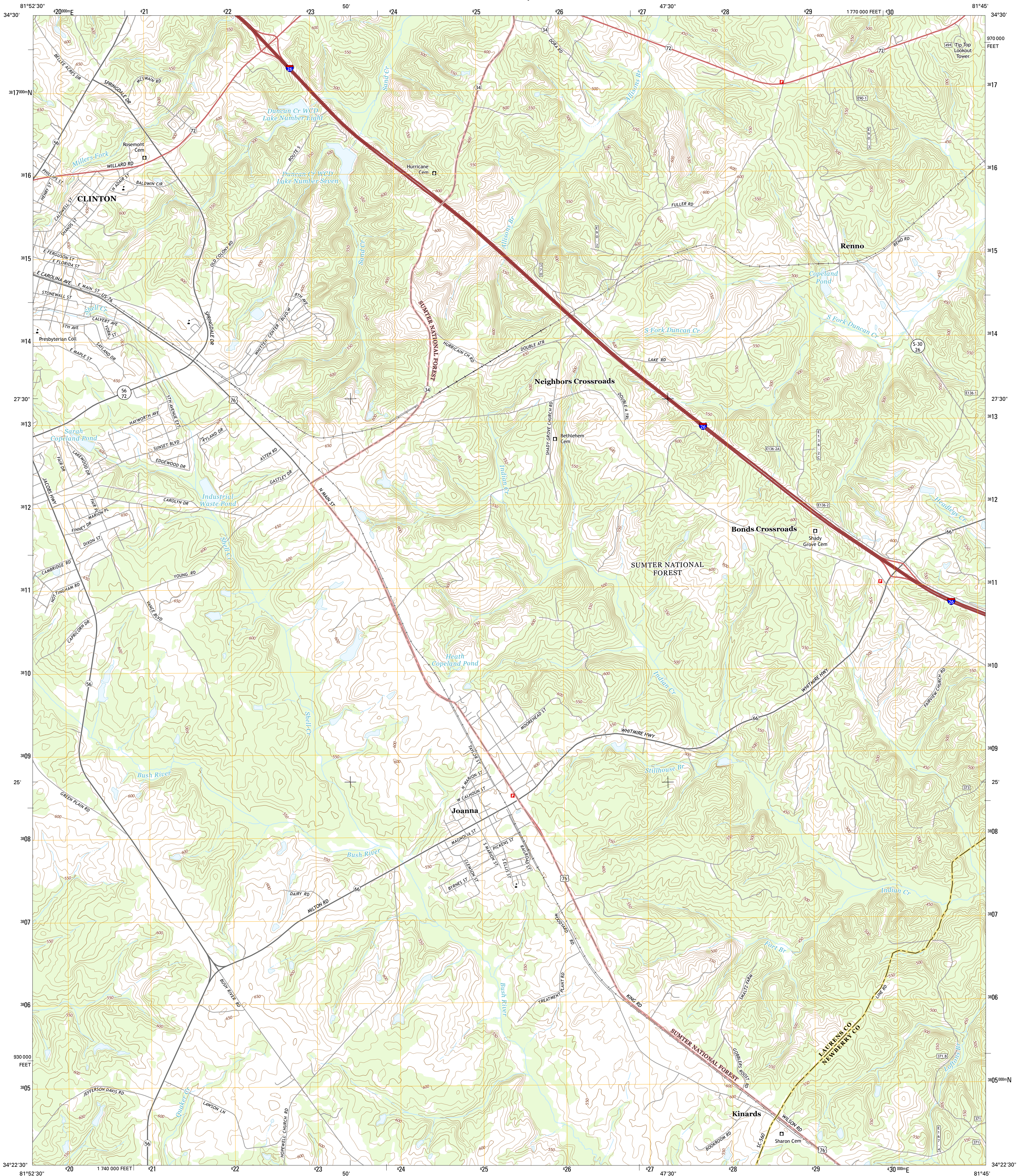




U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

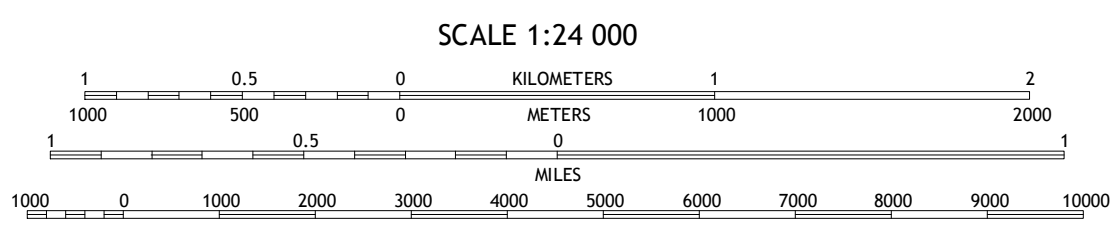


JOANNA QUADRANGLE  
SOUTH CAROLINA  
7.5-MINUTE SERIES



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 17S  
10 000-foot ticks: South Carolina Coordinate System of 1983  
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, April 2011  
Roads.....HERE, ©2013  
Roads within US Forest Service Lands.....FS Topo Data  
with limited Forest Service updates, 2013  
Names.....GNIS, 2013  
Hydrography.....National Hydrography Dataset, 2011  
Contours.....National Elevation Dataset, 2009  
Boundaries.....Multiple sources; see metadata file 1972 - 2013

UTM GRID AND 2014 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET  
U.S. National Grid  
100,000-m Square ID  
MU  
Grid Zone Designation  
17S



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  
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 Ora  
2 Philson Crossroads  
3 Seclia  
4 Clinton  
5 Newberry NW  
6 Cross Hill  
7 Bush River  
8 Newberry West

JOANNA, SC  
2014

