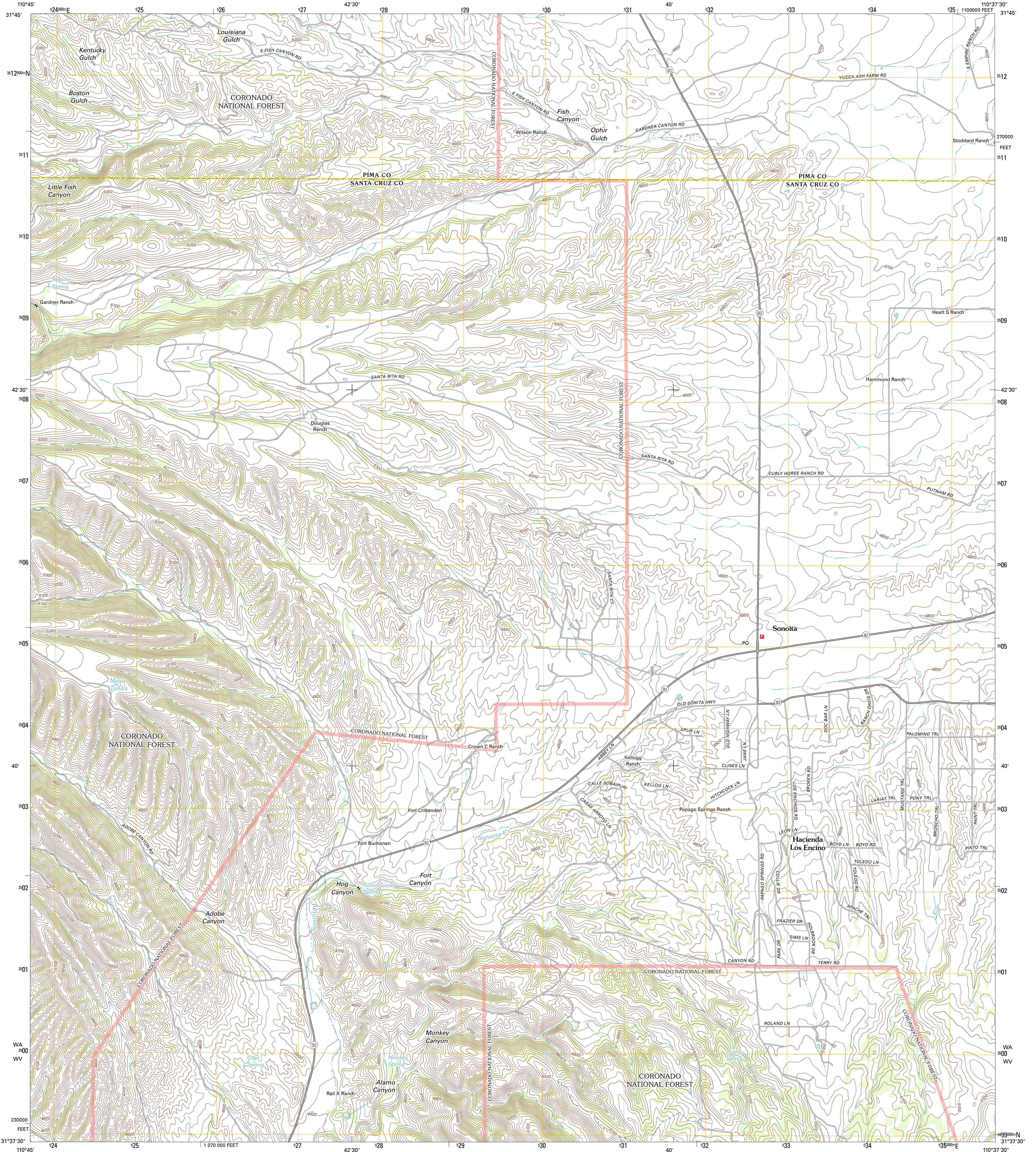




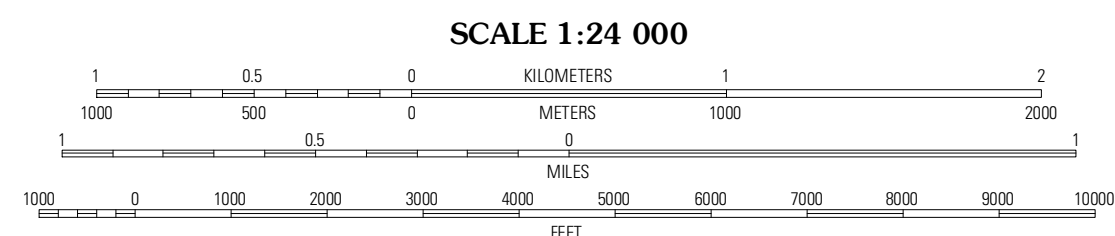
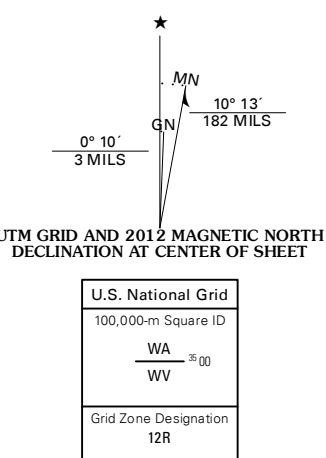
U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



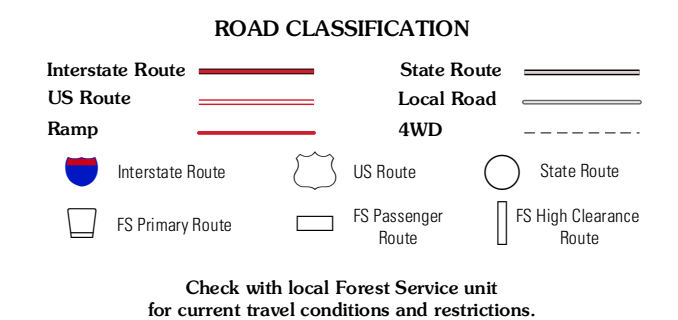
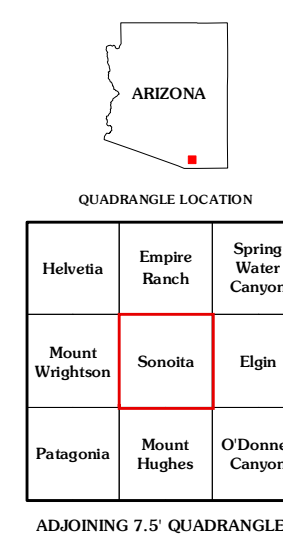
SONOITA QUADRANGLE  
ARIZONA  
7.5-MINUTE SERIES



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 12R  
10 000-foot ticks: Arizona Coordinate System of 1983  
(central zone)



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 0.6.1



Imagery: NADIP, June 2010  
Roads: 2006-2011 TomTom  
Roads within US Forest Service Lands: FSTopo Data  
with limited Forest Service updates, 2009  
Names: GNS, 2011  
Hydrography: National Hydrography Dataset, 2010  
Contours: National Elevation Dataset, 2003  
Boundaries: Census, IBWC, IBC, USGS, 1972 - 2010

U.S. National Grid  
100,000-meter Square ID

WA	12R
WV	12R

Grid Zone Designation  
12R

QUADRANGLE LOCATION

Helvetia	Empire	Spring
Mount	Sonoita	Elgin
Wrightston		
Patagonia	Mount	O'Donnell
	Hughes	Canyon

ADJOINING 7.5 QUADRANGLES

SONOITA, AZ  
2012