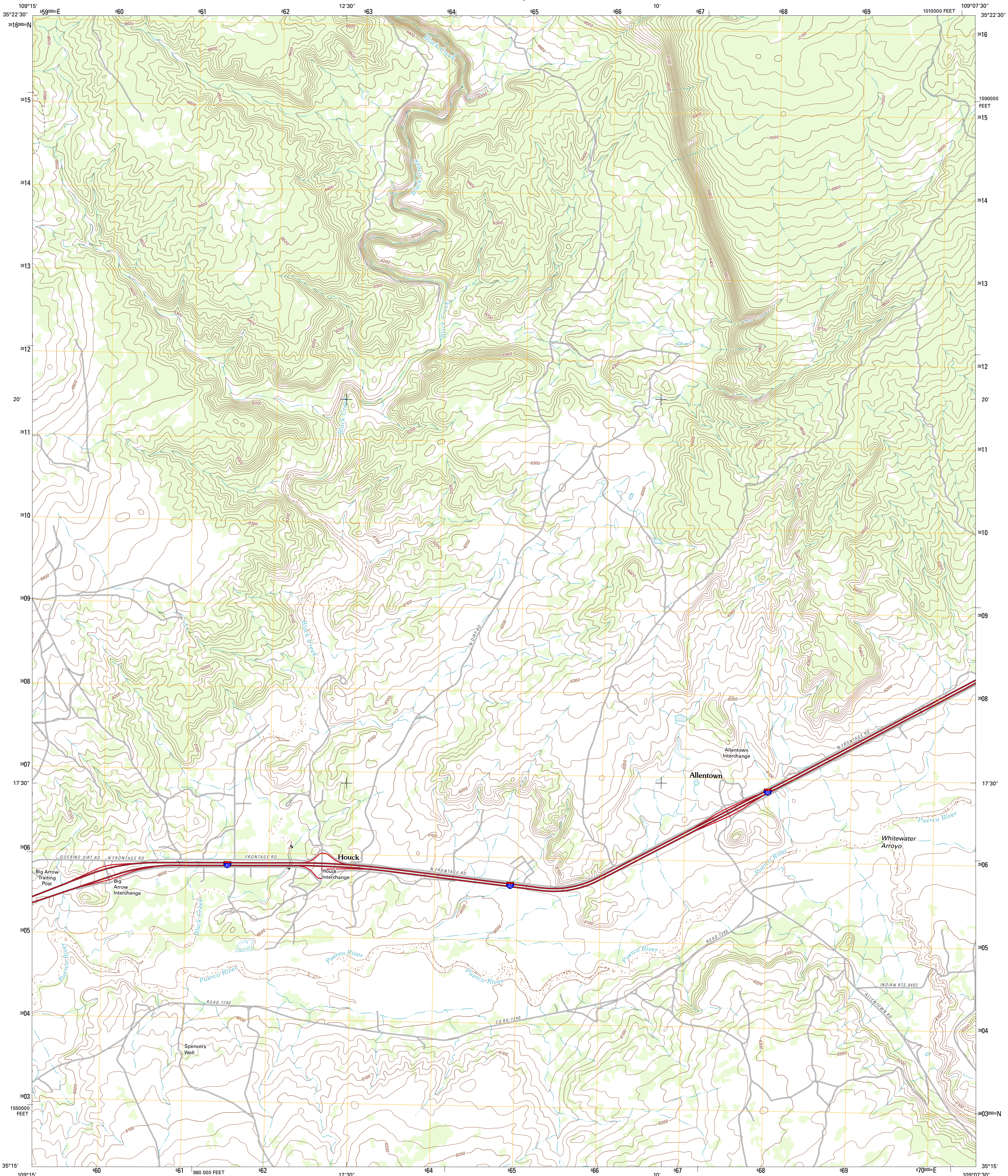




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



HOUCK QUADRANGLE
ARIZONA-APACHE CO.
7.5-MINUTE SERIES

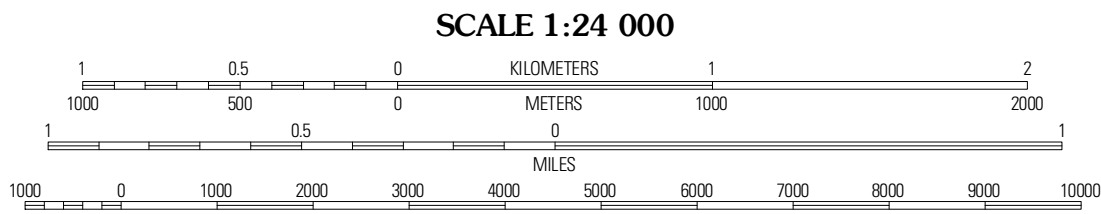


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1 000-meter grid; Universal Transverse Mercator, Zone 12S
10 000-foot ticks; Arizona Coordinate System of 1983 (east zone)

Imagery.....NAIP, June 2010
Roads.....©2006-2011 TomTom
Names.....GNS, 2011
Hydrography.....National Hydrography Dataset, 2007
Contours.....National Elevation Dataset, 2002
Boundaries.....Census, IBWC, IBC, USGS, 1972-2010

UTM GRID AND 2011 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000m Square ID
XE
Grid Zone Designation
12S



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



QUADRANGLE LOCATION		
Pine Springs	Uranium Spring	Surrender Canyon
Burnwater Wash	Hock	Lupton
Sanders	Tolapai Spring	Chaffin Well

ADJOINING 7.5' QUADRANGLES

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

HOUCK, AZ
2011