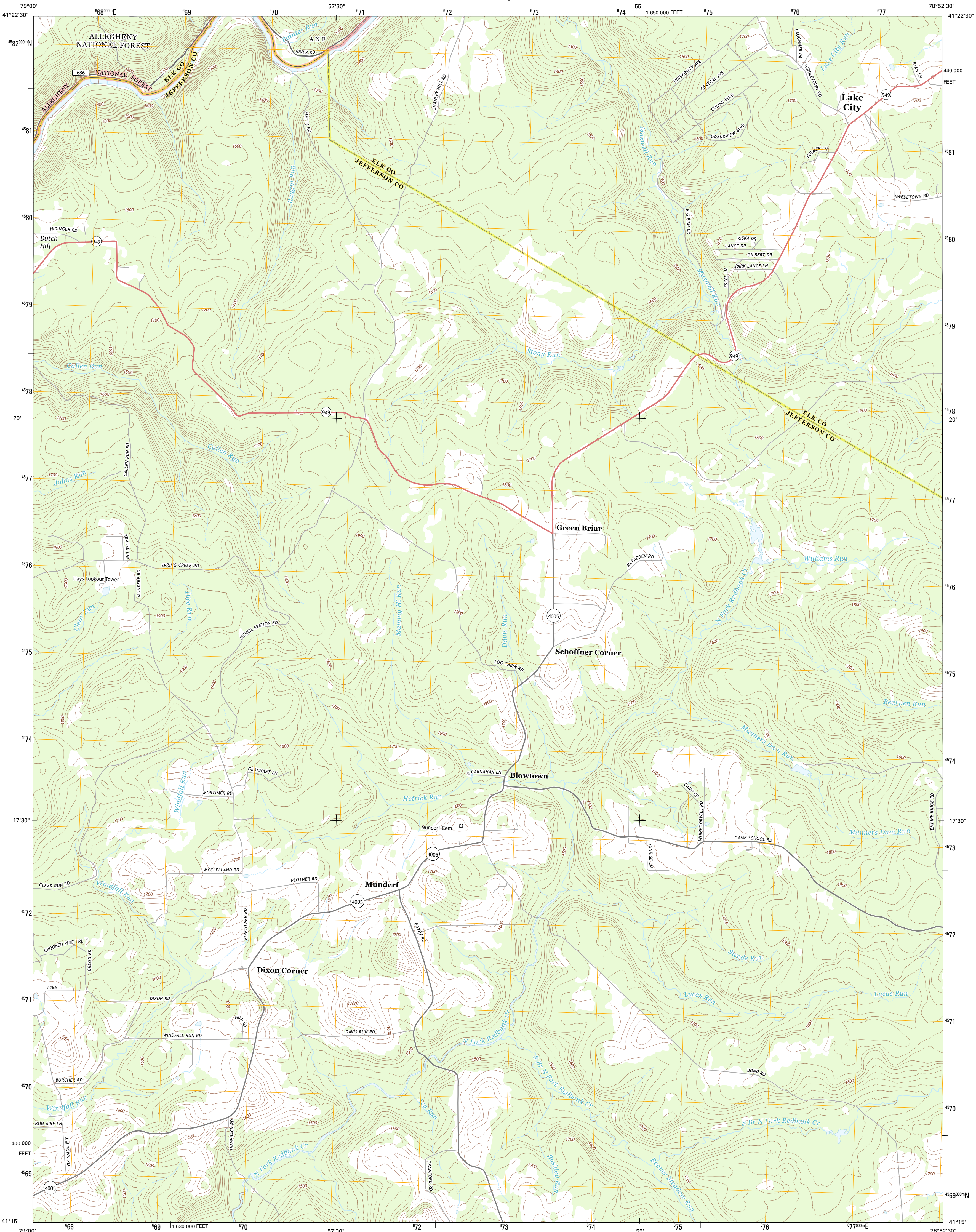




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



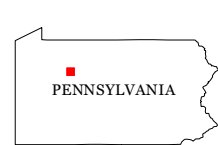
MUNDERF QUADRANGLE
PENNSYLVANIA
7.5-MINUTE SERIES



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 17T
10 000-foot ticks: Pennsylvania Coordinate System of 1983
(north zone)

UTM GRID AND 2013 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0.5 0 0.5 1 2
1000 500 0 500 1000 2000
KILOMETERS
1 0.5 0 0.5 1
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
METERS
1 0.5 0 0.5 1
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
MILES
CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988



QUADRANGLE LOCATION		
Marionville East	Haiton	Portland Mills
Sigel	Munderf	Carman
Brookville	Hazen	Pals Creek

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Interstate Route
US Route
FS Primary Route
Local Connector
Local Road
4WD
FS Passenger Route
State Route
FS High Clearance Route

Check with local Forest Service unit
for current travel conditions and restrictions.

MUNDERF, PA
2013

Imagery.....NAIP, May 2010
Roads.....©2006-2012 TomTom
Roads within US Forest Service Lands.....FS Topo Data
with limited Forest Service updates, 2013
Names.....GNIS, 2013
Hydrography.....National Hydrography Dataset, 2010
Contours.....National Elevation Dataset, 2010
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012

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