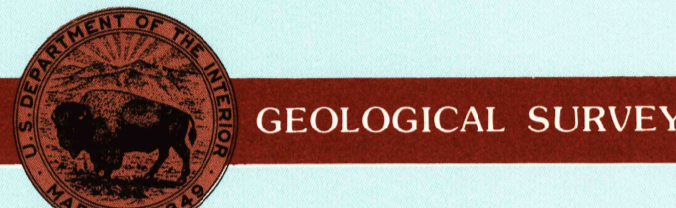


Smoky Mountain UTAH-ARIZONA

1:100 000-scale metric topographic map



- 30 X 60 MINUTE QUADRANGLE SHOWING
- Contours and elevations in meters
 - Highways, roads and other manmade structures
 - Water features
 - Woodland areas
 - Geographic names



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1964-1985. Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked. Map edited 1985.
 Projection and 10 000-meter grid, zone 12 Universal Transverse Mercator. 25 000-foot grid ticks based on Utah coordinate system, south zone. 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 5 meters north and 65 meters east. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 50 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY,
 P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	Magnetic Declination		1	2
1	3.2808	1985		1	2
2	6.5617	1986		3	4
3	9.8425	1987		5	6
4	13.1234	1988		7	8
5	16.4042	1989			
6	19.6850	1990			
7	22.9659	1991			
8	26.2467	1992			
9	29.5275	1993			
10	32.8084	1994			

To convert meters to feet multiply by 3.2808
 To convert feet to meters divide by 3.2808

UTM grid convergence (83N) and 1985 magnetic declination (M) at center of map. Diagram is approximate.

1 Panagatch
 2 Coconino
 3 Kane Crossing
 4 Navajo
 5 Navajo Mountain
 6 Fruita
 7 Glen Canyon Dam
 8 Kayenta



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 USGS NMD
 HISTORICAL MAP ARCHIVES

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, hard or improved surface
- Route marker, Interstate, U.S., State
- Railroad: standard gage, narrow gage
- Bridge, overpass, underpass
- Tunnel: road, railroad
- Built up area, locality, elevation
- Airport, landing field, landing strip
- National boundary
- County boundary
- National or State reservation boundary
- U.S. public lands survey: range, township, section
- Range, township, section line: protruded
- Power transmission line: pipeline
- Dam: dam with lock
- Cemetery, building
- Well: water well, spring
- Mine shaft: adit or cave, mine, quarry, gravel pit
- Campground; picnic area; U.S. location monument
- Ruin, cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake: perennial, intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Salt; mangrove
- Drowned; viewless