

# 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

**GEOLOGICAL SURVEY**

1985

Produced by the United States Geological Survey  
 Compiled from USGS 1:24 000-scale topographic maps dated 1964-1965. 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

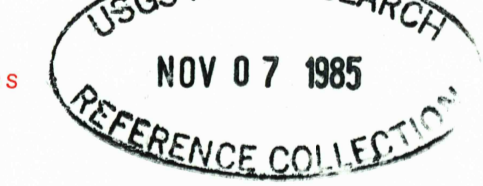
CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet			1	2
1	3.2808			3	4
2	6.5617			4	5
3	9.8425			5	6
4	13.1234			6	7
5	16.4042			7	8
6	19.6850			8	
7	22.9659			9	
8	26.2467			10	
9	29.5275				
10	32.8084				

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048

UTM grid convergence (G.M.) and grid magnetic declination (M.D.) at center of map. Diagram is approximate.

ADJOINING MAPS:  
 1 Panamint  
 2 Escalante  
 3 Hole Crossing  
 4 Kanab  
 5 Smoky Mountain  
 6 Fredonia  
 7 Glen Canyon Dam  
 8 Kayenta

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092



### Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
Other road or street, soil	
Route marker: Interstate, U. S., State	
Railroad: standard gage; narrow gage	
Bridge: overpass; underpass	
Tunnel: road; railroad	
Bank area, locality, elevation	
Airport; landing field; landing strip	
National boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grant boundary, easementary	
U. S. public lands survey: range, township; section	
Range, township; section line; protracted	
Power transmission line, pipeline	
Dam; dam with lock	
Canal; waterway	
Well; water well; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Ruins; 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	
South; magnetic	
Orchard; vineyard	