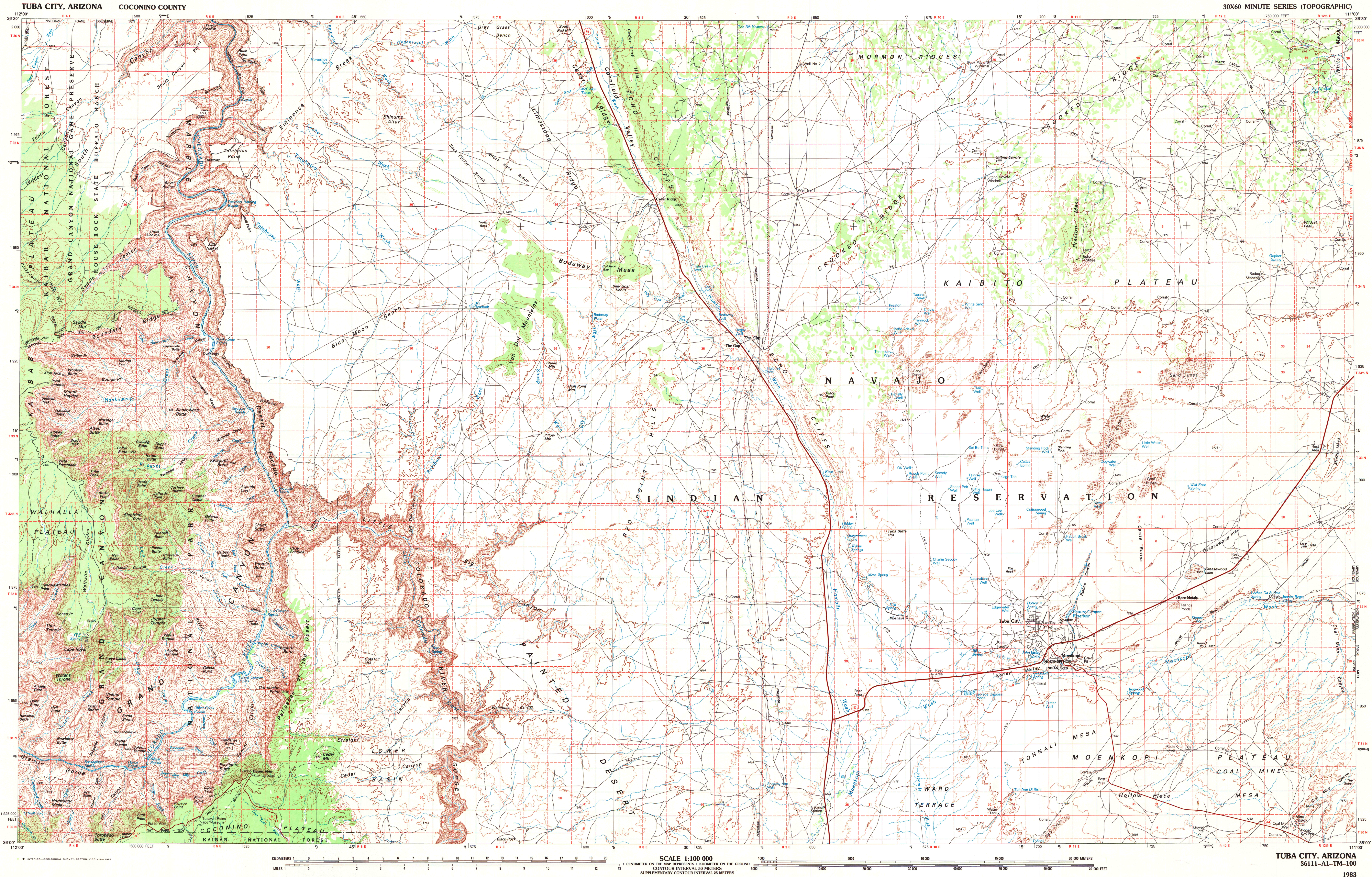




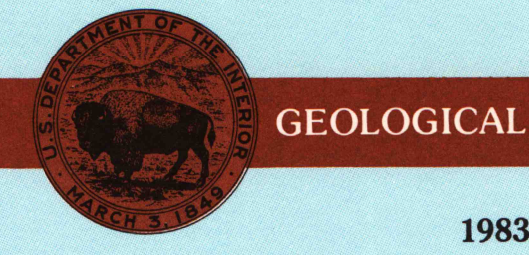
Tuba City ARIZONA

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 and 1:62 500-scale topographic maps dated 1954-1982. Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked. Map edited 1983.
Projection and 10 000-meter grid, zone 12, Universal Transverse Mercator.
25 000-foot grid ticks based on Arizona coordinate system, central 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
SUPPLEMENTARY CONTOUR INTERVAL 25 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808	0.18° S MILS 240 MILS		4	5	
2	6.5617					
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN and MN) magnetic declination (MN) at center of map Diagram is approximate		1	2	3
To convert feet to meters multiply by 0.3048				4	5	
				6	7	8

1

Fredonia

2

Grand Canyon Dam

3

Rayetta

4

Grand Canyon

5

Pilon

6

Valle

7

Cameroon

8

Policia

A.H. ROBINSON U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
MAP LIBRARY OR RESTON, VIRGINIA 22092

SEP 14 1984
University of Wisconsin
Madison

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal arterial, hard or improved surface
- Other road or street, trail
- 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
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey: range, township, section
- Range, township, section line: protected
- Power transmission line: pipeline
- Dam; dam with lock
- Canal; irrigation
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; cliff dwelling
- Disturbed 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
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

SET
B006-9/6