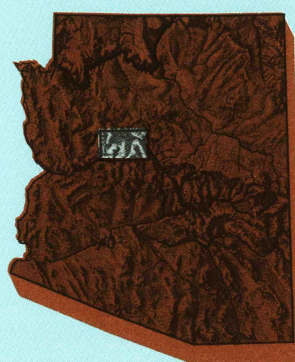


**1:100 000-scale *metric*
topographic map**

USGS NHD
HISTORICAL MAP ARCHIVES



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



1981

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps
dated 1947-1980. Planimetry revised from aerial photographs
taken 1972-73, 1978, and other source data. Revised information
not reflected. Map edited 1981
Projection and 10 000-meter grid, zone 11,
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 1 meter north and 67 meters east
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

CONTOUR INTERVAL 40 METERS
SUPPLEMENTARY CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARD
FOR SALE BY U.S. GEOLOGICAL SURVEY,
P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9657
8	26.2465
9	29.5272
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

UTM grid coordinates (GN) and 1981 magnetic declination (M) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

- Valentine
- Williams
- Flagstaff
- Flagstaff
- Sedona
- Alamo Lake
- Bradshaw Mts.
- Payson

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primary highway, hard surface	
secondary highway, hard surface	
road, dirt road, road, improved surface, hard or gravel surface	
road or street, trail	
route marker: Interstate, U. S. State	
rule: easements; narrow pipe	
rule: road, railroad	
rule: up area, locality, elevation	
rule: spot, landing field; landing strip	
national boundary	
state boundary	
county boundary	
national or State reservation boundary	
tribe and grant boundary	
U. S. public lands survey: range, township; section	
highway, township; section line: protected	
water transmission line, pipeline	
dam; dam with lock	
dam; building	
dam; shaft, well; spring	
drainage ditch, silt or overflow, quarry, gravel pit	
drainage; drainage point area, U. S. location monument	
line; cliff dwelling	
distorted surface: strip mine, levee, sea	
feature: interior; intermediate; supplementary	
feature: interior; intermediate; interior, intermediate	
feature: interior; interior, intermediate	
feature: large and small; falls, large and small	
feature to be submerged; marsh, swamp	
feature subject to controlled inundation; woodland	
feature: road, mangrove	

A pamphlet describing topographic maps is available on request.

