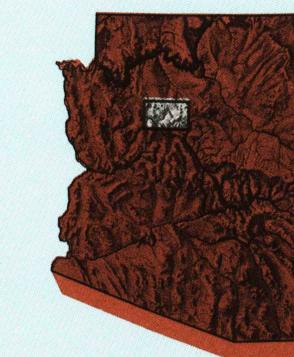


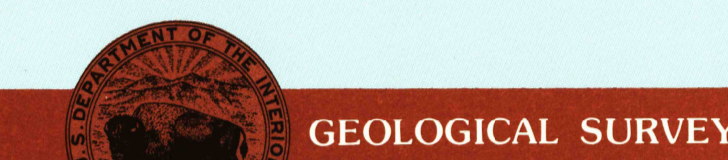
# Williams ARIZONA

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



1983

Produced by the United States Geological Survey  
 Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1960-1981. 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 2 meters 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 50 METERS NATIONAL GEODETIC VERTICAL DATUM 1929

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5616
3	9.8424
4	13.1232
5	16.4040
6	19.6848
7	22.9656
8	26.2464
9	29.5272
10	32.8080

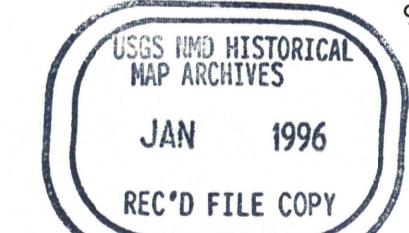
To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048

Declination	15 MILS	24 MILS
1	15	24
2	30	48
3	45	72
4	60	96
5	75	120
6	90	144
7	105	168
8	120	192
9	135	216
10	150	240

UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map  
 Diagram is approximate

Adjoining Maps	1	2	3
1	1	2	3
2	4	5	6
3	7	8	9

1 Peach Springs  
 2 Valle  
 3 Cameron  
 4 Valentine  
 5 Flagstaff  
 6 Flagstaff  
 7 Prescott  
 8 Sedona



### Topographic Map Symbols

Primary highway, hard surface	—
Secondary highway, hard surface	—
Light duty road, principal street, 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	—
Cemetery: building	—
Windmill; water well; spring	—
Mine shaft; adit or cave; mine, quarry; gravel pit	—
Compassing: stone area, U.S. location monument	—
Ruins, cliff dwelling	—
Disturbed surface: strip mine, lava, sand	—
Contours: index, intermediate; supplementary	—
Bathymetric contours: index, intermediate	—
Stream, lake: perennial, intermittent	—
Reefs, large and small; falls, large and small	—
Area to be submerged: marsh, swamp	—
Land subject to controlled inundation, woodland	—
Scrub; mangrove	—
Orchard; vineyard	—

