



# Globe

## 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

1986

Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps dated 1945–1968. Planimetry revised from aerial photographs taken 1983 and other source data.  
Revised information not field checked.  
Map edited 1986.  
Projection and 10 000-meter grid, zone 12  
Universal Transverse Mercator  
25 000-foot grid ticks based on Arizona coordinate system, east and central zones. 1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 3 meters south and 61 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																															
<table><tr><td>Meters</td><td>Feet</td></tr><tr><td>2</td><td>3280</td></tr><tr><td>3</td><td>6561</td></tr><tr><td>4</td><td>9842</td></tr><tr><td>5</td><td>13123</td></tr><tr><td>6</td><td>16404</td></tr><tr><td>7</td><td>19685</td></tr><tr><td>8</td><td>22966</td></tr><tr><td>9</td><td>26247</td></tr><tr><td>10</td><td>29528</td></tr><tr><td>11</td><td>32809</td></tr></table>	Meters	Feet	2	3280	3	6561	4	9842	5	13123	6	16404	7	19685	8	22966	9	26247	10	29528	11	32809		<table><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td></tr></table>	1	2	3	4	5	6	7	8	9
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To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by 0.3048

UTM grid convergence (GN and UTM converge at center of map)  
Diagram is approximate

1 Theodore Roosevelt Lake  
2 Navajo  
3 Navajo  
4 Clifton  
5 Casa Grande  
6 Mammoth  
7 Mammoth  
8 Safford



Topographic Map Symbols	
Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, gravel 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, projected	
Power transmission line, pipeline	
Dam; dam with lock	
Cemetery, building	
Windmill; water well; spring	
Mine shaft, adit or ore vein, 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	
Sink, mangrove	
Orchard; vineyard	