

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1967–1989. Planimetry revised from aerial photographs taken 1992 and other source data. Revised information not field checked. Map edited 1994

North American Datum of 1927 (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 12 25 000-foot ticks: Arizona coordinate system, central zone

The values of the shift between NAD 27 and North American Datum of 1983 (NAD 83) for 7.5-minute intersections are obtainable from National Geographic Survey NADCON software

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 20 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,
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CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
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 convergence (GN) and 1984 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

- 1 Gila Bend
- 2 Casa Grande
- 3 Mammoth
- 4 Ajo
- 5 Tucson
- 6 Lukeville
- 7 Yuma
- 8 Fort Huachuca

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USGS NMD
HISTORICAL MAP ARCHIVE

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
Area of use, 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; building
Windmill; water well; spring
Mine shaft; shaft or cave; mine, quarry, gravel pit
Geological, stone age, U.S. location monument
Ruins; old dwelling
Distorted surface strip mine; lake, sand
Cathartes; contour, interdecade; supplementary
Bathymetric contour; interdecade
Stream; lake; perennial; intermittent
Rapids, large and small; falls, large and small
Area to be submerged; marsh, swamp
Land subject to controlled inundation; woodland
Swamp
Orchard; vineyard

A pamphlet describing topographic maps is available on request.

