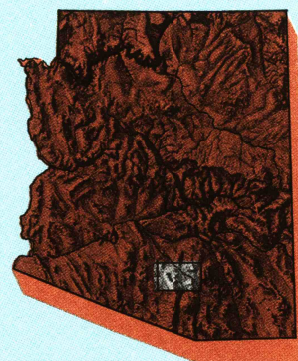


Casa Grande

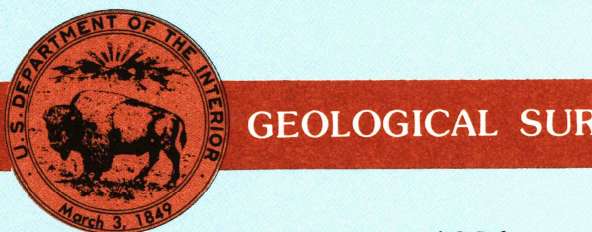
ARIZONA

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



1994

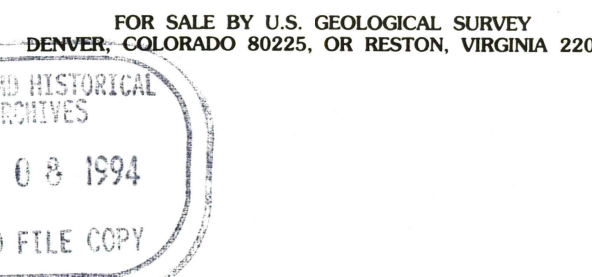
Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1964-1988. Planimetry revised from aerial photographs taken 1992 and other source data. Revised information not field checked. Map edited 1994.

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 Geospatial 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
SUPPLEMENTARY CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS							
Meters	Feet	MAGNETIC		1	2	3	4	5	6	7	8
1	3.2808			1	2	3	4	5	6	7	8
2	6.5617			1	2	3	4	5	6	7	8
3	9.8425			1	2	3	4	5	6	7	8
4	13.1234			1	2	3	4	5	6	7	8
5	16.4042			1	2	3	4	5	6	7	8
6	19.6850			1	2	3	4	5	6	7	8
7	22.9658			1	2	3	4	5	6	7	8
8	26.2467			1	2	3	4	5	6	7	8
9	29.5275			1	2	3	4	5	6	7	8
10	32.8084			1	2	3	4	5	6	7	8
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MD) at center of map. Diagram is approximate.		1	2	3	4	5	6	7	8
To convert feet to meters multiply by 0.3048				1	2	3	4	5	6	7	8



Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, not
- Route marker, Interstate, U. S., State
- Railroad, standard gauge, narrow gauge
- 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, protruded
- Power transmission line, pipeline
- Dam, dam with lock
- Cemetery, building
- Windmill, water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground, picnic area, U. S. location monument
- Ruins, old dwelling
- Disturbed surface, strip mine, levee, 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
- Orchard, vineyard

A pamphlet describing topographic maps is available on request

CASA GRANDE, ARIZONA
32111-E1-TM-100
1994