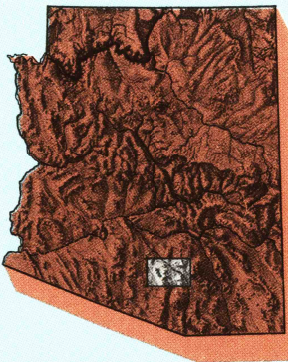


# Casa Grande

## ARIZONA

1:100 000-scale metric  
topographic map

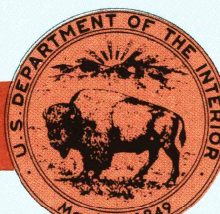


RECEIVED  
JUL 31 1999

USGS/NO  
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



GEOLOGICAL SURVEY

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 Geodetic 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

FOR SALE BY U.S. GEOLOGICAL SURVEY,  
P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808			4	5	
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		UTM grid convergence (GM) and 1984 magnetic declination (MM) at center map Diagram is approximate		1 Phoenix South 2 Mesa 3 Globe 4 Casa Bend 5 Mammoth 6 Rio 7 Silver Bell Mts 8 Tucson		
To convert feet to meters multiply by 0.3048						



## 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 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, protected	
Power transmission line: pipeline	
Dam; dam with lock	
Cemetery; building	
Well; water well; spring	
Mine shaft; adit or cave mine; 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	
Soil: meadow	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request



100% RECYCLED PAPER

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 20 METERS

SUPPLEMENTARY CONTOUR INTERVAL 10 METERS

CASA GRANDE, ARIZONA

32111-E1-TM-100

1994