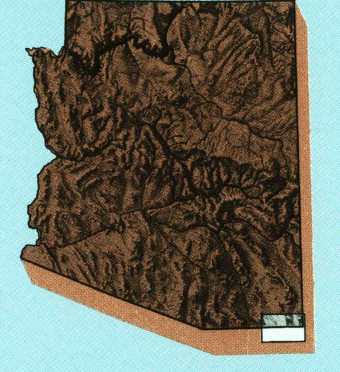


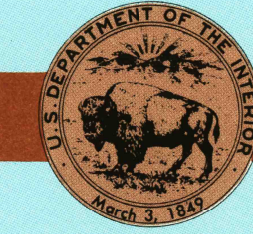
# Douglas

## ARIZONA-NEW MEXICO-SONORA

1:100 000-scale metric topographic map



- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



**GEOLOGICAL SURVEY**

1994

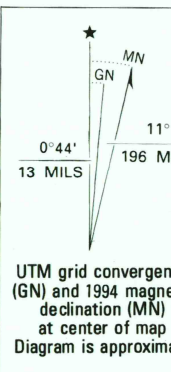
Produced by the United States Geological Survey  
U.S. portion compiled from USGS 1:24 000-scale topographic maps dated 1957-1985. Planimetry revised from aerial photographs taken 1991 and other source data. Revised information not field checked.  
Mexico portion derived from DGG 1:50,000-scale topographic map dated 1975-1982. Neco H12214, Agua Prieta H12835, San Bernardino H12836, Canahuenoc H12844, El Progreso H12845, Dicocho De Agosto H12846.  
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, east zone and New Mexico coordinate system, west 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. Mexico portion is NAD 27.  
There may be private inholdings within the boundaries of the National or State reservations in the U.S. portion shown on this map.

CONTOUR INTERVAL 50 METERS IN THE UNITED STATES  
SUPPLEMENTARY CONTOUR INTERVAL 25 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO NEAREST METERS  
CONTOUR INTERVAL 20 METERS IN MEXICO  
DATUM IS MEAN SEA LEVEL

| CONVERSION TABLE |         |
|------------------|---------|
| Meters           | Feet    |
| 2                | 6.5617  |
| 4                | 13.1234 |
| 6                | 19.6851 |
| 8                | 26.2468 |
| 10               | 32.8084 |

To convert meters to feet multiply by 1.0936  
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM



UTM grid convergence (km) and 100 magnetic declination (MM) at center of map. Diagram is approximate.

| ADJOINING MAPS |   |   |
|----------------|---|---|
| 1              | 2 | 3 |
| 4              | 5 | 6 |
| 7              | 8 |   |

1 Fort Huachuca  
2 Chiricahua Peak  
3 Animas  
4 Nogales  
5 Alamo Hueco Mts  
6

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092 AND BY CENTRO DE INFORMACION Y VENTA, INSTITUTO NACIONAL DE ESTADISTICA GEOGRAFICA E INFORMATICA, BALDERAS No. 71, PB., CP 15620 MEXICO, D.F.

USGS AND HISTORICAL MAP ARCHIVES

SEP 27 1994

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: protracted | 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 | Ruin; cliff dwelling | Distorted surface: strip mine, lava, sand | Contours: index, intermediate, supplementary | Barometric contour: 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 | Shrub; mangrove | Orchard; vineyard |
|-------------------------------|---------------------------------|---|-----------------------------|---------------------------------------|--------------------------------------|-----------------------------|------------------------|------------------------------------|---------------------------------------|-------------------|----------------|-----------------|--|---------------------|--|---|-----------------------------------|--------------------|--------------------|------------------------------|--|---|----------------------|---|--|---|---------------------------------------|---|------------------------------------|---|-----------------|-------------------|