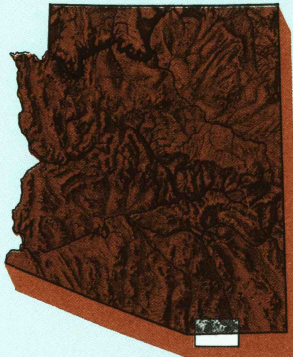


Nogales

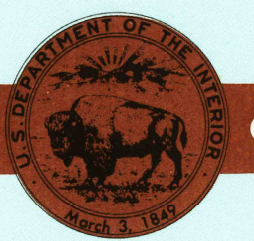
ARIZONA-SONORA

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

1994

Produced by the United States Geological Survey
U.S. portion compiled from USGS 1:24 000-scale topographic maps dated 1952-83. 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 maps dated 1979. Nogales H12B31, La Noria H12B32 Los Corrales H12B33, Santa Cruz H12B42, and Jose Maria Morelos H12B43
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 and east zones
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
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ELEVATIONS SHOWN TO NEAREST METER
CONTOUR INTERVAL 10 AND 20 METERS IN MEXICO
DATUM IS MEAN SEA LEVEL

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 AND BY SERVICIO A USUARIOS, INEGI, DIRECCION DE INTEGRACION Y ANALISIS, SUBDIRECCION DE COMERCIALIZACION, HEREDERO DE NACOSARI 2301 PUERTA 11, COL. DEL PARQUE C.P. 20290, AGUASCALIENTES, AGS, MEXICO

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
1	3.2808		4	5	6	7
2	6.5617					
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (EN) and 1984 magnetic declination (MN) at center of map diagram is approximate				
To convert feet to meters multiply by 0.3048						



THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

RECEIVED
MAR 31 2000
U.S. GEOLOGICAL SURVEY
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	
Ruins; cliff dwelling	
Disturbed 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	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

