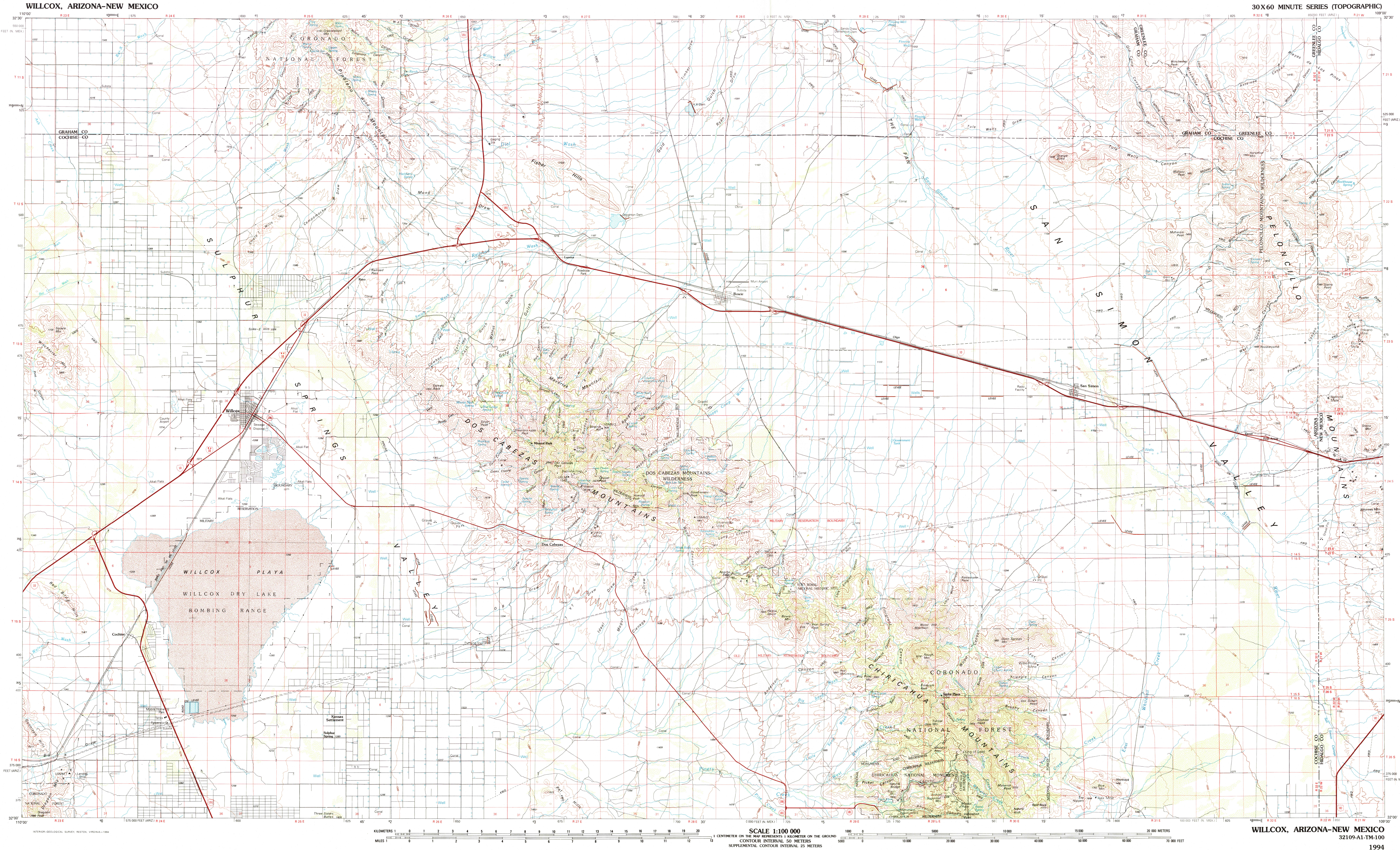




USGS
science for a changing world

Willcox
ARIZONIA—NEW MEXICO

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

U.S. GEOLOGICAL SURVEY

1994

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1974–1987. Planimetry revised from aerial photographs taken 1991 and other source data. Revised information not field checked. Map edited 1994.
North American Datum of 1927 (NAD 27). Projection and 11 000-meter grid: Universal Transverse Mercator, zone 12 25 000-foot ticks. Arizona coordinate system, west 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.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 50 METERS
SUPPLEMENTARY CONTOUR INTERVAL 25 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		1	2	3	
2	6.5617		4	5		
3	9.8425		6	7	8	
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9658					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (6N) and 1984 magnetic declination (11N) at center of map. Diagram is approximate.				
To convert feet to meters multiply by 0.3048						

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USGS NMD
HISTORICAL MAP ARCHIVES

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, patented
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
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
Shrub; mangrove
Ocher's viewpoint