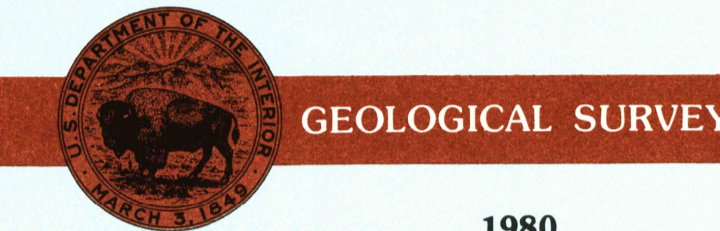




30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey  
 Compiled from USGS 1:62 500-scale topographic maps dated 1963-1965. Planimetry revised from aerial photographs taken 1972-73, and other source data. Revised information not field checked. Map edited 1980.  
 Projection and 10 000-meter grid, zone 12, Universal Transverse Mercator.  
 25 000-foot grid ticks based on Arizona coordinate system, west and central zones. 1927 North American Datum.  
 To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 69 meters east.  
 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 10 METERS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

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	GN	M	1	2	3
1	3.2808		17° 03' 13" M	1	Yuma	
2	6.5617			2	Daniels	
3	9.8425			3	Cala Bend	
4	13.1234			4	Thomas Mts.	
5	16.4042			5	Alpa	
6	19.6850			6	Quibobaguio Hills	
7	22.9659			7	Quibobaguio Hills	
8	26.2467			8	Lakeville	
9	29.5275					
10	32.8084					

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048

UTM grid convergence 630 and 310 magnetic declination 17° 03' 13" at center of map  
 Diagram is approximate



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HISTORICAL MAP ARCHIVES

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, private 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: salt or base mine, quarry, gravel pit
- Campground, picnic area, U. S. National monument
- Ruins: cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: side, 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



100% RECYCLED PAPER

