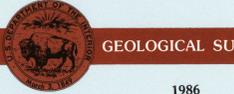




30 X 60 MINUTE QUADRANGLE SHOWING

- 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 1:24 000 and 1:62 500-scale topographic maps dated 1962-1983. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1986.
 Projection and 10 000-meter grid, zone 11. Universal Transverse Mercator 25 000-foot grid ticks based on Arizona coordinate system, west zone and California coordinate system, zone 6 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 2 meters south and 73 meters east. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 50 METERS NATIONAL GEODETIC VERTICAL DATUM OF 1929

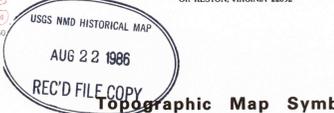
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	1	2	1	2
1	3.2808	131° 15' 00"	131° 14' 00"	4	5
2	6.5617	131° 14' 00"	131° 13' 00"	5	6
3	9.8425	131° 13' 00"	131° 12' 00"	6	7
4	13.1234	131° 12' 00"	131° 11' 00"	7	8
5	16.4042	131° 11' 00"	131° 10' 00"	8	
6	19.6850	131° 10' 00"	131° 09' 00"		
7	22.9659	131° 09' 00"	131° 08' 00"		
8	26.2467	131° 08' 00"	131° 07' 00"		
9	29.5275	131° 07' 00"	131° 06' 00"		
10	32.8084	131° 06' 00"	131° 05' 00"		

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

UTM grid convergence (GM) and 1983 magnetic declination (DM) at center of map. Diagram is approximate.

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- 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
 - 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
 - Line 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; shaft 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
 - 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
 - Sand; mangrove
 - Orchard; vineyard

