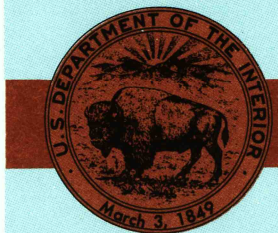


30 X 60 MINUTE QUADRANGLE
SHOWING

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



U. S. GEOLOGICAL SURVEY

1984
PHOTOINSPECTED 1990

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1956-1980. Planimetry revised from aerial photographs taken 1981 and 1983 and other source data. Revised information not field checked. Map edited 1984

1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 16 25 000-foot ticks: Indiana coordinate system, west and east zones

The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875.

There may be private holdings within the boundaries of the National or State reservations shown on this map
Map photoinspected using 1987 and 1990 photographs
No major culture or drainage changes found

CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
2	3.2808		1	2	3	
4	6.5617		4	5		
6	8.8425					
8	13.1234					
10	16.4042					
12	16.8850					
14	22.9559					
16	25.2467					
18	29.5275					
20	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GM) and 1984 magnetic declination (MN) at center of map. Diagram is approximate				
To convert feet to meters multiply by 0.3048						
				1	2	3
				4	5	
				6	7	8
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