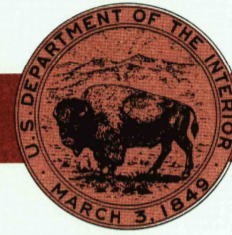


[illegible]

**N4130-W9500/30X60**

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



1980

Compiled from USGS 1:24 000-scale topographic maps dated 1970-1978. Planimetry revised from aerial photographs taken 1973 and other source data. Revised information not field checked. Map edited 1980

Projection and 10 000-meter grid, zone 15,  
Universal Transverse Mercator  
25 000-foot grid ticks based on Iowa coordinate system,  
south and north zones  
1927 North American Datum  
To place on the predicted North American Datum 1983 move  
the projection lines 4 meters north and 23 meters east  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS  
SUPPLEMENTARY CONTOUR INTERVAL 5 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

USGS NMD HISTORICAL MAP ARCHIVES

CONVERSION TABLE      DECLINATION DIAGRAM      ADJOINING MAPS

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

UTM grid convergence (GN) and 1980 magnetic declination (MM) at center of map. Diagram is approximate

1	2
4	
6	7

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

Primary highway, hard surface  
Secondary highway, hard surface  
Light duty road, principal street, hard or improved surface  
Thru road or street, trail  
County marker, Interstate, U.S. State  
Intersecting, standard angle; narrow angle  
Bridge, overpass, underpass  
Tunnel; road; railroad  
Built up area; locality; elevation  
Airport, landing field; landing strip  
Cultural boundary  
National or State reservation boundary  
and grant boundary  
S. public lands survey: range, township; section  
S. national survey: township, section; protracted  
Lower transmission line, pipeline  
Well, with lock  
Geometric, building  
Windmill, water well, spring  
Line shaft; adit or cave; mine; quarry; gravel pit  
Ampponding; picnic area; U.S. location monument  
Shores; cliff dwelling  
Distorted surface: strip mine, lava, sand  
Contours: index, intermediate, supplementary  
Topographic features: index, intermediate  
Synthetic lake; perennial, intermittent  
Rivers, large and small; bays, large and small  
Area to be submerged; marsh, swamp  
Area subject to controlled inundation; woodland  
Crab; mangrove

A pamphlet describing topographic maps is available on request