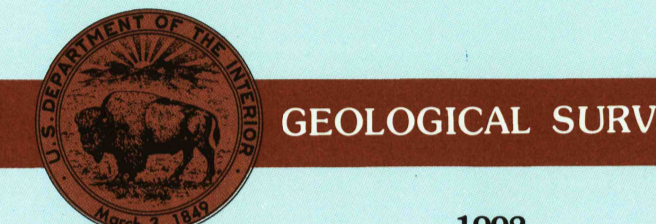


30 X 60 MINUTE QUADRANGLE SHOWING

- 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 topographic maps dated 1960-1982. Planimetry revised from aerial photographs taken 1989 and other source data. Revised information not field checked. Map edited 1992
 Projection and 10 000-meter grid, zone 17
 Universal Transverse Mercator
 25 000-foot grid ticks based on Ohio coordinate system, north and south zones
 1927 North American Datum
 To place on the predicted North American Datum 1983, move the projection lines 2 meters south and 8 meters west
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

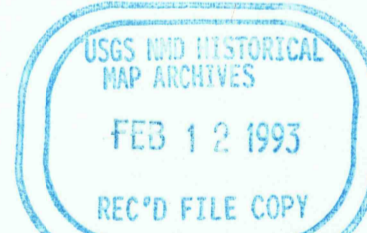
CONTOUR INTERVAL 5 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5617
4	13.1234
6	19.6851
8	26.2468
10	32.8084

UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map	Diagram by 0.3048
1	Lima
2	Mexico
3	Manusilla
4	Papas
5	Newark
6	Denton
7	Springfield
8	Lancaster

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



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 gage, narrow gage
- Bridge: overpass, underpass
- Natural road: railroad, underpass
- Salt 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: protected
- Power transmission line: pipeline
- Dam; dam with lock
- Cemetery, building
- Wellhead, water well, spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruin; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contour: 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
- Stock, meadow
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

