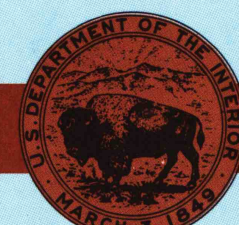


- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



1985  
PHOTOINSPECTED 1987

Compiled from USGS 1:24 000-scale topographic maps dated 1979. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field-checked. Map edited 1985.

Projection and 10 000-meter grid, zone 14,  
Universal Transverse Mercator  
25 000-foot grid ticks based on Kansas coordinate  
system, north zone  
1927 North American Datum  
To place on the predicted North American Datum 1983, move  
the projection lines 3 meters north and 36 meters east  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

Map photoinspected using 1987 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

| 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 |

**DECLINATION DIAGRAM**

UTM grid convergence (GN) and North magnetic declination (MN) at center of map  
Diagram is approximate

| 1 | 2 | 3 |
|---|---|---|
| 6 | 7 | 8 |

1 Saint Francis  
2 Oberlin  
3 Norton  
4 Goodland  
5 Plainville  
6 Sharon Springs  
7 Healy  
8 Hays

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

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|   |  |
|---|--|
| Primary highway, hard surface                               |  |
| Secondary highway, hard surface                             |  |
| Light duty road, principal street, hard or improved surface |  |
| Other road or street; soil                                  |  |
| Road marker, intersection, U.S. State                       |  |
| Railroad: standard gage, narrow gage                        |  |
| Bridge; overpass; underpass                                 |  |
| Tunnel; road; railroad                                      |  |
| Built up area; locality; elevation                          |  |
| Airport; landing field; landing strip                       |  |
| County; boundary field                                      |  |
| State boundary  |  |
| National boundary   |  |
| County boundary   |  |
| United States National 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  |  |
| Windmill; water well; spring                                |  |
| Mine shaft; adit or cave; mine; quarry; gravel pit          |  |
| Canneging; point area; U.S. location monument               |  |
| Boys' life dwelling   |  |
| Disturbed surface: strip mine, levee, sand                  |  |
| Contours: index, intermediate; supplementary                |  |
| Bathymetric contours: index, intermediate                   |  |
| Stream; lake; perennial; intermittent                       |  |
| Rapids, large and small; falls, targe and small             |  |
| Area to be submerged; marsh, swamp                          |  |
| Land subject to controlled flooding; woodland               |  |
| Scrub; mangrove   |  |
| Orchard; vineyard   |  |

A pamphlet describing topographic maps is available on request.

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