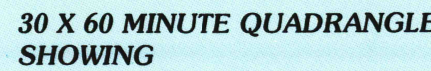
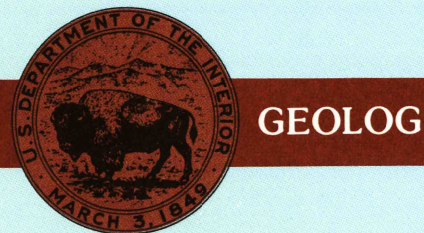


**1:100 000-scale *metric*  
topographic map**



- 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 1963. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1985  
Projection and 10 000-meter grid, zone 16.  
Universal Transverse Mercator  
25 000-foot grid ticks based on Illinois coordinate system, east and west zones  
1927 North American Datum  
To place on the predicted North American Datum 1983, move the projection lines 1 meter north and 5 meters east  
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

| CONVERSION TABLE |         | DECLINATION DIAGRAM                                | ADJOINING MAPS |   |   |   |
|------------------|---------|----------------------------------------------------|----------------|---|---|---|
| Meters           | Feet    |                                                    | 1              | 2 | 3 | 4 |
| 2                | 6.5608  | <p>GN<br/>MN<br/>0°59' 1°7'<br/>17 MILS 9 MILS</p> | 1              | 2 | 3 | 4 |
| 3                | 9.8425  |                                                    | 5              | 6 | 7 | 8 |
| 4                | 13.1234 |                                                    |                |   |   |   |
| 5                | 16.4042 |                                                    |                |   |   |   |
| 6                | 19.6850 |                                                    |                |   |   |   |
| 7                | 22.9659 |                                                    |                |   |   |   |
| 8                | 26.2467 |                                                    |                |   |   |   |
| 9                | 29.5276 |                                                    |                |   |   |   |
| 10               | 32.8084 |                                                    |                |   |   |   |

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

UTM grid coordinates (GN) and 1983 magnetic declination (MN) at center of map. Diagram is approximate

|   |          |
|---|----------|
| 1 | Keweenaw |
| 2 | Ottawa   |
| 3 | Kumkeke  |
| 4 | Poorie   |
| 5 | Wataksa  |
| 6 | Lincoln  |
| 7 | Pawpaign |
| 8 | Dawdle   |

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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, trail                                 |  |
| Road marker: Interstate U.S. State                          |  |
| Railroad: standard gage; narrow gage                        |  |
| Bridge: overpass, underpass                                 |  |
| Tunnel: road, railroad                                      |  |
| Built up area: locally, 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: protracted                   |  |
| Power transmission line, pipeline                           |  |
| Dam; dam with spillway                                      |  |
| Cemetery; building                                          |  |
| Windmill; water well; spring                                |  |
| Mine shaft; art or cave; mine, quarry; gravel pit           |  |
| Campground; picnic area; U.S. location monument             |  |
| Climf 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             |  |
| Scrub; mangrove                                             |  |
| Orchard; vineyard                                           |  |

A pamphlet describing topographic maps is available on request.