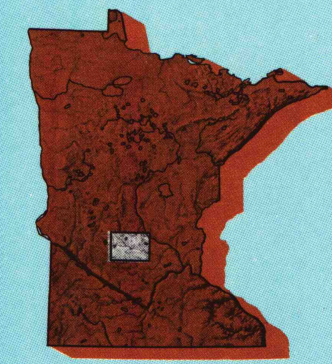


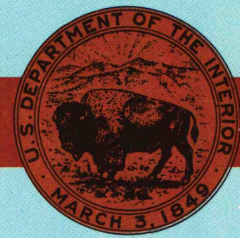
Litchfield MINNESOTA

1:100 000-scale metric
topographic map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1986

Produced by the United States Geological Survey
Compiled from USGS 1:50 000-scale topographic maps dated 1967-1983. Planimetry revised from aerial photographs taken 1984, 1985 and other source data. Revised information not field checked. Map edited 1986.
Projection and 10 000-meter grid, zone 15,
Universal Transverse Mercator
25 000-foot grid ticks based on Minnesota coordinate system, south and central zones
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 7 meters north and 21 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
1	3.2808			4	5	6
2	6.5617			7	8	
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9658					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GV) and 1983 magnetic declination (MD) at center of map		1 Lake Minnesota 2 Saint Cloud 3 Mora 4 Willmar 5 Anoka 6 Mankato 7 Glencoe 8 Saint Paul		
To convert feet to meters multiply by 0.3048		Diagram is approximate				

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DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

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MAP LIBRARY
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University of Wisconsin
Madison

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	
Railroad: standard gauge; narrow gauge	
Bridge: overpass; underpass	
Tunnel: road; railroad	
Built 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: protracted	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; adit or cave; mine; quarry; gravel pit	
Campground; picnic area; U.S. location monument	
Ruins; cliff dwelling	
Disrupted surface: strip mine; levee; 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

LITCHFIELD, MINNESOTA

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



• INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1986

SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 5 METERS

LITCHFIELD, MINNESOTA
45094-A1-TM-100

1986

SET 0006-9/8
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