



Saint Paul MINNESOTA

1:100 000-scale planimetric map

30 X 60 MINUTE QUADRANGLE SHOWING

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

1985

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1958-1981. Planimetry revised from aerial photographs taken 1958 and other source data. Revised information not field checked. Map edited 1985.
 Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator
 25 000-foot grid ticks based on Minnesota coordinate system, south zone
 1927 North American Datum
 To place on the predicted North American Datum 1983, move the projection lines 7 meters north and 18 meters east
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

NATIONAL GEOGRAPHIC 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	MAGNETIC DECLINATION		1	2	3
1	3.2808	MAGNETIC DECLINATION		4	5	
2	6.5617	MAGNETIC DECLINATION		6	7	8
3	9.8425	MAGNETIC DECLINATION				
4	13.1234	MAGNETIC DECLINATION				
5	16.4042	MAGNETIC DECLINATION				
6	19.6850	MAGNETIC DECLINATION				
7	22.9659	MAGNETIC DECLINATION				
8	26.2467	MAGNETIC DECLINATION				
9	29.5275	MAGNETIC DECLINATION				
10	32.8084	MAGNETIC DECLINATION				

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 RESTON, VIRGINIA 22092

APR 23 1986

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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
- Road marker: Interstate, U.S., State
- Railroad: standard gage; narrow gage
- 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: protected
- Power transmission line: pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; pit or cave; mine; quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake; perennial; intermittent
- Rapid, 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