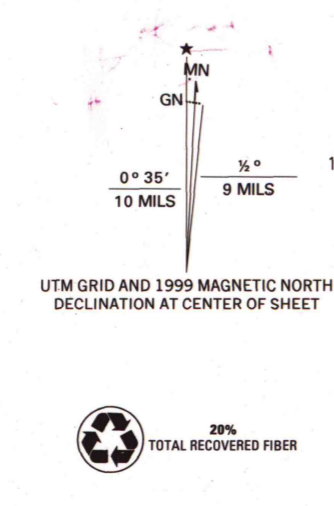


Produced by the United States Geological Survey  
Topography compiled 1952. Planimetry derived from imagery taken 1991 and other sources. Photoinspected using imagery dated 1997; no major culture or drainage changes observed. PLSS and survey control current as of 1954. Boundaries, other than corporate, verified 1999.  
North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: Minnesota coordinate system, north zone (Lambert conformal conic).  
10 000-foot ticks: Minnesota coordinate system, north zone and Wisconsin coordinate system, north zone.  
1000-meter Universal Transverse Mercator grid, zone 15.  
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.  
There may be private inholdings within the boundaries of the National or State reservations shown on this map.  
Information shown in purple may not meet USGS content standards and may conflict with previously mapped contours.



SCALE 1:24 000  
CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Primary highway hard surface .....  
Secondary highway hard surface .....  
Light-duty road, hard or improved surface .....  
Unimproved road .....  
Interstate Route U.S. Route State Route  
QUADRANGLE LOCATION  
1 2 3 1 Adolph  
2 Duluth Heights  
3 Duluth  
4 Eklo  
5 Superior  
6 Fogner  
7 Bone  
8 Sunnyside  
WEST DULUTH, MN-WI  
1997  
NIMA 7577 II NW-SERIES 872  
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