



Prepared by the Defense Mapping Agency Topographic Center, Washington, D. C. Compiled in 1954 by photogrammetric methods from aerial photographs taken 1949-53. Photographs field annotated 1953. Revised by the U. S. Geological Survey from aerial photographs taken 1976. Map edited 1977.

100,000-foot grid based on Wisconsin coordinate system, central and south zones and Minnesota coordinate system, south zone.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Fewer than 1,000

ROADS

Primary, all-weather, hard surface
Secondary, all-weather, hard surface
Light-duty, all-weather, hard or improved surface
Fair or dry weather, unimproved surface
Trail
Interchange
Grand Coulee
Sun Valley
Route markers: Interstate, U.S., State

RAILROADS

Single track Double or Multiple
Narrow gauge
Landing area

BOUNDARIES

International
State
County
Park or reservation

AIRPORTS

Landplane airport
Seaplane airport
Seaplane anchorage
Woods-brushwood

LANDMARKS

School, Church, Other, etc.
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 100 FEET
WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 15

1977 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 31° 00' WEST FOR THE CENTER OF THE WEST EDGE TO 14° 30' WEST FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

LOCATION DIAGRAM

NL 15-4	DULUTH	NL 15-5	ASHLAND	NL 15-6	QUINCY
NL 15-5	BRANSON	NL 15-6	ASHLAND	NL 15-7	QUINCY
NL 15-6	SANIT CLOUD	NL 15-7	PINE LAKE	NL 15-8	QUINCY
NL 15-7	EMULSION	NL 15-8	QUINCY	NL 15-9	QUINCY
NL 15-8	MINNESOTA	NL 15-9	QUINCY	NL 16-0	QUINCY
NL 15-9	FAIRMONT	NL 16-0	QUINCY	NL 16-1	QUINCY
NK 15-2	MASON CITY	NK 15-3	WADSWORTH	NK 15-4	WADSWORTH
NK 15-4	IOWA WATERLOO	NK 15-5	DUBUQUE	NK 15-6	PACIFIC
PORT DODGE	NK 15-5	DUBUQUE	NK 15-6	PACIFIC	NK 15-7

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

USGS
Historical File
Topographic Division

GRID ZONE DESIGNATION

180,000 M. SQUARE IDENTIFICATION

100,000 M. SQUARE IDENTIFICATION

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

SAMPLE POINT: NUMBER

1. Read letters identifying 100,000 meter square in which the point lies

2. Locate the 100,000 meter grid line to the left of the point and read LARGE figure labeling the line which is the top or bottom margin, as on the line itself

3. Locate the 100,000 meter grid line below the point and read LARGE figure labeling the line which is the left or right margin, as on the line itself

4. Estimate meters from grid line to point

5. If reporting beyond 10' in any direction, prefix Grid Zone Designation, as:

48QK0000

48QK0000

48QK0000

EAU CLAIRE, WISCONSIN; MINNESOTA

1953
REVISED 1977

MAR 22 1979

11,300