

PRODUCED BY THE U. S. GEOLOGICAL SURVEY
Base map prepared by Defense Mapping Agency by photogrammetric methods and from 1:24,000, 1:25,000, 1:50,000, and 1:62,500-scale maps dated 1913-1955. Field checked 1958. Revised by the U. S. Geological Survey from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1980.
Transverse Mercator Projection. 10,000-meter Universal Transverse Mercator grid, zone 15. 100,000-foot grid ticks based on Illinois coordinate system, west zone; Iowa coordinate system, south zone; and Missouri coordinate system, east zone. 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 1.1 meters east.
Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

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
- Less 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

RAILROADS:

- Single track double or multiple
- Normal gauge
- Narrow gauge

BOUNDARIES:

- International
- State
- County
- Park or reservation

Other features:

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods/bushwood
- Mine
- Landmark: School; Church; Other, etc.
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000

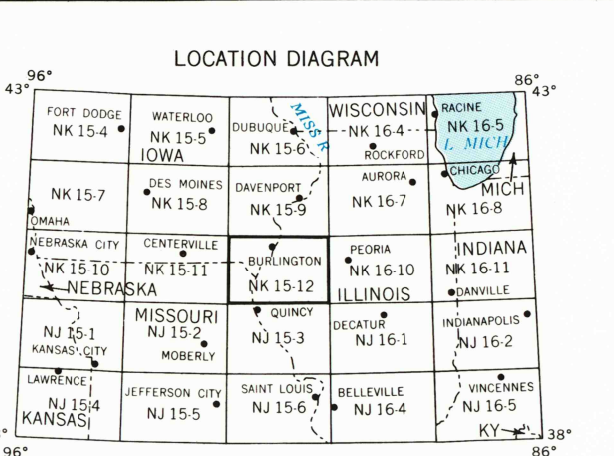
0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS

1980 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 31° 16' 0" EAST TO 31° 16' 0" WEST FOR THE CENTER OF THE WEST LOST TO 2° 14' 0" WEST FOR THE CENTER OF THE EAST LOST

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



SECTIONED TOWNSHIP

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

GRID ZONE DESIGNATION

100,000 M SQUARE IDENTIFICATION

WR	XR	YR	QR
WQ	XQ	YQ	QQ

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT: LITTLETON

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

2. Locate first vertical line to the left of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.

3. Locate first horizontal grid line below point and read the line to the left margin, or on the line to the point. Estimate tenths from grid line to point.

SAMPLE REFERENCE:

1. Reading shown in figure is standard reference figure for grid zone designation.

YQ00000

YQ00000

BURLINGTON, IOWA; ILL.; MO.
1958
REVISED 1980