

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
Interchange

RAILROADS:
Single track double or multiple
Normal gauge
Narrow gauge
Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Woods/bushwood

BOUNDARIES:
International
State
County
Park or reservation

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

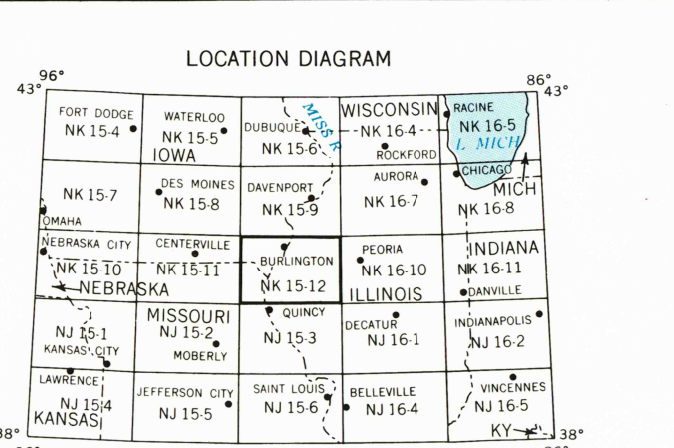
Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles
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 number labeling the line either in the left or right margin, or on the line itself.
Estimate tenths from grid line to point.

SAMPLE REFERENCE:
1000000
1510000

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