



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 and 1:125,000 scale maps dated 1989-1997. Field checked 1995. Revised by the U. S. Geological Survey from aerial photographs taken 1973-74 and 1979 and other source data. Revised information not field checked. Map edited 1980.  
Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 14. 100,000-foot grid ticks based on Nebraska coordinate system, north zone; Iowa coordinate system, north zone; and South Dakota coordinate system, south zone. 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection line 5 meters north and 27 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

**RAILROADS**

Normal gauge  
Narrow gauge  
Single track  
Double or multiple track

**BOUNDARIES**

State  
County  
Park or reservation

**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

**Other Symbols**

Landplane airport  
Landing area  
Seaplane airport  
Seaplane anchorage  
Woods/brushwood  
Landmark: School, Church, Other  
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 Nautical Miles

**CONTOUR INTERVAL 50 FEET WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS**

1980 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 8° (1340 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 6° (1120 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

**LOCATION DIAGRAM**

14-10 WYOMING PERKINS	14-11 SOUTH DAKOTA MITCHELL	14-12 SOUTH DAKOTA SIOUX FALLS	14-13 SOUTH DAKOTA SIOUX FALLS	14-14 SOUTH DAKOTA SIOUX FALLS	14-15 SOUTH DAKOTA SIOUX FALLS	14-16 SOUTH DAKOTA SIOUX FALLS	14-17 SOUTH DAKOTA SIOUX FALLS	14-18 SOUTH DAKOTA SIOUX FALLS	14-19 SOUTH DAKOTA SIOUX FALLS	14-20 SOUTH DAKOTA SIOUX FALLS
14-10 NEBRASKA VALLEY	14-11 NEBRASKA VALLEY	14-12 NEBRASKA VALLEY	14-13 NEBRASKA VALLEY	14-14 NEBRASKA VALLEY	14-15 NEBRASKA VALLEY	14-16 NEBRASKA VALLEY	14-17 NEBRASKA VALLEY	14-18 NEBRASKA VALLEY	14-19 NEBRASKA VALLEY	14-20 NEBRASKA VALLEY
14-10 IOWA VALLEY	14-11 IOWA VALLEY	14-12 IOWA VALLEY	14-13 IOWA VALLEY	14-14 IOWA VALLEY	14-15 IOWA VALLEY	14-16 IOWA VALLEY	14-17 IOWA VALLEY	14-18 IOWA VALLEY	14-19 IOWA VALLEY	14-20 IOWA VALLEY
14-10 MISSOURI VALLEY	14-11 MISSOURI VALLEY	14-12 MISSOURI VALLEY	14-13 MISSOURI VALLEY	14-14 MISSOURI VALLEY	14-15 MISSOURI VALLEY	14-16 MISSOURI VALLEY	14-17 MISSOURI VALLEY	14-18 MISSOURI VALLEY	14-19 MISSOURI VALLEY	14-20 MISSOURI VALLEY

**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

**GRID ZONE DESIGNATION**

14T

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

**SAMPLE POINT: WINDSIDE**

1. Read letters identifying 100,000 meter square in which the point lies.  
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either on the top or bottom margin, or on the line itself.  
3. Estimate tenths from grid line to point.  
4. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either on the left or right margin, or on the line itself.  
5. Estimate tenths from grid line to point.

**SAMPLE REFERENCE:**

If reporting beyond 10° in any direction, prefix Grid Zone Designation, ex:  
4620000

14T85171

SIoux CITY, IOWA; NEBRASKA; SOUTH DAKOTA  
1955  
REVISED 1980

MAY 28 1981

U.S. GEOLOGICAL SURVEY  
NATIONAL MAPING DIVISION