



V502, EDITION 2
 Prepared by the Army Map Service (ASPM), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1956 by photogrammetric methods and from United States quadrangles, 1:24,000, 1:25,000 and 1:125,000, 1889-1947. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USCGS and USACE. Photography field annotated 1955. Limited revision by U.S. Geological Survey 1966.
 100,000-foot grids based on Nebraska coordinate system, north zone, Iowa coordinate system north zone, and South Dakota coordinate system, south zone.

LEGEND
 ROAD DATA 1955 PARTIALLY REVISED 1966
 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
 Standard gauge
 Single track
 Double or Multiple track
 Narrow gauge
 International
 State
 County
 Park or reservation

LANDMARKS
 Landplane airport
 Landing area
 Seaplane airport
 Seaplane anchorage
 Woods/bushwood
 Power line

BOUNDARIES
 International
 State
 County
 Park or reservation

Other Symbols
 Landmarks: School; Church; Other
 Horizontal control point
 Spot elevation in feet
 Marsh or swamp
 Intermittent or dry stream
 Trail

Scale 1:250,000
 0 5 10 15 20 25 30 Kilometres
 0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION
 BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 14
 1965 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 9 1/2° (170 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 8 1/2° (150 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE.

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

LOCATION DIAGRAM

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

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
 100,000 M. SQUARE IDENTIFICATION

NC	PC	QC
NB	PB	QB
70	70	70

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

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 in 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 in the left or right margin, or on the line itself.
5. Estimate tenths from grid line to point.

SAMPLE REFERENCE
 If starting toward 18° in any direction, prefix Grid Zone Designation, 18.
 14T89294

SIoux CITY, IOWA; NEBRASKA; SOUTH DAKOTA
 USGS
 Historical File
 Topographic Division
 1955
 LIMITED REVISION 1966

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