



V502, EDITION 2
 Prepared by the U. S. Army Topographic Command (BES), Washington, D. C. Compiled in 1955 by photogrammetric methods and from United States quadrangles 1:62,500, 1942-1951. Planimetry revised from aerial photographs taken 1953. Photographs field annotated 1954. Revised in 1975 by the U. S. Geological Survey from aerial photographs taken 1974.
 100,000 foot grid based on Kansas coordinate system, north zone
 Location of geoidetic control established by government agencies is shown on corresponding 1:250,000-scale Geoidetic 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
 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
 Route markers: Interstate, U.S., State

RAILROADS
 Standard gauge
 Narrow gauge
 International
 State
 County
 Park or reservation

BOUNDARIES
 Landplane airport
 Landing area
 Seaplane airport
 Seaplane anchorage
 Wooded bushwood

Other symbols:
 Mine
 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 Kilometers
 0 5 10 15 20 25 30 Statute Miles
 0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 100 FEET
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 14

1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 11° (200 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 10° (100 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

WYOMING NK 13-8 CHEYENNE	NEBRASKA NK 13-9 WORTH	NEBRASKA NK 14-7 SAND ISLAND	NEBRASKA NK 14-8 NORTH FRONT	NEBRASKA NK 14-9 FRONT
NEBRASKA NK 13-11 BREEZLY	NEBRASKA NK 13-12 MC COOK	NEBRASKA NK 14-10 MC COOK	NEBRASKA NK 14-11 MC COOK	NEBRASKA NK 14-12 MC COOK
KANSAS NJ 13-3 LIMON	KANSAS NJ 13-6 LAWA	KANSAS NJ 14-4 BOOTH CITY	KANSAS NJ 14-5 GREAT KANSAS	KANSAS NJ 14-6 HICKORY
KANSAS NJ 13-5 PUERLO	KANSAS NJ 13-9 LA JUNTA	KANSAS NJ 14-7 BOOTH CITY	KANSAS NJ 14-8 BOOTH CITY	KANSAS NJ 14-9 BOOTH CITY

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
 14S
 100,000 M. SQUARE IDENTIFICATION
 KV LV MV
 KU LU MU

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS
 SAMPLE POINT: TOWN HALL
 1. Read letters identifying 100,000 metre 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 of the top sheet or in the left or right margin of the sheet in which the point lies.
 3. Locate first HORIZONTAL grid line to point: point and read LARGE figure labeling the line either in the left or right margin, or in the top sheet.
 Estimate tenths from grid line to point.

EXAMPLE REFERENCE:
 If crossing nearest 50' in any direction, prefix Grid Zone Designation, as: 14SL4278

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 University of Wisconsin
 Madison

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GOODLAND, KANSAS
 1954
 REVISED 1975