



V502, EDITION 3
 Prepared by the U.S. Army Topographic Command (ASXS), Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States quadrangles, 1:25,000, 1949. Planimetry revised from aerial photographs taken 1954. Photographs field annotated 1955. Revised by the U.S. Geological Survey 1969.
 Areas covered by dashed light-blue pattern are subject to controlled inundation.
 Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

LEGEND
 Figures in red denote approximate distances in miles between stars.

POPULATED PLACES	ROADS	RAILROADS
Over 500,000	Primary, all-weather, hard surface	Standard gauge
100,000 to 500,000	Secondary, all-weather, hard surface	Narrow gauge
25,000 to 100,000	Light-duty, all-weather, hard or improved surface	Interurban
5,000 to 25,000	Fair or dry weather, unimproved surface	State
1,000 to 5,000	Trail	County
Less than 1,000	Sun Valley	Park or reservation
	Route markers: Interstate, U.S., State	
	Mine	
	Landplane airport	
	Landing area	
	Spot elevation in feet	
	Landmark: School; Church; Other	
	Fair or dry weather, unimproved surface	
	Marsh or swamp	
	Sapspline anchorage	
	Intermittent or dry stream	
	Power line	
	Woods-brushwood	

Scale 1:250,000
 20 Statute Miles
 30 Kilometers
 15 Nautical Miles

CONTOUR INTERVAL 50 FEET
TRANSVERSE MERCATOR PROJECTION
 BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 14
 1965 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 9 1/2° (17 1/2 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 9 1/4° (150 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242

LOCATION DIAGRAM

NK 14-7 NORTH PLATE	NK 14-8 NEBRASKA	FRONTIER NEBRASKA	NK 15-7 CENTERTOWN	NK 15-8 CENTERTOWN
NK 14-10 KANSAS	NK 14-11 KANSAS	NK 14-12 KANSAS	NK 15-10 KANSAS	NK 15-11 KANSAS
NJ 14-1 SCOTT CITY	NJ 14-2 SCOTT CITY	NJ 14-3 SCOTT CITY	NJ 15-2 SCOTT CITY	NJ 15-3 SCOTT CITY
NJ 14-4 SCOTT CITY	NJ 14-5 SCOTT CITY	NJ 14-6 SCOTT CITY	NJ 15-4 SCOTT CITY	NJ 15-5 SCOTT CITY
DOSSO CITY NJ 14-7	DOSSO CITY NJ 14-8	DOSSO CITY NJ 14-9	DOSSO CITY NJ 15-7	DOSSO CITY NJ 15-8

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
 10,000 M. SQUARE IDENTIFICATION
 440
 70

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

SAMPLE POINT: MANHATTAN

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 bearing the line either in the top or bottom margin, or on the face itself.
 3. Estimate tenths from grid line to point.
 4. Locate first HORIZONTAL grid line BELOW point and read LARGE figure bearing the line either in the top or right margin, or on the face itself.
 5. Estimate tenths from grid line to point.

SAMPLE REFERENCE: MANHATTAN, KANSAS
 4370000
 If reporting beyond 2P in any direction, prefix Grid Zone Designation.

MANHATTAN, KANSAS
 1955
 REVISED 1969

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