



V502, EDITION 3
 Prepared by the U.S. Army Topographic Command (KCSX), Washington, D.C. Compiled in 1957 by photogrammetric methods from aerial photographs taken 1953-54. Photographs field annotated 1955. Revised in 1971 by the U.S. Geological Survey from aerial photographs taken 1971.
 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
Over 500,000	Primary, all-weather, hard surface
100,000 to 500,000	Secondary, all-weather, hard surface
25,000 to 100,000	Light-duty, all-weather, hard or improved surface
5,000 to 25,000	Fair or dry weather, unimproved surface
1,000 to 5,000	Trail
Less than 1,000	Interchange
RAILROADS	Route markers: Interstate, U.S., State
Standard gauge	Landmark: School, Church, Other
Narrow gauge	Windmill; Mine
BOUNDARIES	Landing area
International	Spot elevation in feet
State	Marsh or swamp
County	Seaplane anchorage
County	Intermittent or dry stream
Park or reservation	Woods brushwood
	Power line

Scale 1:250,000
 0 5 10 15 20 Statute Miles
 0 5 10 15 20 Kilometers
 0 5 10 15 Nautical Miles

**CONTOUR INTERVAL 200 FEET
 WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS**
 TRANSVERSE MERCATOR PROJECTION
 BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 11

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 17° (300 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 198° (200 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

LOCATION DIAGRAM

NK 109	NK 110	NK 111	NK 112	NK 113	NK 114	NK 115	NK 116	NK 117	NK 118	NK 119	NK 120	NK 121	NK 122
109	110	111	112	113	114	115	116	117	118	119	120	121	122
109	110	111	112	113	114	115	116	117	118	119	120	121	122
109	110	111	112	113	114	115	116	117	118	119	120	121	122

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: 11S
 500,000 M. SQUARE IDENTIFICATION: 11S
 TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

SECTIONIZED TOWNSHIP

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

1. Read letters identifying 100,000 meter square in which the point lies.
 2. Locate from 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 meters from grid line to point.
 4. Locate from HORIZONTAL grid line to point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.
 5. Estimate meters from grid line to point.
 6. If neither marked 10' in any direction, prefix Grid Zone Designation, e.g. 11SPM911.



FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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