



Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.

LEGEND

ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH. IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED.

<ul style="list-style-type: none"> Divided highway with median strip 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 Road markers: Interstate, Federal, State Bridges: With superstructure; Without superstructure RAILROADS (Standard gauge 1.44m - 4'8 1/2") Multiple track Nonoperating Railroad station: Location known; Location unknown Cir line Railroad bridge: With superstructure; Without superstructure Tunnel: Highway; Railroad 	<ul style="list-style-type: none"> Power transmission line Structure Church; School Power substation Windmill; Watermill Well; Tank Mine shaft Open pit mine or quarry Horizontal control station Bench mark, monumented Bench mark, non-monumented Spot elevations in meters Levers, rims, dikes Bluffs, cliffs Woodland Scattered trees; Scrub Vineyard; Orchard; plantation Interment lake; Dam; Earthdam; Masonry Stream; Perennial; Intermittent Marsh; swamp Small rapids; Small falls Large rapids; Large falls
--	--

MAP INFORMATION AS OF 1976

BOUNDARIES

- State, territory
- County, parish
- Civil township, town
- Incorporated city, village, town
- Reservation: National, State, Military

Scale 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers

0 1 2 3 4 5 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

SPHEROID CLARKE 1866
PROJECTION 1,000 METER UTM ZONE 15 (BLACK NUMBERED LINES)
 10,000 FOOT STATE GRID TICS: KANSAS, SOUTH AND NORTH ZONES
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
CONTROL BY U.S. GEOLOGICAL SURVEY
PREPARED BY U.S. GEOLOGICAL SURVEY
PRINTED BY DMAHC 3-79

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

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid (left of point and normally tenths (100 meters) from gridline to point. (1, 2)

2. Read small numbers labeling the HORIZONTAL grid line (below point and normally tenths (100 meters) from gridline to point. (3, 5)

Example: 123456

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES, PREPARE THE 100,000 METER SQUARE IDENTIFICATION.
 Example: UN123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREPARE THE GRID ZONE DESIGNATION.
 Example: 15SUN123456

GRID CONVERGENCE 17' (0.3 METERS) FOR CENTER OF SHEET

GRID NORTH TRUE NORTH

MAGNETIC NORTH 1975 G-M ANGLE 71° (130 METERS)

ELEVATION GUIDE

High
Medium
Low

ADJOINING SHEETS

6961 I	7061 IV	7061 I
6961 II	7061 III	7061 II
6960 I	7060 IV	7060 I

BOUNDARIES

KANSAS
 1. Miami Co.
 2. Johnson Co.

Reprinted By NIMA 09-02

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-251-8864; DSN 85-4864. OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP L-48, 8600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH ADD G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH SUBTRACT G-M ANGLE

NSN 7643014044068
 NIMA Ref No. V778X70613

ED. NO. 001

THIS MAP IS RED-LIGHT READABLE