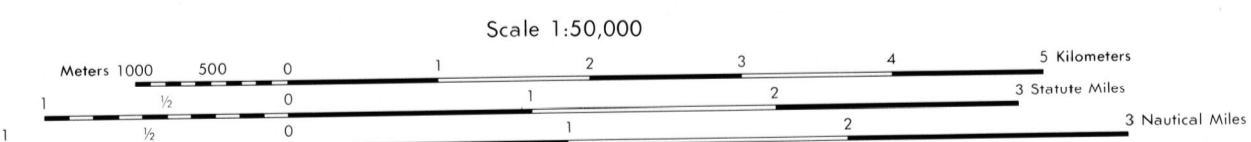


Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.

LEGEND

- ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 3.5 METERS (8 FEET) IN WIDTH. IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED.
- | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>ROADS</p> <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 Route markers, Interstate, Federal, State RAILROADS (Standard gauge 1.44m - 4'8 1/2") Multiple track Single track Nonoperating Railroad station, location known, location unknown Car line Railroad bridge, With superstructure, Without superstructure Tunnel, Highway, Railroad | <p>BOUNDARIES</p> <ul style="list-style-type: none"> National, with monument State, territory County, parish Civil township, town Incorporated city, village, town Reservation, National, State, Military | <p>POWERS</p> <ul style="list-style-type: none"> Power transmission line Buildings Structures Church, School Power substation Windmill, Watermill Well, Tank Mine shaft Open pit mine or quarry Horizontal control station Bench mark, monument Bench mark, non-monumented Spot elevation in meters Loose, iron, disk Bluffs, cliffs Woodland Scattered trees, scrub Vineyard, Orchard, plantation Intermittent lake, Dam, Earthen, Masonry Stream, Perennial, Intermittent Marsh, swamp Small rapids, Small falls Large rapids, Large falls |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOURS 5 METERS

SPHEROID CLARKE 1866
GRID 1,000 METER UTM ZONE (LAMBDA NUMBERED LINES)
 10,000 FOOT STATE GRID TICKS, KANSAS, NORTH ZONE
PROJECTION UNIVERSAL TRANSVERSE MERCATOR
VERTICAL DATUM NATIONAL GEODESIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
CONTROL BY U.S. GEODESIC SURVEY
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 OR RESTON, VIRGINIA 22092

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12.3

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45.6

Example: 12345.6

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES, PREFIX THE 100,000 METER SQUARE IDENTIFICATION. Example: 123456.

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION. Example: 14SNU123456

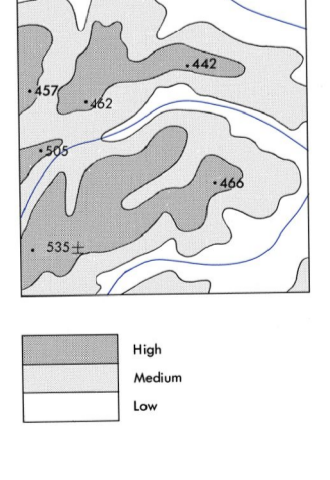
100 METER GRID SQUARE

Example: 12 45

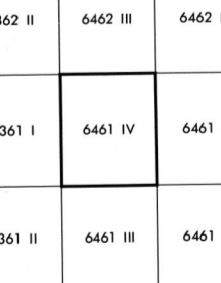
100,000 METER SQUARE IDENTIFICATION

NUPT 1400
 NT PT 4500
 GRID ZONE DESIGNATION 14S

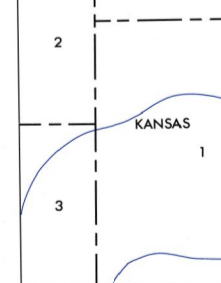
ELEVATION GUIDE



ADJOINING SHEETS



BOUNDARIES



THIS MAP IS RED-LIGHT READABLE

USERS SHOULD REFER TO THE NATIONAL GEOSPATIAL INTELLIGENCE AGENCY, ATTN: ES MAIL STOP 186, 4800 SANGHORE ROAD, BETHESDA, MD 20818-5002.