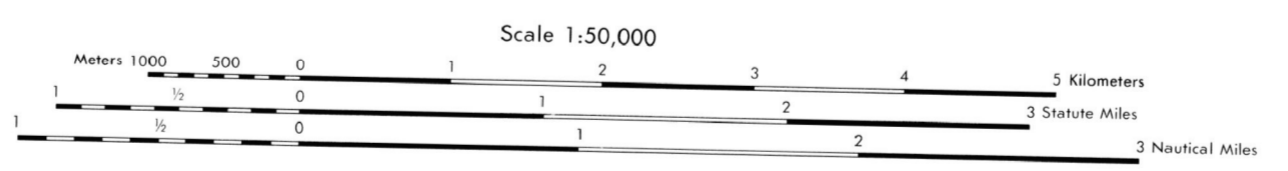


Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.

LEGEND
MAP INFORMATION AS OF 1976 AND 1977
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.

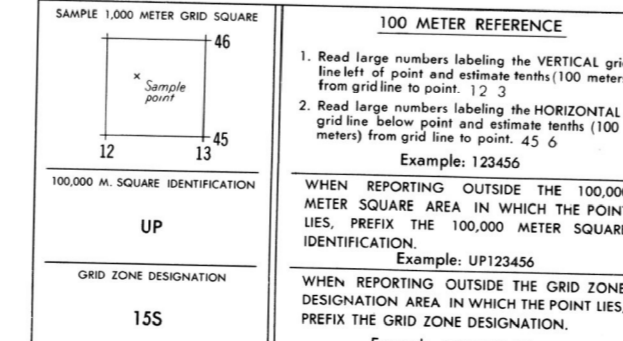
- ROADS**
 - Divided highway with median strip
 - Primary, all weather, hard surface
 - Secondary, all weather, hard surface
 - Light duty, all weather, hard or improved surface
 - Fair or dry weather, unimproved surface
 - Trail
 - Right-of-way: Interstate, Federal, State
 - Bridge, with superstructure, without superstructure
 - RAILROADS (Standard gauge 1.44m-4'8 1/2")
 - Single track
 - Multiple track
 - Nonoperating
 - Railroad station, location known, location unknown
 - Car line
 - Railroad bridge, with superstructure, without superstructure
 - Tunnel, Highway, Railroad
- BOUNDARIES**
 - National, with monument
 - State, territory
 - County, parish
 - Civil township, town
 - Incorporated city, village, town
 - Reservation, National, State, Military
- Other Features**
 - Power transmission line
 - Buildings
 - Structure
 - 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 elevations in meters
 - Leaves, rims, dikes
 - 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

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SPHEROID: 1,000 METER UTM ZONE 18 (BLACK NUMBERED LINE)
GRID: 10,000 FOOT STATE GRID TICS, KANSAS, NORTH ZONE
10,000 FOOT STATE GRID TICS, MISSOURI, WEST ZONE
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1959
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
CONTROL BY: USGS AND ND/SIN/DA
PREPARED BY: U.S. GEOLOGICAL SURVEY

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ELEVATION GUIDE

344	333	322
311	300	289
278	267	256
245	234	223
212	201	190
179	168	157
146	135	124
113	102	91
58	47	36
25	14	3

ADJOINING SHEETS

6963 III	6963 II	7063 III
6962 IV	6962 I	7062 IV
6962 III	6962 II	7062 III

BOUNDARIES

1	2	3	4
5	6	7	8

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
1975 G.M. ANGLE 81° (150 MALS)
TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
SUBTRACT G.M. ANGLE

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