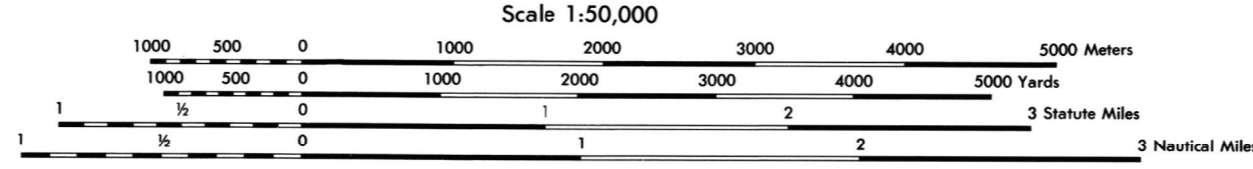


Prepared and published by the Defense Mapping Agency
Topographic Center, Washington, D. C.

LEGEND

MAP INFORMATION AS OF 1975
ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH

ROADS	Buildings or structures
Divided highway with median strip	Church, school
Primary all weather, hard surface, two or more lanes wide	Watermill
Secondary all weather, hard surface, two or more lanes wide	Windmill, wind pump
Light duty, all weather, hard or improved surface	Mine, vertical shaft
Fair or dry weather, unimproved surface	Mine, horizontal shaft
Trail	Open pit mine or quarry, inactive
Route markers: Interstate, Federal, State	Open pit mine or quarry, active
RAILROADS (Standard gauge: 1.44m, 4'8 1/2")	Horizontal control station
Single track	Bench mark, monumented
Multiple track, non-operating	Bench mark, non-monumented
Railroad station: Position known; Position unknown	Spot elevations in meters: Checked, Unchecked
Car line	Woodland, scrub
BOUNDARIES	Vineyard; Orchard
National	Intermittent lake
State, territory	Intermittent stream; Dam
County, parish, municipio	Marsh or swamp
Civil township, precinct, town, barrio	Rapids; Falls
Incorporated city, village, town, hamlet	Large rapids; Large falls
Reservation: National, state, military	
Power transmission line	



ELEVATIONS IN METERS

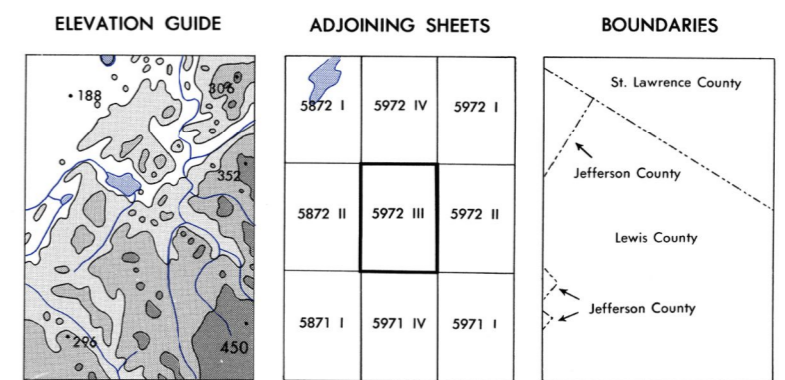
CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOURS 5 METERS

SPHEROID: CLARKE 1866
GRID: 1,000 METER UTM, ZONE 18
PROJECTION: TRANSVERSE MERCATOR
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
CONTROL: USGS, USC&GS

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SAMPLE 1000 METER GRID SQUARE	100 METER REFERENCE
	<p>1. Read large numbers labeling the VERTICAL grid line left of point and outside limits (100 meters) from grid line to point. 12 3</p> <p>2. Read large numbers labeling the HORIZONTAL grid line below point and outside limits (100 meters) from grid line to point. 45 6</p> <p>Example: 123456</p>
18000 M. SQUARE IDENTIFICATION	WHEN REPORTING OUTSIDE A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION, IN WHICH THE POINT LIES.
VD	Example: VD123456
GRID ZONE DESIGNATION	WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
18T	Example: 18TVD123456



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

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

GRID CONVERGENCE (7'14.9" MILES)
FOR CENTER OF SHEET

THIS MAP IS RED-LIGHT READABLE

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