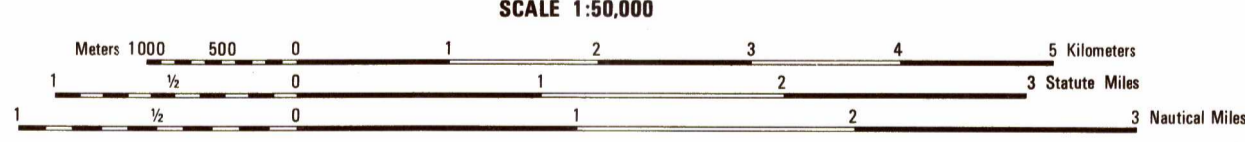


Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Bethesda, MD  
MAP INFORMATION AS OF 1992

**LEGEND**

CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.  
A LANE ON THIS MAP IS CONSIDERED TO BE 2.5 METERS WIDE.  
IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.  
THERE MAY BE PRIVATE INHOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

	Dashed highway with median strip		Power transmission line
	Primary, all weather, hard surface		Buildings
	Secondary, all weather, hard surface		Church, School
	Light duty, all weather, hard or improved surface		Power substation
	Fair or dry weather, unimproved surface		Windmill; Watermill
	Trail		Well; Tank
	Mine markers: Interstate, Federal, State		Mine shaft
	Bridge		Open pit mine or quarry
	RAILROADS (Standard gauge 1.44m, -4'8 1/2")		Horizontal control station
	Single track		Bench mark, monumented
	Multiple track		Bench mark, non-monumented
	Nonoperating		Spot elevations in meters
	Railroad station: Location known; Location unknown		Lowes, rills, dikes
	Car line		Bluffs, cliffs
	Railroad bridge		Woodland
	Tunnel: Highway; Railroad		Scattered trees: Scrub
	BOUNDARIES		Vineyard; Orchard; plantation
	National, with monument		Intermittent lake: Dam; Earthdam; Masonry
	State, territory		Stream: Perennial; Intermittent
	County, parish		Marsh, swamp
	Civil township, town		Small falls; Large falls
	Incorporated city, village, town		Small rapids; Large rapids
	Reservation: National; State; Military		



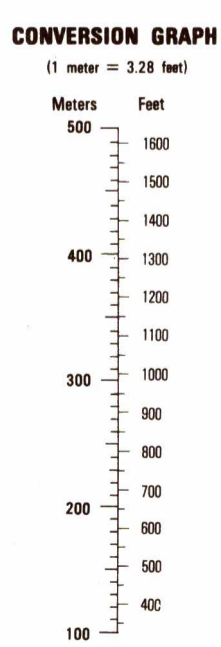
**ELEVATIONS IN METERS**

CONTOUR INTERVAL 10 METERS  
SUPPLEMENTARY CONTOURS 5 METERS

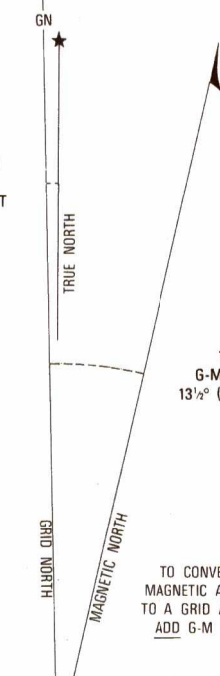
ELLIPSOID: WORLD GEODETIC SYSTEM 1984  
GEOCENTRIC REFERENCE SYSTEM 1980  
GRID: 1,000 METER UTM ZONE 12 (BLACK NUMBERED LINES)  
5,000 METER STATE GRID TICKS, ARIZONA (CENTRAL ZONE)  
PROJECTION: TRANSVERSE MERCATOR  
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983  
CONTROL BY: U.S. GEOLOGICAL SURVEY  
PREPARED BY: U.S. GEOLOGICAL SURVEY  
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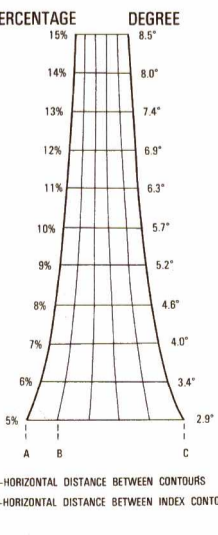
	Sample point		100 METER REFERENCE
	100,000 M. SQUARE IDENTIFICATION		WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
	GRID ZONE DESIGNATION		WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.



THIS MAP IS RED-LIGHT READABLE



**SLOPE GUIDE**



**BOUNDARIES**

3350 III	3350 II	3350 I
3348 IV	3348 III	3348 II
3348 III	3348 II	3348 I

**ELEVATION GUIDE**

