

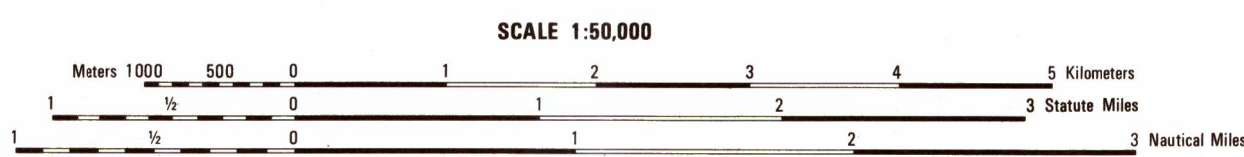
Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency

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.

<b>ROADS</b>	Power transmission line
Divided highway with median strip	Buildings
Primary, all weather, hard surface	Structures
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
Route 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	Leaves, rims, dikes
Car line	Bluffs, cliffs
Railroad bridge	Woodland
Tunnel: Highway, Railroad	Scattered trees: Scrub
<b>BOUNDARIES</b>	Wetland: Orchard, plantation
National, with monument	Intermittent lake: Dam, Carbon, 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 20 METERS  
SUPPLEMENTARY CONTOURS 10 METERS

ELLIPSOID: WORLD GEODETIC SYSTEM 1984  
 GRID: 1,000-METER UTM ZONE 12 (BLACK-NUMBERED LINES)  
 5,000-METER STATE GRID TICS, 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  
 U.S. GEOLOGICAL SURVEY

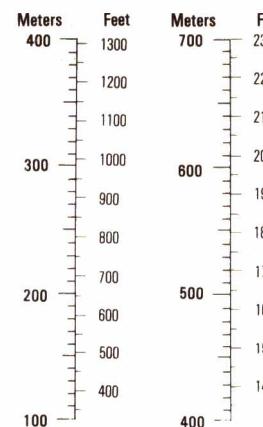
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OR RESTON, VIRGINIA 22092

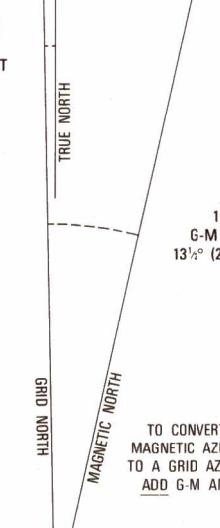
<b>SAMPLE 1,000 METER GRID SQUARE</b>	<b>100 METER REFERENCE</b>
	<ol style="list-style-type: none"> <li>Read large numbers labeling the VERTICAL grid line left of point and advance tenths (100 meters) from grid line to point 12.2</li> <li>Read large numbers labeling the HORIZONTAL grid line below point and advance tenths (100 meters) from grid line to point 45.8</li> </ol>
<p>100,000 M SQUARE IDENTIFICATION</p> <p>TALUE 12 45</p>	<p>WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.</p> <p>Example: 123456 Example: 08123456</p>
<p>GRID ZONE DESIGNATION</p> <p>12S</p>	<p>WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.</p> <p>Example: 12S08123456</p>

CONVERSION GRAPH

(1 meter = 3.28 feet)

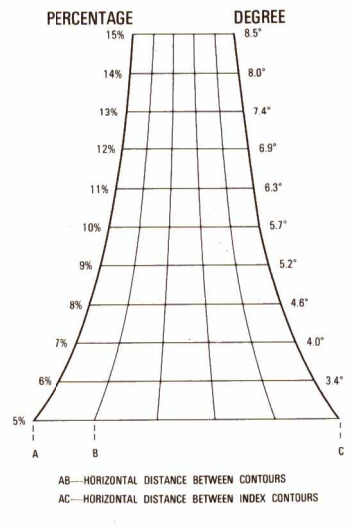


GRID CONVERGENCE  
1.9W (20" MILS)  
FOR CENTER OF SHEET

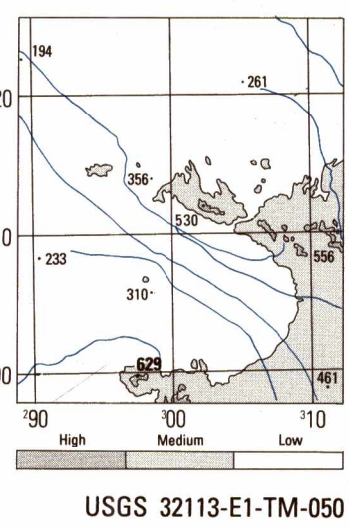


THIS MAP IS RED-LIGHT READABLE

SLOPE GUIDE



ELEVATION GUIDE



**BOUNDARIES**

Maricopa County	Pima County
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**ADJOINING SHEETS**

3349 I	3349 II	3349 III	3349 IV
3348 I	3348 II	3348 III	3348 IV