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Prepared and published by the National Geospatial-Intelligence Agency

MAP INFORMATION AS OF 2002

**LEGEND**

<b>POPULATED PLACES</b>	<b>OBSTRUCTIONS (40m or higher)</b>	<b>ROADS</b>	<b>RAILROADS</b>	<b>BOUNDARIES</b>	<b>MISCELLANEOUS CULTURAL FEATURES</b>
Densely built-up areas Sparingly to moderately built-up areas	Single Group Elevation of obstruction top above sea level Elevation of obstruction top above ground level	All weather, hard surface One lane wide Two or more lanes wide All weather, loose surface Two or more lanes wide Fair or dry weather, loose surface	Single Track Multiple Track Normal gauge 1.44m (4' 9") Narrow gauge	International First-order Second-order	Building, Run, School Church Cemetery Hospital, Helipad Cistern, Tank, Located object Well, Landmark area Aerial/Railway, Dam Mine, Active/Abandoned Bridge, Pedestrian bridge
	High tension powerlines Catenary powerlines	DRAINAGE Swamp: Lines less than 25m wide 25m wide or more Ditch: Less than 25m wide Lakel pond Swamp: Land subject to natural inundation Stream: Disappearing/Disappearing			Vegetation Woodland Scrub, Orchard Scattered trees Bomby Beach
	MISCELLANEOUS RELIEF Spot elevation: Highest, Normal Depression Escarpment Leporel				

**NOTES**

A LAKE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE.

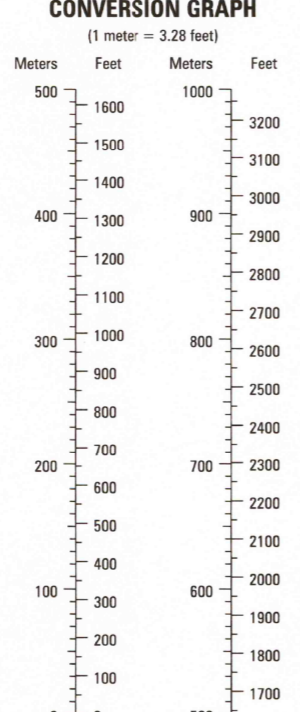
ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.

IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.

NORTH AMERICAN DATUM 1983 (NAD 83) AND WORLD GEODETIC SYSTEM 1984 (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.

**CONVERSION GRAPH**



**ELEVATIONS IN METERS**

**CONTOUR INTERVAL 20 METERS**

SUPPLEMENTARY CONTOURS 10 METERS

ELLIPSOID: WORLD GEODETIC SYSTEM 1984  
GRID: 1,000-METER UTM ZONE 11 (BLACK NUMBERED LINES)  
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR  
HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983  
VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1983  
PRINTED BY: NGA 10-04

**100 METER REFERENCE**

1. Read large numbers labeling the VERTICAL grid line (if of point and within 100 meters) from grid line to point: 123

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

Example: 12345.6

**WHEN REPORTING ACROSS A 100,000 METER LINE, PREPEND THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.**

Example: PT 123456

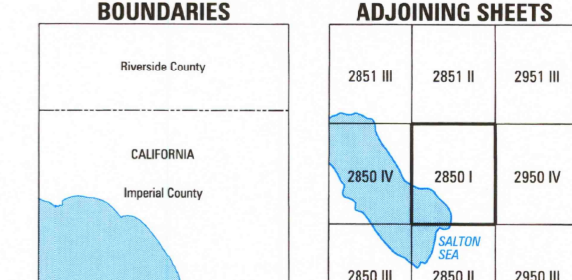
**WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.**

Example: 11SPT 123456

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0099; COMMERCIAL: 314-260-1236; DSN: 693-4894; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP 1-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20815-5003.

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THIS MAP IS RED-LIGHT READABLE  
NAD83/WGS84



AUG 19 2005

