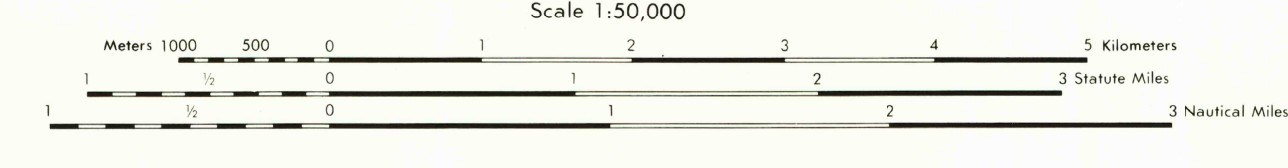


Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.

**LEGEND**

ON THIS MAP, A LINE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH. IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED.

<b>ROADS</b>	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	Route markers 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												
<b>BOUNDARIES</b>	National, with monument	State, territory	County, parish	Civil township, town	Incorporated city, village, town	Reservation, National, State, Military	Power transmission line	Buildings	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 elevation in meters	Leaves, rims, dikes	Bluffs, cliffs	Woodland	Scattered trees, scrub	Vineyard, Orchard, plantation	Interriment lake, Dam, Earthfill, Masonry	Stream, Perennial, Intermittent	Marsh, swamp	Small rapids, Small falls	Large rapids, Large falls



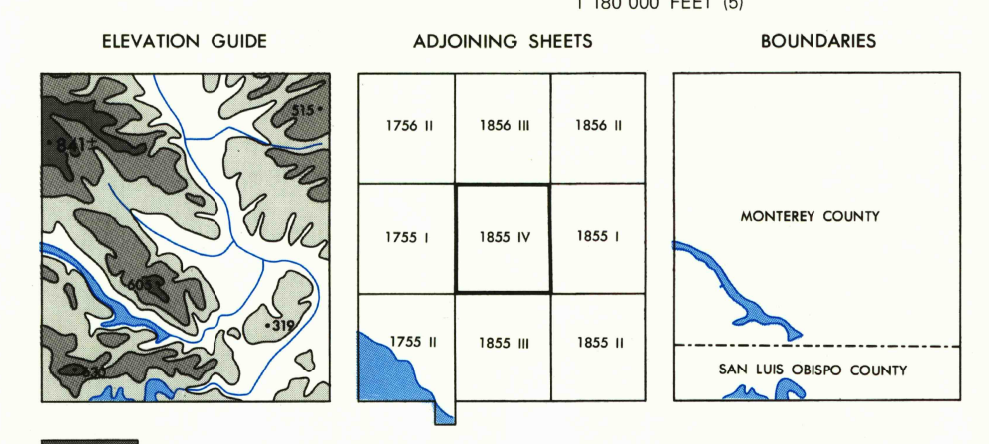
**ELEVATIONS IN METERS**

CONTOUR INTERVAL 20 METERS  
SUPPLEMENTARY CONTOURS 10 METERS

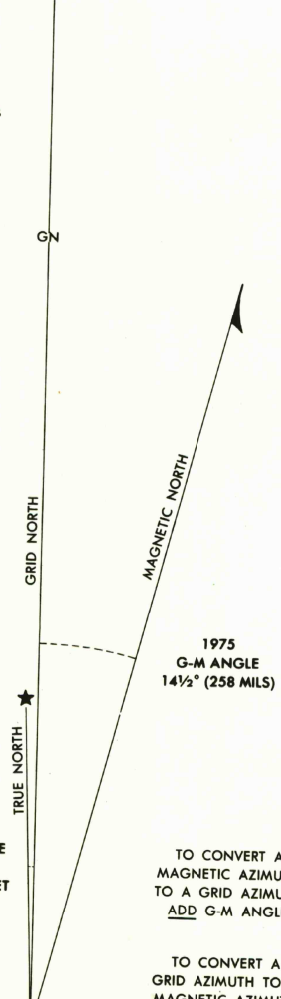
SPHEROID: CLARKE 1866  
GRID: 1000 METER UTM ZONE 10 (BLACK NUMBERED LINES)  
10,000 FOOT STATE GRID TICS, CALIFORNIA ZONES 4 AND 5  
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR  
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM  
CONTROL BY: USGS, MONSIEUR, AND USCE  
PREPARED BY: U.S. GEOLOGICAL SURVEY  
PRINTED BY: DMAPIC 279

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OR RESTON, VIRGINIA 22092

<b>SAMPLE 1000 METER GRID SQUARE</b>	46
<b>100 METER REFERENCE</b>	12
<b>100,000 M. SQUARE IDENTIFICATION</b>	FQ 700
<b>GRID ZONE DESIGNATION</b>	10S



USGS HISTORICAL FILE TOPOGRAPHIC DIVISION



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

USERS SHOULD REPORT CORRECTIONS, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/TOPOGRAPHIC CENTER, WASHINGTON, D. C. 20315. ATTN: PFD

THIS MAP IS RED-LIGHT READABLE

There may be private inholdings within the boundaries of the National or State reservations shown on this map.

STOCK NO. V795X18554

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