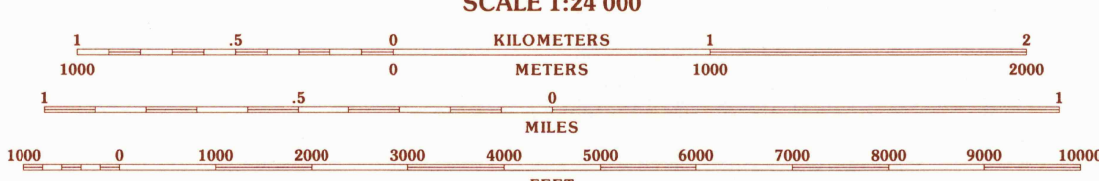


PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
DERIVED FROM IMAGERY TAKEN ..... 1977  
PHOTOINSPECTED USING IMAGERY TAKEN ..... 1997  
NO MAJOR CULTURE OR DRAINAGE CHANGES OBSERVED  
PLSS AND SURVEY CONTROL CURRENT AS OF ..... 1978  
BOUNDARIES VERIFIED .....  
PROJECTION ..... TRANSVERSE MERCATOR  
1000-METER UNIVERSAL TRANSVERSE MERCATOR GRID ..... ZONE 11  
10,000-FOOT STATE GRID TICKS ..... CALIFORNIA, ZONES 5 AND 6  
UTM GRID DECLINATION ..... 00°30' EAST  
2002 MAGNETIC NORTH DECLINATION ..... 13°00' EAST  
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM ..... NORTH AMERICAN DATUM OF 1983 (NAD 83)  
North American Datum of 1983 (NAD 83) is shown by dashed  
corner ticks. The values of the shift between NAD 27 and  
NAD 83 for 7.5-minute intersections are obtainable from  
National Geodetic Survey NADCON software.  
Where omitted, land lines have not been established

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Informa-  
tion shown as of date of  
field check.



SCALE 1:24 000  
CONTOUR INTERVAL 10 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
(TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, ADD 2 FEET)  
TO CONVERT FROM METERS TO FEET, MULTIPLY BY 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	

1 Twentynine Palms  
2 Valley Mountain  
3 East of Valley Mountain  
4 Queen Mountain  
5 Humboldt Mountain  
6 Malpais Hill  
7 Fred Liver Wash  
8 Pinto Mountain

ADJOINING 7.5' QUADRANGLE NAMES

Improved Road	-----
Unimproved Road	-----
Trail	-----
Interstate Route	-----
U.S. Route	-----
State Route	-----

**TWENTYNINE PALMS MOUNTAIN, CA**  
PROVISIONAL EDITION 1997

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