



Mapped, edited, and published by the Geological Survey  
Control by USGS, NOS/NOAA, and U.S. Army  
Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1946-1947. Field check 1949  
Polyconic projection. 1927 North American Datum  
10,000-foot grid based on California coordinate system,  
zone 6  
Dashed land lines indicate approximate location  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
Areas covered by dashed light-blue pattern  
are subject to controlled inundation  
There may be private inholdings within the boundaries  
of the National or State reservations shown on this map

UTM GRID AND 1982 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET  
To place on the predicted North American Datum 1983  
move the projection lines 2 meters south and  
80 meters east as shown by dashed corner ticks

SCALE 1:24 000  
1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 KILOMETER  
CONTOUR INTERVAL 40 FEET  
DOTTED LINES REPRESENT 20-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple and woodland compiled from  
aerial photographs taken 1980 and other source data  
Partial field check by U.S. Forest Service. Map edited 1982

PALOMAR OBSERVATORY, CALIF.  
33116-C7-TF-024  
1949  
PHOTOREVISED 1982  
DMA 2650 IV SE-SERIES V895

RETURN TO:  
USGS NHD HISTORICAL MAP ARCHIVES  
WARRERS RANCH  
2650 IV NW  
2650 III NW