UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DESCANSO QUADRANGLE
CALIFORNIA—SAN DIEGO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

2649 I NW (TULE SPRINGS) | 2649 I NE (CUYAMACA PEAK) | 2749 IV NW (MONUMENT PEAK)

116°37'30" | 32°52'30" | 116°30' | 32°45'

R. 3 E. | R. 4 E. | R. 5 E.

1 920 000 FEET | 1 890 000 FEET | 250 000 FEET | 220 000 FEET

CUYAMACA MOUNTAINS
CUYAMACA
CLEVELAND NATIONAL FOREST
LAGUNA MOUNTAINS

Hulburd Grove
Heliport
Descanso
Dexter Peak
Descanso River
Descanso Junction
Gaging Sta
BM 3299
Los Terrenitos
Racetrack
Water
BM 3561
BM 3569
BM 3539
BM 3396
BM 3466
Samagatuma Valley
Samagatuma Creek
Farley Flat
BM 3914
Guatay
Guatay Mtn
VABM 4885
Wild Pigeon Flat
Deer Park Road
Noble Canyon
BM 3743
Pine Creek Bible Conference Ground
Pine Valley Creek
Pine Valley
BM 3628
Sewage Disposal
BM 3734
BM 3736
Pine Valley
Scove Canyon
Laguna
BM 4085
Laguna Junction
Las Bancas Creek
Las Bancas Canyon
Pine Valley
Oak Valley
Oak Valley Road
BM 3779
Nelson Canyon
Carl Spr
Pine Valley Creek
Pothole Canyon
Long Valley
Long Peak
Bear Valley
Secret Canyon
Corte Madera Mtn
Corte Madera Valley
BM 3964
BM 3285
BM 4039
BM 4054
BM 4168
BM 4155
BM 3417
Sage
Buckman
Fuzz
Wire
Espinosa Creek
Water
Pine
Firebreak
Road
Trail
Private
Sunrise Highway
Julian 27 mi.
Live Oak Springs 16 mi.
El Cajon 22 mi.
Alpine 8 mi.
T. 15 S.
T. 16 S.

(BARRETT LAKE) 2649 II NW | (MORENA RESERVOIR) 2649 II NE | (CAMERON CORNERS) 2749 III NW | (MOUNT LAGUNA) 2749 IV SW | (VIEJAS MTN.) 2649 I SW

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1954. Field check 1960

Polyconic projection. **1927 North American Datum**
10,000-foot grids based on California coordinate system, zone 6
1000-meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue

To place on the predicted North American Datum 1983
move the projection lines 3 meters south and
79 meters east as shown by dashed corner ticks

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

GN | MN | 0°14' 4 MILS | 13½° 240 MILS
UTM GRID AND 1982 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
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

CALIF
QUADRANGLE LOCATION

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

ROAD CLASSIFICATION
Heavy-duty | Light-duty
Medium-duty | Unimproved dirt
U. S. Route | State Route
Interstate Route

DESCANSO, CALIF.

32116-G5-TF-024

1960
PHOTOREVISED 1982
DMA 2649 I SE—SERIES V895

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984