



Produced by the United States Geological Survey
 Topography compiled 1946. Planimetry derived from imagery taken 1997. Public Land Survey System and survey control current as of 1968. Boundaries current as of 1999.
 Selected hydrographic data compiled from NOS Surveys (1924, 1934-35). This information is not intended for navigational purposes.
 North American Datum of 1983 (NAD 83). Projection and 1000-meter grid: Universal Transverse Mercator, zone 11 10 000-foot ticks: California Coordinate System of 1983 (zone 6).
 North American Datum of 1927 (NAD 27) is shown by dashed corner ticks. The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.
 There may be private inholdings within the boundaries of the National or State reservations on this map.
 Dotted land lines established by private survey.
 Houses of worship, schools, and other labeled buildings verified 1968.

SCALE 1:24 000

UTM GRID AND 2000 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

CONTOUR INTERVAL 20 FEET
 SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOWER LOW WATER
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 4 FEET
 TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

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

ROAD CLASSIFICATION

Primary highway hard surface Light-duty road, hard or improved surface

Secondary highway hard surface Unimproved road

Interstate Route U.S. Route State Route

QUADRANGLE LOCATION

1	2	3	1 Las Pulgas Canyon
4	5	6	2 Morro Hill
7	8	9	3 Bonnell
10	11	12	4 Oceanside
13	14	15	5 San Marcos
16	17	18	6 Encinitas
19	20	21	7 Escondido
22	23	24	8 Rancho Santa Fe

ADJOINING 7.5' QUADRANGLE NAMES

SAN LUIS REY, CA 1997

NIMA 2550 III NE-SERIES V895

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HISTORICAL MAP ARCHIVES

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