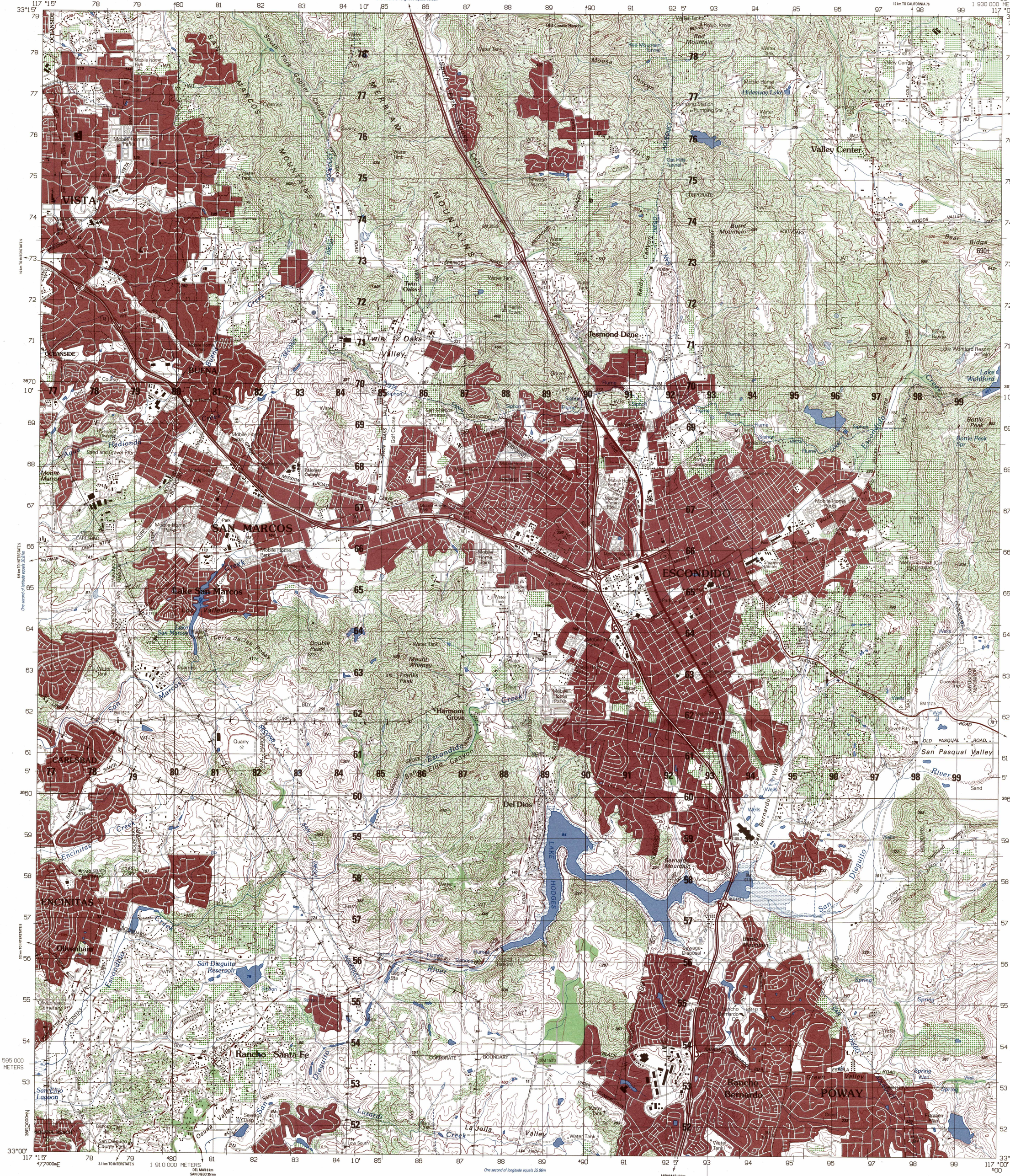
CALIFORNIA 1:50,000

ESCONDIDO

EDITION 7–NIMA SERIES V795 SHEET 2550 II



Prepared by the U.S. Geological Survey for publication by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1995

LEGEND

CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.

A LANE ON THIS MAP IS CONSIDERED TO BE 2.5 METERS WIDE.

IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

THERE MAY BE PRIVATE INHOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

ROADS
- 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

RAILROADS (Standard gauge 1.44m. – 4'8½")
- Single track
- Multiple track (3 TRACKS)
- Nonoperating
- Railroad station: Location known; Location unknown
- Car line
- Railroad bridge
- Tunnel: Highway; Railroad

BOUNDARIES
- National, with monument
- State, territory
- County, parish
- Civil township, town
- Incorporated city, village, town
- Reservation: National; State; Military (MIL RES)

- Power transmission line
- Buildings
- Structures
- Church; School
- Power substation
- Windmill; Watermill
- Well; Tank
- Mine shaft
- Open pit mine or quarry
- Horizontal control station
- Bench mark, monumented (BM × 219.2)
- Bench mark, non-monumented (× 143.9)
- Spot elevations in meters (• 144)
- Levees, rims, dikes
- Bluffs, cliffs
- Woodland
- Scattered trees; Scrub
- Vineyard; Orchard, plantation
- Intermittent lake; Dam: Earthen; Masonry
- Stream: Perennial; Intermittent
- Marsh, swamp
- Small falls; Large falls
- Small rapids; Large rapids

CONVERSION GRAPH

(1 meter = 3.28 feet)

Meters: 400, 300, 200, 100, 0 — Feet: 1300, 1200, 1100, 1000, 900, 800, 700, 600, 500, 400, 300, 200, 100, 0

Meters: 700, 600, 500, 400 — Feet: 2300, 2200, 2100, 2000, 1900, 1800, 1700, 1600, 1500, 1400

SCALE 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers

1 ½ 0 1 2 3 Statute Miles

1 ½ 0 1 2 3 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS

ELLIPSOID ..... WORLD GEODETIC SYSTEM 1984
GEODETIC REFERENCE SYSTEM 1980
GRID ..... 1,000-METER UTM ZONE 11 (BLACK NUMBERED LINES)
5,000-METER STATE GRID TICKS, CALIFORNIA (ZONE 6)
PROJECTION ..... TRANSVERSE MERCATOR
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... NORTH AMERICAN DATUM 1983
WORLD GEODETIC SYSTEM 1984
CONTROL BY ..... USGS, NOS/NOAA AND USCE
PREPARED BY ..... U.S. GEOLOGICAL SURVEY

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SAMPLE 1,000 METER GRID SQUARE (Sample point; 46, 45, 12, 13)

100,000 M. SQUARE IDENTIFICATION: MS

GRID ZONE DESIGNATION: 11S

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12 3
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45 6

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: MS123456

WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 11SMS123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN; ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003

GN

GRID CONVERGENCE 0°04′ (1 MIL) FOR CENTER OF SHEET

TRUE NORTH

GRID NORTH

MAGNETIC NORTH

1995 G-M ANGLE 13½° (240 MILS)

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH ADD G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH SUBTRACT G-M ANGLE

THIS MAP IS RED-LIGHT READABLE

BOUNDARIES

San Diego County

ADJOINING SHEETS

2550 IV	2550 I	2650 IV
2550 III	2550 II	2650 III
2549 IV	2549 I	2649 IV

Sheet 2550 II falls within NI 11-8 1501, 1:250,000

SLOPE GUIDE

PERCENTAGE: 15%, 14%, 13%, 12%, 11%, 10%, 9%, 8%, 7%, 6%, 5% — DEGREE: 8.5°, 8.0°, 7.4°, 6.9°, 6.3°, 5.7°, 5.2°, 4.6°, 4.0°, 3.4°, 2.9°

A B C

AB—HORIZONTAL DISTANCE BETWEEN CONTOURS
AC—HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

ELEVATION GUIDE

Highest High Medium Low

USGS 33117-A1-TM-050

ESCONDIDO, CALIFORNIA 2550 II V795 EDITION 7–NIMA

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