DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN FILE REPORT 78-305

PLATE 10

ISOPACH MAP SHOWING THICKNESS OF POST-PLIOCENE DEPOSITS

Prepared in cooperation with
Calif. State Department of Water Resources.

EXPLANATION

500 — Contour Line
(dashed where inferred)

ISOPACH CONTOURS-
Onshore- (modified after State of Calif., 1970, written commun.) effective base of fresh water based on well log data
Offshore- base of Pleistocene deposits, based on seismic reflection profile data

U D — Fault
(dashed where inferred)
U - Upthrown D - Downthrown

Thrust Fault - Flexure
(dashed where inferred)
Teeth on upper plate, solid where faulted.

Trace of Anticlinal Axis.
(dashed where inferred)

Trace of Synclinal Axis.
(dashed where inferred)

MOUND OFFSHORE GROUND-WATER BASIN

(No published data)

VENTURA

Mound Ground-Water Basin

OXNARD PLAIN

OXNARD PLAIN OFFSHORE GROUND-WATER BASIN

Oxnard Plain Ground-Water Basin

Ventura Shelf

Hueneme Canyon

Hueneme-Mugu Shelf

Mugu Canyon

Anacapa Ridge

Anacapa Shelf

Anacapa Islands

SANTA BARBARA CHANNEL

Santa Barbara Basin

Pitas Point

Point Hueneme

Point Mugu

Mugu Lagoon

Saticoy

Las Posas Valley

Camarillo Hills

Camarillo

Santa Monica Mountains

15.5°
True — Magnetic
North

Scale — 1: 62,500
0 — 2 Statute Miles
0 — 2 Nautical Miles
0 — 2 Kilometers

Contour Interval 100 Feet

119°30' 119°20' 119°10' 119°0' 34°20' 34°10' 34°0'

Topographic base modified from U.S. Geological Survey, 7.5 minute quadrangle series: Camarillo 1950, Oxnard 1950, Pitas Point 1950, Point Mugu 1949, Santa Paula 1951, Saticoy 1951, Ventura 1951, scale 1:24,000, and U.S. Coast and Geodetic Survey Chart 5114, Anacapa Passage 1967, scale 1:200,000.
Bathymetry modified from U.S. Coast and Geodetic Survey Chart 12000-15, Santa Barbara to Huntington Beach 1968, from soundings made by the USGS, 1970.

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.