



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

ANTIOCH NORTH QUADRANGLE  
CALIFORNIA  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
SE/4 PITTSBURG 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey  
Control by USGS, NOS/NOAA, and State of California  
Topography by photogrammetric methods from aerial photographs taken 1974 and planimetric surveys 1976. Map edited 1978  
Supersedes map dated 1953  
Selected hydrographic data compiled from NOS/NOAA charts 18656 and 18661 (1976)  
10,000-foot grid ticks based on California coordinate system, zone 2 and 3  
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue. 1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 14 meters north and 94 meters east as shown by dashed corner ticks  
Red tint indicates areas in which only landmark buildings are shown  
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

This map lies within a subsidence area  
Vertical control based on latest available adjustment  
There may be private inholdings within the boundaries of the National or State reservations shown on this map

SCALE 1:24 000  
1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 0 5 10 KILOMETER  
CONTOUR INTERVAL 10 FEET  
DOTTED LINES REPRESENT 5-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOWER LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 3 FEET  
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



ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Light-duty road, hard or improved surface  
Unimproved road  
Interstate Route  
U. S. Route  
State Route

ANTIOCH NORTH, CALIF.  
SE/4 PITTSBURG 15' QUADRANGLE  
38121-A7-TF-024

1978  
DMA 1660 III SE—SERIES V895

USGS NHD HISTORICAL MAP  
MAR 28 1985  
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