UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

SANTA CATALINA NORTH QUADRANGLE
CALIFORNIA-LOS ANGELES CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

SAN PEDRO CHANNEL

PACIFIC OCEAN

Bird Rock
Blue Cavern Point
Perdition Caves
Channel
Spouting Caves
Fourth of July Cove
Fishermans Cove
Isthmus Cove
Tank
Stone Quarry
Summit Res
Isthmus
Big Springs Res
Cliff
Upper Buffalo Corral Res
Tower
Deep Tank Reservoir
Empire Landing
Valley of Oaks
Cape
Little Gibraltar
Cabrillo Harbor
Goat Harbor
Twin Rocks
BM
Italian Gardens
Green
Goat
Lower Buffalo Corral Reservoir
Buffalo Springs Reservoirs
Brush RM 2
CATALINA AIRFIELD
Fletcher
Echo Lake
Fish Rock
White Bluff
Little Springs Canyon
Big Springs Canyon
Wrigley Ranch
Little Harbor
Cottonwood Canyon
Pump Station
Black Jack Mtn
Black Jack Camp
Cape Canyon
Cape Canyon Res
Mt Orizaba
High Mountain

HOWLANDS LANDING 4.4 MI.
2250 I NE
(SANTA CATALINA WEST)

WHITES LANDING 0.4 MI.
(SANTA CATALINA EAST)
2350 IV SE

MIDDLE RANCH 3.7 MI.
(SANTA CATALINA SOUTH)
2350 IV SW
MIDDLE RANCH 2.4 MI.
AVALON 5.7 MI.
(SANTA CATALINA EAST)
2350 IV SE

118°30′ 33°30′ 118°22′30″ 27′30″ 25′
4 170 000 FEET
3 920 000 FEET
3 900 000 FEET
4 140 000 FEET
3707000m N.
3694000m N.
361000m E.
371000m E.

Mapped by the Army Map Service
Edited and published by the Geological Survey

Control by NOS/NOAA

Topography from aerial photographs by stereoplanigraph
Aerial photographs taken 1943. Field check 1943

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 7
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 0 meters south and 84 meters east as shown by dashed corner ticks

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN 0°47′ 14 MILS
MN 14½° 258 MILS

Revisions shown in purple and woodland compiled by the Geological Survey from aerial photographs taken 1977 and other source data
This information not field checked. Map edited 1980

SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER

CONTOUR INTERVAL 50 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 4 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

CALIF
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

SEP - 8 1980
2006
USGS
Historical File
Topographic Division

SANTA CATALINA NORTH, CALIF.
N3322.5—W11822.5/7.5

1943
PHOTOREVISED 1980
DMA 2350 IV NW—SERIES V895