



1:100 000-scale metric topographic map of

Napa

CALIFORNIA

30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

1983

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1968-1981. Planimetry revised from aerial photographs taken 1976-79 and other source data. Revised information not field checked. Map edited 1983.
Projection and 10 000-meter grid, zone 10.
Universal Transverse Mercator
25 000-foot grid ticks based on California coordinate system, zones 2 and 3.
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 16 meters north and 95 meters east.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY,
P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808			4	5	
2	6.5617			5		
3	9.8425			6	7	8
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5276					
10	32.8084					

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

UTM grid convergence (GN and 1983 magnetic declination (M) at center of map
Diagram is approximate

1 Point Arena
2 Healdsburg
3 Sacramento
4 Bridge Bay
5 Lodi
6 San Francisco
7 Stockton

ISSN 0-607-10271-3
9 780607 102710

U.S. GEOLOGICAL SURVEY
JAN 31 1983
U.S. GEOLOGICAL SURVEY

Topographic Map Symbols

Symbol	Description
	Primary highway, hard surface
	Secondary highway, hard surface
	Light duty road, principal street, hard or improved surface
	Other road or street, trail
	Route marker, Interstate, U. S. State
	Railroad: standard gauge, narrow gauge
	Bridge: overpass, underpass
	Tunnel: road, railroad
	Built up area, locality, elevation
	Airport: landing field, landing strip
	National boundary
	State boundary
	County boundary
	National or State reservation boundary
	Land grant boundary
	U. S. public lands survey: range, township, section
	Range, township, section line: protracted
	Power transmission line: pipeline
	Dam: dam with lock
	Cemetery: building
	Well: water well, spring
	Mine shaft: old or new, mine, quarry, gravel pit
	Campground: picnic area, U. S. location monument
	Ruins: cliff dwelling
	Distorted surface: strip mine, lava, sand
	Contours: index, intermediate, supplementary
	Bathymetric contours: index, intermediate
	Stream, lake, perennial, intermittent
	Rapids, large and small, falls, large and small
	Area to be submerged: marsh, swamp
	Land subject to controlled inundation: woodland
	Scrub, mangrove
	Orchard, vineyard

A pamphlet describing topographic maps is available on request