

UKIAH, CALIFORNIA

30X60 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC)



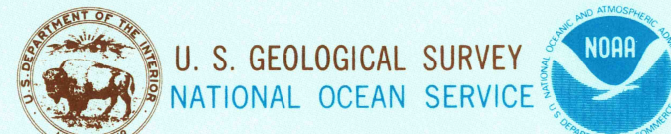
Ukiah
CALIFORNIA

1:100 000-scale *metric*
topographic—bathymetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



1981

Produced by the Geological Survey and the National Ocean Service

Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1958-1978.
Planimetry revised from aerial photographs taken 1976-77 and other source data. Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes. Mean low water (dashed line) and mean high water (heavy solid line) compiled by NOS from tide-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line.
Projection and 18 000-meter grid, zone 10 Universal Transverse Mercator. 25 000-foot grid ticks based on California coordinate system, zone 2 1927 North American Datum.
To place on the projected North American Datum 1983 move the projection from 18 meters north and 96 meters east.
Offshore protection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagrams dated November 2, 1976. The protection on this map are not for Federal leasing purposes; for such purposes, refer to OCS Official Protection Diagrams available from the Minerals Management Service. Limited revision and bathymetry added 1987.
There may be private buildings within the boundaries of National or State reservations shown on this map.
CONTOUR INTERVAL: 40 METERS
NATIONAL GEODESIC VERTICAL DATUM of 1929
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVAL: 10 METERS TO 300 METERS
GAUGE STATIONS: 10 METERS TO 300 METERS
CONTOUR-DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
BATHYMETRIC SURVEY DATA COMPILED WITH
INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION NO. 1, ACCORDING TO STANDARD SOUNDING STANDARDS
USED AS OF THE DATE OF THE SURVEYS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet			1	2	3	4
1	3.2808	UTM grid convergence (GN) and 1967 magnetic declination (MN) at center of map Diagram is approximate	0°15' 15" W 8 MILS 15° 15' W 293 MILS	5	6	7	8
2	6.5617			9	10	11	12
3	9.8425			13	14	15	16
4	13.1234			17	18	19	20
5	16.4042			21	22	23	24
6	19.6850			25	26	27	28
7	22.9658			29	30	31	32
8	26.2467			33	34	35	36
9	29.5275			37	38	39	40
10	32.8084			41	42	43	44
To convert meters to feet multiply by 3.2808				1 Covelto 2 Willow 3 Lakeport 7 Point Arena 8 Holsburg			
To convert feet to meters multiply by 0.3048							

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80202, OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

Topographic Map Symbols

- 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
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Road, off-traveling
- Distorted surface: strip mine, levee, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake, perennial; intermittent
- Rapids, large and small; hole, 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

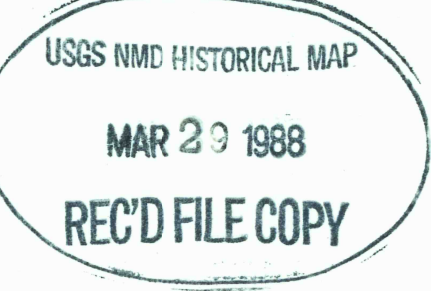
UKIAH, CALIFORNIA
39123-A1-TB-100

1981

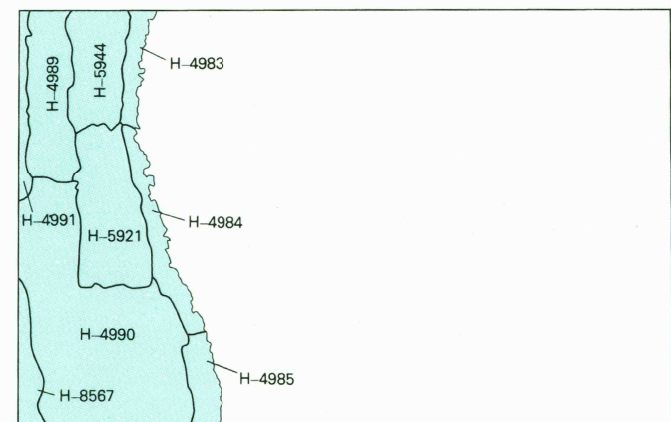
BATHYMETRY ADDED 1987

HYDROGRAPHIC SURVEY INFORMATION

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HYDROGRAPHIC SURVEY INDEX



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