



Eureka

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

U. S. GEOLOGICAL SURVEY
NATIONAL OCEAN SERVICE

1987

Produced by the Geological Survey and the National Ocean Service

Compiled from USGS 1:24 000-scale topographic maps dated 1979

Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not bold checked. Map edited 1987

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes

Mean lower 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 (also based on California coordinate system, zone 1 1927 North American Datum)

To place on the projected North American Datum 1983 move the projection lines 23 meters north and 79 meters east

Oblique projection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagrams dated November 5, 1975 and April 18, 1979

The projections on this map are not for Federal leasing purposes for such purposes, refer to OCS Official Protection Diagrams available from the Minerals Management Service

Where omitted, land lines have not been established

Landlines and bathymetry added 1985

There may be private subdivisions within the boundaries of National or State reservations shown on this map

CONTOUR INTERVAL: 50 METERS

NATIONAL GEODETIC VERTICAL DATUM of 1989

ELEVATIONS SHOWN TO THE NEAREST METERS

DEPTHS WITH SUPPLEMENTARY 2 METER CONTOURS, THENCE IN METERS TO SHALLOW DEPTHS, WITH SUPPLEMENTARY 10 METER CONTOURS, DATUM IS MEAN LOWER LOW WATER

THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPILES WITH NATIONAL MAP ACCURACY STANDARDS

BATHYMETRIC SURVEY DATA COMPILES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION INFO SPECIAL MAPS

MAP ACCURACY: HORIZONTAL AND VERTICAL STANDARDS USED AS OF THE DATE OF THE SURVEY

CONVERSION TABLE	
Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5275
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

UTM grid convergence (GM) and 1987 magnetic declination (M) at center of map

Diagram is approximate

ADJOINING MAPS		
1	2	3
4	5	
6	7	8

1 Crick

2 Hoopa

3 Klamath

4 Hayfork

5 Cape Mendocino

6 Garberville

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, 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, gravel street, hard or improved surface	—————
Other road or street, trail	—————
Route marker: Interstate; U. S. State	—————
Railroad: standard gage; narrow gage	—————
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: protected	—————
Power transmission line, pipeline	—————
Dam; dam with lock	—————
Cemetery; building	—————
Windmill; water well; spring	—————
Mine shaft; pit or cave; mine, quarry, gravel pit	—————
Campground; picnic area; U. S. location monument	—————
Ruin; cliff dwelling	—————
Distorted surface: strip mine, levee, 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	—————
Drainage; wetland	—————

USGS NHD HISTORICAL MAP

OCT 07 1988

REC'D FILE COPY

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAT. MILES)
H-4096	1919	1:10,000	02-16
H-4097	1919	1:10,000	02-08
H-4098	1920	1:10,000	02-03
H-4099	1920	1:10,000	02-15
H-4100	1920	1:10,000	02-15
H-4101	1920	1:10,000	02-15
H-4102	1920	1:10,000	02-15
H-4103	1920	1:10,000	02-15
H-4104	1920	1:10,000	02-15
H-4105	1920	1:10,000	02-15
H-4106	1920	1:10,000	02-15
H-4107	1920	1:10,000	02-15
H-4108	1920	1:10,000	02-15
H-4109	1920	1:10,000	02-15
H-4110	1920	1:10,000	02-15
H-4111	1920	1:10,000	02-15
H-4112	1920	1:10,000	02-15
H-4113	1920	1:10,000	02-15
H-4114	1920	1:10,000	02-15
H-4115	1920	1:10,000	02-15
H-4116	1920	1:10,000	02-15
H-4117	1920	1:10,000	02-15
H-4118	1920	1:10,000	02-15
H-4119	1920	1:10,000	02-15
H-4120	1920	1:10,000	02-15
H-4121	1920	1:10,000	02-15
H-4122	1920	1:10,000	02-15
H-4123	1920	1:10,000	02-15
H-4124	1920	1:10,000	02-15
H-4125	1920	1:10,000	02-15
H-4126	1920	1:10,000	02-15
H-4127	1920	1:10,000	02-15
H-4128	1920	1:10,000	02-15
H-4129	1920	1:10,000	02-15
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H-4131	1920	1:10,000	02-15
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H-4137	1920	1:10,000	02-15
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H-4146	1920	1:10,000	02-15
H-4147	1920	1:10,000	02-15
H-4148	1920	1:10,000	02-15
H-4149	1920	1:10,000	02-15
H-4150	1920	1:10,000	02-15
H-4151	1920	1:10,000	02-15
H-4152	1920	1:10,000	02-15
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