



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



1979

Produced by the Geological Survey and the National Ocean Service
 Compiled from 1:50,000-scale topographic maps dated 1947-1975
 Planimetry revised from aerial photographs taken 1973-1977 and other source data. Revised information not field checked. Map edited 1979
 Mexican portion compiled from Division General de Geografía del Territorio Nacional 1:50,000-scale maps dated 1974
 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 (theory) solid line compiled by NOS from tide-coordinated aerial photographs. Approximate shoreline (outer edge of vegetation) shown by light solid line
 Projection and 100,000-meter grid, zone 14, Universal Transverse Mercator 25,000-foot grid ticks based on California coordinate system, zone 6 1927 North American Datum
 To place on the practical North American Datum 1983 move the projection lines 3 meters south and 81 meters east
 Official projection survey data, shown in red, furnished by the Minerals Management Service. Horizontal datum is the International Great Circle Official Projection Diagram dated October 25, 1984. The projection on this map was for Federal Reserve purposes for each purpose, refer to OCS Official Projection Diagram available from the Minerals Management Service (Lithology and bathymetry added 1988)
 There may be places where the boundaries of National or State Reservations shown on this map

CONTOUR INTERVAL 50 METERS
 U.S. PORTION NATIONAL GEODETIC VERTICAL DATUM OF 1999
 ELEVATIONS SHOWN TO THE NEAREST METER
 BATHYMETRIC CONTOUR INTERVAL IS METERS TO 300 METERS DEPTH, WITH SUPPLEMENTARY 2 METER CONTOURS, THENCE 50 METERS TO MAXIMUM DEPTH
 CONTOUR DATUM IS MEAN LOWER LOW WATER
 THE RELATIONSHIP BETWEEN THE THREE DATUMS IS VARIABLE

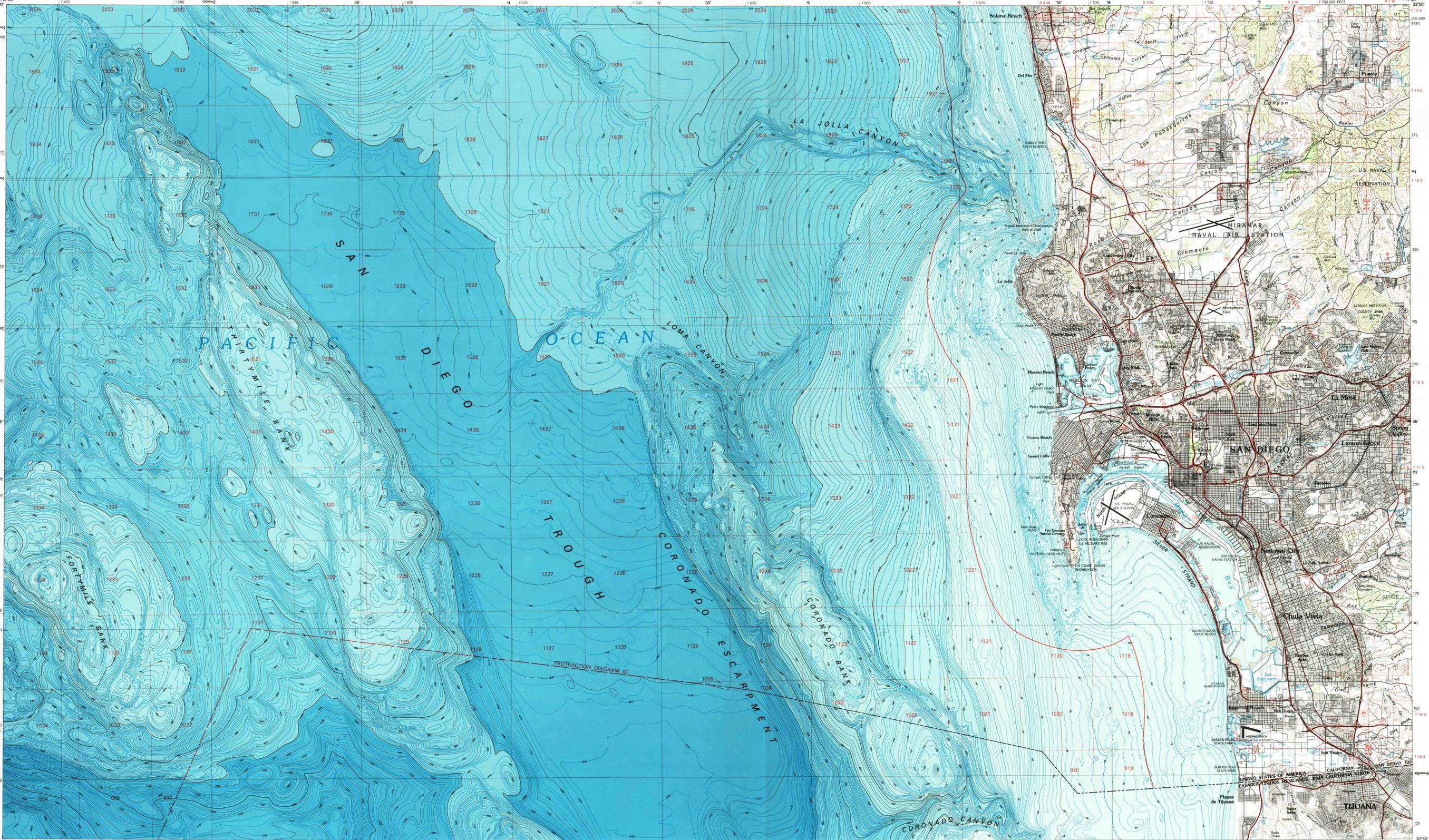
CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC		1	2	3
1	3.281	0°		1	2	3
2	6.562	13°		4	5	
3	9.843	26°		6	7	8
4	13.124	39°				
5	16.405	52°				
6	19.686	65°				
7	22.967	78°				
8	26.248	91°				
9	29.529	104°				
10	32.810	117°				

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048
 UTM grid convergence (NAD and 1983 magnetic declination) is shown in diagram
 Diagram is approximate



Topographic Map Symbols

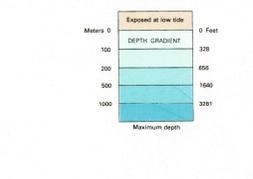
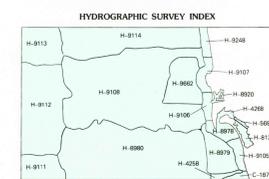
- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Road marker, International U. S. State
- Railroad, standard gage, narrow gage
- Bridge, overpass, underpass
- Tunnel, road, railroad
- Build up area, locality, elevation
- Asphalt, 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, protraction
- Power transmission line, pipeline
- Dam, dam with lock
- Cemetery, building
- Wellhead, water well, spring
- Mine shaft, pit or area, mine, quarry, gravel pit
- Campground, picnic area, U. S. location monument
- Ruin, cliff dwelling
- Contoured surface, strip mine, low land
- Contour, index, intermediate, supplementary
- Bathymetric contours, index, intermediate
- Stream, lake, perennial, intermittent
- Basin, large and small, lake, large and small
- Area to be submerged, marsh, swamp
- Land subject to controlled inundation, woodland
- Soak, mangrove
- Obstacle, viaduct



SCALE 1:100 000
 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
 CONTOUR INTERVAL 50 METERS

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY NAME (MILES)
H-4268	1923-24	1:62,500	02-11
H-4269	1923	1:10,000	02-12
H-4270	1924	1:10,000	02-13
H-4271	1924	1:10,000	02-14
H-4272	1924	1:10,000	02-15
H-4273	1924	1:10,000	02-16
H-4274	1924	1:10,000	02-17
H-4275	1924	1:10,000	02-18
H-4276	1924	1:10,000	02-19
H-4277	1924	1:10,000	02-20
H-4278	1924	1:10,000	02-21
H-4279	1924	1:10,000	02-22
H-4280	1924	1:10,000	02-23
H-4281	1924	1:10,000	02-24
H-4282	1924	1:10,000	02-25
H-4283	1924	1:10,000	02-26
H-4284	1924	1:10,000	02-27
H-4285	1924	1:10,000	02-28
H-4286	1924	1:10,000	02-29
H-4287	1924	1:10,000	02-30



Topographic copies of the above and prior surveys may be obtained at the cost of reproduction by addressing the Director, NCCD, National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852