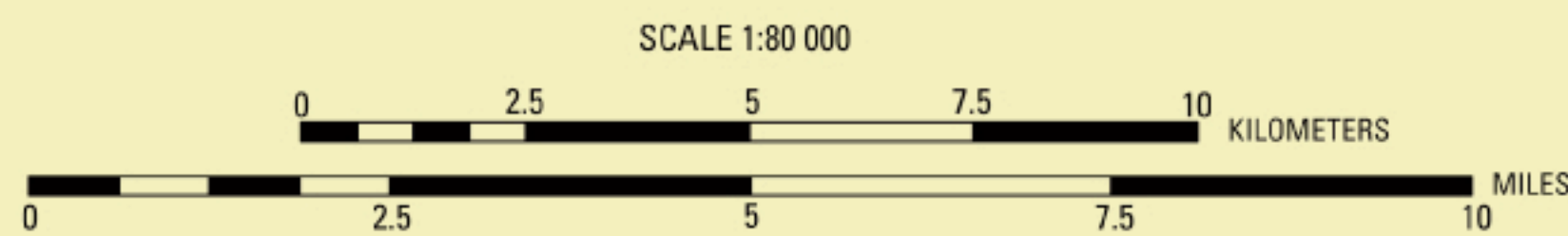




Ocean floor image generated from multibeam-bathymetry data acquired by Federal and local agencies as well as academic institutions including:

- I. U.S. Geological Survey mapped from the La Jolla Canyon south to the US-Mexico border using a Kongsberg Simrad multibeam echosounder system (MBES) at 8-m resolution (March - April 1998). Data and metadata available at <http://pubs.usgs.gov/of2004/221/>.
- II. Woods Hole Oceanographic Institution and SCRIPPS Institution of Oceanography mapped the majority of the La Jolla Fan Valley including the sea floor to the north and south of the valley using a Seabeam 2100 MBES at 23-m resolution. Data available at <http://www.ngdc.noaa.gov/ing2/bathymetry/multibeam.html>. Survey ID: AT07L09; Chief Scientists: Barrie Walker and Joseph Coburn (April 2002).
- III. California State University, Monterey Bay mapped Scripps Canyon and the head of La Jolla Canyon using a Reson 8101 MBES at 2-m resolution (October 2001). Data and metadata available at <http://seafloor.csuoh.edu/SPMLwebDATA.htm>. This work was funded by the California Department of Fish and Game.
- IV. California Coastal Conservancy, San Diego Association of Governments (SANDAG), California Department of Fish and Game, and Fugro Pelagos mapped the nearshore region out to about 20 m.
- V. The sea floor within this image that has not been mapped with MBES is filled in with interpolated bathymetry gridded from single-beam data available at <http://www.ngdc.noaa.gov/ing2/bathymetry/hydro.html>.

Depths are in meters below sea level which is referenced to Mean Lower Low water.



Multibeam Bathymetry and Selected Perspective Views Offshore San Diego, California

By
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 2007

Base from U.S. Geological Survey digital data, 1:24,000 and 1:100,000, 1969-85 Universal Transverse Mercator projection, Zone 11, WGS84 ellipsoid.
 Land image generated from merged 10-m, panchromatic SPOT imagery, 30-m, true-color Landsat-7 imagery, and USGS 7.5 minute, 10-m digital elevation models (DEMs).
 Shaded-relief bathymetry has an illumination angle of 315 degrees with an elevation of 45 degrees.
 20-m isobaths from 0 to 100 m and 100-m isobaths from 100 to 1200 m.

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