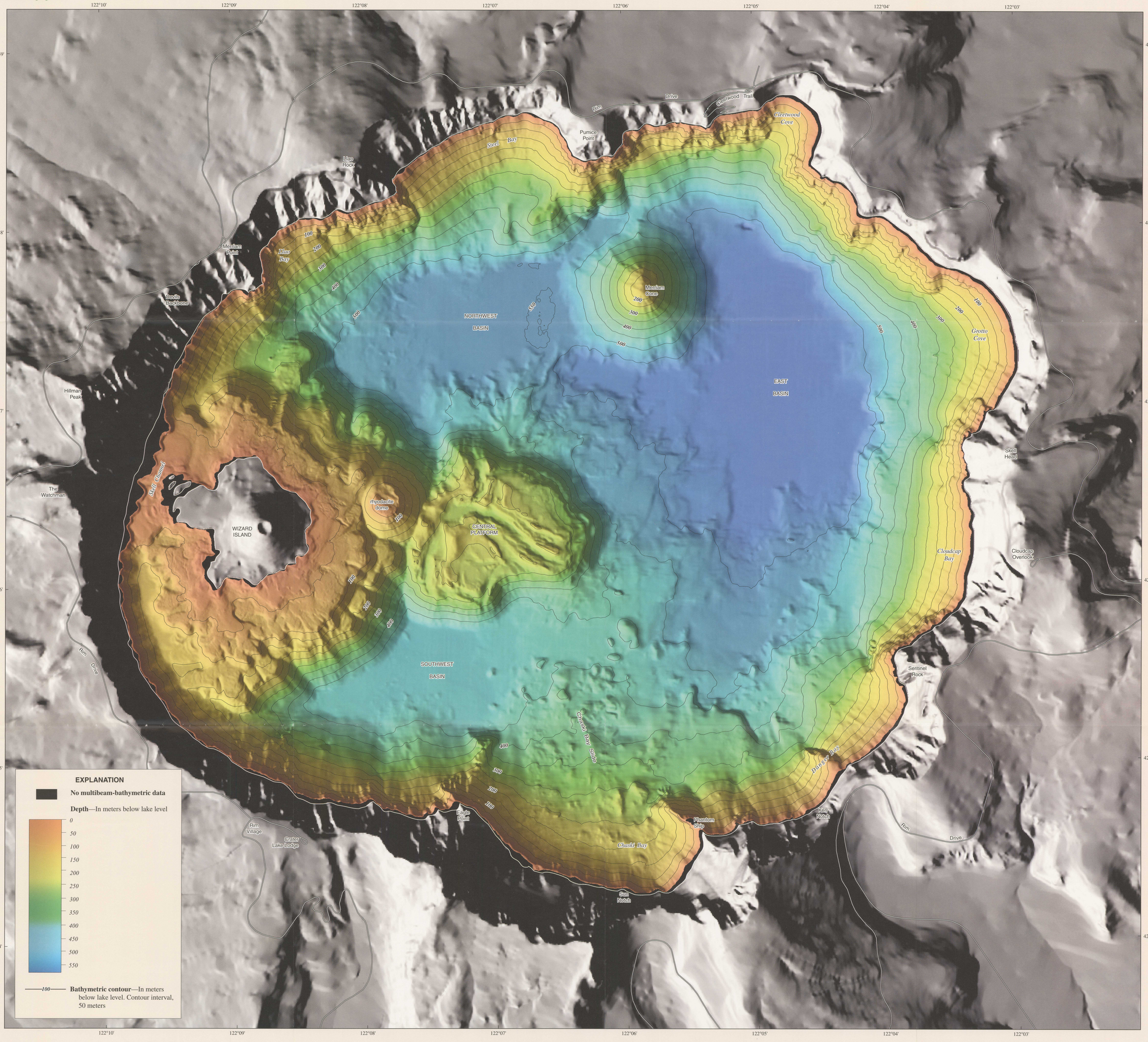
WATER-RESOURCES INVESTIGATIONS REPORT 01–4046
Bathymetry—SHEET 1 of 2
Gardner, J.V., and others, 2001
Bathymetry and selected perspective views of Crater Lake, Oregon

USGS
science for a changing world

BATHYMETRY



Base from U.S. Geological Survey digital data, 1:24,000 and 1:100,000, 1969–85
Universal Transverse Mercator projection, Zone 10, WGS84 ellipsoid.
Land image generated from USGS 7.5-minute, 10-meter DEM.
Shaded-relief image generated using a multi-directional shaded-relief program written by Bob Mark, USGS OFR 92-422. Illumination angles are 225°, 270°, 315°, and 360°, at 40° above horizon.

SCALE 1 : 15,000

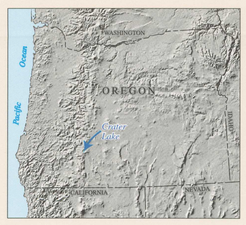
KILOMETER 1 0 1

MILE 1 0 1

Lake-floor image generated from multibeam-bathymetry data acquired in July–August 2000 by the U.S. Geological Survey in cooperation with the National Park Service and the University of New Hampshire, using a Kongsberg Simrad EM-1002 multibeam sonar system. Lake-floor pixel resolution is 2 meters. Depths are in meters below the lake surface which had an elevation of 1,883.1m above sea level during the survey.

More information available on World Wide Web at
<http://walrus.wr.usgs.gov/pacmaps> [last modified August 2000]

Bathymetry formal metadata available on World Wide Web at
<http://walrus.wr.usgs.gov/docs/infobank/tiger/s/s100or/html/s-1-00-or.meta.html>



BATHYMETRY AND SELECTED PERSPECTIVE VIEWS OF CRATER LAKE, OREGON

By
James V. Gardner, Peter Dartnell, Laurent Hellequin, Charles R. Bacon: U.S. Geological Survey;
Larry A. Mayer: University of New Hampshire; Mark W. Buktenica: National Park Service
and J. Christopher Stone, U.S. Geological Survey

2001