



PUBLICATIONS OF THE WESTERN EARTH SURFACE PROCESSES TEAM 2004

Compiled by Charles Powell, II, and Paul Stone

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Publications of the Western Earth Surface Processes Team 2004

*Compiled by Charles Powell, II, and Paul Stone)*¹

INTRODUCTION

The Western Earth Surface Processes Team (WESPT) of the U.S. Geological Survey (USGS) conducts geologic mapping, earth-surface processes investigations, and related topical earth science studies in the western United States. This work is focused on areas where modern geologic maps and associated earth-science data are needed to address key societal and environmental issues such as ground-water quality, landslides and other potential geologic hazards, and land-use decisions. Areas of primary emphasis in 2004 included southern California, the San Francisco Bay region, the Mojave Desert, the Colorado Plateau region of northern Arizona, and the Pacific Northwest. The team has its headquarters in Menlo Park, California, and maintains smaller field offices at several other locations in the western United States.

The results of research conducted by the WESPT are released to the public as a variety of databases, maps, text reports, and abstracts, both through the internal publication system of the USGS and in diverse external publications such as scientific journals and books. This report lists publications of the WESPT released in 2004 as well as additional 2001, 2002, and 2003 publications that were not included in the previous lists (USGS Open-File Reports 00-215, 01-198, 02-269, 03-363, 2004-1267). Most of the publications listed were authored or coauthored by WESPT staff. The list also includes some publications authored by non-USGS cooperators with the WESPT, as well as some authored by USGS staff outside the WESPT in cooperation with WESPT projects.

Several of the publications listed are available on the World Wide Web; for these, URL addresses are provided. Many of these web publications are USGS Open-File reports that contain large digital databases of geologic map and related information.

Information on ordering USGS publications can be found on the World Wide Web at <http://www.usgs.gov/pubprod/>, or by calling 1-888-ASK-USGS. The U.S. Geological Survey's web server for geologic information in the western United States is located at <http://geology.wr.usgs.gov/>. More information is available about the WESPT is available on-line at <http://geology.wr.usgs.gov/wgmt>.

¹ Menlo Park, CA 94025

ADDITIONAL 2001 PUBLICATIONS

- Haugerud, R.A., Weaver, C.S., and Harless, J., 2001, Finding faults with LIDAR in the Puget lowland [abs.]: *Seismological Research Letters*, v. 72, no. 2, p. 253.
- Longpré, C.I., 2001, Surficial geology of lower Comb Wash, San Juan County, Utah: U.S. Geological Survey Open-File Report 01-424, scale 1:12,000, 17 p., <http://geopubs.wr.usgs.gov/open-file/of01-424/>.

ADDITIONAL 2002 PUBLICATIONS

- Jachens, R.C., Sweetkind, D.S., Langenheim, V.E., Phelps, G.A., and McKee, E.H., 2002, Building hydrogeologic framework models of basins—Contributions from geophysically-based elements [abs.]: *Geological Society of America Abstracts with Programs*, v. 34, no. 6, p. 394.
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ADDITIONAL 2003 PUBLICATIONS

- Brueseke, M.E., Hart, W.K., Wallace, A.R., Heizler, M.T., and Fleck, R.J., 2003, Mid-Miocene volcanic field development in northern Nevada: new age constraints on the timing of Santa Rosa-Calico volcanism [abs.]: *Geological Society of America Abstracts with Programs*, v. 35, no. 4, p. 63.
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- area and the mouth of the Paria River, by R. H. Webb and R. Hereford: U.S. Geological Survey Geologic Investigations Series I-2771, scale 1:5,000, <http://pubs.usgs.gov/imap/i2771/>.
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