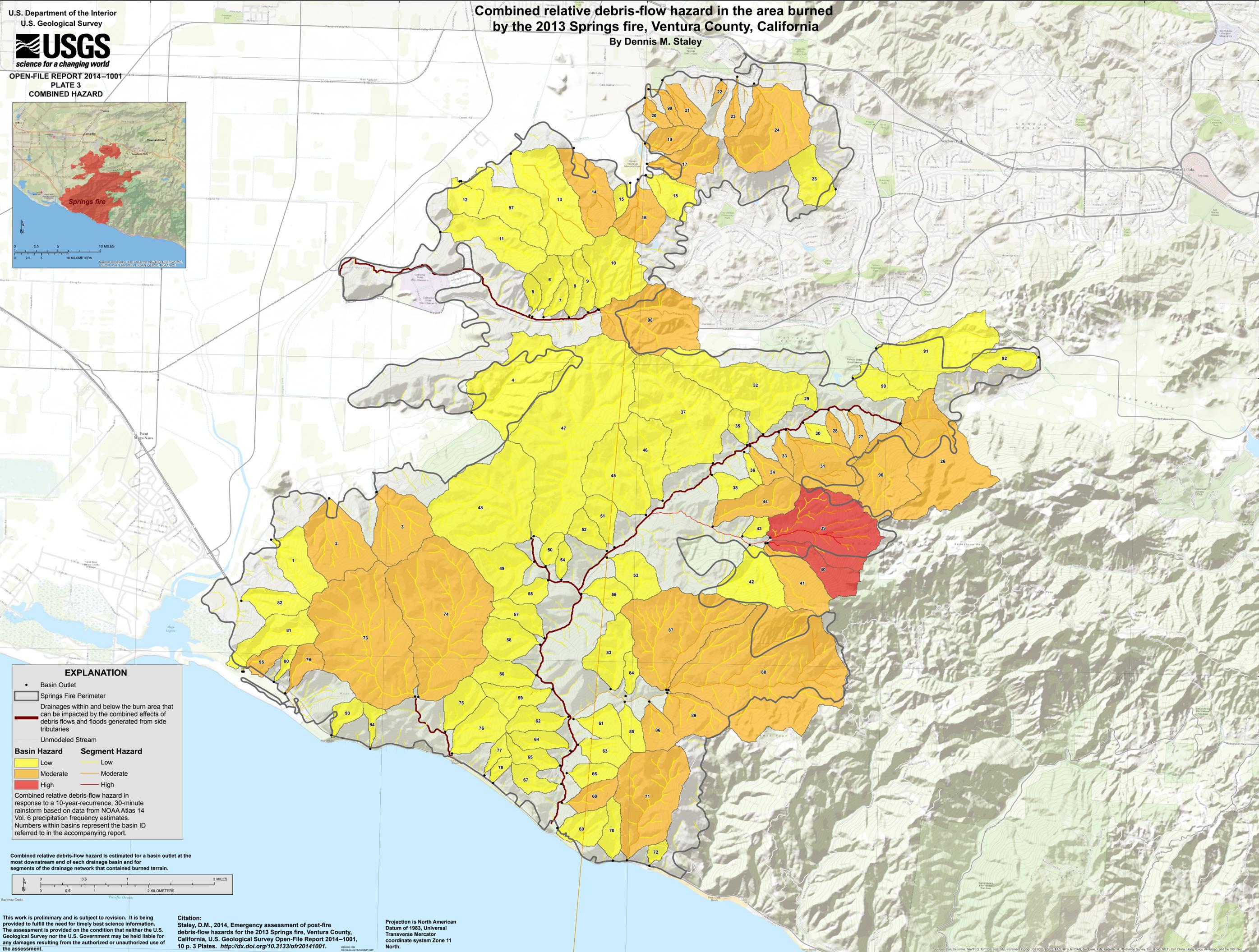


Combined relative debris-flow hazard in the area burned by the 2013 Springs fire, Ventura County, California

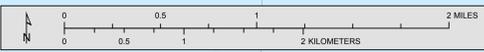
By Dennis M. Staley



EXPLANATION

- Basin Outlet
 - ▭ Springs Fire Perimeter
 - ▭ Drainages within and below the burn area that can be impacted by the combined effects of debris flows and floods generated from side tributaries
 - ▭ Unmodeled Stream
- | Basin Hazard | Segment Hazard |
|-------------------|-------------------|
| Low (Yellow) | Low (Yellow) |
| Moderate (Orange) | Moderate (Orange) |
| High (Red) | High (Red) |
- Combined relative debris-flow hazard in response to a 10-year-recurrence, 30-minute rainstorm based on data from NOAA Atlas 14 Vol. 6 precipitation frequency estimates. Numbers within basins represent the basin ID referred to in the accompanying report.

Combined relative debris-flow hazard is estimated for a basin outlet at the most downstream end of each drainage basin and for segments of the drainage network that contained burned terrain.



Basemap Credit: Pacific Online

This work is preliminary and is subject to revision. It is being provided to fulfill the need for timely best science information. The assessment is provided on the condition that neither the U.S. Geological Survey nor the U.S. Government may be held liable for any damages resulting from the authorized or unauthorized use of the assessment.

Citation: Staley, D.M., 2014. Emergency assessment of post-fire debris-flow hazards for the 2013 Springs fire, Ventura County, California, U.S. Geological Survey Open-File Report 2014-1001, 10 p. 3 Plates. <http://dx.doi.org/10.3133/ofr20141001>.

Projection is North American Datum of 1983, Universal Transverse Mercator coordinate system Zone 11 North.