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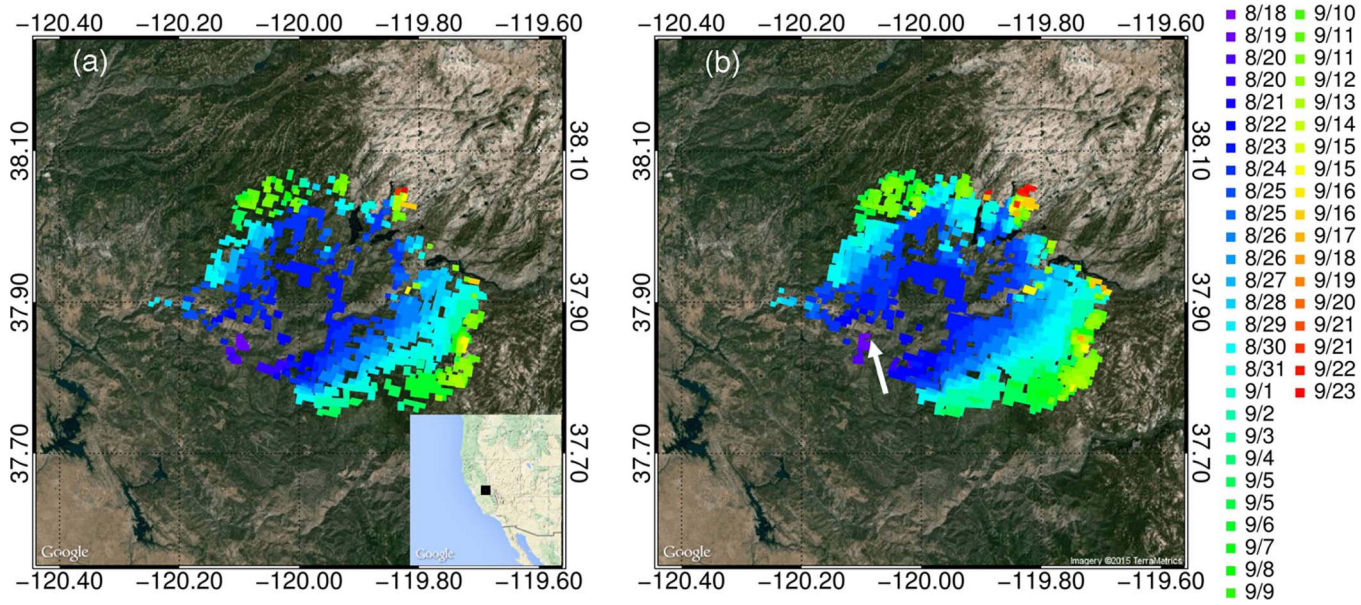

Progression of the 2013 Rim Fire from ignition to extinction, as revealed by the operational Active Fire Application Related Product (left) and the Firelight Detection Algorithm (right), both using the same input data from the VIIRS aboard the Suomi-NPP satellite.

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About the Cover: The cover describes the progression of the 2013 Rim Fire from ignition to extinction, as seen by the operational Active Fire Application Related Product (left) and the Firelight Detection Algorithm (FILDA, right), both using the same input data from the Visible Infrared Imaging Radiometer Suite (VIIRS) aboard the Suomi-NPP. The white arrow highlights the first nocturnal detection by VIIRS using FILDA at 2:43 A.M. PDT on 18 August 2013, 11 hours after ignition. For more information, please see ''Improving Nocturnal Fire Detection With the VIIRS Day–Night Band,'' by Polivka *et al.*, which begins on page 5503.