

GOES-R ABI Fire Detection

The GOES Advanced Baseline Imager produces imagery and products that can be used for fire detection and monitoring.

NOAA provides that data to the public, and SSEC contracts with companies to provide tailored fire detection data.



Users of NOAA's fire data include the NWS, smoke and aerosol modelers, emergency managers, and more. Applications include monitoring and modeling.

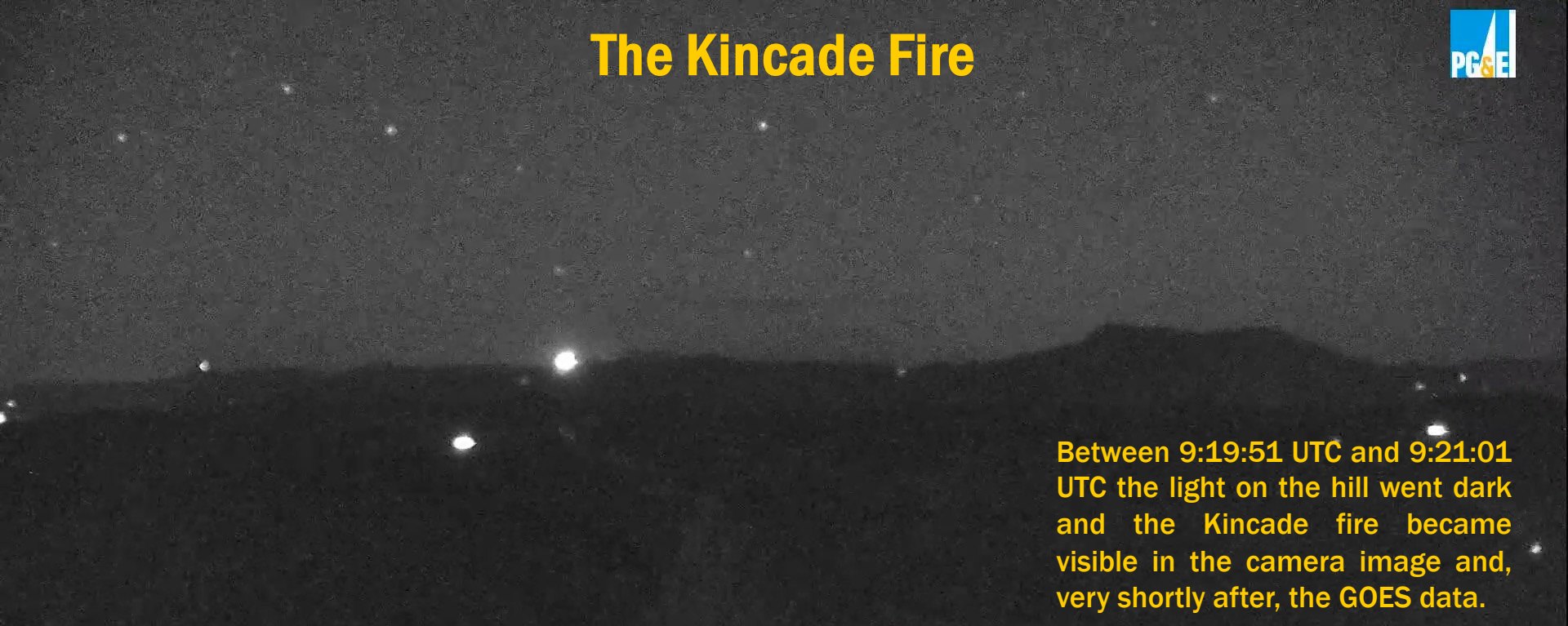
Utilities and an aggregator of data from GOES and other sources contract with SSEC. The utilities combine these sources into their own fire intelligence systems.



Chris Schmidt
Researcher, CIMSS/SSEC/UW-Madison

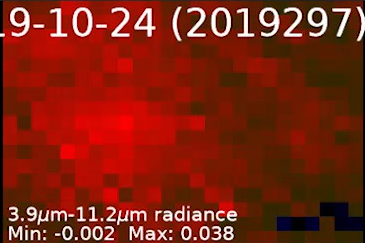


The Kincade Fire



Between 9:19:51 UTC and 9:21:01 UTC the light on the hill went dark and the Kincade fire became visible in the camera image and, very shortly after, the GOES data.

GOES-17 2019-10-24 (2019297) 04:14:57.5Z



Fire FRP
Min: 0 MW
Max: 0 MW
Total FRP: 0 MW