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United States All-Active Wildfire

Our United States all-active wildfire solution combines fire location information from InciWeb, wildfire perimeters from the National Interagency Fire Center (NIFC), and NASA Visible Infrared Imaging Radiometer Suite (VIIRS) Hotspots to provide a timely, accurate, and robust wildfire threat analysis tool. This view will show you all active fires in the U.S.

Coverage area & data available
- United States
- InciWeb fire name and location
- NASA perimeters
- NIFC fire perimeters

Update frequency
Current event data is updated once daily at 4:20 am UTC.

Enhanced columns
We enhance your data with two columns that you can view and filter by:

- Perimeters (NASA & NIFC) [Date/Time]
- Fire Name

What the InciWeb data means
InciWeb is an interagency all-risk incident information management system that provides the public a single source of incident related information. We use InciWeb to determine the fire name and starting location.

What the NIFC data means
NIFC provides near real-time information, fire perimeter data is updated daily based upon input from incident intelligence sources, GPS data, infrared (IR) imagery from fixed wing and satellite platforms.

What the NASA data means
The Visible Infrared Imaging Radiometer Suite (VIIRS) instrument collects visible and infrared imagery allowing SpatialKey to show fire hotspots (shown in blue). We cross reference this data with known fire locations to determine if the hotspot is fire related.

Exported columns
The models you enhanced your data with will be available in exported CSV files as:
- NIFC Wildfire Perimeters [Date]
- Fire Name

When you download your data, look for appended columns.
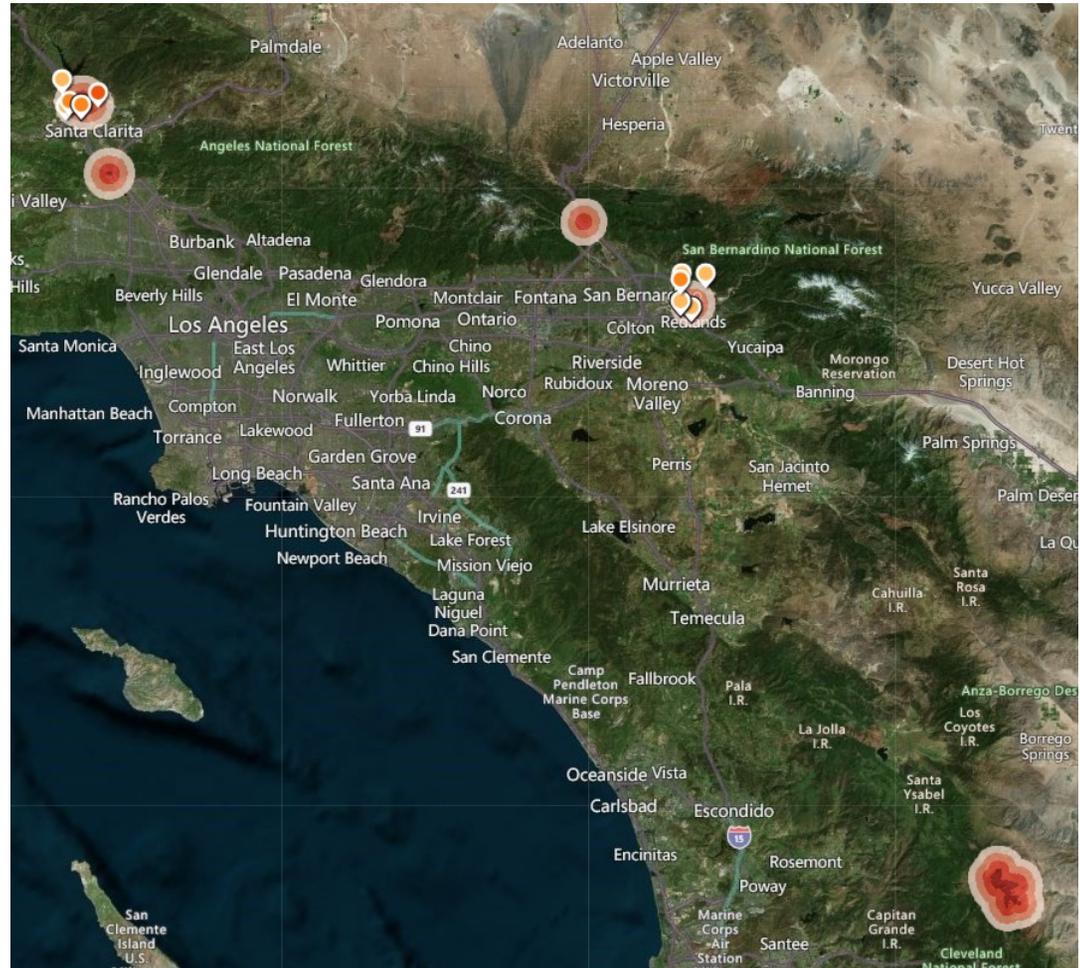
Learn more about wildfire data at NIFC and NASA VIIRS

NIFC/NASA Wildfire

Our wildfire solution combines fire location information from InciWeb, NASA Visible Infrared Imaging Radiometer Suite (VIIRS) Hotspots, wildfire perimeters from the National Interagency Fire Center (NIFC) to provide a timely, accurate, and robust wildfire threat analysis tool.

Coverage area & data available

* United States
* InciWeb fire name and location
* Visual display of NASA VIIRS Hotspots
* NIFC fire perimeters

Update frequency

Current event data is updated every 30 minutes.

Enhanced columns

We enhance your data with one or two columns of miles from perimeter that you can view and filter by:

* Perimeters – Estimated (NASA) [Date/Time]
* Perimeters – Estimated (NIFC & NASA) [Date/Time]
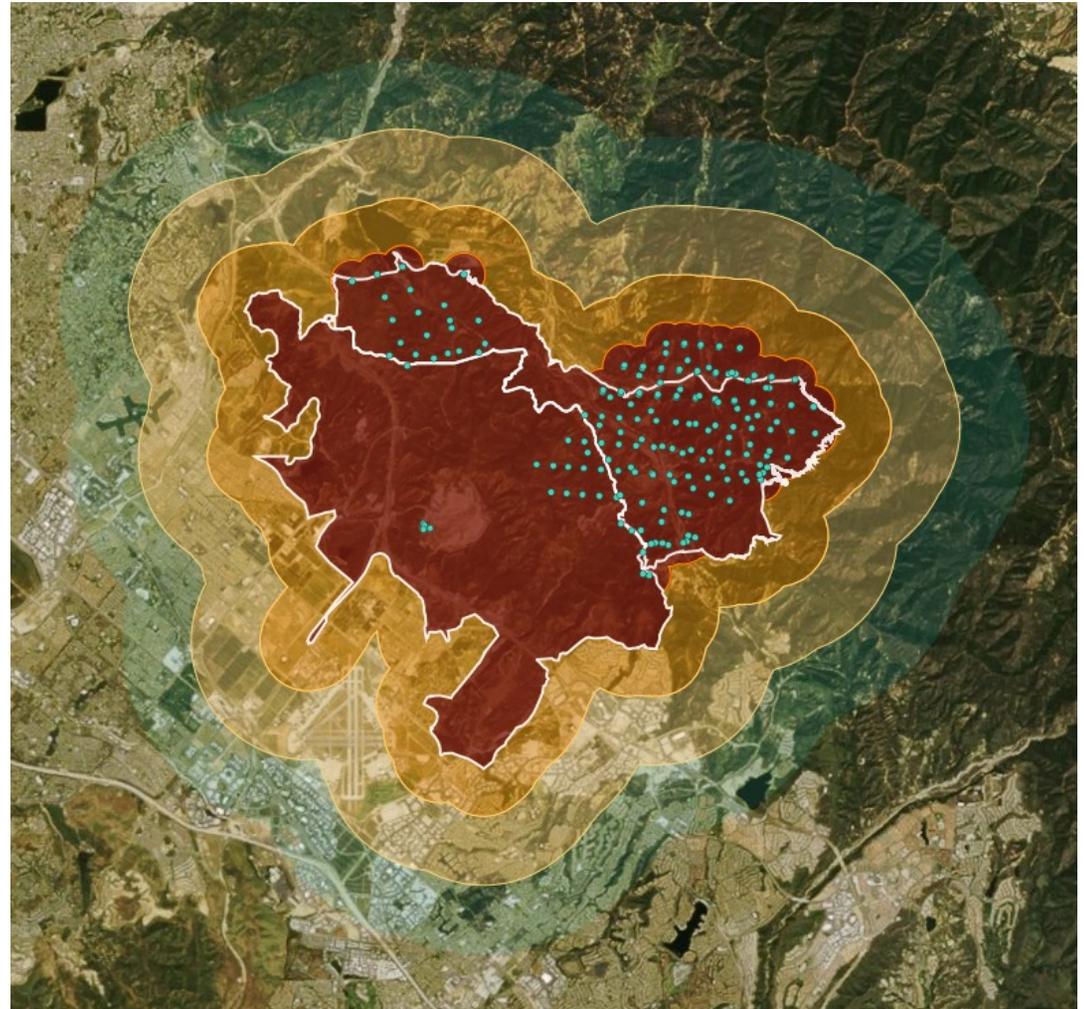
What the InciWeb data means

InciWeb is an interagency all-risk incident information management system that provides the public a single source of incident related information. We use InciWeb to determine the fire name and starting location.

What the NASA data means

The Visible Infrared Imaging Radiometer Suite (VIIRS) instrument collects visible and infrared imagery allowing SpatialKey to show fire hotspots (shown in blue). We cross reference this data with known fire locations to determine if the hotspot is fire related.

What the NIFC data means

NIFC provides near real-time information, fire perimeter data is updated daily based upon input from incident intelligence sources, GPS data, infrared (IR) imagery from fixed wing and satellite platforms. Not all wildfire events will have NIFC data available.

Learn more about wildfire data at NIFC and NASA VIIRS

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NIFC/NASA Wildfire (Continued)

Exported columns

The models you enhanced your data with will be available in exported CSV files as:

• NASA Wildfire Perimeters [Provider Version]
• NIFC/NASA Wildfire Perimeters [Provider Version]

When you download your enhanced data, look for the columns that start with the "Provider Name", then the "Peril Name", and ending with the "Provider Version". For example, "NOAA Hurricane Wind Speed MPH 1630357200".

Information on Our Process

SpatialKey does not produce wildfire data, but rather combines the wildfire data sources to allow our clients to get timely information for wildfire threats. The wildfire perimeters provided by NIFC can take days to produce, so we rely on InciWeb and NASA VIIRS information to approximate the fire location and perimeter until NIFC has data on an event.