

## Wildfire Resources (Assignment 10)

### ESRI Wildfires Hub

<https://esri-disasterresponse.hub.arcgis.com/pages/wildfires>

Manage your wildfire response with live feeds and sensor data including a list of fires sorted by the number of personnel assigned from greatest to least as reported by incident staff.

The Wildfire Aware app is intended to provide information about the current status and potential impact of wildfire incidents in the United States.

### Active Fires dashboard (ESRI)

<https://www.arcgis.com/apps/dashboards/a613e134ff914f0db9478a27fd032d83>

- Description: Real-time data showing active wildfires nation-wide. Good for visualizing and analyzing data about current fires. Likes: Displays a lot of data in a simple, navigable landing page. Great use of displaying different data fields for in-depth analyses.
- Dislikes: Data text, fields, and overall display could be more uniform and clean-up (looks sloppy).

### US Wildfires Experience Builder (ESRI)

<https://experience.arcgis.com/experience/2a1e09a3cd944e99b1eee5c86d9aa4b0/>

- Likes: Simple, Easy to Use, Organized Layout
- Dislikes: Doesn't show many layers/data for more in-depth wildfire analyses.

### DNRC Interactive Fire Map- Web App Builder (ESRI)

<https://www.arcgis.com/apps/webappviewer/index.html?id=6bea18851bec440d9260cb0d28f53281/>

- Description: General use web application for natural resource information in Montana. The DNRC Interactive Web Map is a multipurpose web mapping application designed to provide natural resource information for the State of Montana and is intended for informational purposes only.
- Likes: Interactive. Has lots of data and feature layers you can look at. Clean and Organized. Great public resource. Has tons of different layers you can toggle on/off from both state and national resources. Additionally, allows you to "Add Data" option is great for users looking to see more from Living Atlas or their own data.
- Dislikes: None. Great app!

### FIRMS (NASA)

<https://firms.modaps.eosdis.nasa.gov/map/#d:24hrs:@-72.6.27.6.3.2z>

- Description: The Fire Information for Resource Management System (FIRMS) provides access, with minimal delay, to satellite imagery, active fire/hotspots, and related products to identify the location, extent, and intensity of wildfire activity. FIRMS tools and applications provide geospatial data, products, and services to support the broader fire

management community and to inform the general public. Global data are available within 3 hours of satellite observation; U.S. and Canada active fire detections are available in real-time.

- Likes: Satellite imagery and data points. “Timeline” feature lets you go back and select the exact date(s) for the data you are looking for. Adds a nice historical use to its application. Downloadable data to JPG, PNG, GEOTIFF, and GIF.
- Dislikes: Doesn’t use ESRI 😬. Data may not be from wildfires which could affect the accuracy of your data analysis (NASA has a disclaimer stating that MODIS and VIIRS active fire/thermal anomaly data may be from fire, hot smoke, agriculture, or other sources).