



LANDFIRE

ASSESSING OFF-THE-SHELF LANDFIRE FUELS DATA; COOKS PK. FIRE FARSITE ASSESSMENT

T. Smail, USFS LANDFIRE Fuel Specialist/ C. Martin, KBR Wyle Contractor to USGS LANDFIRE Fuels
KBR, contractor to the U.S. Geological Survey (USGS) Center for Earth Resources Observation and
Science (EROS), Sioux Falls, South Dakota

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ANCILLARY DATA

- Its important to think about environmental conditions and objects that exist on site that can affect fire behavior and therefore the fuel assessment. In the case of the Cook Pk assessment the following additions were made to the LCP and ancillary files for the simulation.
 1. Operational Roads Layer: roads and trails large and small will have an affect on how a fire might spread. They may impede the spread or just slow the spread. The Operational roads layer used here along with its description is located at:
<https://www.landfire.gov/transportation.php>
 2. For background on suppression features and daily fire perimeters the Incident_Specific_Data (NIFC FTP) site was used to download the IR perimeter and heat location shapefiles. This site also has information on incident events in terms of suppression activities. The Public version of the ftp is located at:
[Index of /public/incident specific data \(wildfire.gov\)
https://ftp.wildfire.gov/public/incident specific data/](https://ftp.wildfire.gov/public/incident_specific_data/)



ANCILLARY DATA

3. Early Spring MoD-FIS - This is a seasonal fuel layer available on landfire.gov which uses the current NDVI compared to a ten-year average to estimate the abundance of herbaceous cover (or lack thereof). These fuels layers are produced 4 times a year for various parts of the SW and Great Basin in the US to gage the amount of fine dead fuels in the way of the herbaceous layer during green-up and curing.
4. Weather and wind information – There are several online sources for weather data for a local area of interest. Fire analysis and planning practitioners often use Remote Automated Weather Station (RAWS) data. These weather observations are collected many times hourly in a network of strategically located stations and their information is collected and made available by several outlets. One public source to access RAWS data is: [Fire and Weather Data Extract | Wildland Fire Application Information Portal \(wildfire.gov\)](http://wildfire.gov)



ANCILLARY DATA

5. Fuel Vegetation – Fuel Vegetation Type and Existing Vegetation Type are available from the LF Map Viewer at landfire.gov.

