

Large Fire Potential and Fire Potential Indexes

Current Conditions

Forecast

Image Archive

Data Archive

USGS

Interactive Large Fire M

Fire Potential Index 7-day Forecast

Conditional Large Fire Probability

Expected Large Fires per PSA

[Link](#)

Day [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#)

[Link](#)

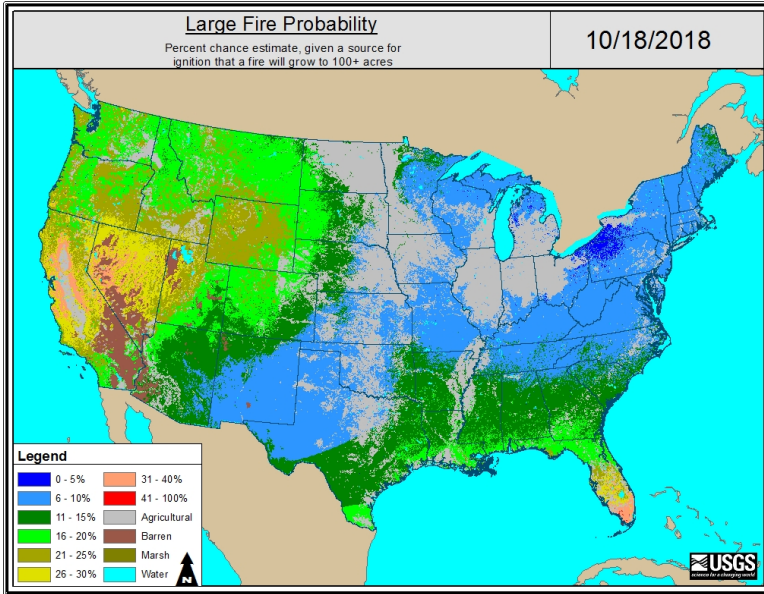
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USGS EROS, in conjunction with the USFS PSW and Bob Burgan (USFS retired), has developed several

Existing products are utilized specifically Relative Greenness (RG), the Fire Potential Index (FPI), and 7

1. **Fire Potential Index 7-day Forecast** is most similar to the Energy Release Component of the National Fire Danger Rating System (NFDRS). <http://firedanger.cr.usgs.gov/firepotential.php>
2. **Conditional Large Fire Probability** translates the FPI into a probability of significant fire. <http://firedanger.cr.usgs.gov/largefire.php>
3. **Expected Number of Large Fires per PSA** accounts for the probability of significant fire. <http://firedanger.cr.usgs.gov/expectedpsa.php>



The forecast fire potential index and large fire forecast products are described by Preisler, et al. in "[Forecasting Distributions of Large Federal-lands Fires Utilizing Satellite and Gridded Weather Information](#)".

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