LANDFIRE 2019L Executive Summary

The LANDFIRE (LF) program is working to increase the frequency of product releases and to reduce the latency of the product suite. Our goal is to produce annual versions that reflect data one year or less behind current conditions. The next version release, as we move towards that goal, will be called "LF 2019L" (LF update version 2019 Limited). Expected to be released in June of 2021, LF 2019L is being built upon the foundation of LF 2016 Remap. However, LF 2019L will be a "limited" update as it will not update all products and it will be limited in other important ways. Understanding the nature of these limitations will assist the end user to decide if LF 2019L is suitable for their needs and will help interpret any results the user may derive from modeling or other uses of the data. Note: LF 2019L does not meet the program's stated goal of annual delivery with one-year latency but it is the first step in that direction.

LF 2019L Vegetation and Fuels Product Descriptions

LF 2019L Extent-Coverage/Timing

The LF 2019L products are planned for delivery on or before June 1, 2021 and will only cover the conterminous United States (CONUS) – there will be NO Alaska, Hawaii, or Insular Areas (OCONUS) LF 2019L updated products. Production for LF 2016 Remap products in Alaska is still underway and updates to Alaska, Hawaii, and the Insular Areas will come later.

LF 2019L Disturbance

For LF 2019L, only 2017, 2018, and 2019 disturbances submitted directly to LF or to national data bases (FACTS, NFPORS) by December 31, 2019, are included in LF 2019L product updates. LF also included all available fire program data (MTBS, BARC, RAVG) that became available during the production window. No remote sensing change detection methods were used to locate additional disturbances not supplied by other programs or organizations.

LF 2019L Vegetation (EVC, EVH)

- LF 2019L vegetation products for pixels not mapped as disturbed by LF from 2017–19 will not be different from LF 2016 Remap vegetation— there is NO CHANGE to these vegetation products. Note that this includes LF 2016 Remap pixels with EVT in one of the "Recently Disturbed" categories
- LF 2019L vegetation products for pixels mapped as disturbed by LF from 2017–19 are transitioned to estimate 2021 vegetation cover and height in the LF 2019L version. Disturbances from 2020 and 2021 are not included in LF 2019L

LF 2019L Fuels (FVT, FVC, FVH, FBFM13, FBFM40, CBD, CBH)

- LF 2019L fuel products for pixels not mapped as disturbed by LF from 2011–19 will be carried forward from LF 2016 Remap fuels---there is NO CHANGE to these fuel products
- LF 2019L surface and canopy fuels products for pixels mapped as disturbed by LF from 2011-19 are based on rulesets applied to pre-disturbance vegetation conditions denoted Fuel Vegetation Type, Fuel Vegetation Cover, and Fuel Vegetation Height
- LF 2019L fuel products for pixels mapped as disturbed by LF from 2011–19 have been made capable for the 2021 effective year and are transitioned to estimate conditions in 2021. Disturbances from 2020 and 2021 are not included in LF 2019L