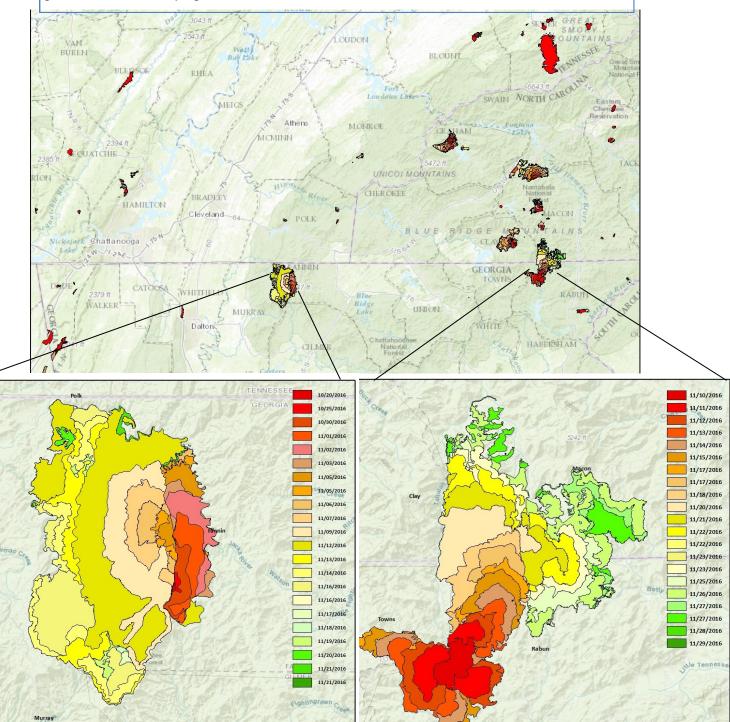
## Wildfires of November 2016

During the month of November, the Southeast experienced several days of wildfires that affected  $PM_{2.5}$  levels across the region. The following maps depict the location of fires in north GA, and nearby in TN, SC, NC, and AL. The two maps below show a closer view of the two bigger fires that impacted GA. The colors give a visual of the date progression.



Sources: Esri, HERE, DeLorme, Intermap,

Community

increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, Mapmylndia, © OpenStreetMap contributors, and the GIS User.

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In the following graphs, the PM $_{2.5}$  ambient monitoring data is shown in more detail for November. The first graph shows the daily Air Quality Index (AQI) for PM $_{2.5}$  data for each metropolitan area (MSA). Several monitors were affected from November 9th through November 17th, and had PM $_{2.5}$  concentrations that reached into the "Unhealthy" category. The second graph reflects the 24-hour averages of the regulatory FRM PM $_{2.5}$  data for November. The red line depicts the daily standard of 35  $\mu$ g/m $^3$ . While the PM $_{2.5}$  data was affected by the wildfires and there were 24-hour averages above the daily standard, Georgia continued to be below both of the PM $_{2.5}$  National Ambient Air Quality Standards for 2016.

