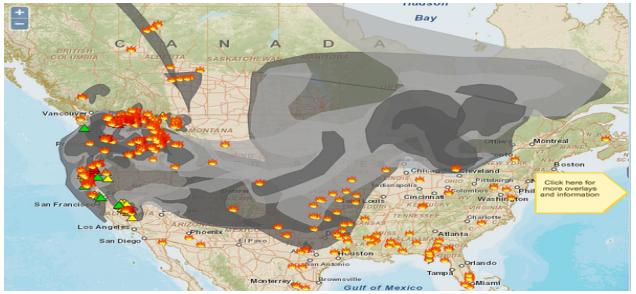
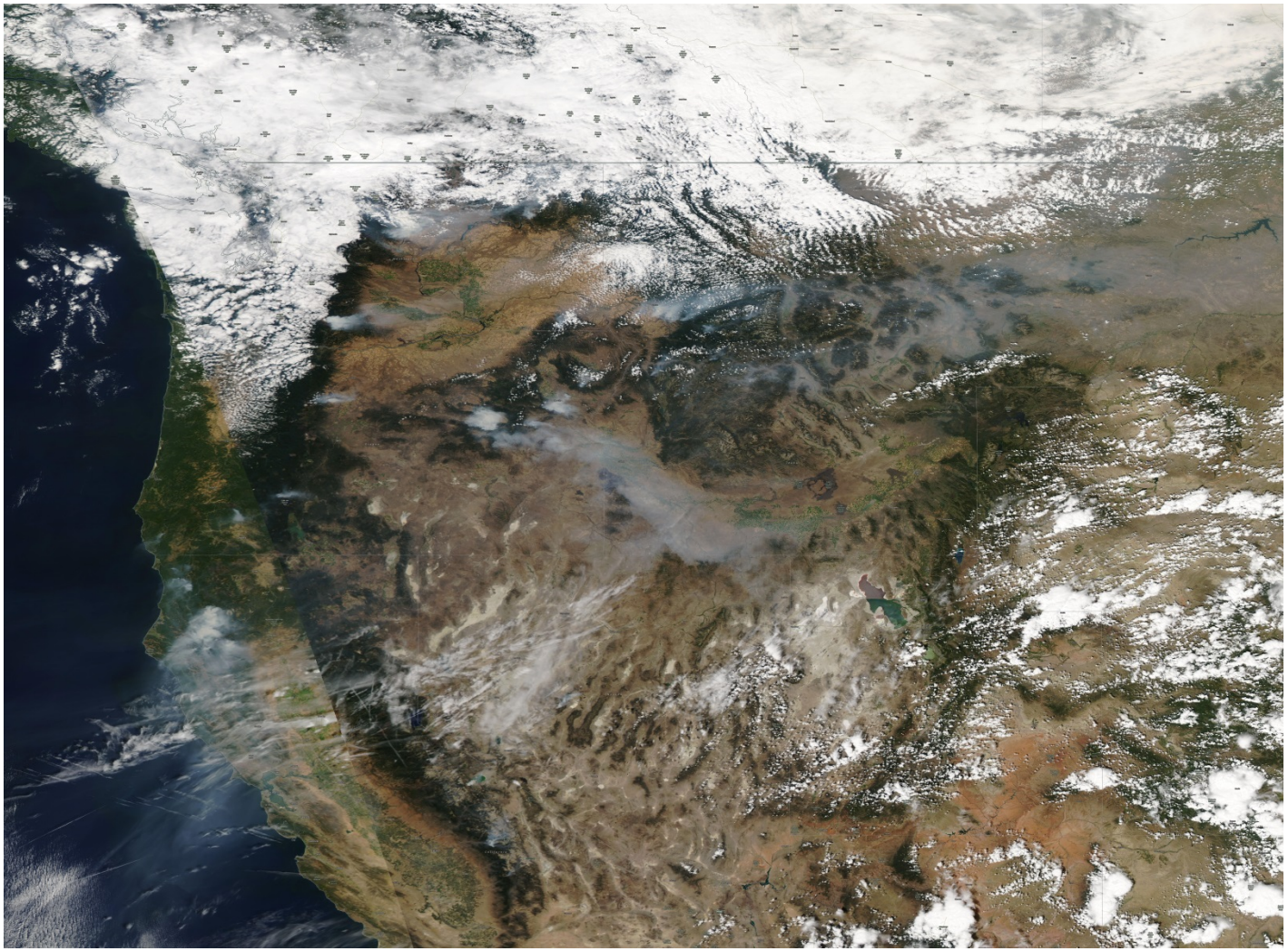
# Pacific North West Fires
# Case Study
# August 15-25, 2015

# Background

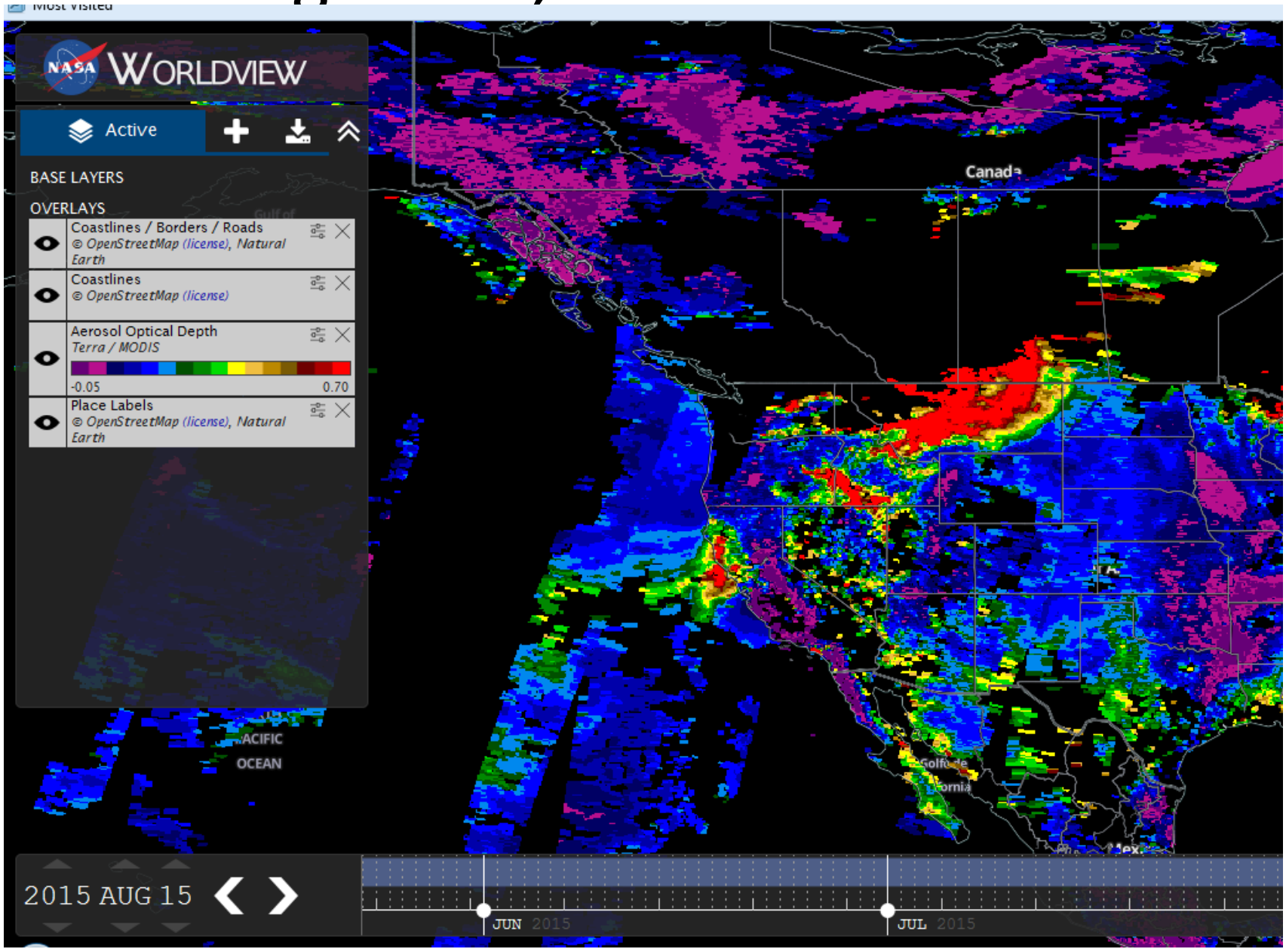
- Ongoing wildfires in the Pacific Northwest since late July 2015
- Fire size spanning more than 200,000 acres



# Aug 15 RGB



# August 15, MODIS Terra AOD



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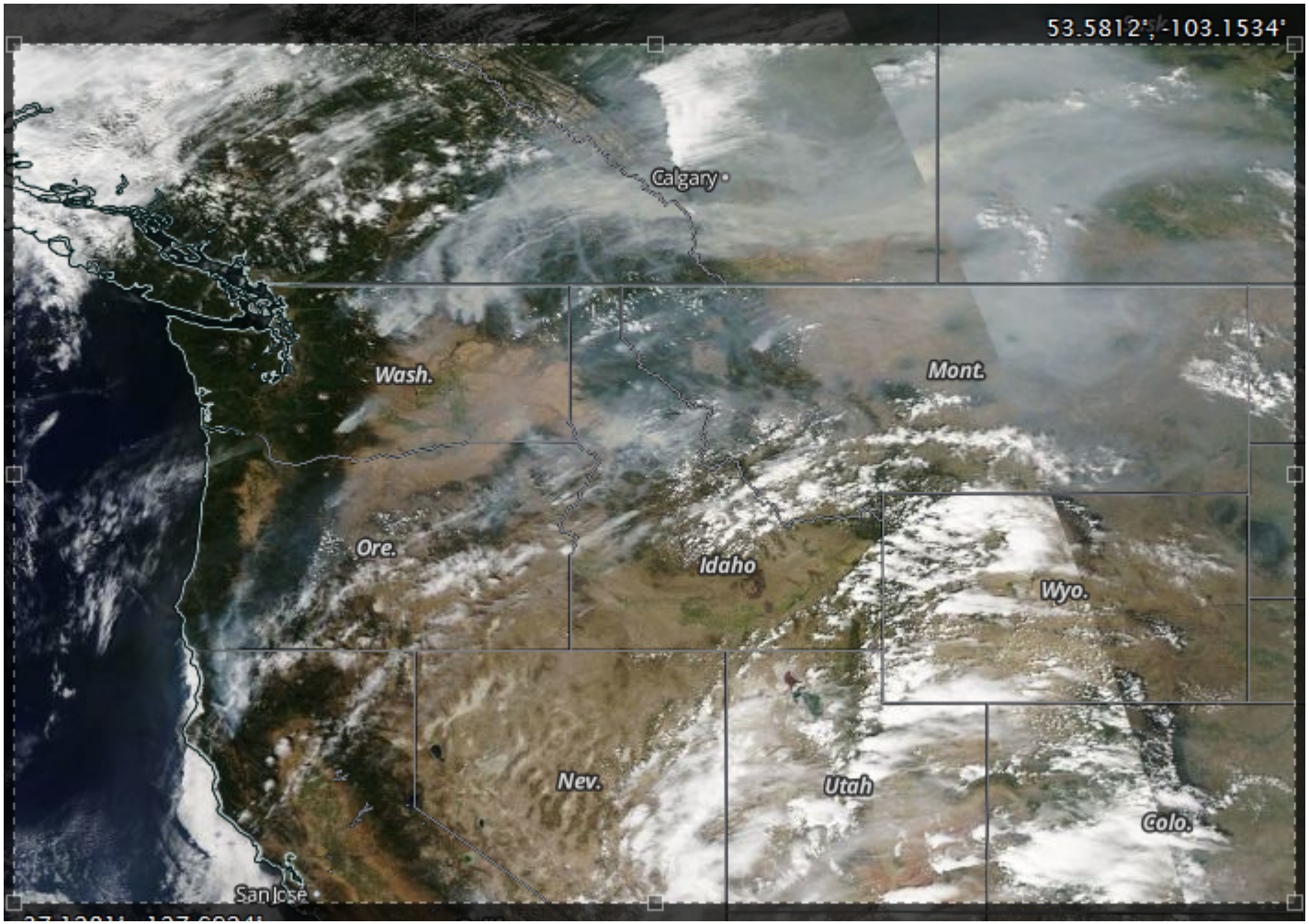

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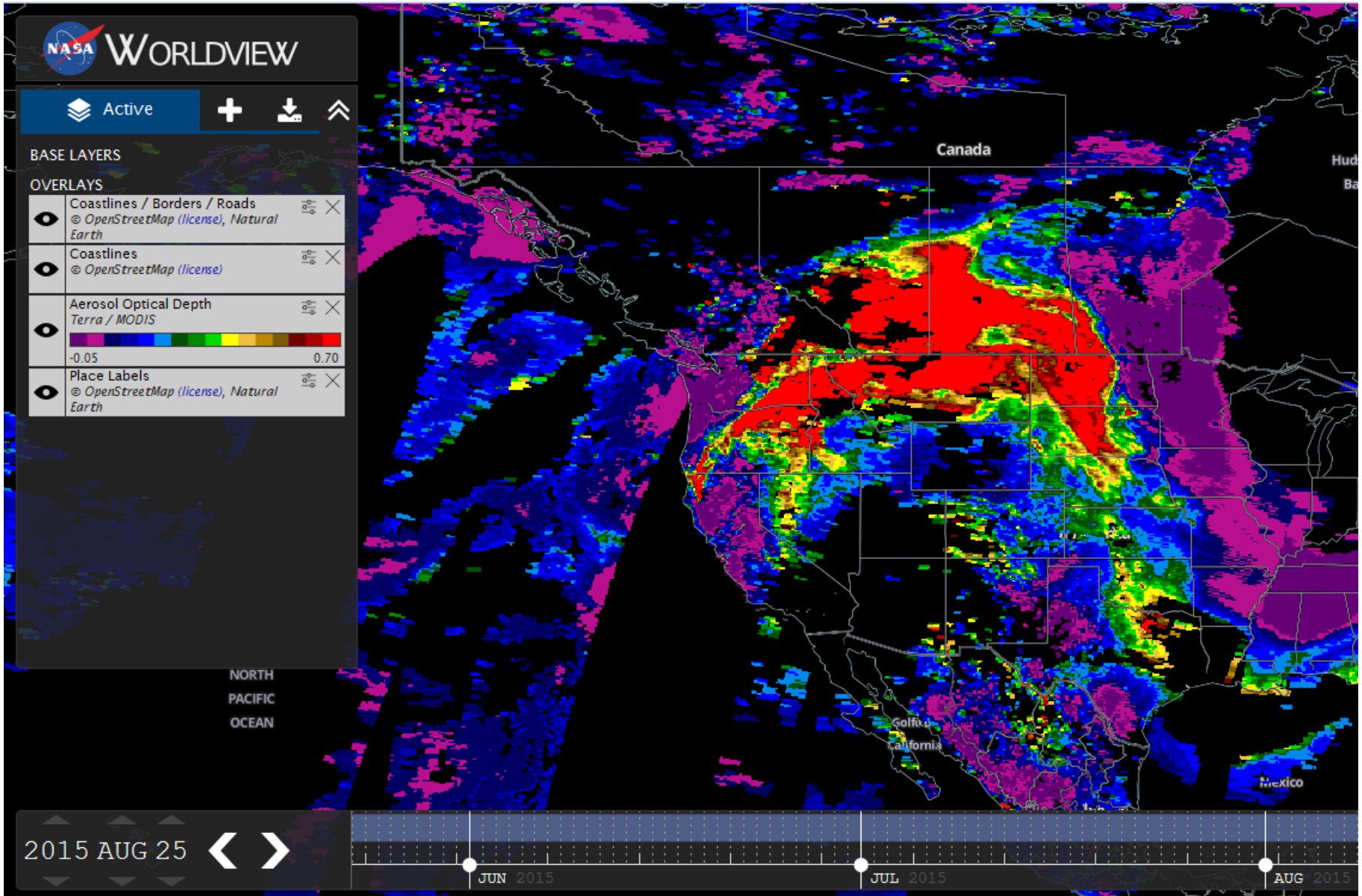
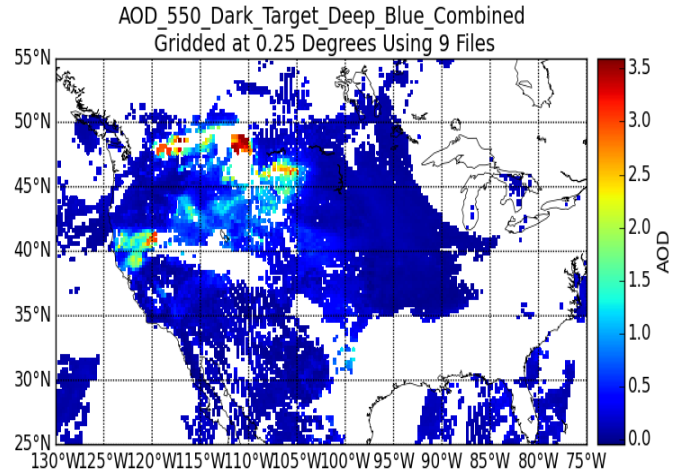


2015/08/15

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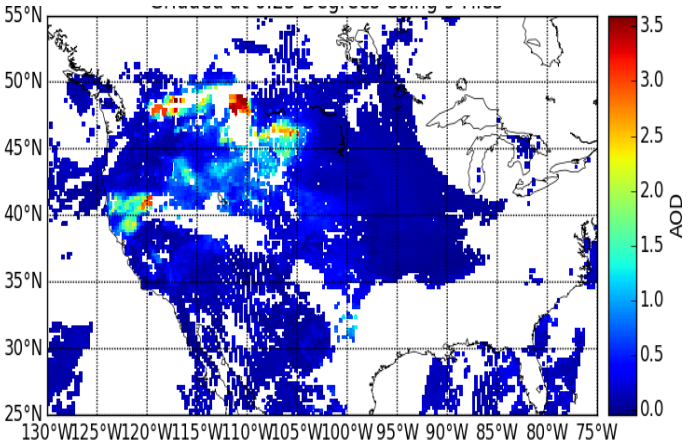


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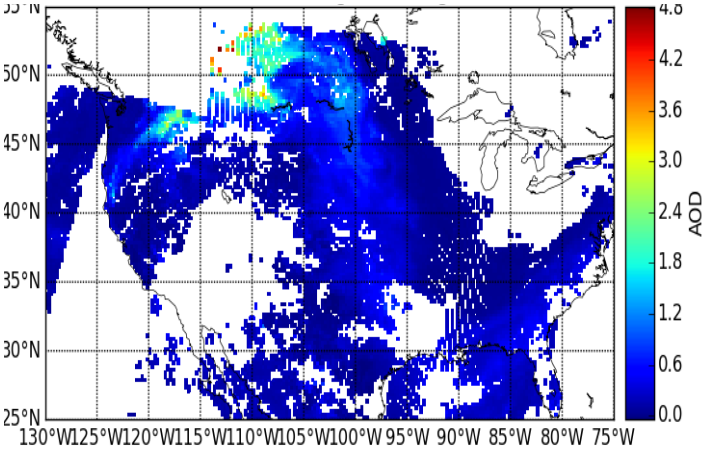
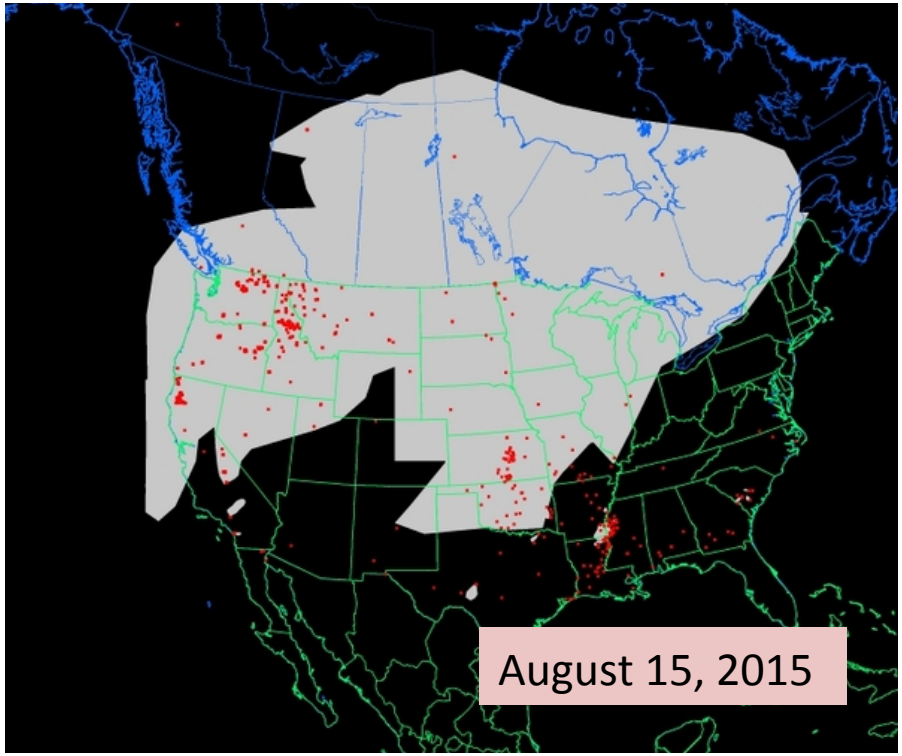
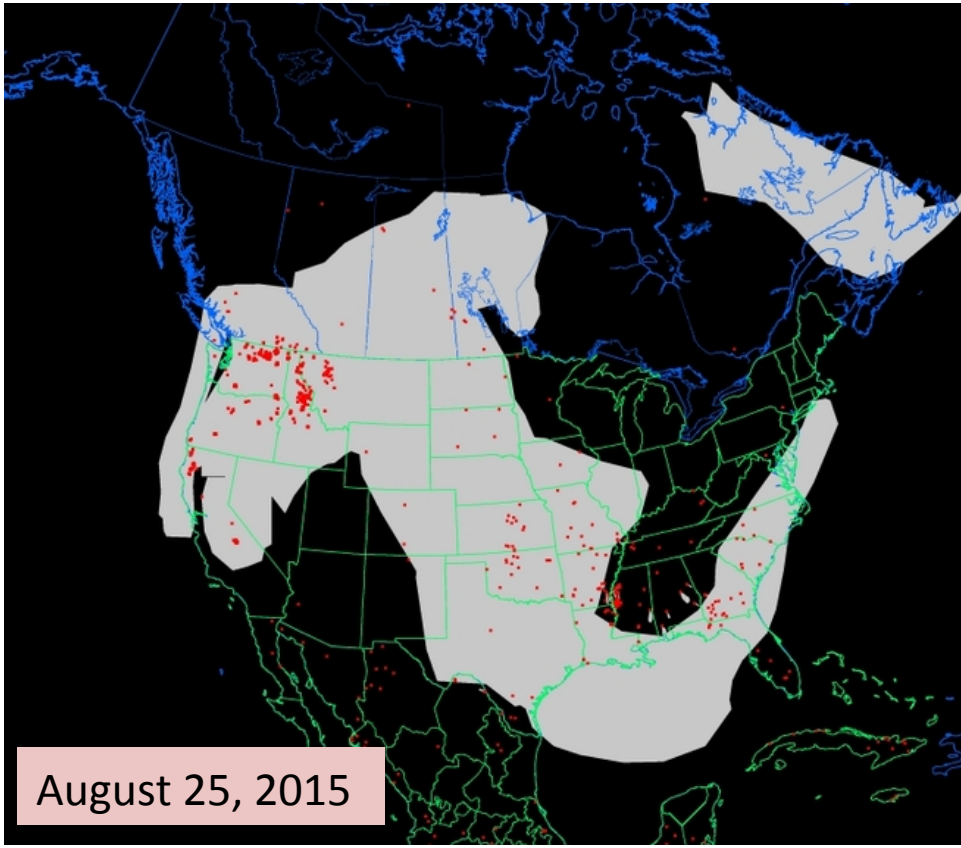



MODIS Terra AOD Plotted from HDF files using Python

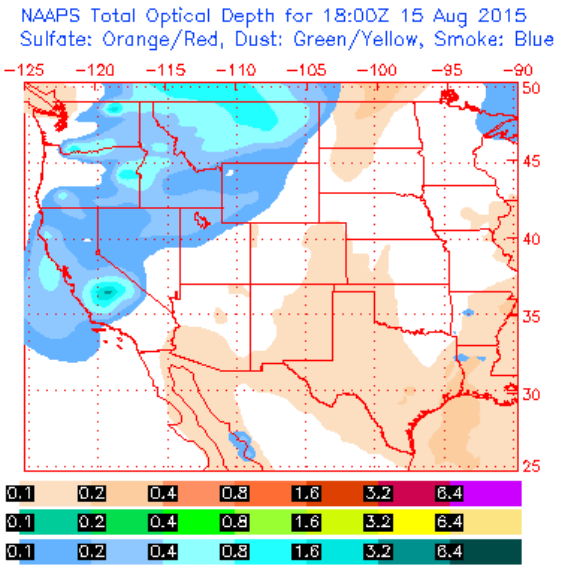
# HMS Fire Detection



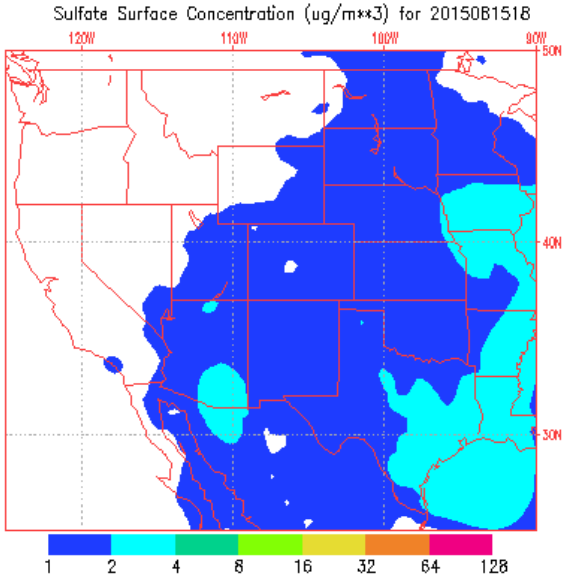



# NAAPS Aug 15

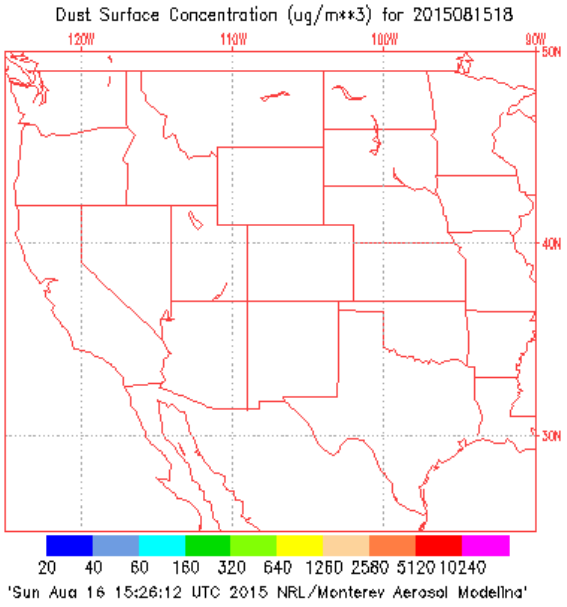
AOD



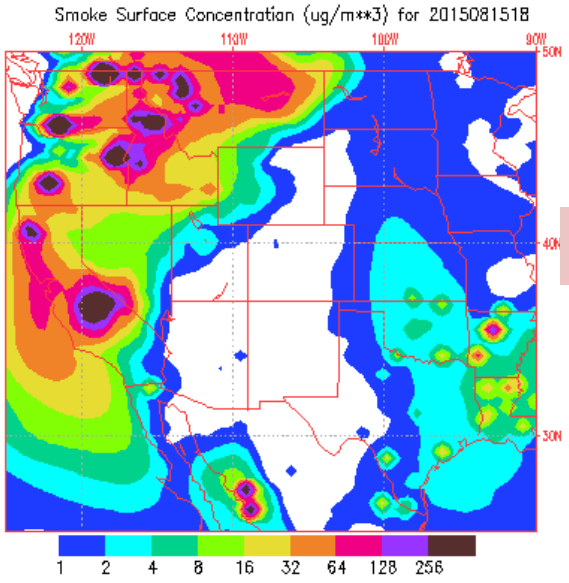

Sulfate




Dust

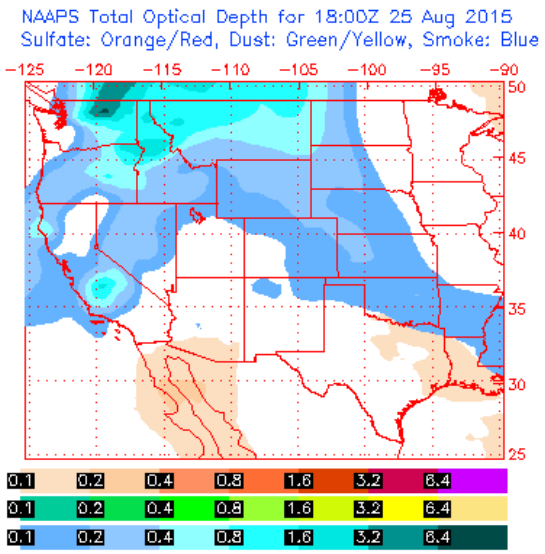



Smoke



# NAAPS Aug 25

AOD

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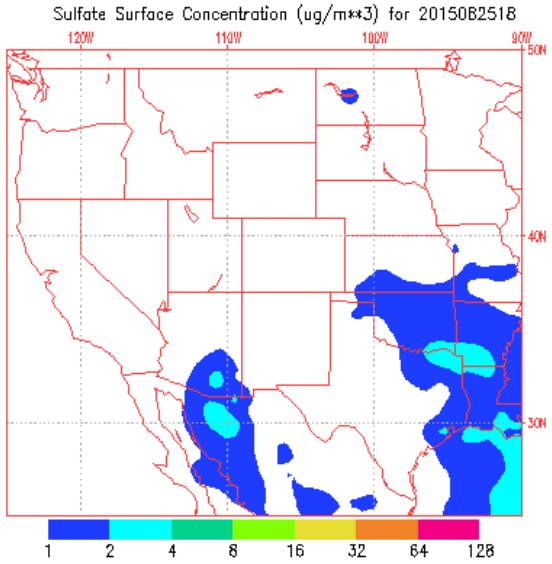
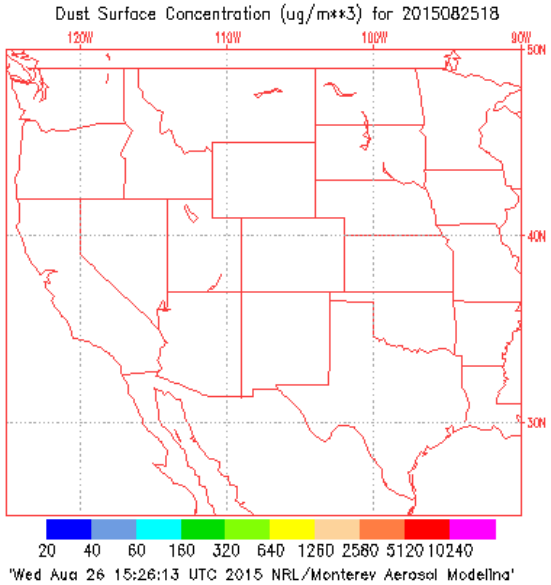
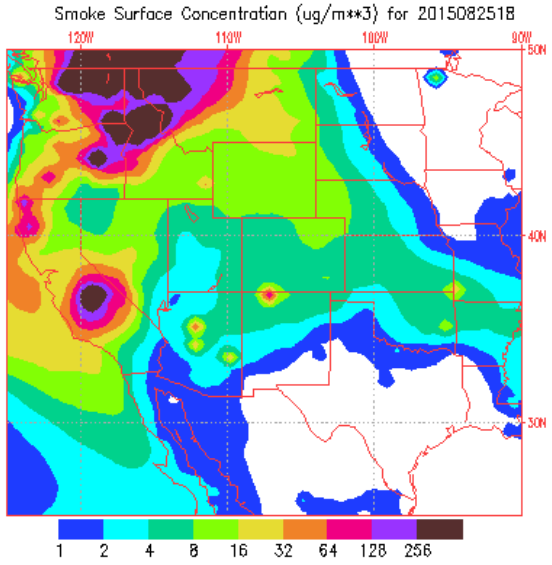


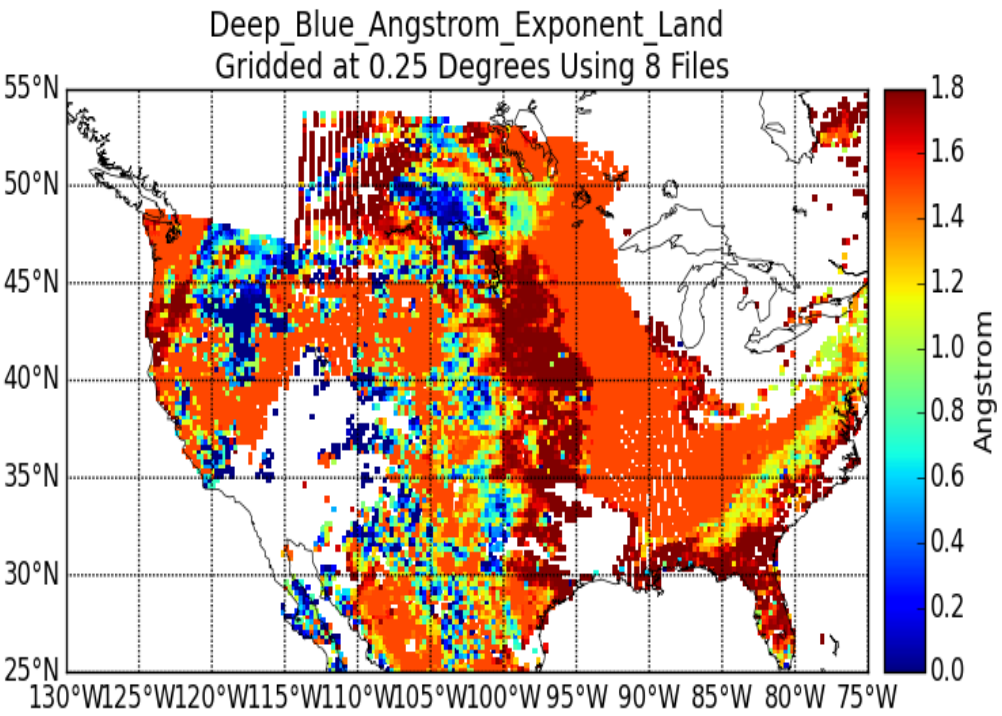

Dust




Smoke

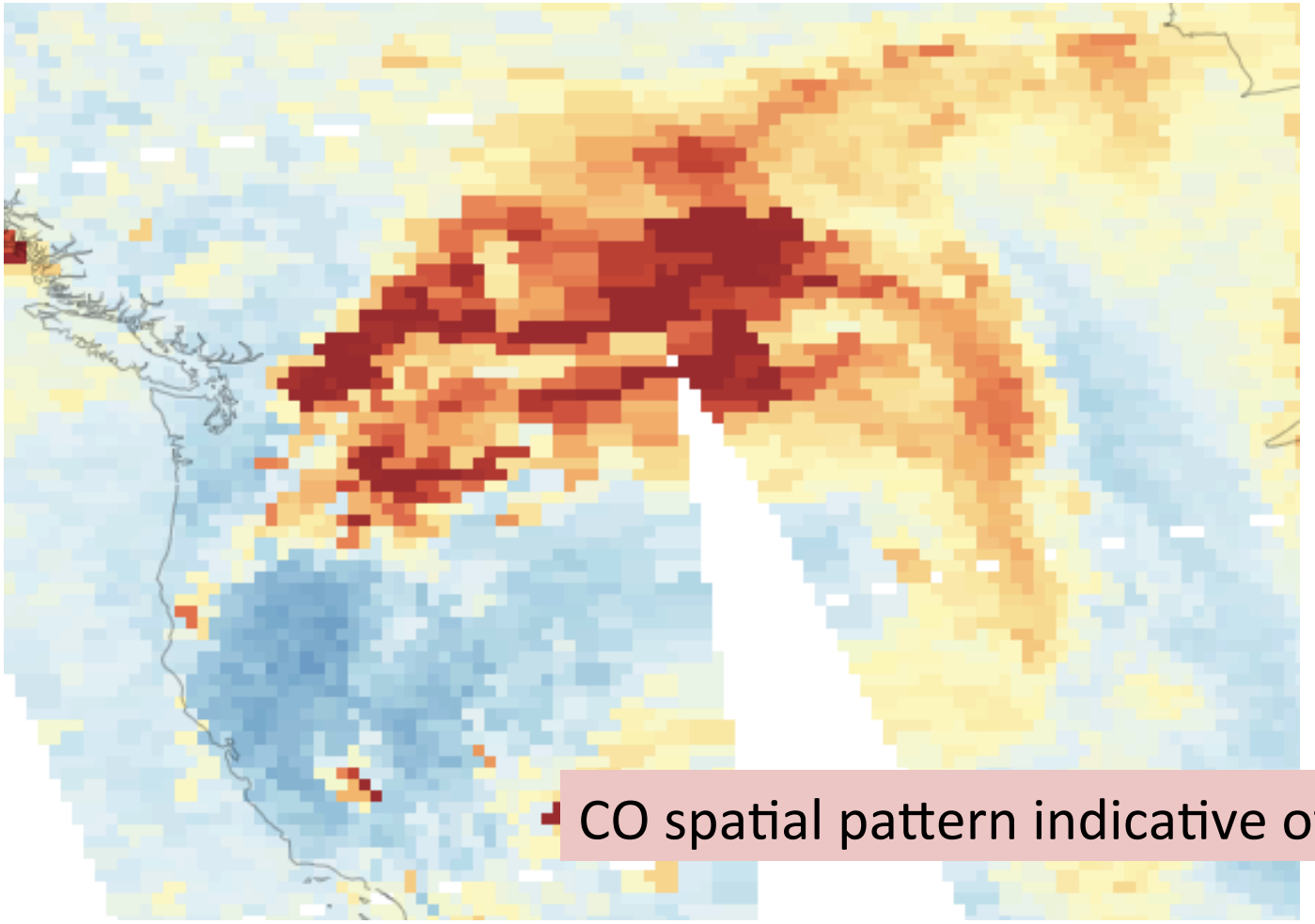


# Angstrom



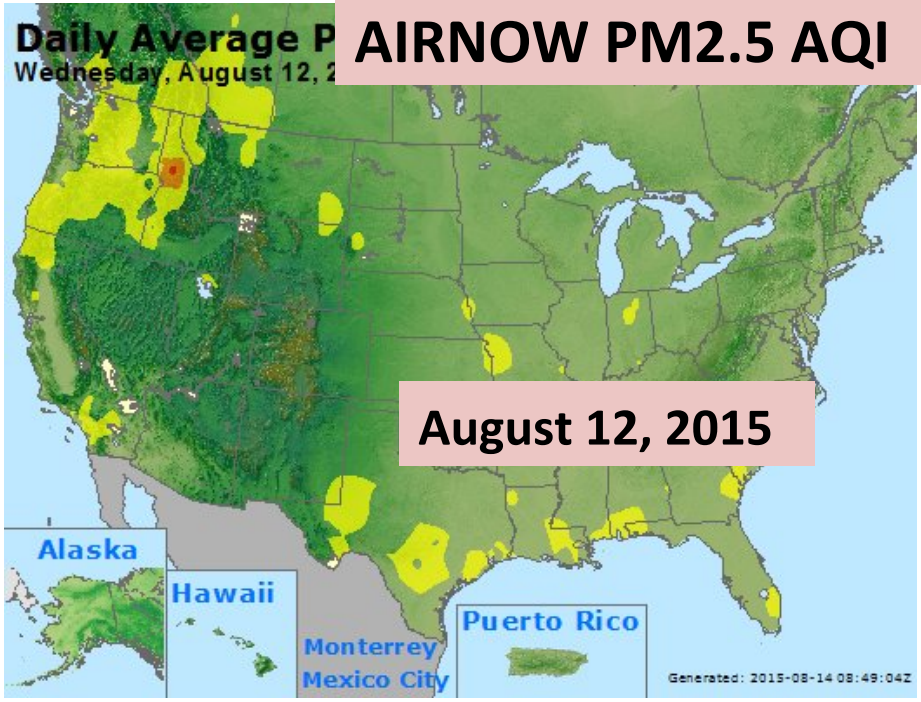

2015/08/25

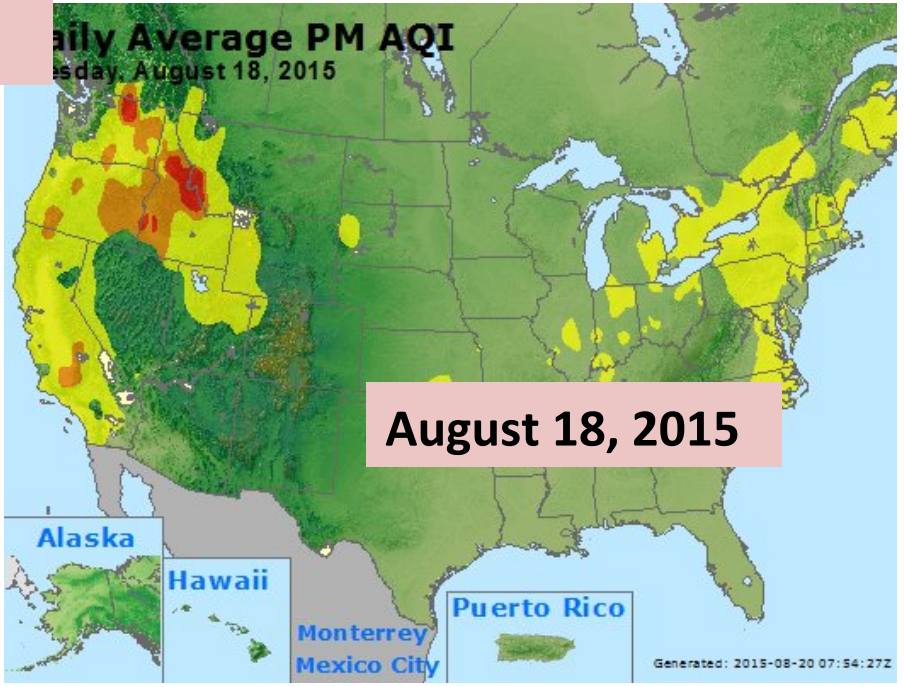
# AIRS CO – 8/25/2015

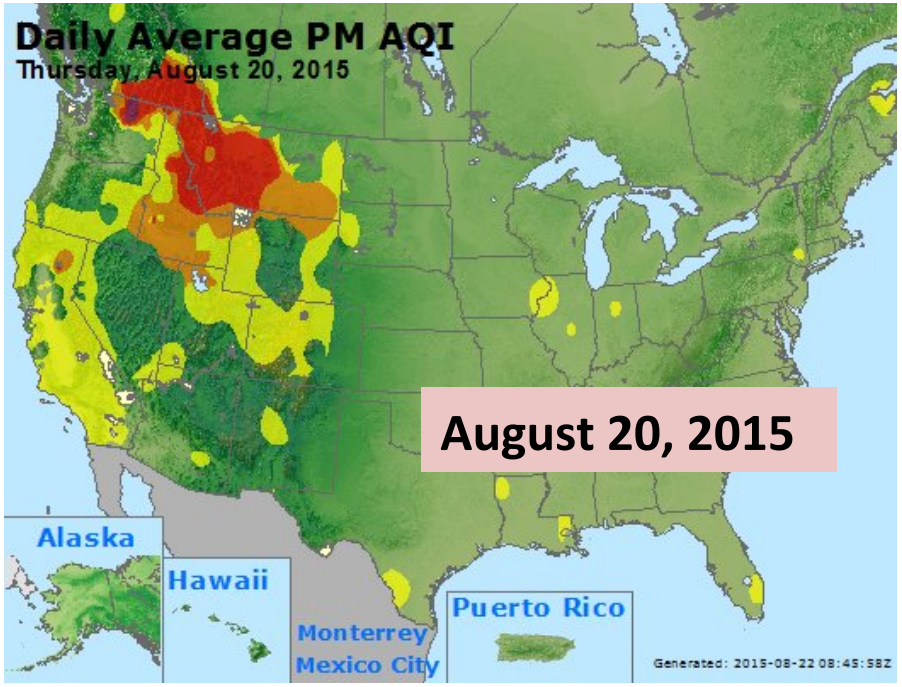


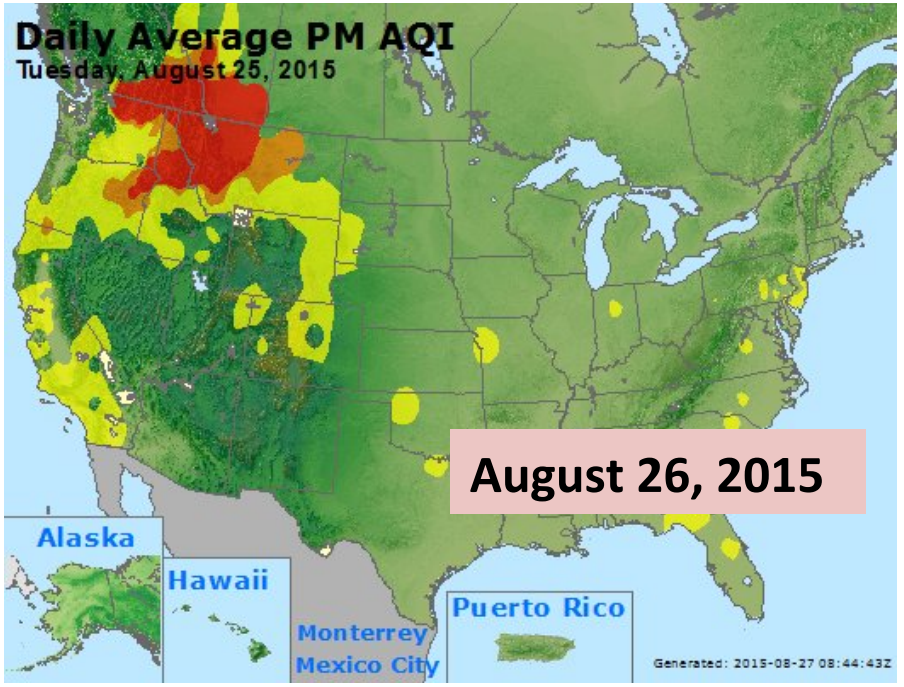
CO spatial pattern indicative of smoke

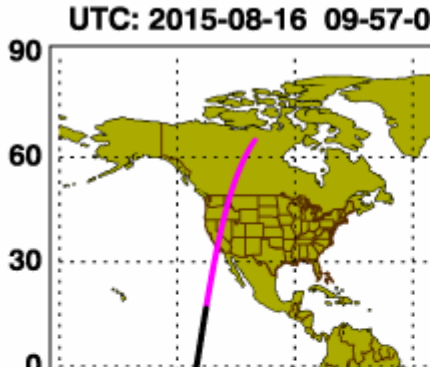
# AIRNOW PM2.5 AQI



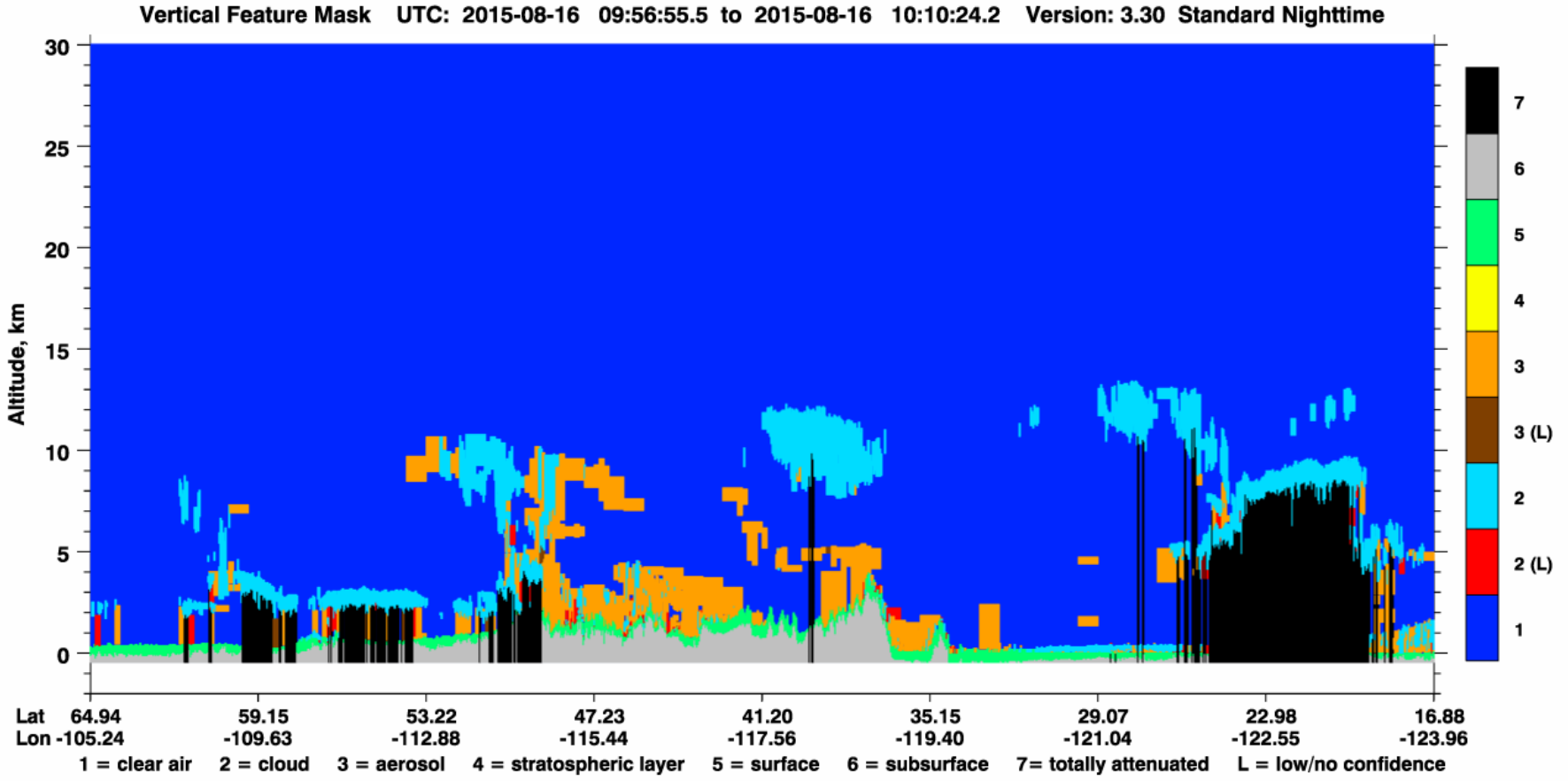



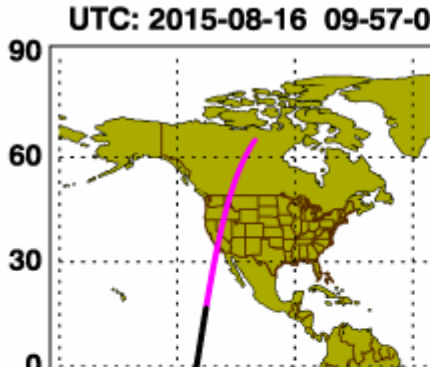






# Aug 16 CALIPSO



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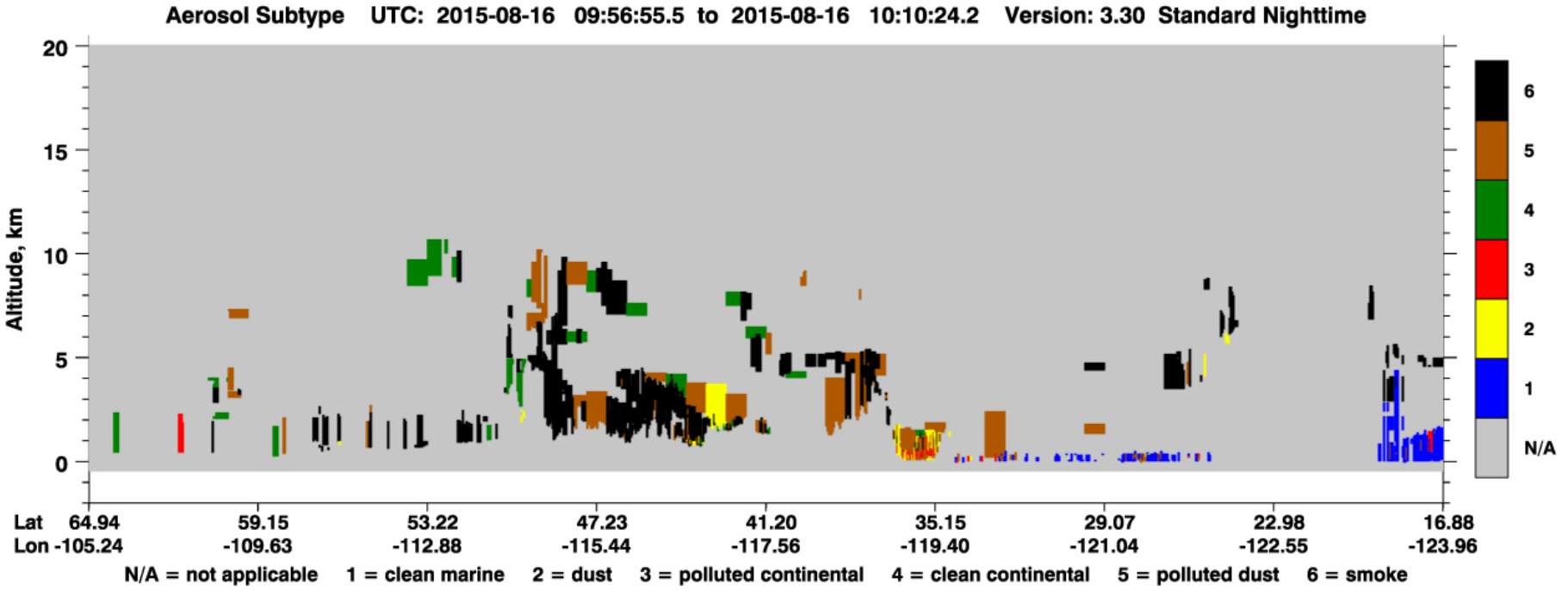

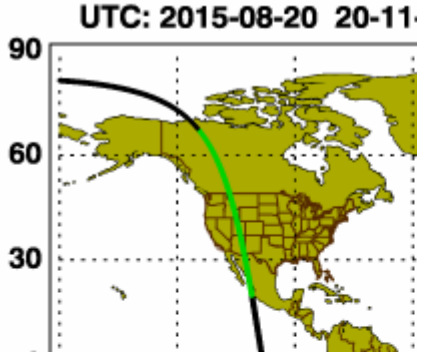


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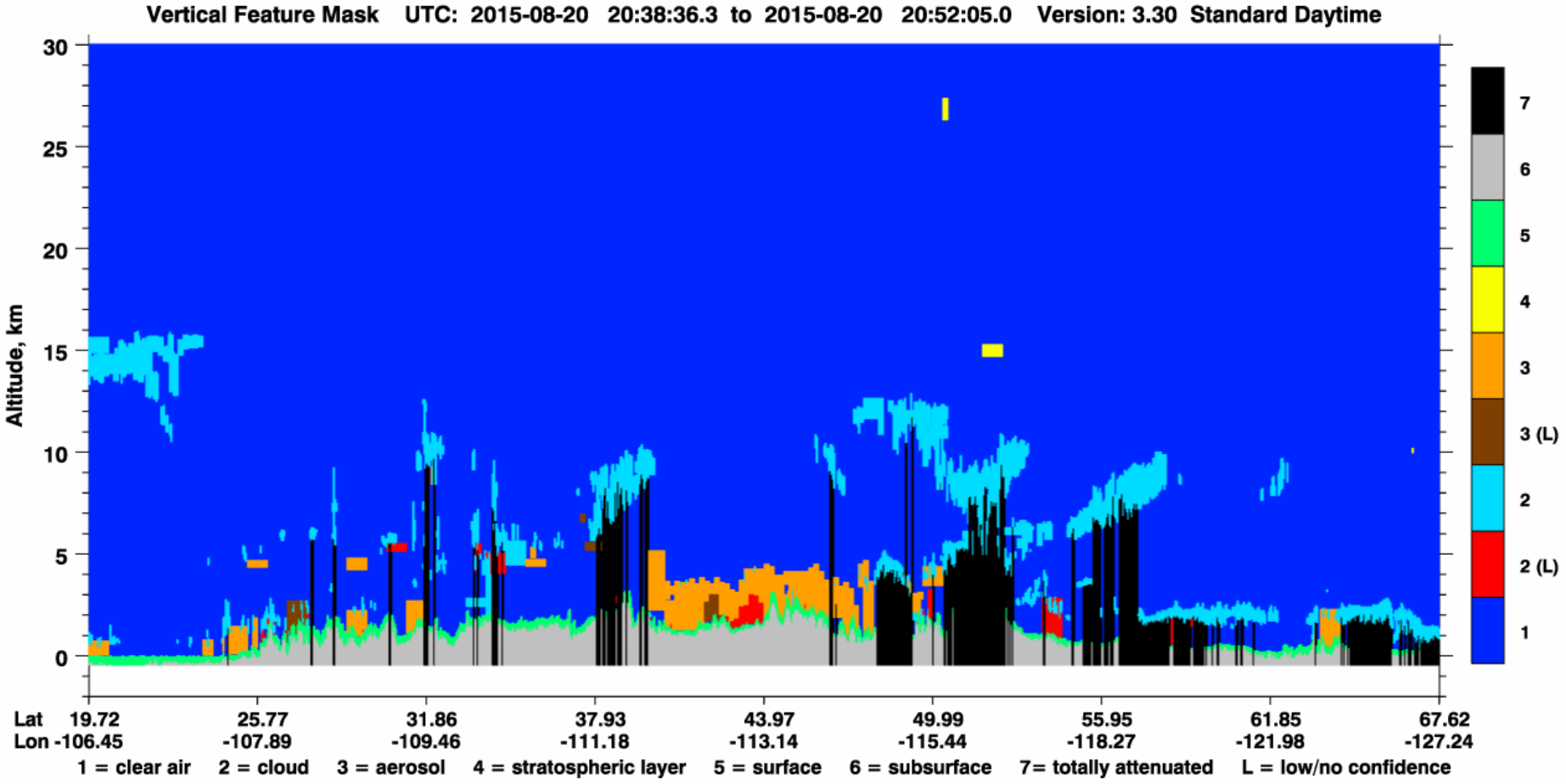

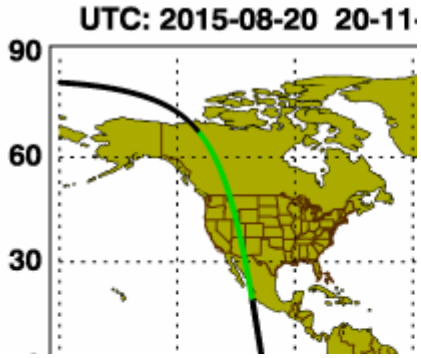


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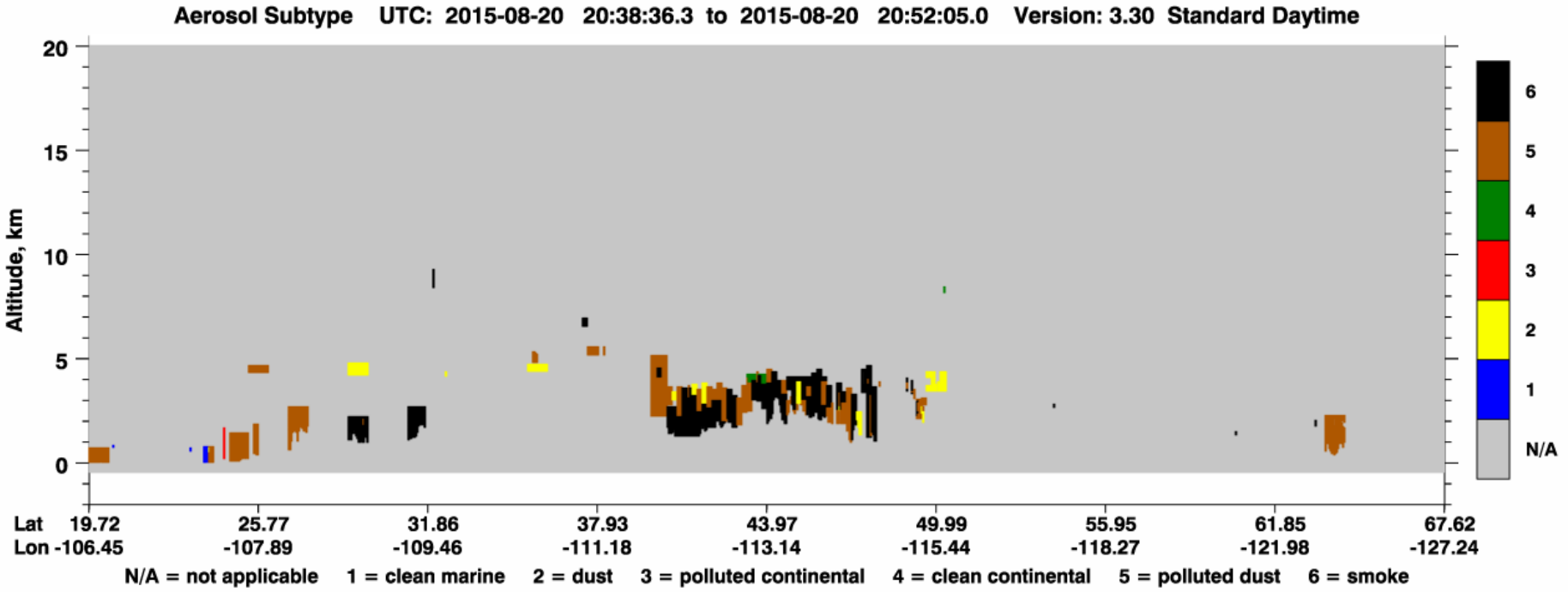

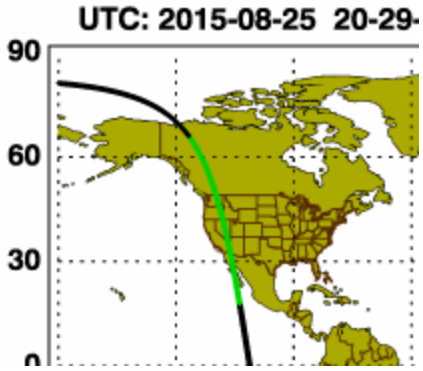


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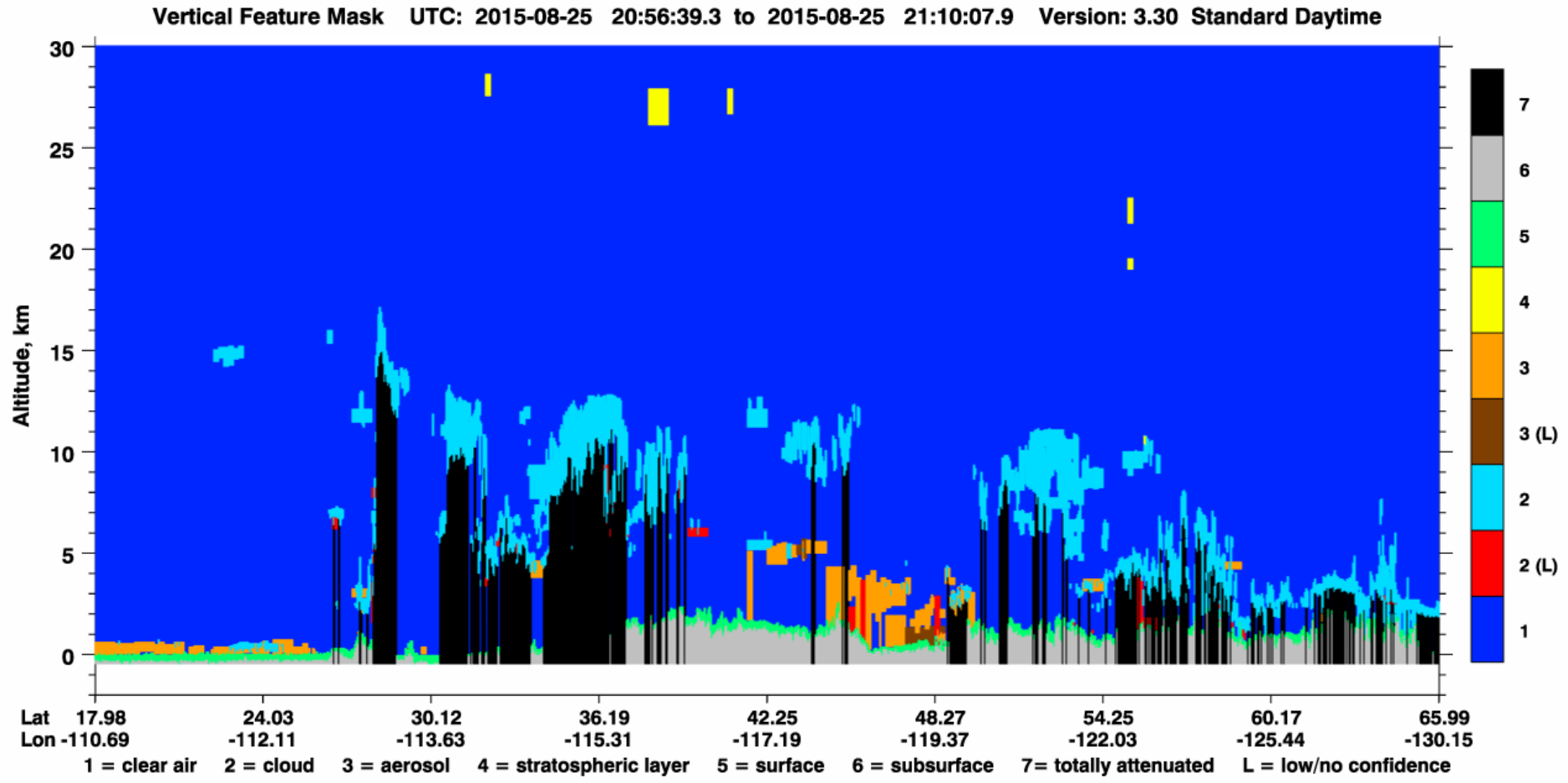

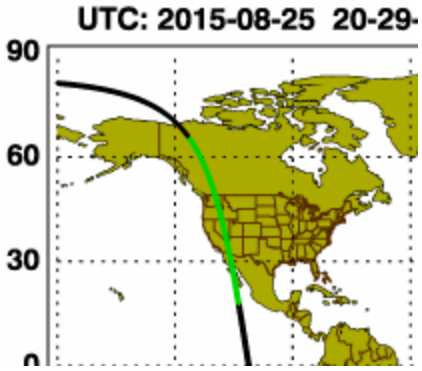

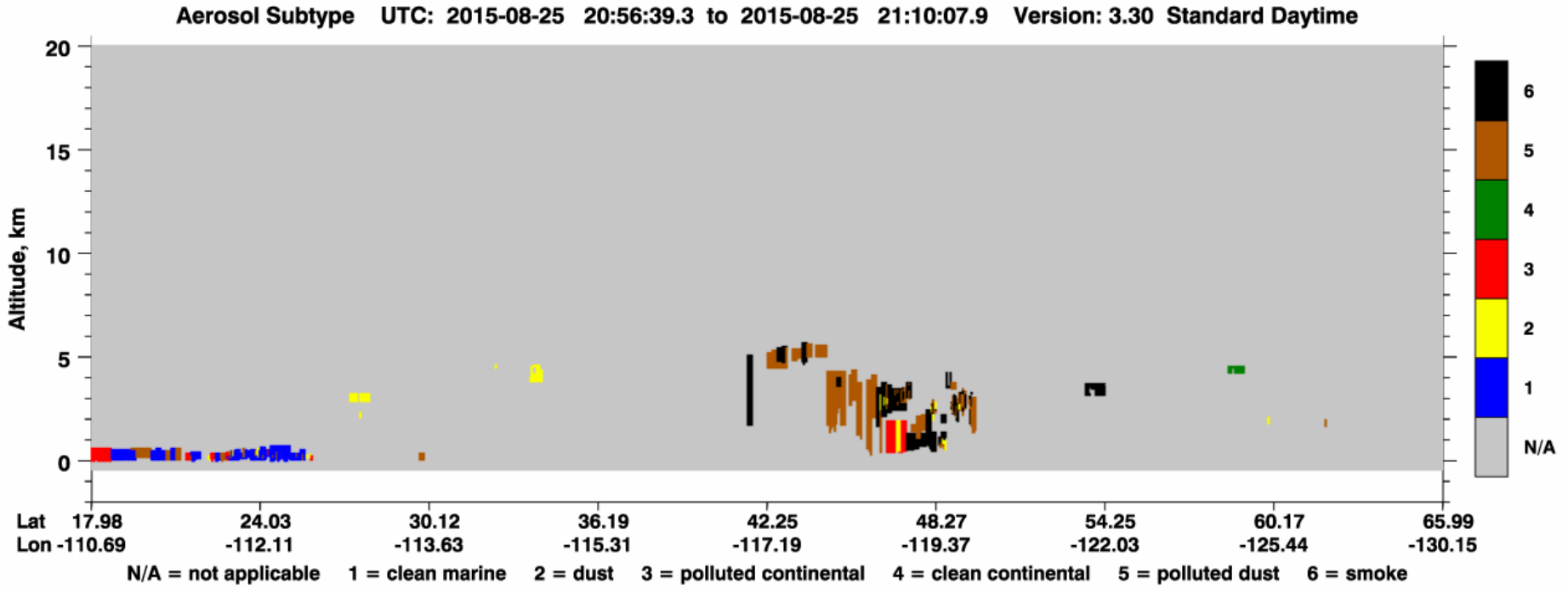
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