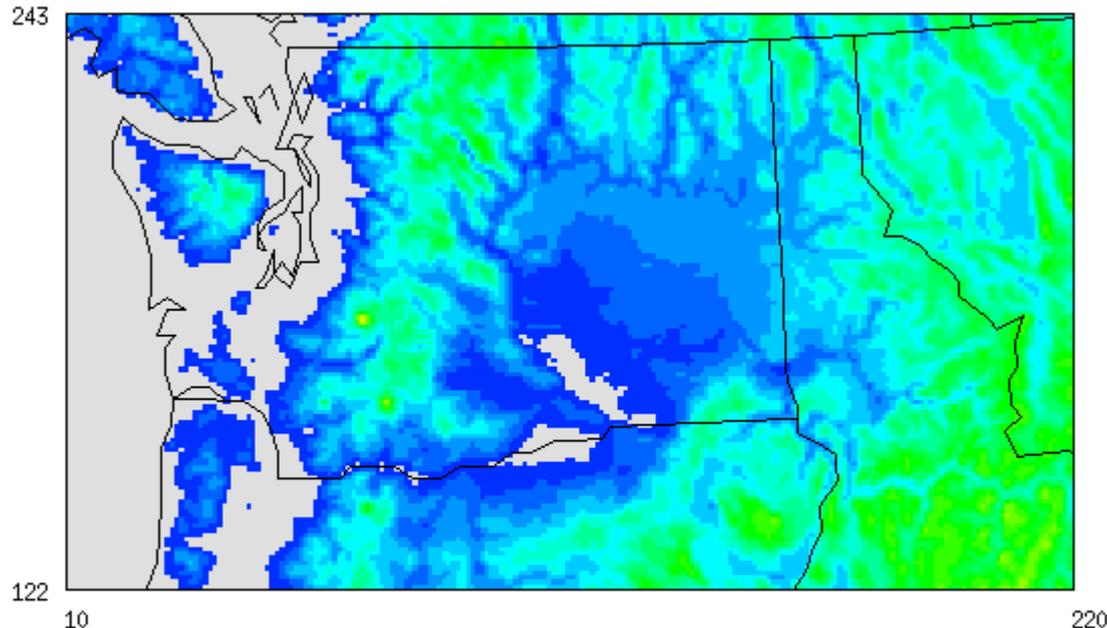


4/3 km AIRPACT Modeling Progress

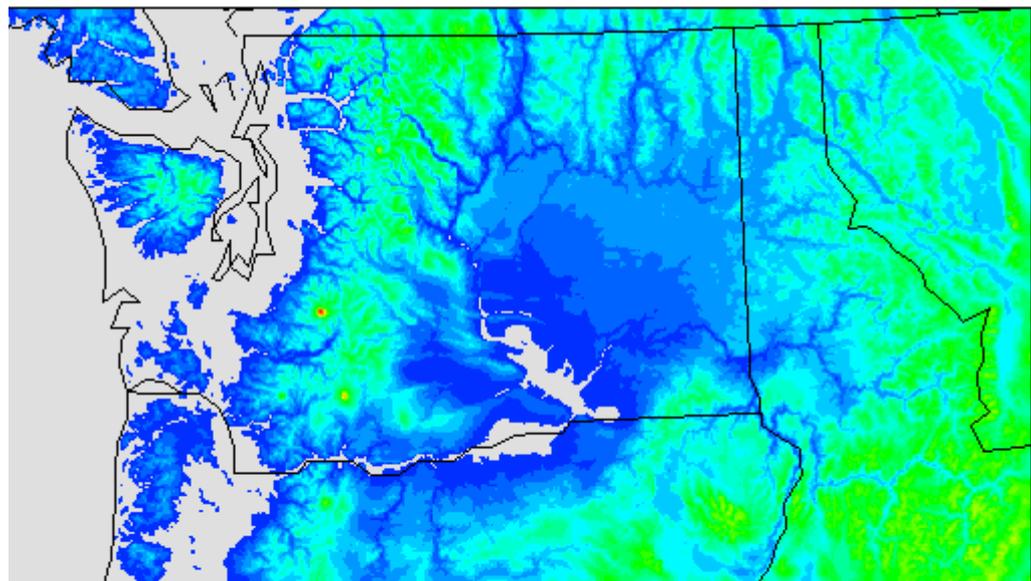
4/3 km AIRPACT

Current Status:

- ❖ WSU has working MCIP process working
- ❖ ECY completed processing of new surrogates for most SSC codes
- ❖ Setup scripting space for 4/3 km work on aeolus
 - Using SMOKE v3.5.1
 - Same setup as AIRPACT5
 - Tested New Surrogates Successfully
 - Non-temporal steps
 - Ready for hourly emissions
- ❖ Change of 4/3 km domain in Nov 2016
 - Each unique domain requires separate processing but can use the same surrogate files



June 14, 2017 8:00:00
Min= 0,000 at (10,122) Max=2906.36 at (72,178)



August 31, 2016 13:00:00
Min= -0,000 at (46,360) Max=4113.10 at (271,170)

4/3 km AIRPACT

4/3 km Surrogates with Updated Inputs:

- ❖ Roads – new data from WA and OR
 - ❖ All roadway types – VMT from Dept. of Transportation (2015)

4/3 km Surrogates Reprocessed:

- ❖ Population, Housing, Residential Heating, Railroads, NLCD, FEMA-HAZUS, Gas Stations, Airports, Ports/Shipping, Golf Courses, WWTP, Drycleaners, etc.

4/3 km Surrogates Not Yet Reprocessed:

- ❖ SECA, Commercial Timber
- ❖ Combinations
 - RWC 165 (ACS + NLCD)
 - Golf Courses + FEMA-HAZUS
 - Refineries + Gas Stations
 - Mines / Quarries

4/3 km AIRPACT

4/3 km Projects:

- ❖ Urbanova (Spokane)
- ❖ Yakima and Wallula Maintenance Plans Emissions Mapping (Surrogate Use Only)
- ❖ Quincy Community Diesel PM_{2.5} Assessment (Surrogate Use Only)
- ❖ Others? Requests from other states?