Air Quality Forecaster Focus
Group Workshop Summary

September 9-10, 2014
Silver Spring, Maryland
AQ Forecaster feedback

• More than 45 participants: in-person and remotely via a webinar. Participants include state and local AQ forecasters, EPA, Environment Canada and NOAA AQ implementation team

• AQ forecasters use NOAA’s AQ predictions in issuing AQ forecasts for their respective areas

• Few high-ozone events in the Eastern US in 2014

Issues to consider

- Ozone overprediction near the coast (e.g. 4 km resolution, different interpolation, altitude at which emissions are inserted in the model)
- Ozone overprediction under humid conditions (e.g. reduced radiation under hazy conditions, marine emissions, chemistry)
- Extending ozone predictions to days 3 and 4
- Updating emissions (e.g. NEI, Canadian, marine)
- Test bias correction for PM2.5 and ozone
- Refine levels on PM2.5 graphics at low range (e.g. 6, 9, 12, 15, 18 ug/m³)
Additional feedback sought

• Looking forward to evaluation of experimental ozone, smoke, dust and developmental PM2.5 prior to implementation of updated models
• Looking forward to comments on the proposed new display of AQ predictions