Air Quality Forecaster Focus Group Workshop

College Park, MD

September 27-28, 2017

Summary of feedback

- AQ forecasters use CMAQ ozone and PM2.5 predictions
- Changes from last year: improved predictions for NC, MD, SC, GA, FL, CT
- Ozone levels decreased, local plumes are more important
- Issues with representation of convection, boundary layer venting, coastal effects, local topography
- Ozone impacts from humidity
- Need to update emissions; include impact of wildfires on ozone; dust
- Extension of predictions to 72h is endorsed to provide day-to-day trend, issue forecasts for 3-5 days, issue forecasts for weekends (MD, AZ, NC, NV, AL, MS, CT)