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)