

DISCOVER-AQ Outlook for Tuesday, July 26, 2011

A frontal system will make its way through the region overnight today bringing periods of shower and thunderstorm activity. Clearing is expected by morning, with a much drier day tomorrow. Dew points are expected to drop from the 70s today to the upper 50s by tomorrow afternoon. Much cleaner air (both for ozone and aerosols) will also be the case for the next couple of days. Conditions look fine for flying on both Tuesday and Wednesday. Longer term, winds shift back to southerly on Thursday with increasing humidity and pollution. However, we need to keep watch of deep convective activity over the upper Midwest on Wednesday and Wednesday night which may bring upper level convective outflow our way on Thursday. Friday is expected to continue the hot, humid, more polluted conditions with the possibility of increased clouds and greater risk of thunderstorms in the study area by Saturday and Sunday as the next frontal system approaches.