

Observations re: Summer 2006 NOAA ozone forecasts

(1) Subjective assessment of observed ozone vs forecast performance

While predictions were good overall, 7/19 Unhealthy levels were under predicted for St. Louis and Kansas City. Improvement in isoprene handling should help in Missouri and other high biogenic isoprene states. Underprediction still occurred on 8/17 (Kansas City and St. Louis) and 8/18 (St. Louis). There also appears to possibly be some discontinuity in isopleths in the middle of the state. Question whether that is influenced by the lack of samplers in this region.

Observations re: Summer 2006 NOAA ozone forecasts (2)

(2) Brief weather summary

This appeared to be a fairly typical ozone conducive summer in Missouri, although the Kansas City area may have had a bit more propensity for extreme ozone than normal on July 19. Overcast conditions several days in St. Louis limited what might have been a more intense ozone season.