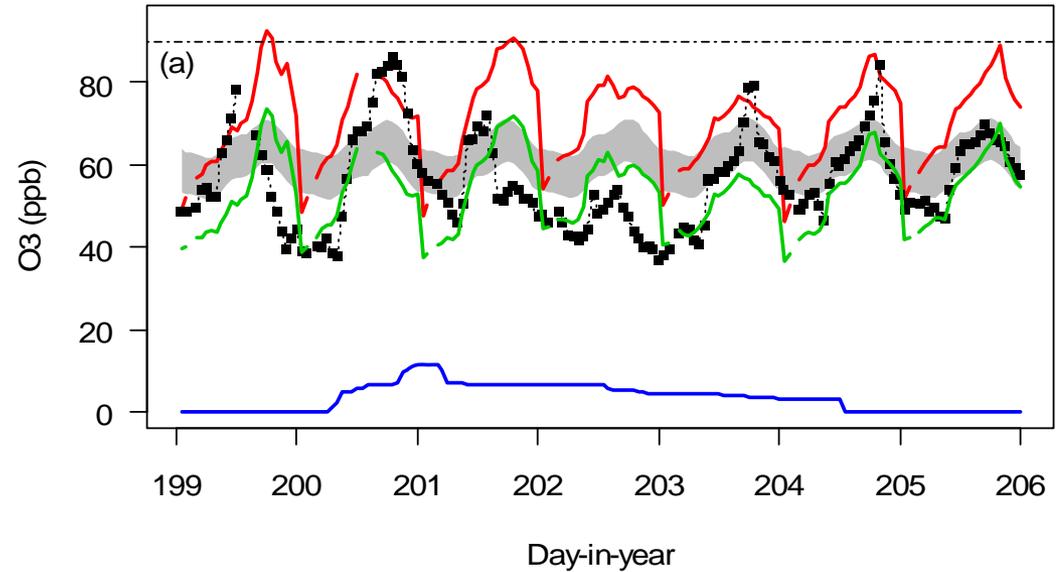


Figure 1a



Observed (black dots); one-day-ahead forecasted 50th (green) and 99th percentile ozone values between July 18 and 25, 2006 for (a) the Yosemite -Turtle Back doom - site and (b) the Yosemite Valley site.

Gray band is the historic average level for the given site.

Blue curve at the bottom indicate the fire activity level as measured by the median BlueSky value for the last 48 hours.

Dashed line at top is the critical 90ppb level.

(Figure 6 in Preisler et. al. submitted 2009)

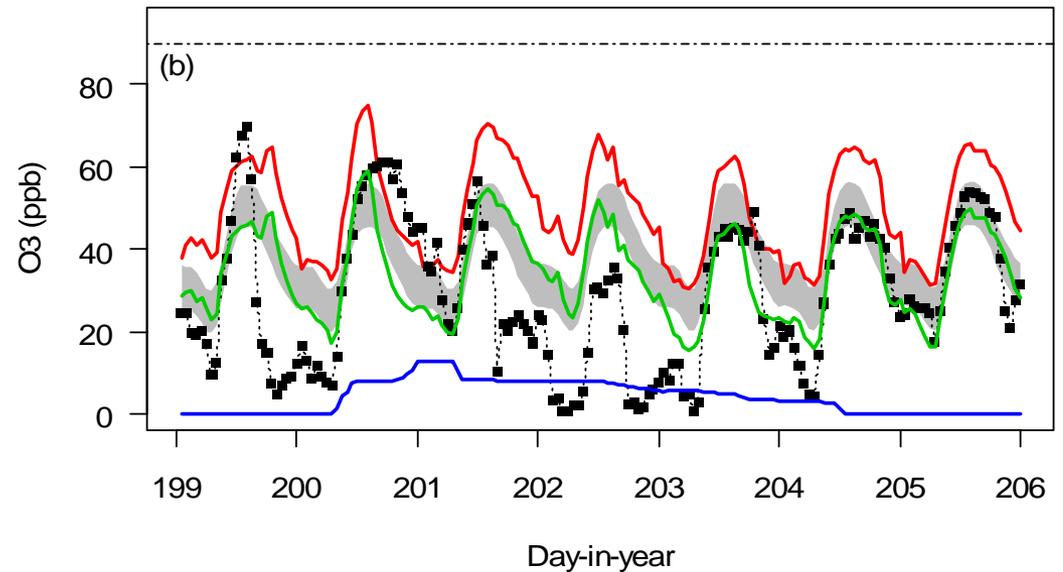


Figure 1b

Observed (black dots); and one-day-ahead forecasted 50th (green) and 99th (red) percentile ozone values between 4 – 10 July, 2006 at (a) SEKI - Ash Mountain site and (b) SEKI – Lower Kaweah site
Gray band is the historic average level for the given site.

Blue curve at the bottom indicate the fire activity level as measured by the median BlueSky value for the last 48 hours.

Dashed line at top is the critical 90ppb level.

(Figure 7 in Preisler et. al. submitted 2009)

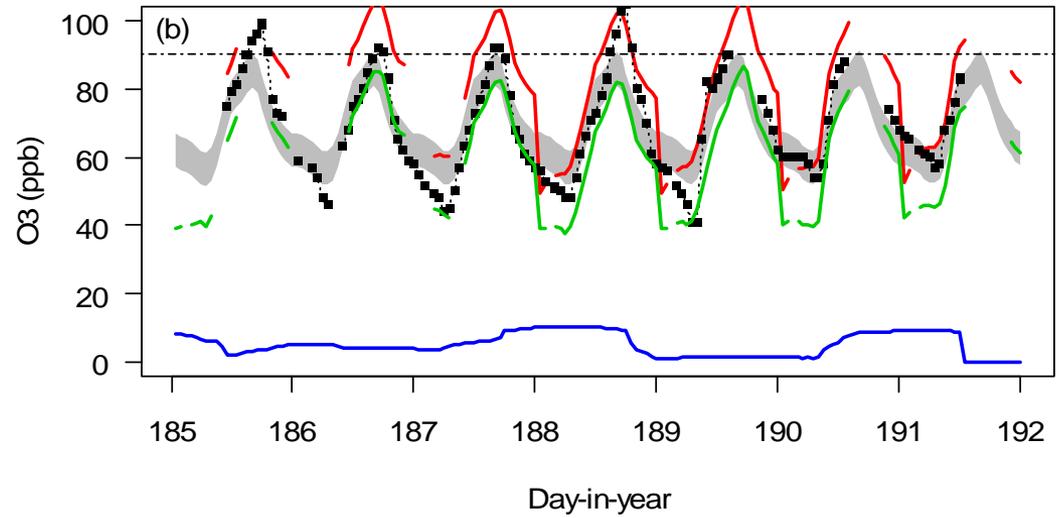
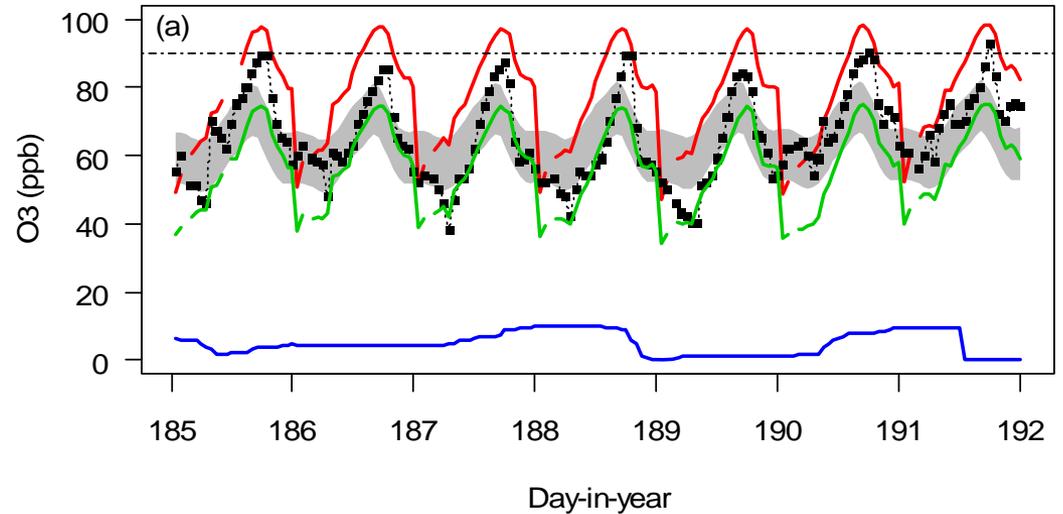


Figure 2

Observed (black dots) and on-day-ahead forecasted 50th (blue) and 99th (red) percentiles for 8hrs moving average ozone values for

- (a) 15- 22 May 2008;
- (b) 15 – 22 July, 2008 and
- (c) 14 – 21 September, 2008

at the Lower Kaweah site in Sequoia National Park.

The dashed line at 70 ppb indicates the critical 8 hr California ambient air quality standard for ozone.

