

# COVID-19 Impacts on San Antonio Air Quality

*Presented to*

Technical Working Group for Mobile Source  
Emissions

*Presented by*

Lyle Hufstetler

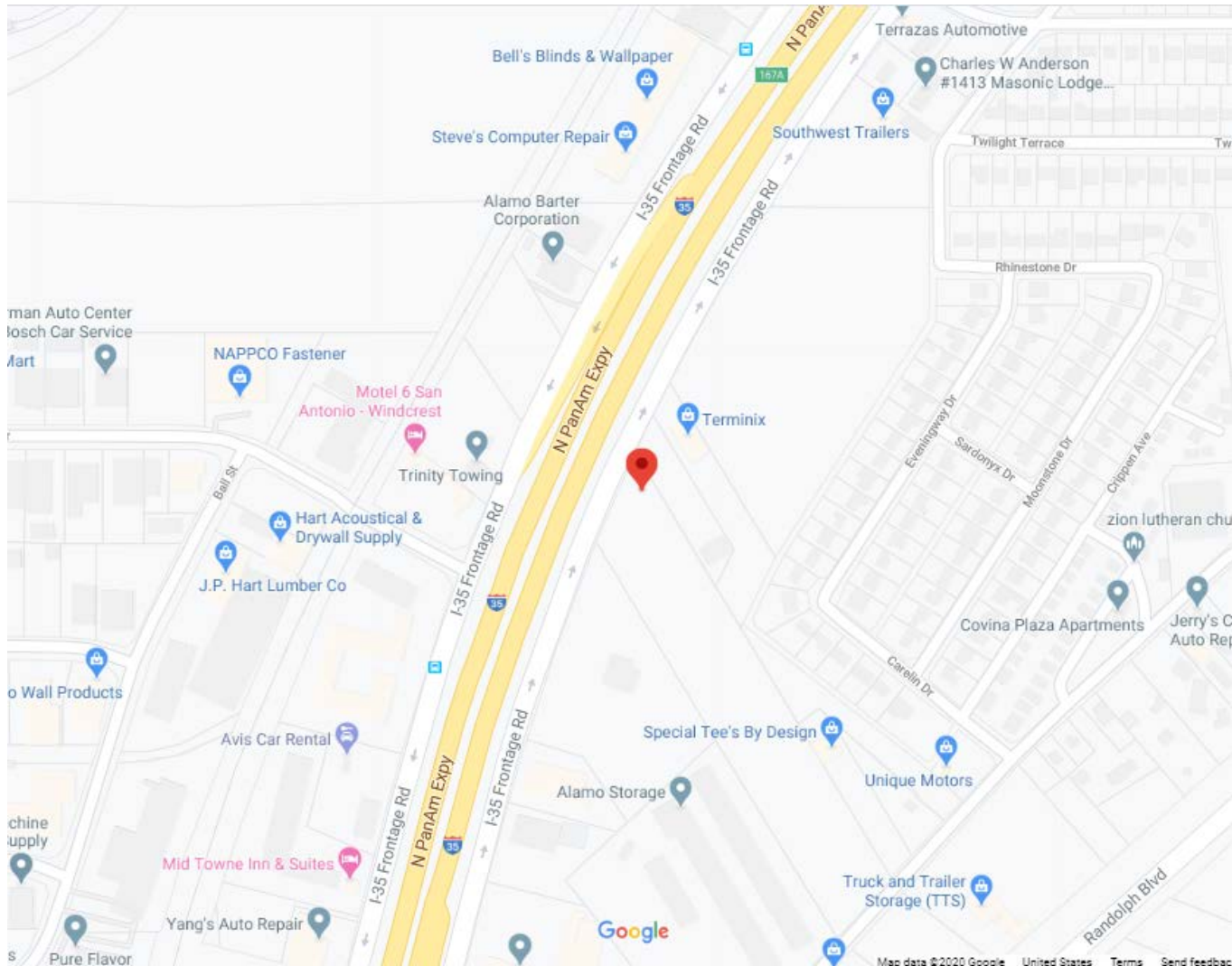
Natural Resources Project Coordinator, AACOG

June 4, 2020

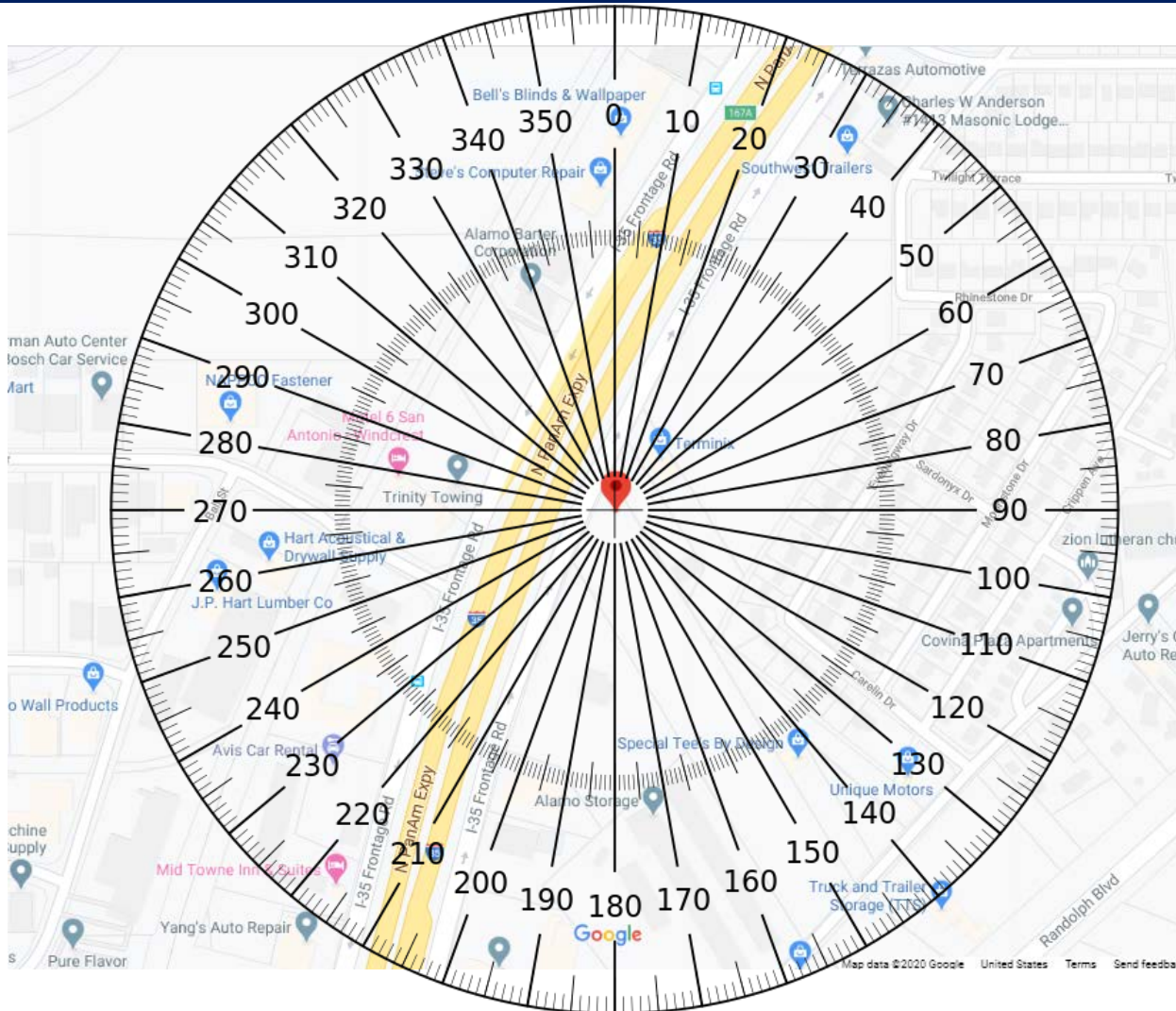




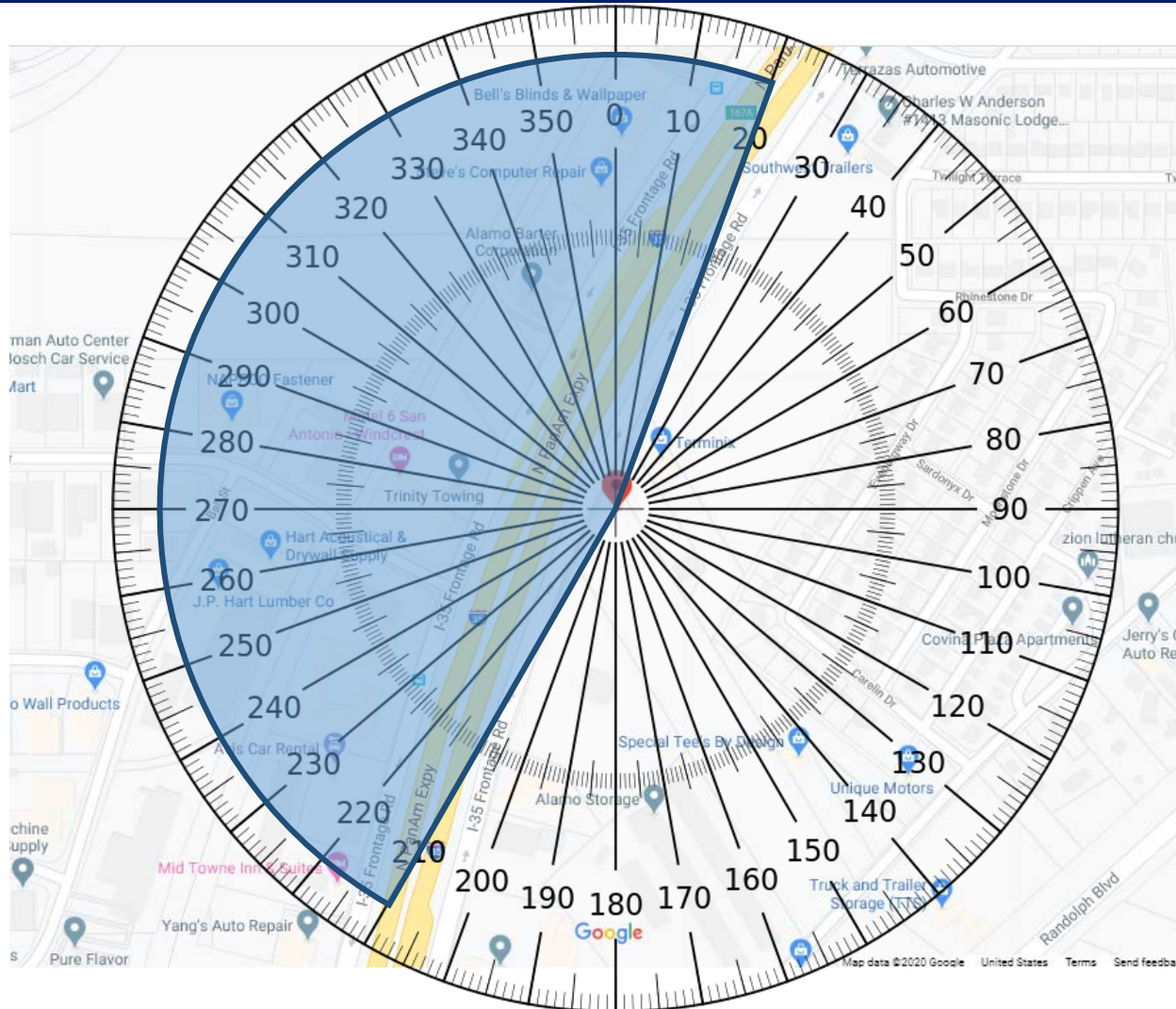
# Near-Road NO<sub>x</sub> Monitor (C1069)



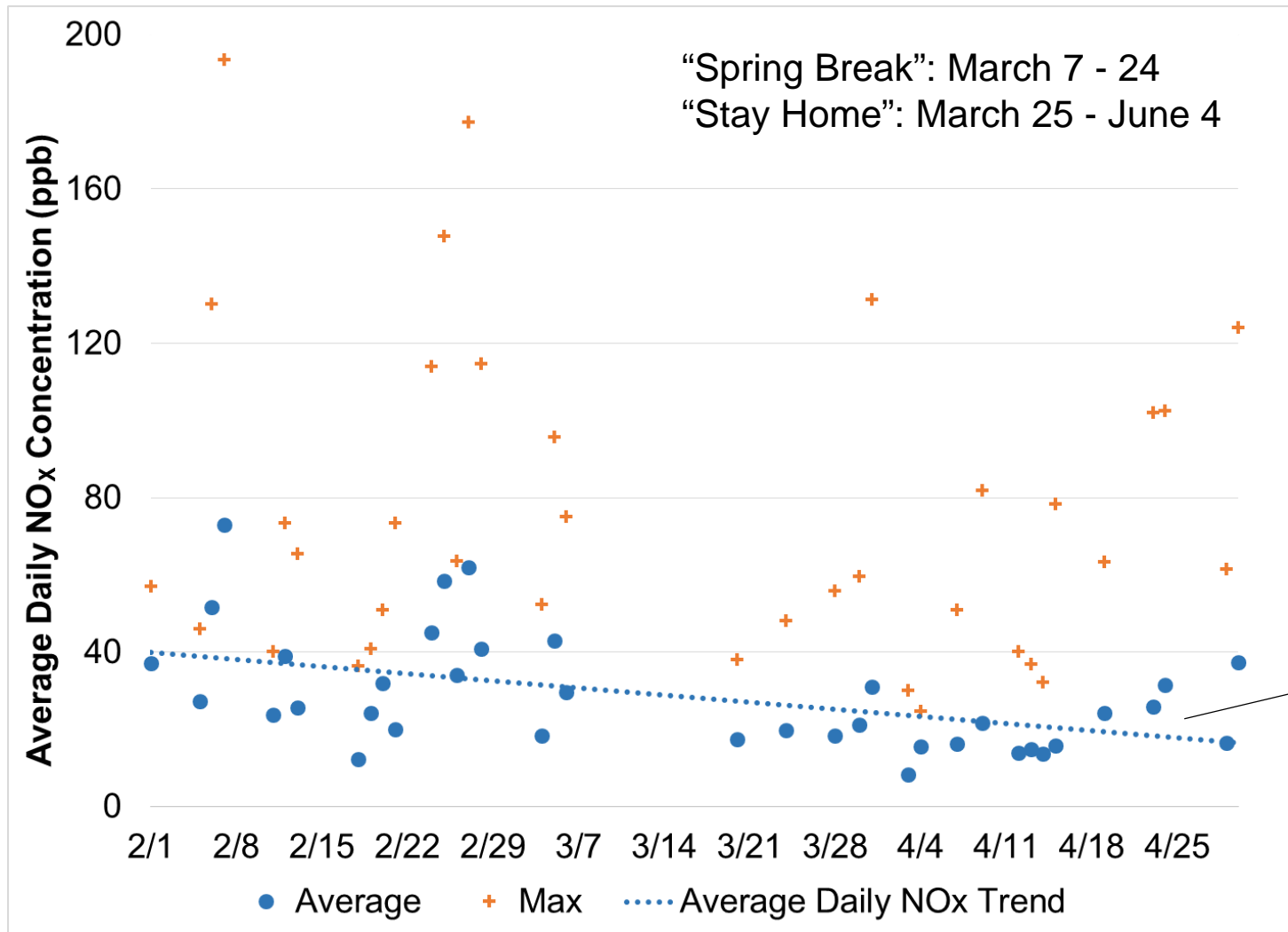
# Near-Road NO<sub>x</sub> Monitor (C1069)



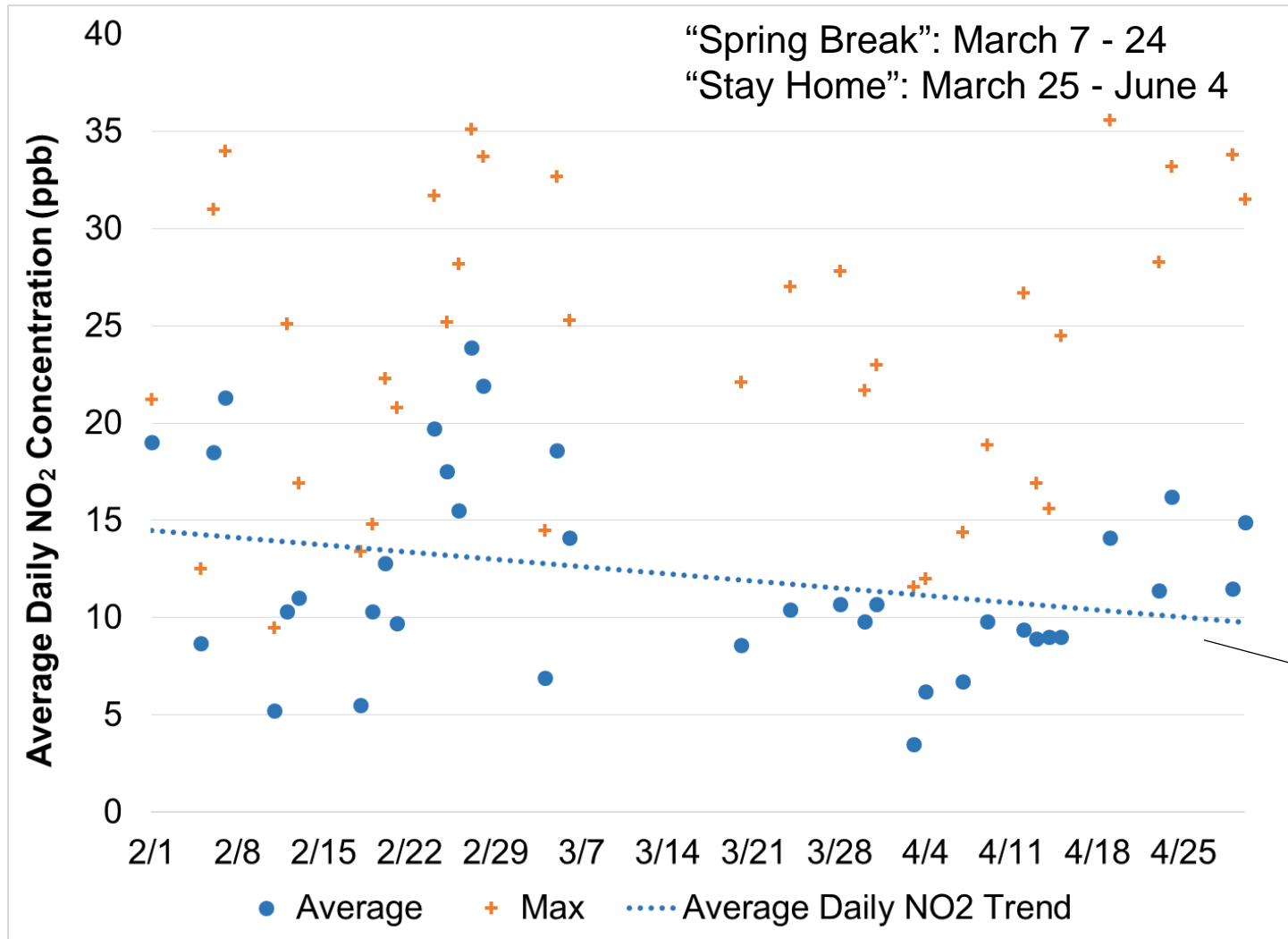
# Near-Road NO<sub>x</sub> Monitor (C1069)



# Average Daily NO<sub>x</sub> Concentration at C1069

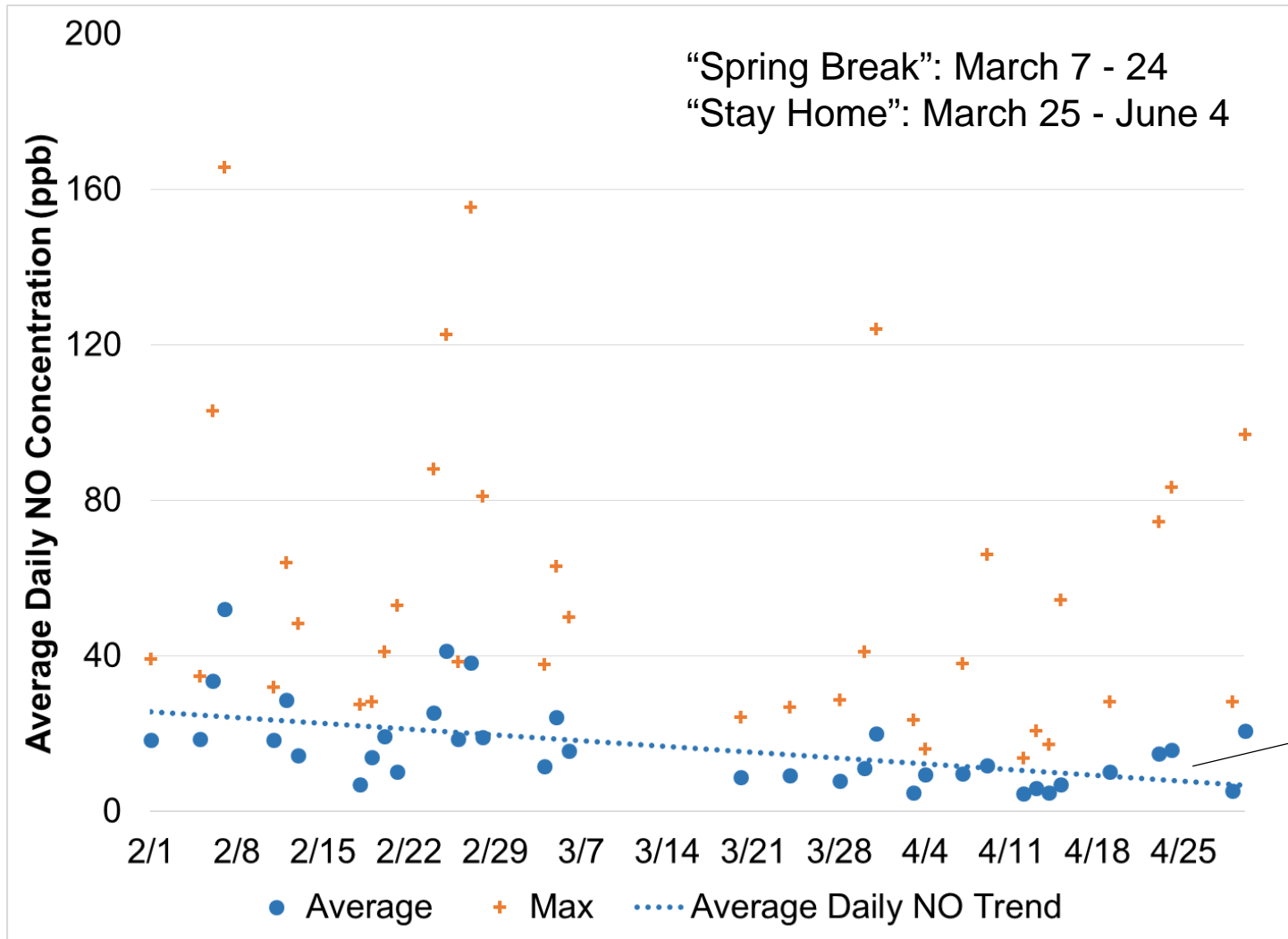


# Average Daily NO<sub>2</sub> Concentration at C1069



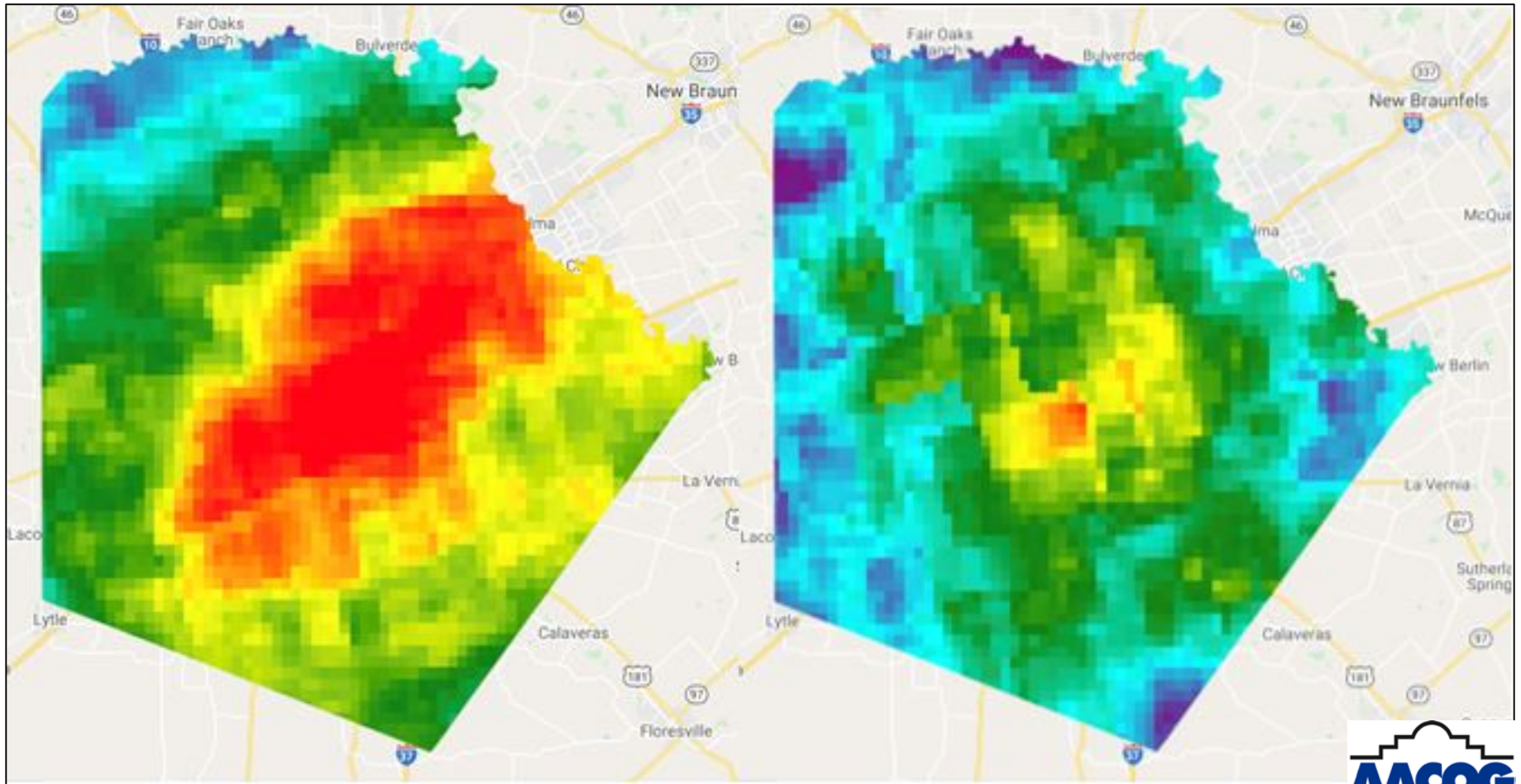
p-value =  
0.0805

# Average Daily NO Concentration at C1069





# Bexar County NO<sub>2</sub> Emissions



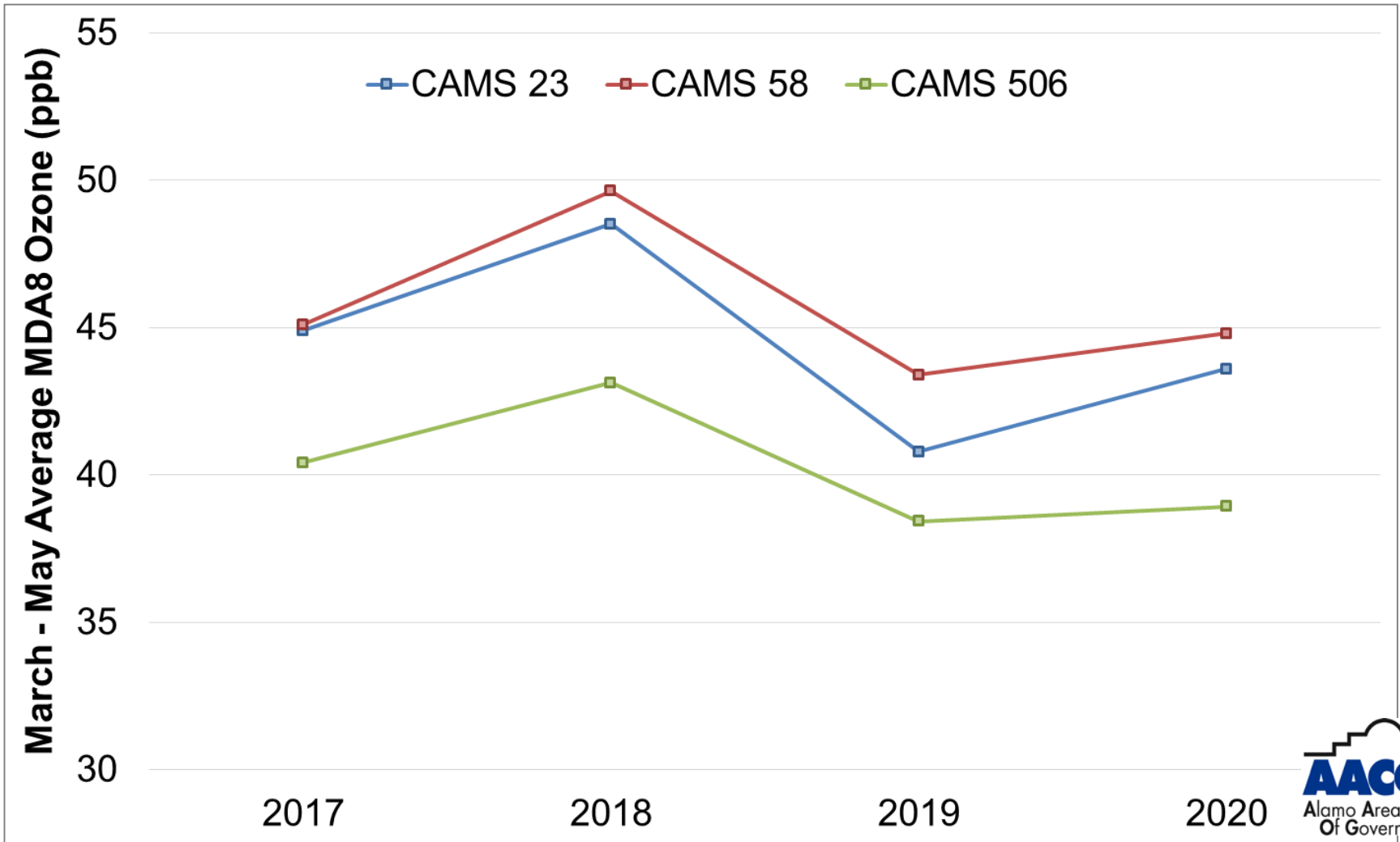
*Feb. 4 - Mar. 15*

*Mar. 15 - Apr. 23*

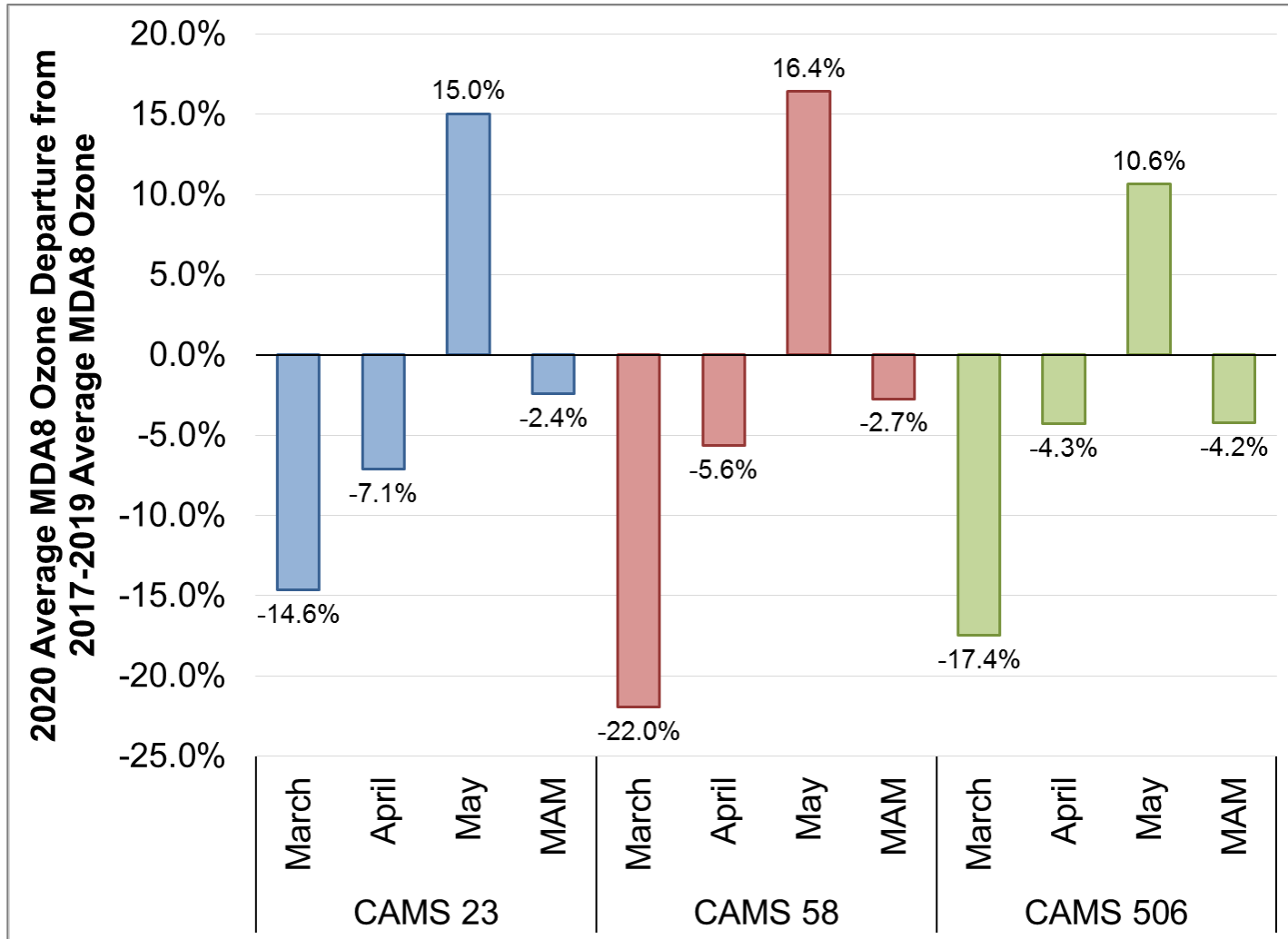




# Ozone Trends 2017-2020



# 2017-2019 Average Ozone versus 2020



# Daily High Ozone Frequency MAM 2017-2020

