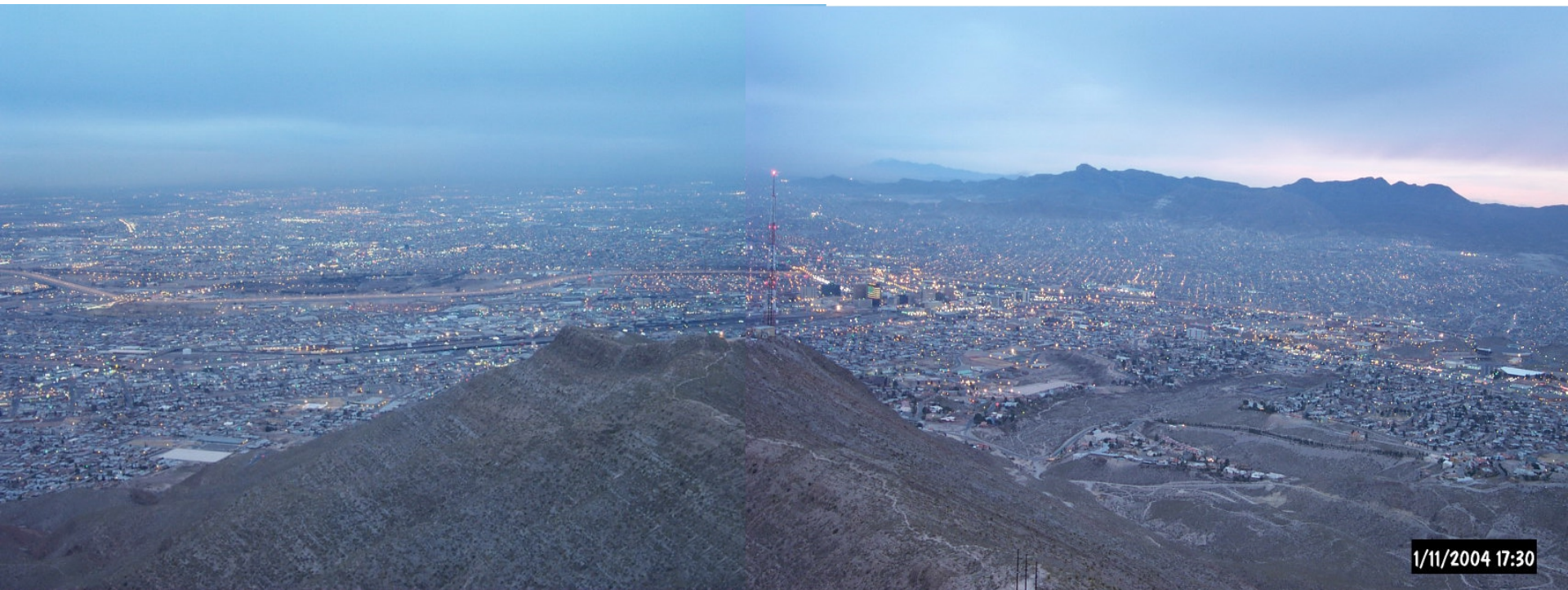


Report on Air Quality in the Paso del Norte

for the Joint Advisory Committee
on the Improvement of Air Quality in the Paso del Norte Region



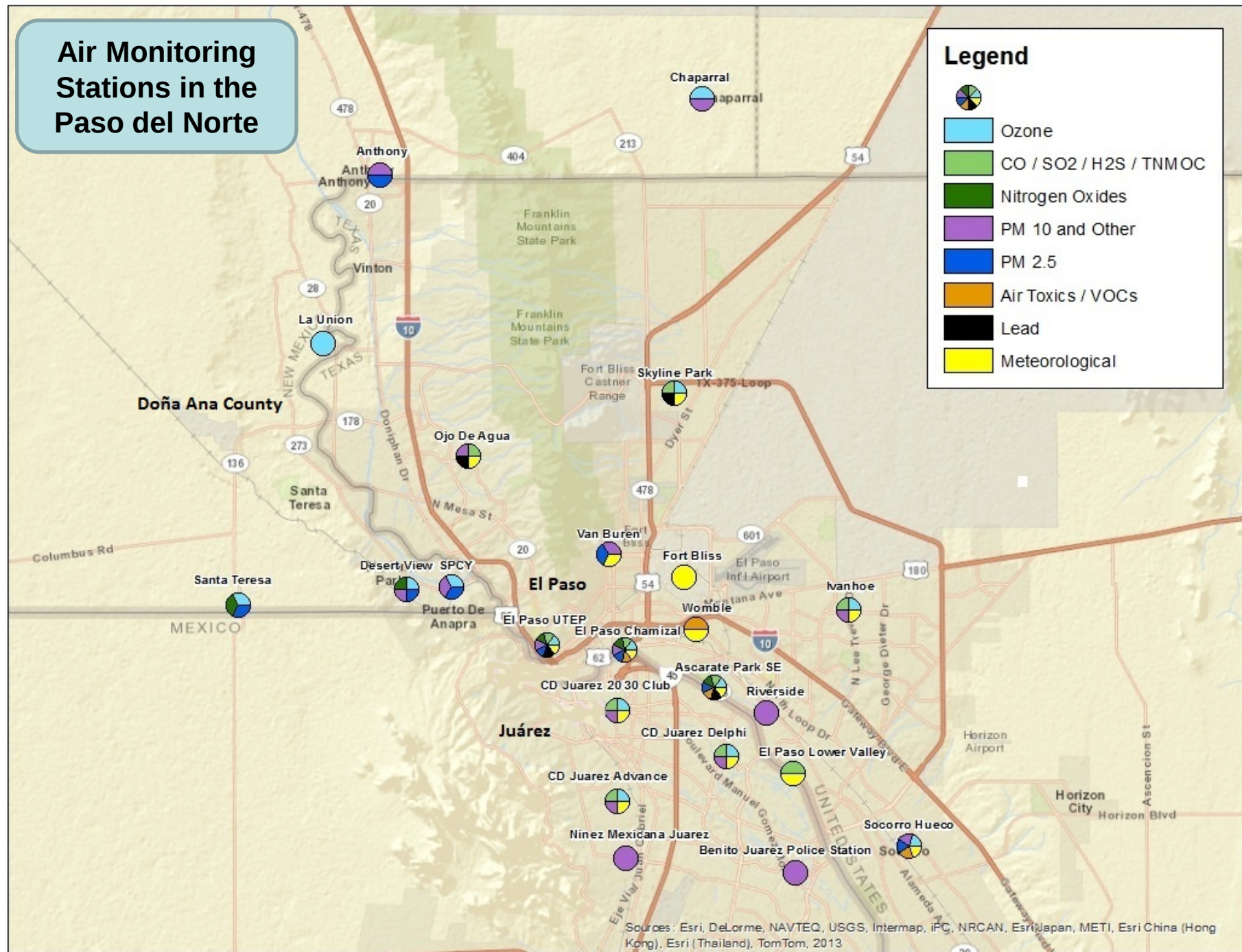
January 23, 2014
Gerardo Tarin
SEMARNAT

Air Monitoring Stations in the Paso del Norte

Legend

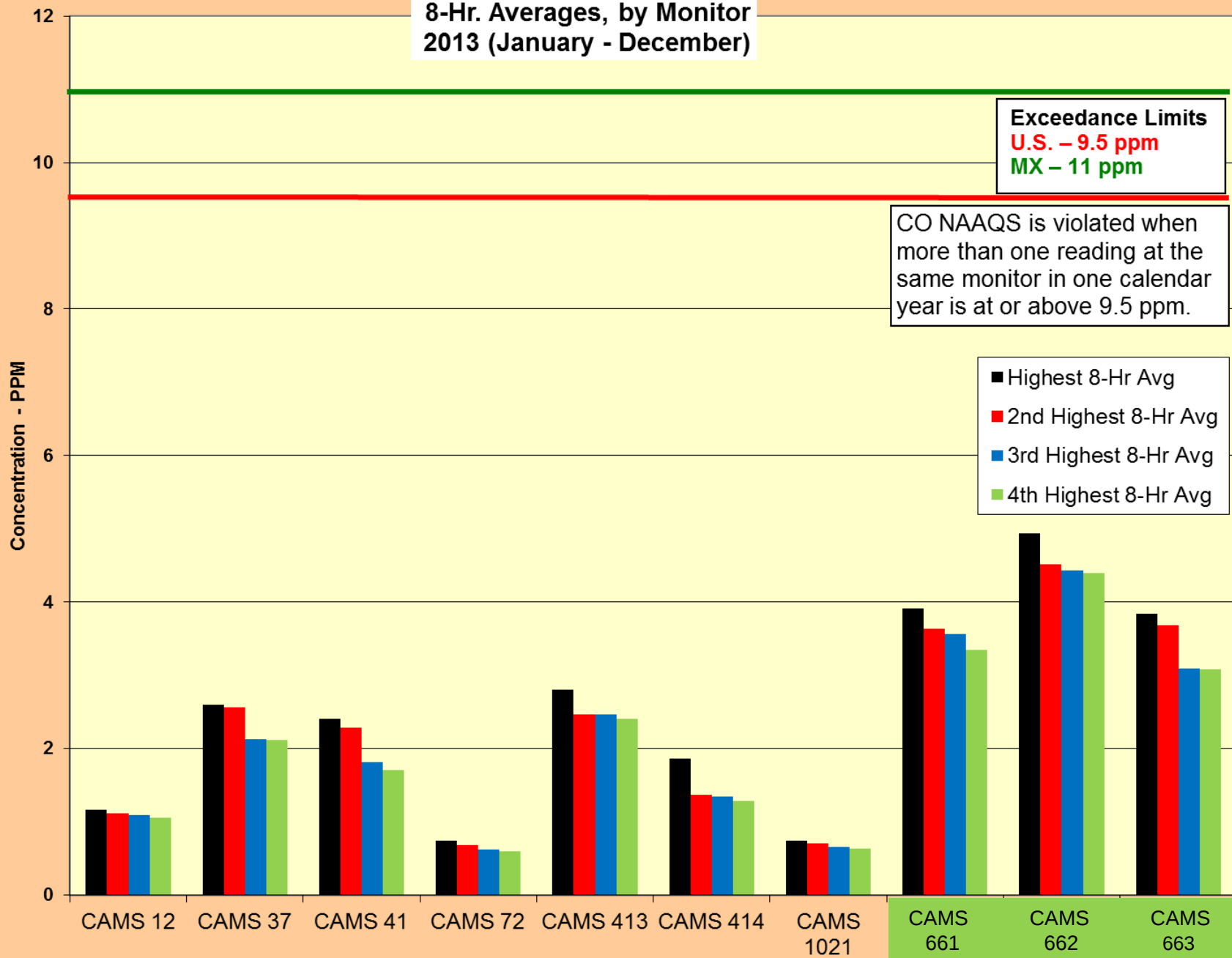


- Ozone
- CO / SO₂ / H₂S / TNMOC
- Nitrogen Oxides
- PM 10 and Other
- PM 2.5
- Air Toxics / VOCs
- Lead
- Meteorological



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013

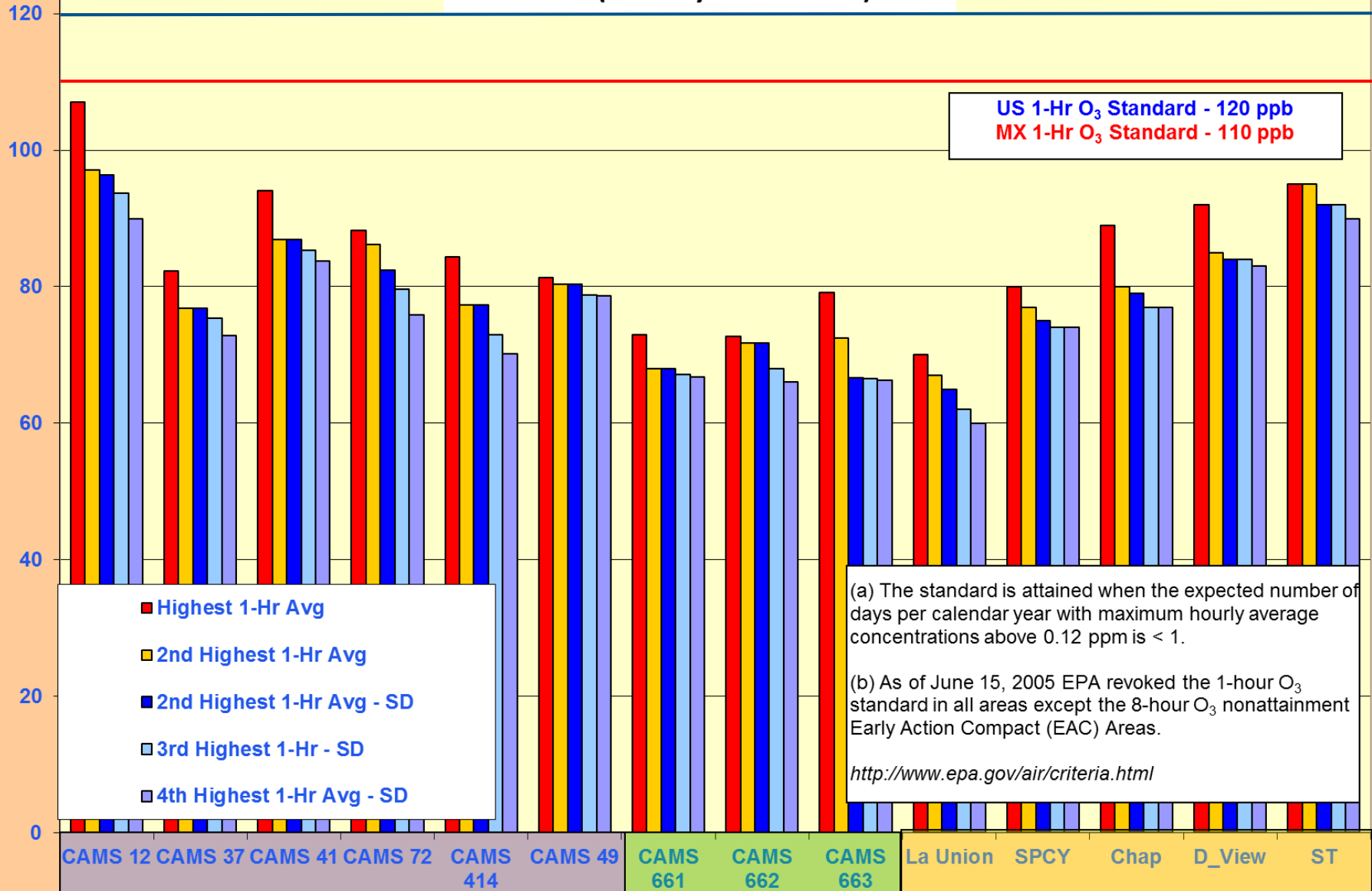
Carbon Monoxide (CO) 8-Hr. Averages, by Monitor 2013 (January - December)



Ozone (O₃)

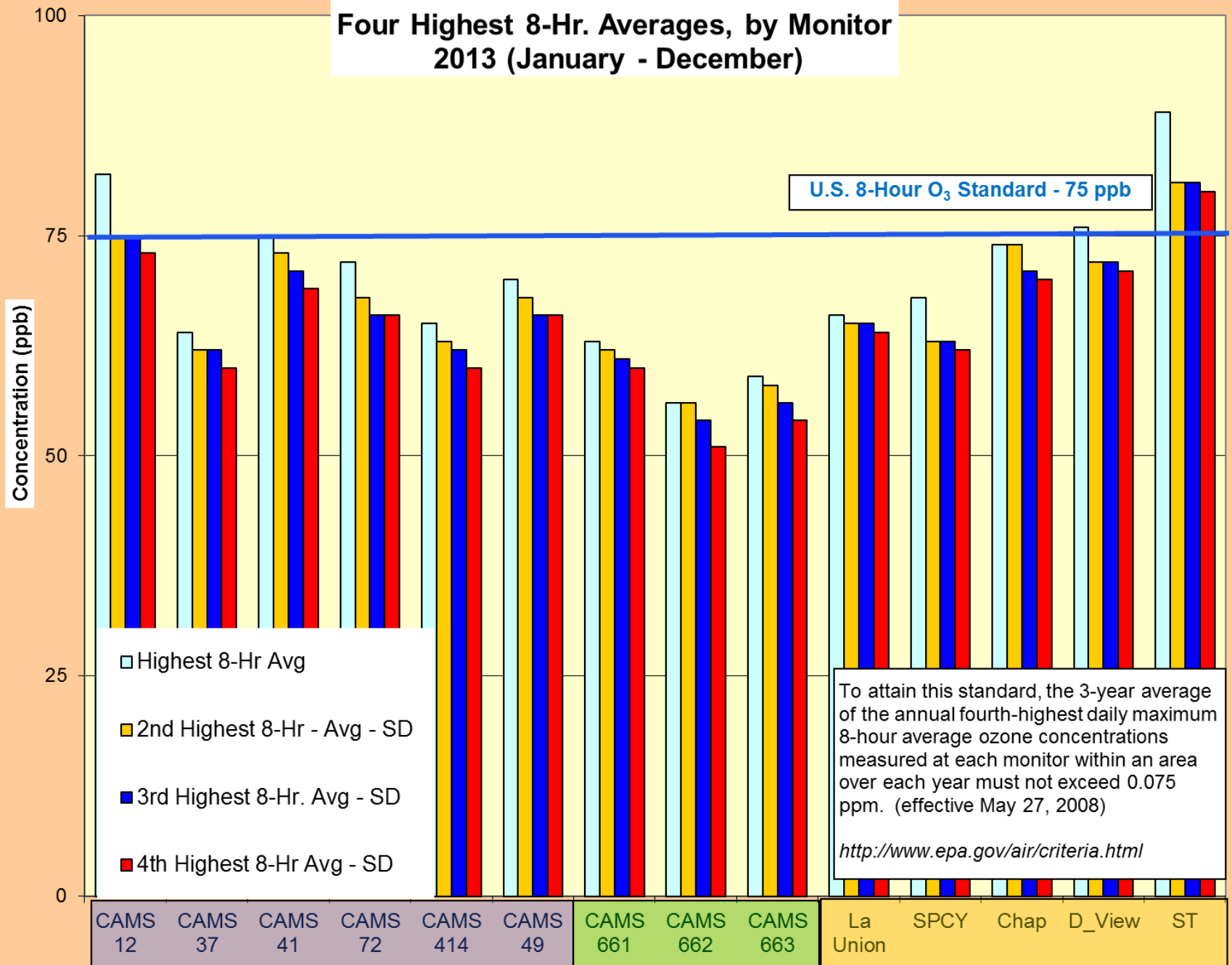
Maximum 1- Hr. Averages, by Monitor
2013 (January - December)

Concentration (ppb)



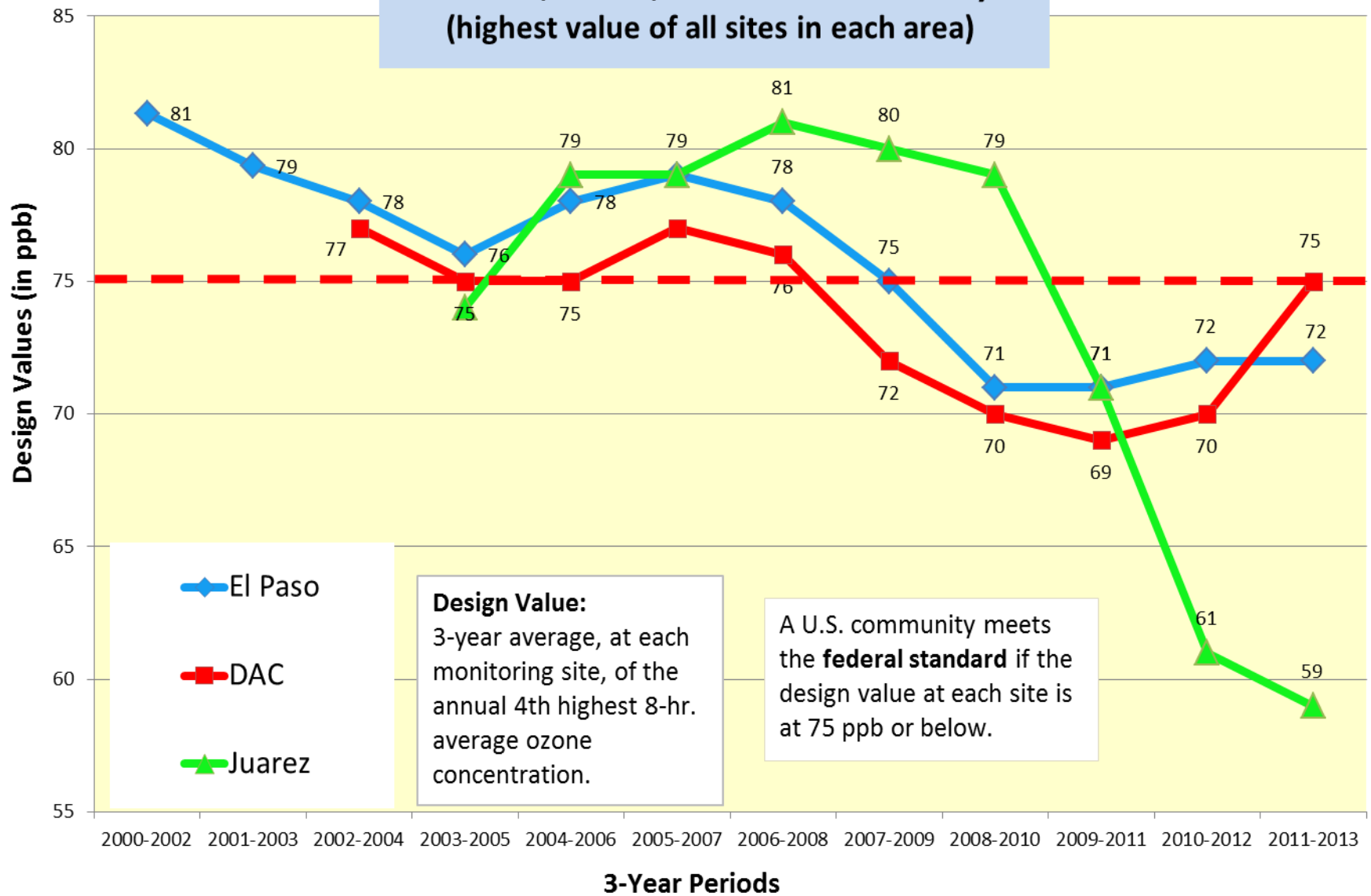
Ozone (O₃)

Four Highest 8-Hr. Averages, by Monitor 2013 (January - December)



Ozone Design Values

El Paso, Juárez, and Doña Ana County (highest value of all sites in each area)



PM_{2.5}

**Daily 24-Hr. Average in 2013 (Jan. - Dec.)
Partisol Sampler in Sunland Park City Yard**

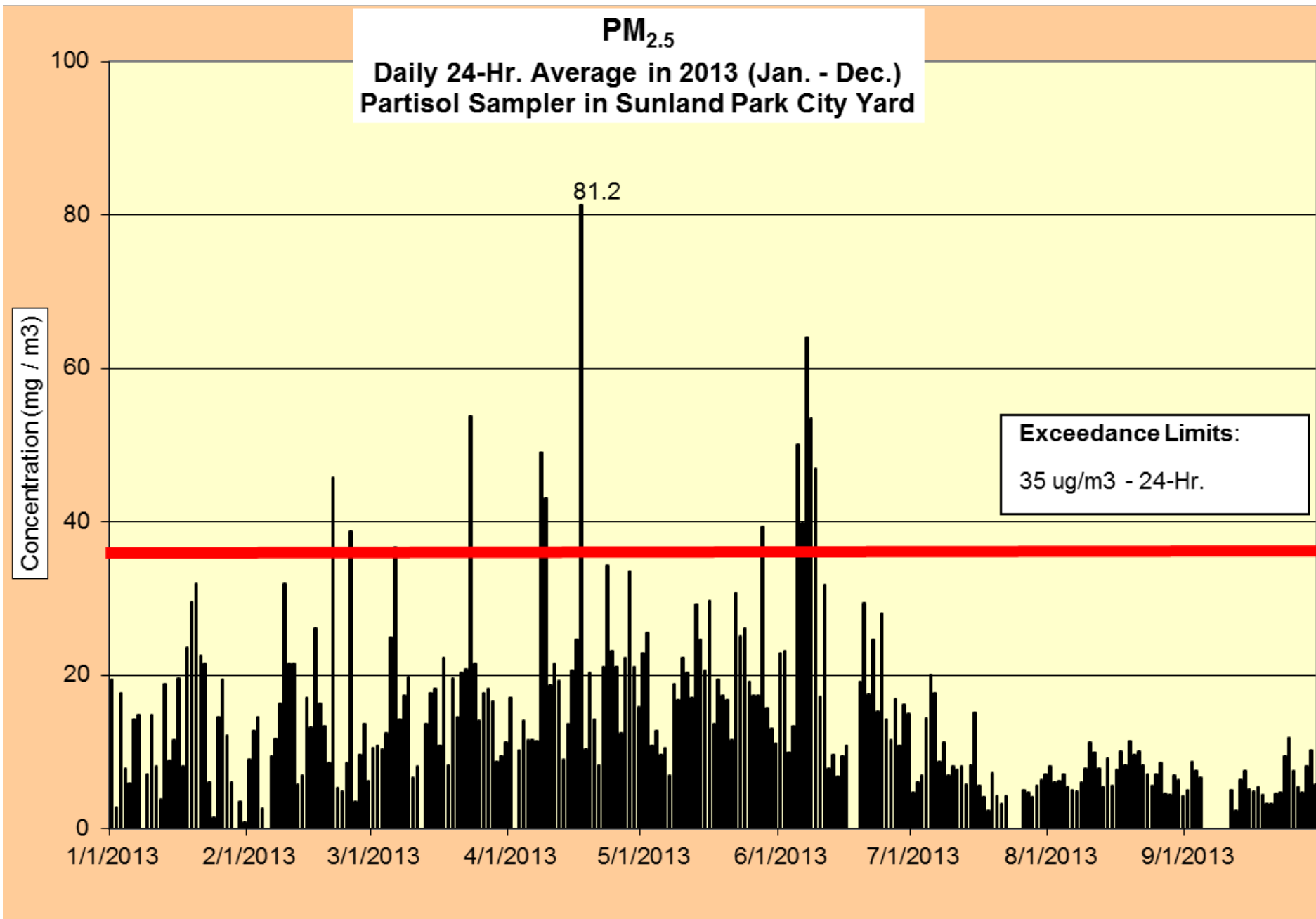
Concentration (mg / m³)

81.2

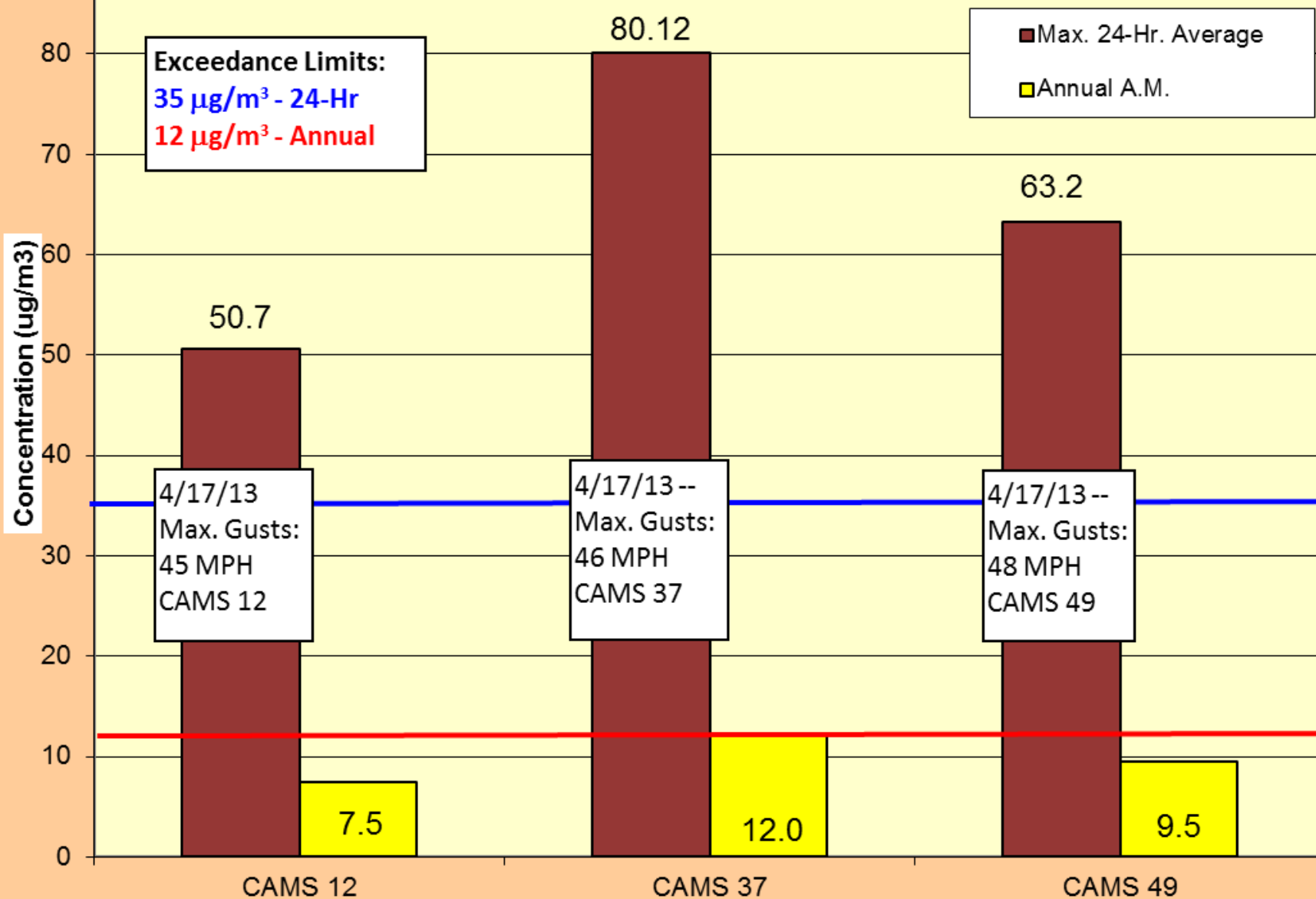
Exceedance Limits:

35 ug/m³ - 24-Hr.

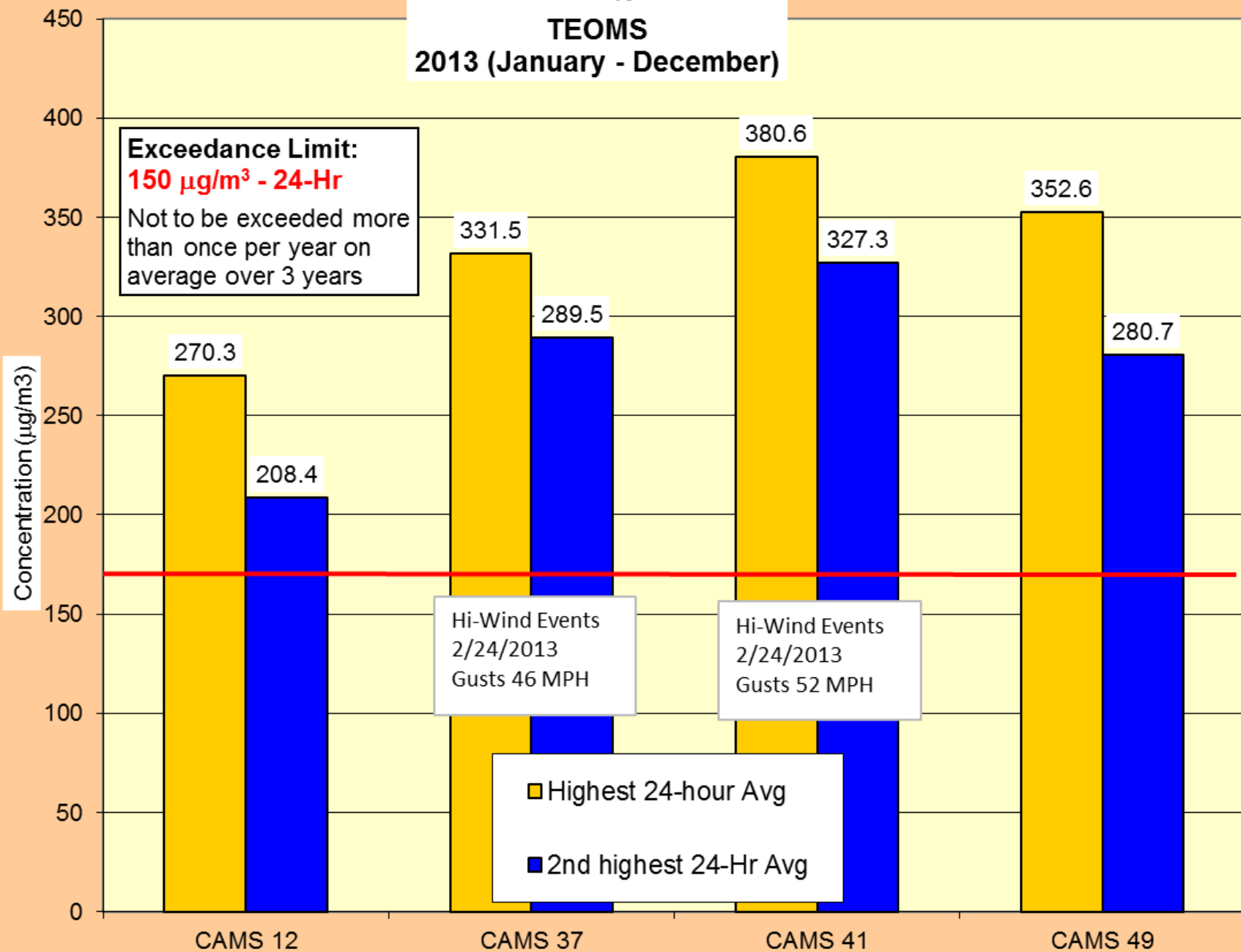
1/1/2013 2/1/2013 3/1/2013 4/1/2013 5/1/2013 6/1/2013 7/1/2013 8/1/2013 9/1/2013



PM_{2.5}
TEOMS
2013 (January - December)



PM₁₀
TEOMS
2013 (January - December)



Hydrogen Sulfide (H₂S) 2004 - 2013 - CAMS 36 (Lower Valley)

