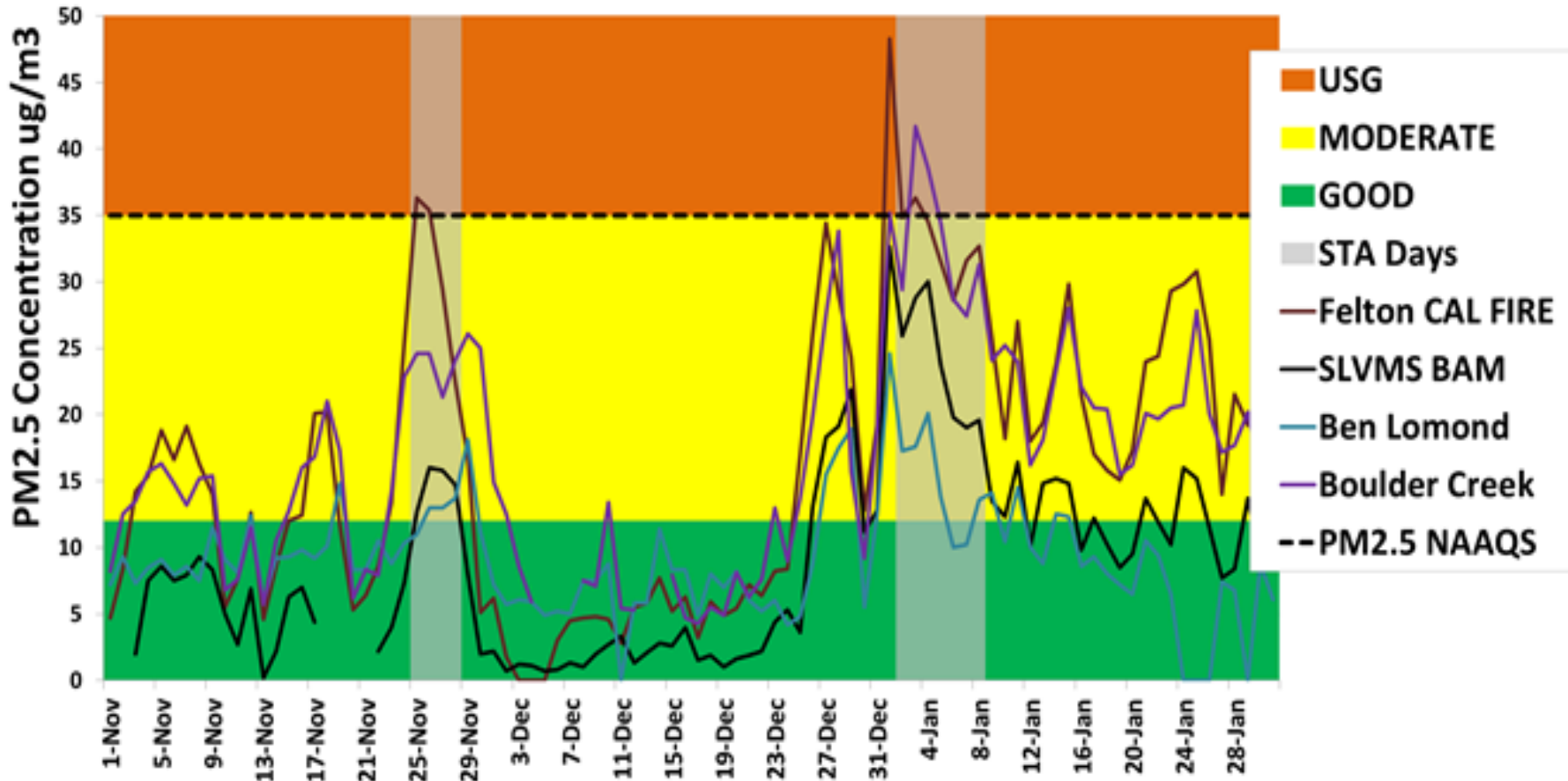


Winter 2014-2015

Air Monitoring Data

SLV PM2.5 Monitoring with STA Days Winter 2014/2015



Dates of Exceedances This Winter

Exceedance No.	Date	24-Hour Concentration (ug/m3)	Site	Notes
1	11/25	36.3	Felton CAL FIRE	Spare the Air
2	1/1	48.3	Felton CAL FIRE	New Year's
3a	1/3	36.3	Felton CAL FIRE	Spare the Air
3b	"	41.7	Boulder Creek	Spare the Air
4	1/4	38.5	Boulder Creek	Spare the Air

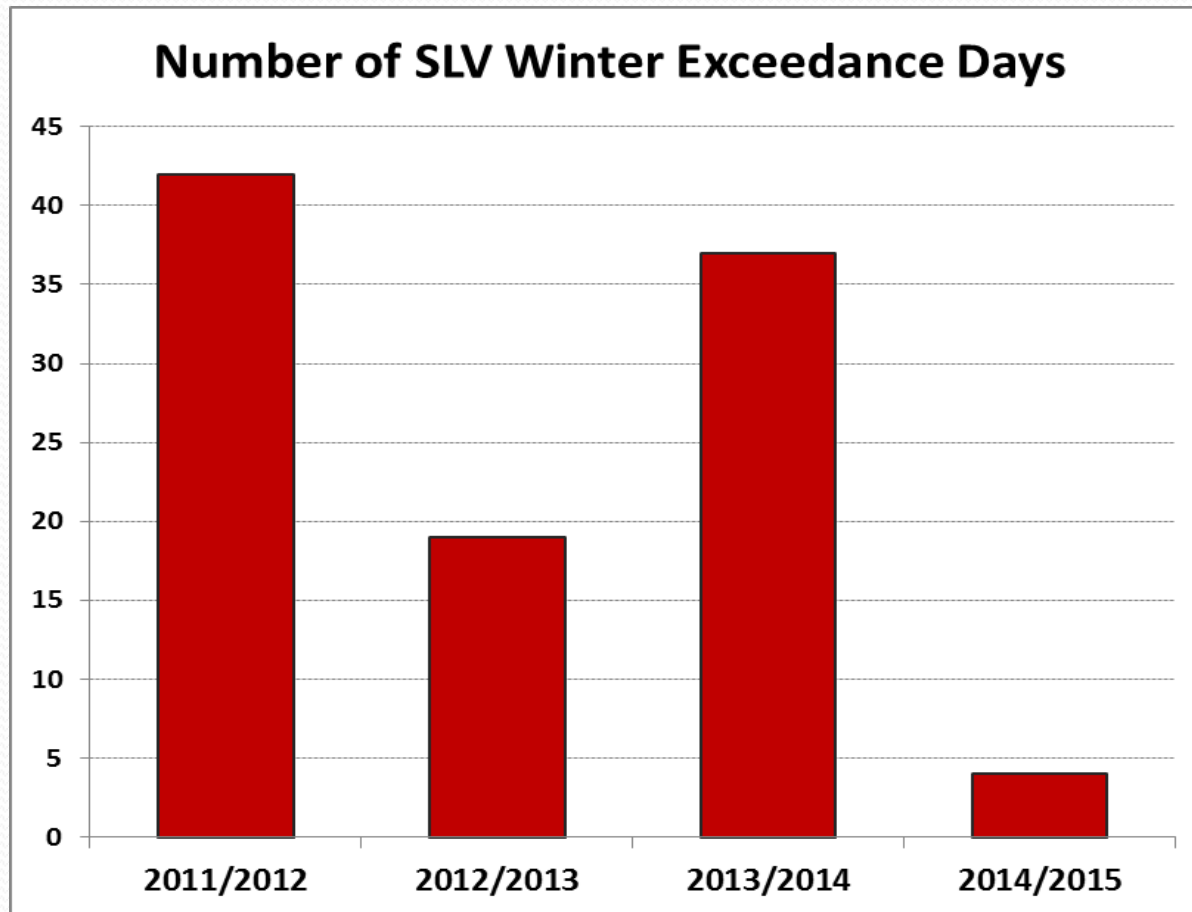
24-Hour Standard = 35 $\mu\text{g}/\text{m}^3$

Spare the Air alert was in effect for three out of four exceedance days.



Air Monitoring in SLV

- Monitored PM2.5 Concentrations in SLV for four winter seasons
- Variability primarily due to weather conditions

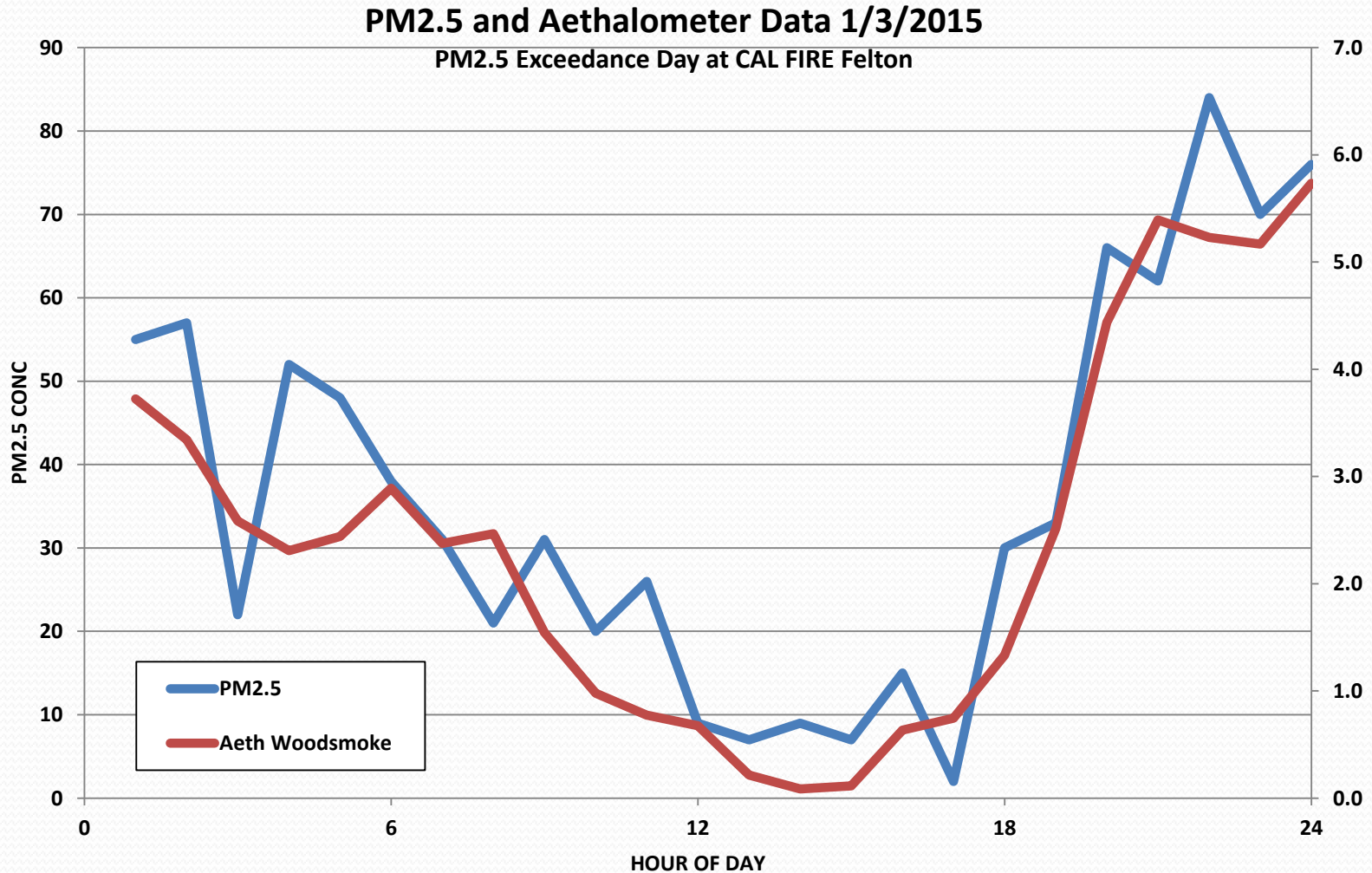


Annual Temperature Variations

- Comparison of overnight lows for winter 2014-2015 (4 exceedances) to winter 2013-2014 (37 exceedances):
 - The average overnight low's for 2014/2015 were 10°F higher than 2013/2014 (42° vs 32°F)
 - On exceedance nights the average overnight for both winters were about the same ~30°F
 - Winter 2014-2015 had far fewer nights at 30° or below than winter 2013-2014 (5 nights in 2014-2015 compared to 26 in 2013-2014)

Therefore, it appears that warmer overnight temperatures were a contributing factor to fewer exceedances this winter.

Additional Air Monitoring





Only Burn Dry Wood
Don't Dampen Down



SIMPLE STEPS

Spare the Air