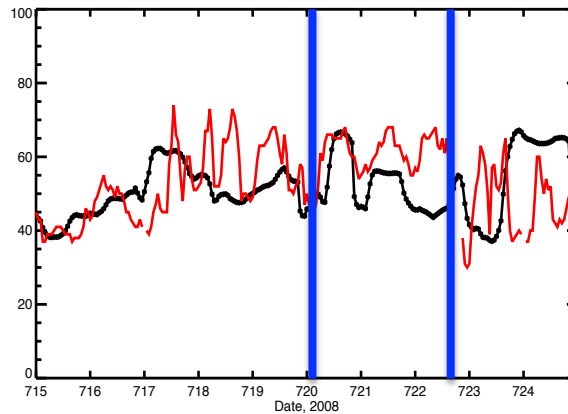
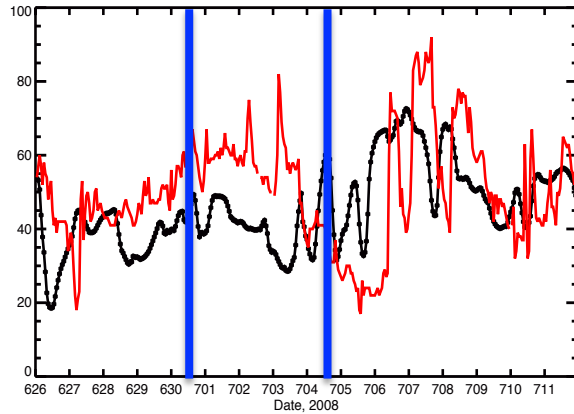


Source attribution of surface ozone in the Western United States using an adjoint method

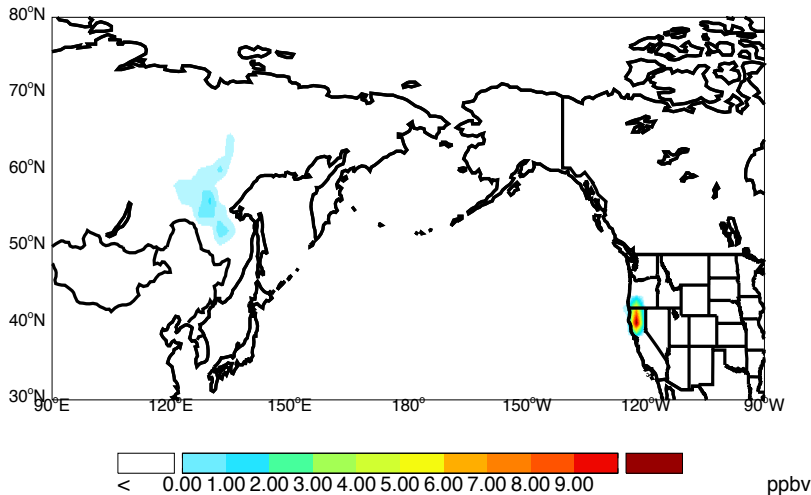
Mei Gao, Qinbin Li, Lin Zhang, Emily Fischer

Fire-contributed surface O₃ reach maximum of over 20 ppb during two fire episodes observed at MBO

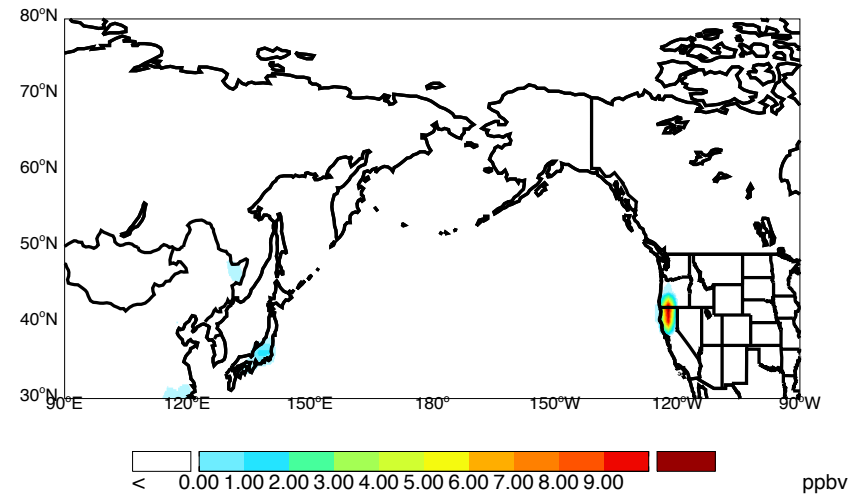


	Episode 1	Episode 2
	Observation (Model) ppb	Observation (Model) ppb
Method 1 (Max-Min)	46.4 (28)	14.2 (24)
Method 2 (95percentile-5percentile)	29 (20)	14 (22)

Biomass Burning from long range transport contribute to O₃ enhancement at MBO



Biomass Burning



Anthropogenic