









solar radiation: 21-22 June; for chemistry.

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## Background Volatile Organic Compounds



 Total [VOC] in model domain varied for each run: 5, 10, 20, 50, or 75 ppb.

Reactive type	Mole ratio	Propene C <sub>3</sub> H <sub>6</sub>	13.48%
Toluene $C_6H_5CH_3$	32.6%	o-xylene C <sub>6</sub> H <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub>	8.511%
Ethane C <sub>2</sub> H <sub>4</sub>	23.4%	Acetaldehyde CH <sub>3</sub> CHO	?.546%
Formaldehyde HCHO	15.6%	Butadiene C <sub>4</sub> H <sub>6</sub>	2.873%
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