

plume number	plume time (UTC)	SOA molar yield (fraction) [ $\pm$ SD]	SOA mass yield (fraction) [ $\pm$ SD]	plume age from O <sub>3</sub> / NO <sub>2</sub> clock assuming $S = 1$ (h)	Likely NO <sub>x</sub> origin & altitude (m)
1	7/2/13 2:18	0.09 [0.06]	0.25 [0.17]	2.5	Greene County @ 540 m
2	7/2/13 2:20	0.07	0.21	1.5	ibid
3	7/2/13 2:21	0.12 [0.10]	0.32 [0.25]	1.5	ibid
4	7/2/13 3:03	0.13	0.36	1.5	Gaston @ 720 m
5	7/2/13 3:55	0.06 [0.07]	0.17 [0.20]	1.4	Miller/Gorgas @ 690 m
6	7/2/13 4:34	0.05 [0.03]	0.15 [0.09]	2	ibid
7	7/2/13 4:37	0.10 [0.09]	0.26 [0.24]	5.5	ibid
8	7/2/13 4:39	0.16 [0.10]	0.45 [0.28]	5.8	Miller/Gorgas @ 1120 m
9	7/2/13 5:04	0.28 [0.19]	0.77 [0.52]	6.3	Gaston @ 1280 m