



¹Department of Chemistry and Biochemistry, UMCP; ²JCET, UMBC; ³Atmospheric and Oceanic Science, UMCP; ⁵ESSIC, UMCP; ⁶SEAS, Harvard University; ⁷Department of Earth and Planetary Sciences, Harvard University; ⁸CIRES, CU Boulder; ⁹Chemical Science, CSU; ¹²Chemistry and Dynamics Branch, NASA LaRC; ¹³Atmospheric Chemistry Division, NCAR; ¹⁴School of Earth and Atmospheric Sciences, Georgia Tech; ¹⁵Department of Chemistry, University of Innsbruck, Austria



	-		
Mechanism	Species	Reactions	Reference
CB05	53	156	Yarwood et al.
CB6r2	77	216	Ruiz and Yarwo
GEOS-Chem (v9-2+)	171	505	Mao et al., 201
MCMv3.2 ^b	455	1476	Saunders et al.
MCMv3.3.1 ^b	610	1974	Jenkin et al., 2

Evaluating Isoprene Oxidation Chemistry in Gas-Phase Chemical Mechanisms Using In Situ Observations of Formaldehyde

Margaret R. Marvin¹, G. M. Wolfe^{2,3}, R. J. Salawitch^{1,4,5}, T. P. Canty⁴, S. J. Roberts¹, K. R. Travis^{6,7}, K. C. Aikin^{8,9}, T. F. Hanisco³, J. S. Holloway^{8,9}, G. Hübler^{8,9}, J. Kaiser⁶, F. N. Keutsch^{6,10}, J. A. de Gouw^{8,9}, M. Graus^{8,9}, J. Peischl^{8,9}, I. Pollack¹¹, J. M. Roberts⁹, T. B. Ryerson⁹, P. Veres^{8,9}, G. S. Diskin¹², S. R. Hall¹³, L. G. Huey¹⁴, X. Liu¹⁴, T. Mikoviny¹⁵, G. W. Sachse¹², K. Ullmann¹³, A. Wisthaler^{15,16}



