

RO3QET 7 August 2014	TOLNet*	TB-Clim	GEOS-5 FP	MERRA2	GEOS-Chem
Tropospheric column O <sub>3</sub> (0–5 km)					
Correlation ( <i>R</i> )	N/A	0.99	0.99	0.99	0.99
Mean (ppb)	60.7	59.8	59.5	59.0	59.5
Max/min (ppb)	67.5/56.4	64.7/56.8	64.1/56.9	63.8/56.1	65.1/55.5
SD (ppb)	3.62	2.63	2.35	2.55	3.18
LMT column O <sub>3</sub> (0–2 km)					
Correlation ( <i>R</i> )	N/A	0.98	0.98	0.99	0.98
Mean (ppb)	65.2	56.5	53.4	53.1	62.1
Max/min (ppb)	79.4/54.3	62.6/52.5	59.4/49.8	59.4/48.8	70.6/54.6
SD (ppb)	9.27	3.41	3.33	3.67	5.38
TROPOZ 22 July 2014	TOLNet	TB-Clim	GEOS-5 FP	MERRA2	GEOS-Chem
Tropospheric column O <sub>3</sub> (0–10 km)					
Correlation ( <i>R</i> )	N/A	0.98	0.97	0.96	0.97
Mean (ppb)	50.5	52.4	52.2	50.7	50.3
Max/min (ppb)	55.8/46.3	55.7/49.2	55.5/49.0	53.3/47.7	53.3/47.3
SD (ppb)	3.25	2.60	2.52	2.06	2.40
LMT column O <sub>3</sub> (0–2 km)					
Correlation ( <i>R</i> )	N/A	0.85	0.51	0.79	0.98
Mean (ppb)	75.0	44.3	49.9	51.2	56.3
Max/Min (ppb)	97.0/58.6	47.5/41.3	54.3/45.6	54.9/47.3	66.4/47.8
SD (ppb)	12.77	2.27	2.96	2.81	5.93