

Variable	Unit	Symbol	Remarks
Latitude	($^{\circ}$)	ϕ	Solar zenith angle and actinic flux
Pressure altitude	(m)	z	Air density and actinic flux
Temperature	(K)	T	Kinetics of reactions
Overhead ozone column	(DU)	topO ₃	Attenuation of UV radiation
Chlorine family	(ppb)	Cl _y	Catalytic ClO _x chemistry
Bromine family	(ppt)	Br _y	Catalytic BrO _x chemistry
Nitrogen oxide family	(ppb)	NO _y	Catalytic NO _x chemistry
Hydrogen oxide family	(ppm)	HO _y	Catalytic HO _x chemistry
Odd oxygen	(ppm)	O _x	Chapman and catalytic chemistry