

Parameter	Symbol	Unit	Node values
Solar zenith angle	θ_0	degree	0, 5, 10,..., 85, 88
TOMS V7 profiles	–	–	L225, L275,..., L475 M125, M175,... M575 H125, H175,... H575
Cloud optical depth	τ_c	–	0, 0.39, 0.92, 1.7, 2.7, 4.1, 6.1, 8.9, 13, 18, 25, 36, 50, 70, 96, 130, 190, 260, 360, 500
Surface albedo	ρ_s	–	0, 0.1, 0.2,..., 1.0
Surface pressure	p_s	atm	0.7, 1.0