

	C5	C6	Comment
RT code	6s	LBLRTM (Line-By-Line Radiative Transfer Model)	6S is MODTRAN database. LBLRTM is HITRAN database.
No. of gases considered	3 [H ₂ O, O ₃ , CO ₂]	10 [H ₂ O, O ₃ , O ₂ , CO, CO ₂ , CH ₄ , NO, N ₂ O, NO ₂ , SO ₂]	Inclusion of “other” dry gases in C6 created big differences in MODIS bands 5 and 7 (see Fig. 2).
Climatological gas optical depths	Midlatitude summer	US76 Standard Atmosphere	