

VIIRS band	Wavelength (μm)	Rayleigh optical depth	O ₃ optical depth ^a	H ₂ O optical depth ^a	Dry-gas ^b optical depth ^a	O ₃ _K0	O ₃ _K1	H ₂ O_K0	H ₂ O_K1	H ₂ O_K2
M3	0.488	1.60E-01	6.73E-03	8.94E-05	1.84E-03	-1.25E-04	1.98E-05	-9.65E+00	9.87E-01	1.80E-04
M4	0.5511	9.76E-02	3.11E-02	7.69E-04	8.34E-04	-4.75E-05	9.08E-05	-7.50E+00	9.84E-01	-3.87E-03
M5	0.6704	4.40E-02	1.50E-02	6.64E-04	1.44E-03	-4.79E-05	4.37E-05	-7.69E+00	9.95E-01	-1.10E-02
M7	0.8612	1.60E-02	7.70E-04	3.37E-03	2.45E-05	4.18E-07	2.24E-06	-6.05E+00	9.65E-01	-1.53E-02
M8	1.2389	3.67E-03	0.00E+00	8.44E-03	1.19E-02	1.19E-07	5.17E-26	-5.16E+00	9.59E-01	-2.67E-02
M10	1.6012	1.32E-03	0.00E+00	2.34E-03	2.13E-02	1.19E-07	1.03E-25	-6.43E+00	1.02E+00	-3.60E-03
M11	2.257	3.50E-04	1.07E-06	5.42E-03	5.32E-02	-2.61E-08	3.28E-09	-5.85E+00	1.28E+00	-5.04E-03