

Major atmospheric gas	center wavelengths ( $\mu\text{m}$ )
H <sub>2</sub> O	Visible, 0.72, 0.82, 0.94, 1.1, 1.38, 1.87, 2.7
CO <sub>2</sub>	1.4, 1.6, 2.0, 2.7, 4.3
O <sub>3</sub>	Visible (0.45–0.75)
O <sub>2</sub>	0.63, 0.69, 0.76, 1.06, 1.27, 1.58
N <sub>2</sub> O	2.87, 4.06, 4.5
CH <sub>4</sub>	1.66, 2.2, 3.3
CO	2.34, 4.67
NO <sub>2</sub>	Visible