

	Central wavelength (nm)	MODIS band number	Spectral coverage and bandwidth (nm)	Spatial resolution	Key use in SeaDAS
Visible	412	8	405–420 (15)	1000	Ocean color, phytoplankton
	443	9	438–448 (10)	1000	Ocean color, phytoplankton
	469	3	459–479 (20)	500	Land/vegetation
	488	10	483–493 (10)	1000	Ocean color, phytoplankton
	531	11	526–536 (10)	1000	Ocean color, phytoplankton
	547	12	542–552 (10)	1000	Ocean color, phytoplankton
	555	4	620–670 (20)	500	Land/vegetation
	645	1	662–670 (50)	250	Land, cloud, aerosol
	667	13	662–672 (10)	1000	Ocean color, phytoplankton
	678	14	673–683 (10)	1000	Chlorophyll fluorescence
Near infrared	748	15	743–753 (10)	1000	Ocean color, red edge, atmospheric correction
	859	2	841–876 (35)	250	Land, cloud, aerosol
	869	16	862–877 (15)	1000	Ocean color, red edge, atmospheric correction