Satellite	Bands	Wavelength(μm)	Pixel size (m)	Description
Landsat 8	1	0.433–0.453	30 m	Coastal aerosol
	2	0.450–0.515	30 m	Blue
	3	0.525–0.600	30 m	Green
	4	0.630–0.680	30 m	Red
	5	0.845–0.885	30 m	NIR
	6	1.560–1.660	30 m	SWIR 1
	7	2.100–2.300	30 m	SWIR 2
	8	0.500–0.680	15 m	Panchromatic
	9	1.360–1.390	30 m	Cirrus
	10	10.6-11.2	100 m	TIR 1
	11	11.5-12.5	100 m	TIR 2
Sentinell 2	1	0.442-0.443	60 m	Aerosol
	2	0.492-0.496	10m	Blue
	3	0.559-0.560	10 m	Green
	4	0.664- 0.665	10 m	Red
	5	0.703-0.703	20m	Red Edge 1
	6	0.739-0.740	20 m	Red edge 2
	7	0.779-0.782	20 m	Red edge 3
	8	0.833-0.835	10 m	NIR

	9	0.864-0.864	20 m	Red edge 4
	10	0.943-0.945	60 m	Water vapor
	11	1.610-1.613	20 m	SWIR 1
	12	2.185-2.202	20 m	SWIR 2
MODIS	1	0.620 – 0.670	250m	Aerosol
	2	0.841- 0.876	250 m	Aerosol
	3-7	0.459-2.155	500 m	Phytoplankton
	8-36	0.405-14.385	1000m	Cloud