lave1	enght	#order		L-2A ·23+)	Sentinel-2B (2017-03-07+)					LANDSAT-8-OLI Swath:185km;Revisit:16d. Resolution:15-60m (2013-05-30+)					Sentinel-3-OLCI Swath:1270km;Revisit:4d Resolution:300m (2016-01-16+)				*This whole table is under verification*
(nm)		BAND	Central Min. Wave L.		Max.	Min.	Central W.L.	Max.	Sp. Res	BAND*	Min.	Central Wave L.	Max.	Sp. Res	BAND	Central Min. Wave L. Max.		Max.	Purposes (S1/L8/S3):
400	Aerosol														B01	392.5	400.0	407.5	//Coastal aerosol, correction
420	Aerosol														B02	407.5	412.5	417.5	//Yellow subs.,detrital pig. (turbidity)
440	Aerosol	#12-B01	432.2	442.7	453.2	431.7	442.2	452.7	60	#3-B01	433.0	443.0	453.0	30	B03	437.5	442.5	447.5	Aerosol//Chlorophyll abs., vegetation
480	*BLUE*	#1-B02	459.4	492.4	525.4	459.1	492.1	525.1	10	#2-B02	450.0	482.5	515.0	30	B04	485.0	490.0	495.6	SoilxVeg.,water/Bathym./Chlorophyll MAX.
500	Nat														B05	505.0	510.0	515.6	//Chlorophyll, sedim., turbid., red tide
560	*GREEN*	#3-B03	541.8	559.8	577.8	541.0	559.0	577.0	10	#6-B03	525.0	562.5	600.0	30	В06	555.0	560.0	565.6	Turbidity,oil//Chlorophyll MIN.
590	Nat									#1-B08	500.0	590.0	680.0	15					L-8 Panchromatic //
600	Nat													30	В07	615.0	620.0	625.6	//Sediment loading
660	*RED*	#5-B04	649.1	664.6	680.1	649.4	664.9	680.4	10	#5-B04	630.0	655.0	680.0	30	B08	660.0	665.0	670.6	Soil,veg//2nd Chl.MAX,sedim.,yellow subs.
670	RedEdge														В09	670.0	673.8	677.5	//Improved fluorescence,Surface Mix.Layer
680	RedEdge														B10	677.5	681.3	685.6	//Chlorophyll fluorescence peak
700	RedEdge	#6-B05	696.6	704.1	711.6	695.8	703.8	711.8	20						B11	703.8	708.8	713.8	Vegetation//Chl.fl.basel.
740	RedEdge	#8-B06	733.0	740.5	748.0	731.6	739.1	746.6	20						B12	750.0	753.8	757.5	Vegetation//O2 abs.,clouds,veg.
760	RedEdge														B13	760.0	761.3	762.5	//O2 abs.,clouds,veg.;aerosol corr.
765	RedEdge														B14	762.5	764.4	766.3	//Atmospheric correction
767	RedEdge														B15	766.3	767.5	768.8	//Cloud top press.,fluore.over land
780	RedEdge	#9-B07	772.8	782.8	792.8	769.7	779.7	789.7	20						B16	771.3	778.8	786.3	Vegetation//Atmos.corr.
830	NIR	#2-B08	779.8	832.8	885.8	779.9	832.9	885.9	10										Vegetation
860	NarrNIR	#10-B8A	854.2	864.7	875.2	853.0	864.0	875.0	20	#4-B05	845.0	865.0	885.0	30	B17	855.0	865.0	875.6	Vegetation//Atmos.aeros.corr.,clouds
880															B18	880.0	885.0	890.6	Vegetation//Water vapour reference; SLSTR
900															B19	895.0	900.0	905.6	//Water vapour abs.,Veg.(max.reflect.)
940	SWIR	#13-B09	935.1	945.1	955.1	932.7	943.2	953.7	60						B20	930.0	940.0	950.6	//Water vapour abs.,Atmos.aeros.corr.
1300	SWIR	#4-B10	1358.0	1373.5	1389.0	1361.9	1376.9	1391.9	60	#9-B09	1360.0	1375.0	1390.0	30	B21	1000.0	1020.0	1040.6	Cirrus cloud detection//Atmos.aeros.corr.
1600	SWIR	#7-B11	1568.2	1613.7	1659.2	1563.4	1610.4	1657.4	20	#8-B06	1560.0	1610.0	1660.0	30					Snow/ice/cloud disc>0.025;moist.soil-veg.//
2200	SWIR	#11-B12	2114.9	2202.4	2289.9	2093.2	2185.7	2278.2	20	#7-B07	2100.0	2200.0	2300.0	60					Fire/Snow/ice/cloud>0.015;moist.soil-veg.//
										#10-B10	TIRS1			100					/Thermal map, soil moist/
										B11	TIRS2			100					/Improved thermal map/
	OFFSET T		B02 to 1		09s / 1	2 tracks	5				0.96s /	14 tra	cks (FP	M)					
xamp		indices c																	
	NDVI	(B08-B04)/(B08+B04) (B03-B08)/(B03+B08)							(B05-B04)/(B05+B04) (B03-B05)/(B03+B05)						(B17-B0	8)/(B17	+B08)		

Sources: COMPOSITIONS: See List of composites

https://www.usgs.gov/faqs/what-are-best-landsat-spectral-bands-use-my-research?qt-news\_science\_products=0#qt-news\_science\_products

https://en.wikipedia.org/wiki/Sentinel-2

https://sentinel.esa.int/web/sentinel/technical-guides/sentinel-2-msi/msi-instrument

https://www.sentinel-hub.com/develop/documentation/eo\_products/Sentinel2EOproducts

https://sentinel.esa.int/web/sentinel/user-guides/sentinel-3-olci/resolutions/radiometric

\*L8:The along-track spectral band separation leads to an approximately 0.96-second time delay between the leading and trailing bands.

This time delay creates a small but significant terrain parallax effect

https://earth.esa.int/web/eoportal/satellite-missions/content/-/article/landsat-8-ldcm