

## Landsat (USGS Landsat 9 Level 2, Collection 2, Tier 1)

| Bands | Wavelength                | Description  |
|-------|---------------------------|--|
| SR_B1 | 0.435-0.451 $\mu\text{m}$ | Band 1 (ultra blue, coastal aerosol) surface reflectance |
| SR_B2 | 0.452-0.512 $\mu\text{m}$ | Band 2 (blue) surface reflectance                        |
| SR_B3 | 0.533-0.590 $\mu\text{m}$ | Band 3 (green) surface reflectance                       |
| SR_B4 | 0.636-0.673 $\mu\text{m}$ | Band 4 (red) surface reflectance                         |
| SR_B5 | 0.851-0.879 $\mu\text{m}$ | Band 5 (near infrared) surface reflectance               |
| SR_B6 | 1.566-1.651 $\mu\text{m}$ | Band 6 (shortwave infrared 1) surface reflectance        |
| SR_B7 | 2.107-2.294 $\mu\text{m}$ | Band 7 (shortwave infrared 2) surface reflectance        |

## (Sentinel)Harmonized Sentinel-2 MSI: MultiSpectral Instrument, Level-2A

| Bands | Wavelength                         | Description | PIXEL(METERS |
|-------|------------------------------------|-------------|--------------|
| B1    | 443.9nm (S2A) /<br>442.3nm (S2B)   | Aerosols    | 60           |
| B2    | 496.6nm (S2A) /<br>492.1nm (S2B)   | Blue        | 10           |
| B3    | 560nm (S2A) /<br>559nm (S2B)       | GREEN       | 10           |
| B4    | 664.5nm (S2A) /<br>665nm (S2B)     | RED         | 10           |
| B5    | 703.9nm (S2A) /<br>703.8nm (S2B)   | Red Edge 1  | 20           |
| B6    | 740.2nm (S2A) /<br>739.1nm (S2B)   | Red Edge 2  | 20           |
| B7    | 782.5nm (S2A) /<br>779.7nm (S2B)   | Red Edge 3  | 20           |
| B8    | 835.1nm (S2A) /<br>833nm (S2B)     | NIR         | 10           |
| B8A   | 864.8nm (S2A) /<br>864nm (S2B)     | Red Edge 4  | 20           |
| B9    | 945nm (S2A) /<br>943.2nm (S2B)     | Water vapor | 60           |
| B11   | 1613.7nm (S2A) /<br>1610.4nm (S2B) | SWIR 1      | 20           |
| B12   | 2202.4nm (S2A) /<br>2185.7nm (S2B) | SWIR 2      | 20           |

**(MODIS)MCD15A3H.061 MODIS Leaf Area Index/FPAR 4-  
Day Global 500m**

| BANDS      | WAVELENGTH | DESCRIPTION  |
|------------|------------|--|
| Fpar       | 400-700nm  | FPAR absorbed by the green elements of a vegetation canopy   |
| Lai        |            | One-sided green leaf area per unit ground area in broadleaf canopies; one-half the total needle surface area per unit ground area in coniferous canopies |
| FparLai_QC |            | Quality for Lai and Fpar   |