



Land Surface Temperature Datasheet

LST is the radiative skin temperature (in degree Kelvin) over land. It plays an important role in the physics of land surface as it is involved in the processes of energy and water exchange with the atmosphere. LST values are of special interest for meteorology, hydrology, agrometeorology, climatology and environmental studies.

Properties

| | |
|-----------------------------|-----------------------|
| Sensor: | MSG/SEVIRI |
| Since: | 01-05-2015 |
| Spatial Resolution: | 3 KM |
| Temporal Resolution: | 1day, 10day |
| Extent: | Africa |
| Format: | Geotiff |
| Source: | JRC via MESA stations |

LST products available

| Derived products | Description | Available |
|------------------|-------------------------------------|----------------|
| 10d15min | Statistics (15min max over 10 days) | since 1/5/2015 |
| 1dmax | Indicator: LST maximum over 1 day | since 1/5/2015 |
| 10dmax | Indicator: LST maximum over 10 day | since 1/5/2015 |
| 10dmin | Indicator: LST minimum over 10 day | since 1/5/2015 |