

# Mensual composition

## A sentinel-Hub temporal script

A list of monthly composites with direct access to the Sentinel-hub temporal image is available in this slide.



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# Description

Optical remote sensing is by definition very sensitive to clouds 

This script has been developed in order to have a monthly composition of every place in the world and search for the best pixel available by looking to a band ratio :

- When blue < 0.12, date is chosen where max ratio of B08 against B02.
- When blue < 0.45, date is chosen where max ratio of B03 against B02.
- If water is detected, date is chosen where max ratio of B02 against B08.
- If snow is detected, median of pixel where snow is detected.



# Lac léman, composite from 2019-03-29





# South Madagascar, composite from 2019-04-26 (zoom 1)





# South Madagascar, composite from 2019-04-26 (zoom 2)





# South Madagascar, composite from 2019-04-26 (zoom 3)





# **Pyrénées, monthly composite from 2019-01-31 (1/2)**

**This is what happens is not enough uncloudy images are available**





# Pyrénées, monthly composite from 2019-02-28 (2/2)

In february, enough images to have the full extent cloud free !





# Alpes, monthly composite from 2019-02-28





# Corsica, monthly composite from 2019-01-30 (1/3)





# Corsica, monthly composite from 2019-02-28 (2/3)





# Corsica, monthly composite from 2019-03-29 <sup>(3/3)</sup>





