

# Monthly snow report

## A sentinel-Hub temporal script

A list of snow month synthesis with direct access to the Sentinel-hub temporal image is available at the end of this slide.



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# Description (1/2)

Tired of waiting the perfect image with no cloud to show the snow cover ? 😞

This monthly snow report script is for you 😎

This code will find where **the snow ❄️ is persistent for the last 30 days** (from the chosen date).

In order to well represent the land-cover, the script will store each pertinent date in a list and will represent the median value.

# Description (2/2)

As the aim of the script is to represent the snow cover, all the other land-cover are saturated in green in order to easily see the snow ❄️.

The limitations are essentially :

- a few white rooftops 
- when no uncloudy pixel is available in the previous 30 days 

Thus, it is possible to make the script working with **90** days in order to have a trimonthly synthesis by changing settings to :

```
numberOfMonthsToUse = 3.
```

# Corsica, snow month report, 2019-01-29



Persistent snow cover in January 2019 in Corsica

# Corsica, snow month report, 2019-02-28



Persistent snow cover in February 2019 in Corsica

# Corsica, snow month report, zoom, 2019-02-28



Zoom from the previous image

# Pyrénées, snow month report, 2019-03-30



Pyrénées persistent snow cover in March 2019

# Chamonix, snow month report, 2019-04-24



Mer de Glace / Alpes persistent snow cover in the previous 30 days of 24 april 2019.