***Snow Water Equivalent***

**Spatial Resolution:** ≈ 10 km

**Time Resolution:** Daily

**Unit:** mm

**Null value:** -7.34536e-22

**Bounding Box:** 6.75 E ,45.15 N; 7.95 E, 46.05 N (see NODES\_Mask.shp or NODES\_Mask.kml)

**EPSG:** 4326

**Data Provider:** ERA5-Land dataset available from Google Earth Engine

**References**:

Muñoz-Sabater, J., Dutra, E., Agustí-Panareda, A., Albergel, C., Arduini, G., Balsamo, G., Boussetta, S., Choulga, M., Harrigan, S., Hersbach, H., Martens, B., Miralles, D. G., Piles, M., Rodríguez-Fernández, N. J., Zsoter, E., Buontempo, C., and Thépaut, J.-N.: ERA5-Land: a state-of-the-art global reanalysis dataset for land applications, Earth System Science Data, 13, 4349–4383, https://doi.org/10.5194/essd-13-4349-2021, 2021.

***Snow Cover Area by using Normalized Difference Snow Index threshold method***

**Spatial Resolution:** 20 m (native resolution); ≈40 m (resolution that makes possible the download from Google Earth Engine due to the large area)

**Time Resolution:** ≈ 4 days

**Unit:** Binary;1: Snow; 0: No-Snow

**Bounding Box:** 6.75 E ,45.15 N; 7.95 E, 46.05 N (see NODES\_Mask.shp or NODES\_Mask.kml)

**EPSG:** 4326

**Data Provider:** Sentinel-2 L2A (atmospherically corrected) dataset available from Google Earth Engine.

**References:**

Dozier, J.: Spectral signature of alpine snow cover from the landsat thematic mapper, Remote Sensing of Environment, 28, 9–22, https://doi.org/10.1016/0034-4257(89)90101-6, 1989.