

Introduction

HSAF snow cluster

Figure 6. HSAF Snow cluster domain

Description of the products

Mountain mask

Figure 8. Mountain mask for H12, H35 and H13 products

Algorithms

References

- Piazzi, G.; Tanis, C.M.; Kuter, S.; Simsek, B.; Puca, S.; Toniazzo, A.; Takala, M.; Akyürek, Z.; Gabellani, S.; Arslan, A.N. "Cross-Country Assessment of H-SAF Snow Products by Sentinel-2 Imagery Validated against In-Situ Observations and Webcam Photography", *Geosciences*. 9, 129, 2019.
- Surer, S., J. Parajka, and Z. Akyurek, "Validation of the operational MSG-SEVIRI snow cover product over Austria", *Hydrol. Earth Syst. Sci.* 18, 763–774, 2014

Validation results

Figure 13 Results of continious validation study for H13 product

Figure 17. Seasonal RMSE of H12 using Sentinel -2 imagery (Piazzì et al., 2019)