

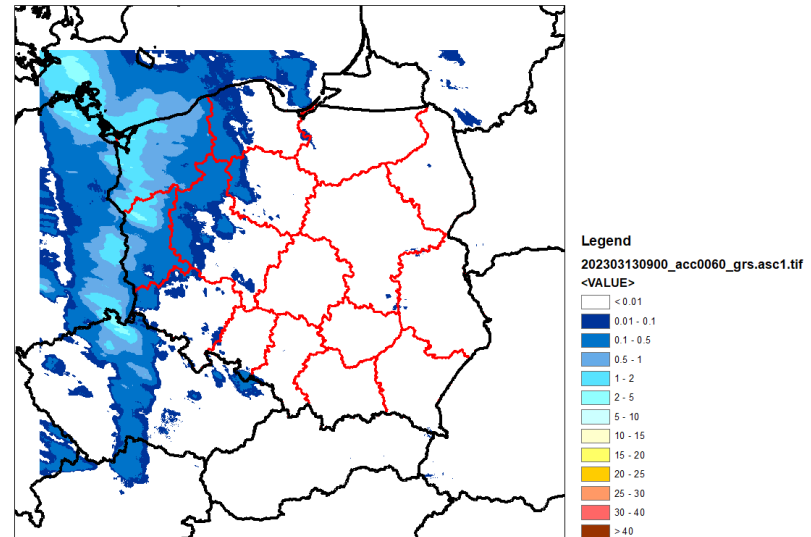
14.9 Satellite precipitation products behavior in cold season conditions in Poland – cases studies analysis

Bożena Łapeta, Tobiasz Górecki and Artur Rutkowski

The ability of H-SAF (H-61, H64) and GPM (IMERG v.70) satellite precipitation products to estimate cold season precipitation occurred in Poland was analyzed.

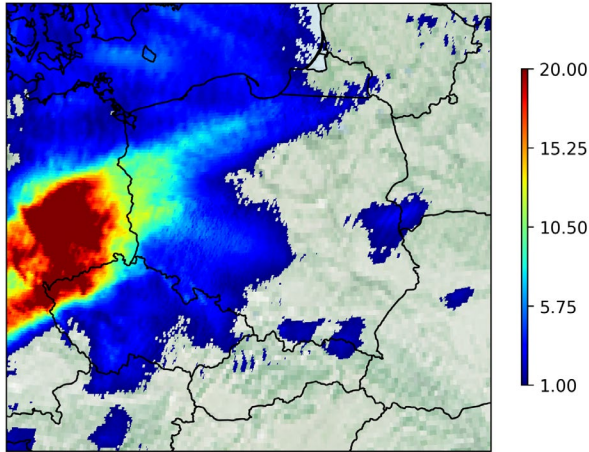
Winter precipitation in Poland is usually caused by extra-tropical cyclones and related frontal systems passing over the country. These are usually light and moderate rainfall.

The the combined product RainGRS was used as ground reference.
G-gauge, R-radar, S-satellite (NWC SAF precipitating clouds)



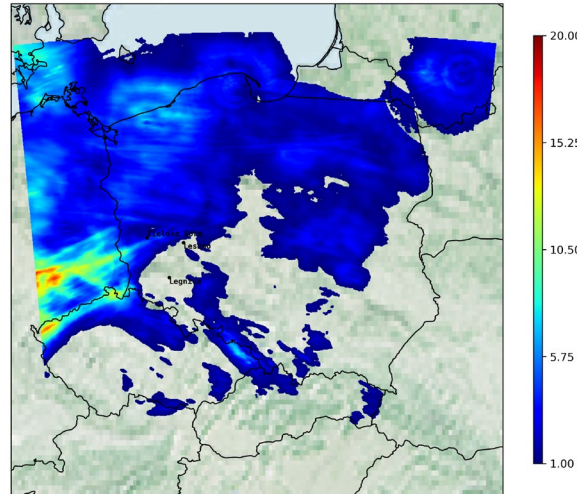
H-SAF H61

H61 24h 2023-03-14 00:00



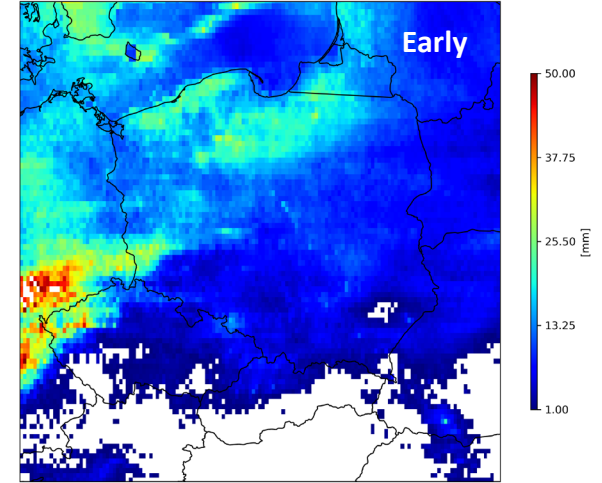
RainGRS

RainGRS 24h 2023-03-14 00:00

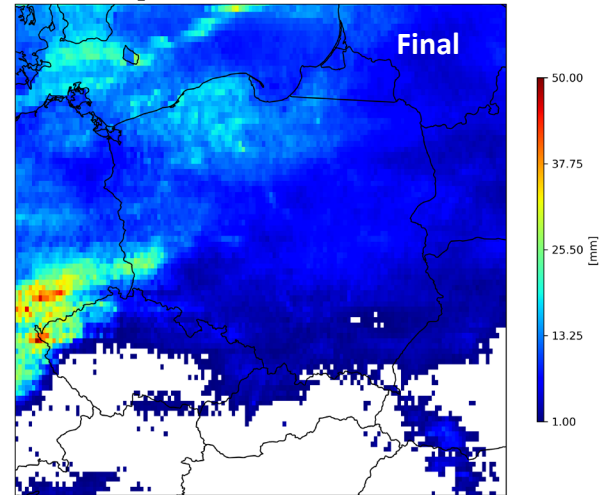


IMERG v.7.0

IMERG_24h 2023-03-13 (3B-DAY-E.MS.MRG.3IMERG)



IMERG_24h 2023-03-13 (3B-DAY.MS.MRG.3IMERG)



H-SAF H64

h64 24h 2023-03-14

