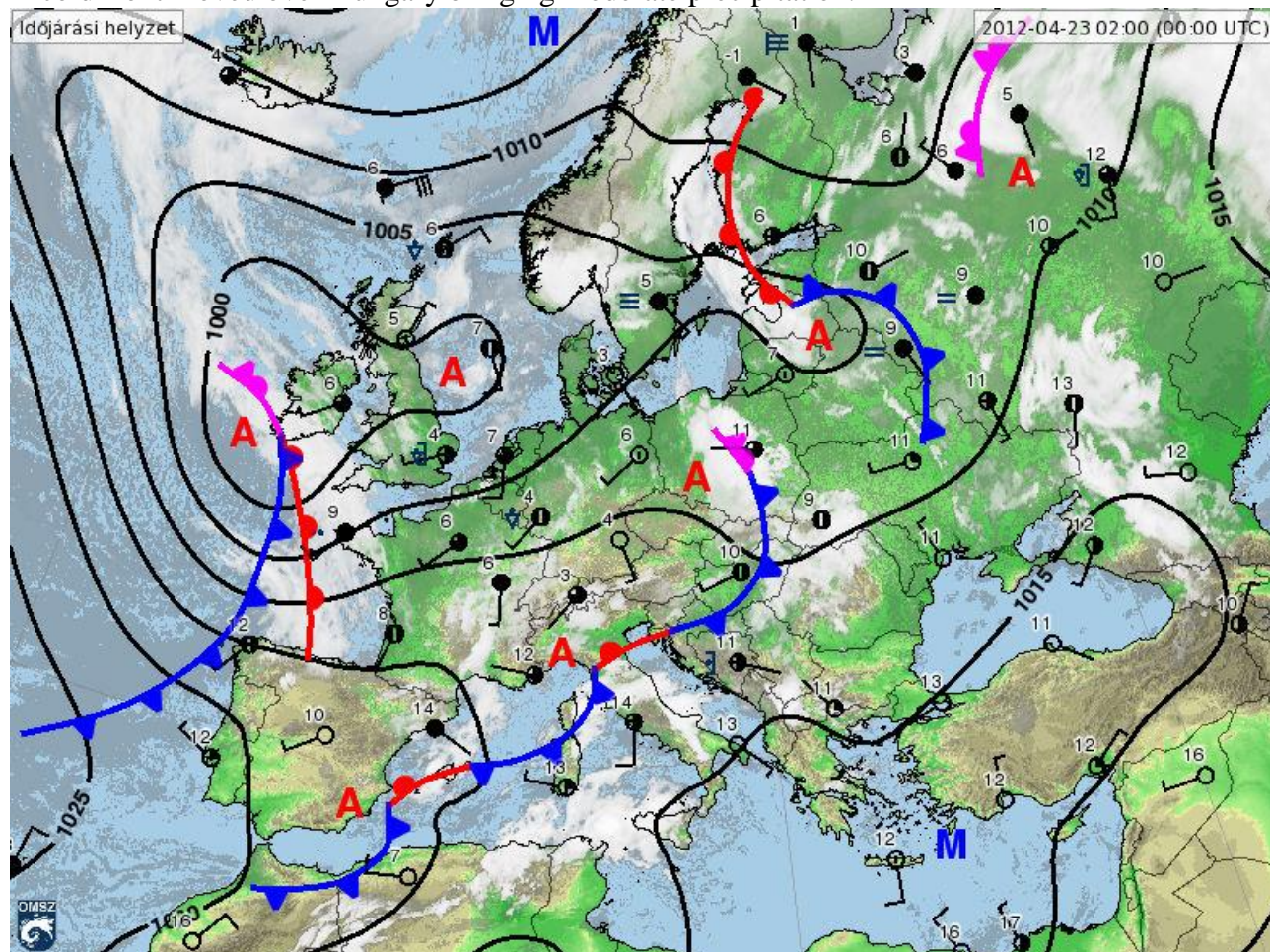


PRODUCT NAME: PR-OBS-5		
CASE STUDY PERIOD: 23 April 2012	METEOROLOGICAL EVENT: a cold front over Central Europe	
VALIDATION INSTITUTE: OMSZ- Hungarian Meteorological Service	Responsible: Judit Kerényi	Contact point: kerenyi.j@met.hu
PRODUCT DEVELOPER INSTITUTE: CNR- ISAC	Developers: Mugnai A. , Sanò P.	Contact point: a.mugnai@isac.cnr.it
OPERATIONAL CHAIN INSTITUTE: CNMCA	Responsables: Zauli F, Melfi D.	Contact point: zauli@meteoam.it

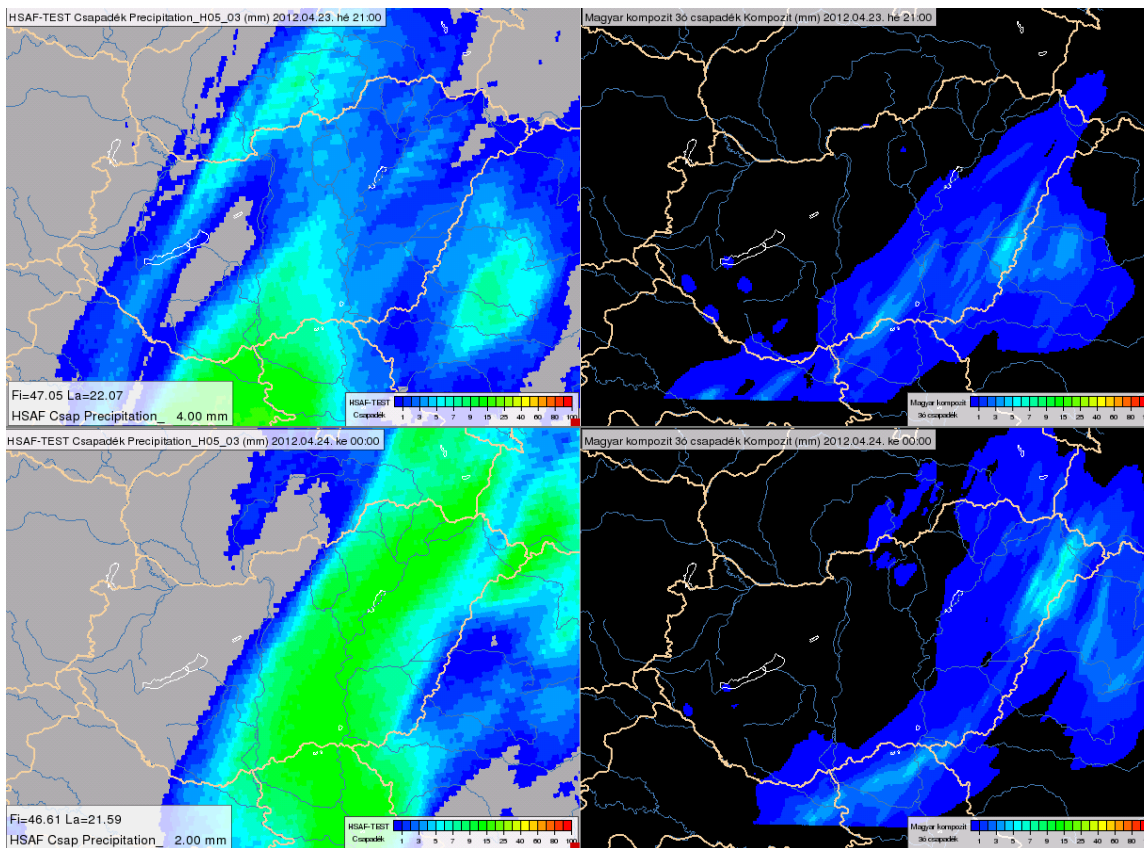
METEOROLOGICAL EVENT DESCRIPTION

A cold front moved over Hungary bringing moderate precipitation.



DATA/PRODUCTS USED

precipitation rate information from the Hungarian radar network (right panel)
precipitation rate information from the H05 product (left panel)



3 hour precipitation field at 21, 00 UTC

RESULTS OF COMPARISON

As you can see the H05 product overestimated the precipitation field of the cold front both in territory and in intensity. H05 gave precipitation to the middle part of Hungary while the radar did not measure any precipitation. If we compare the values the H05 gave higher values than radar measured.

COMMENTS

The H05 overestimated the precipitation fields of the cold front. In most cases H05 overestimates the precipitation intensity.

INDICATION TO DEVELOPERS

It seems that further studies are needed at H05 to derive the correct intensity.