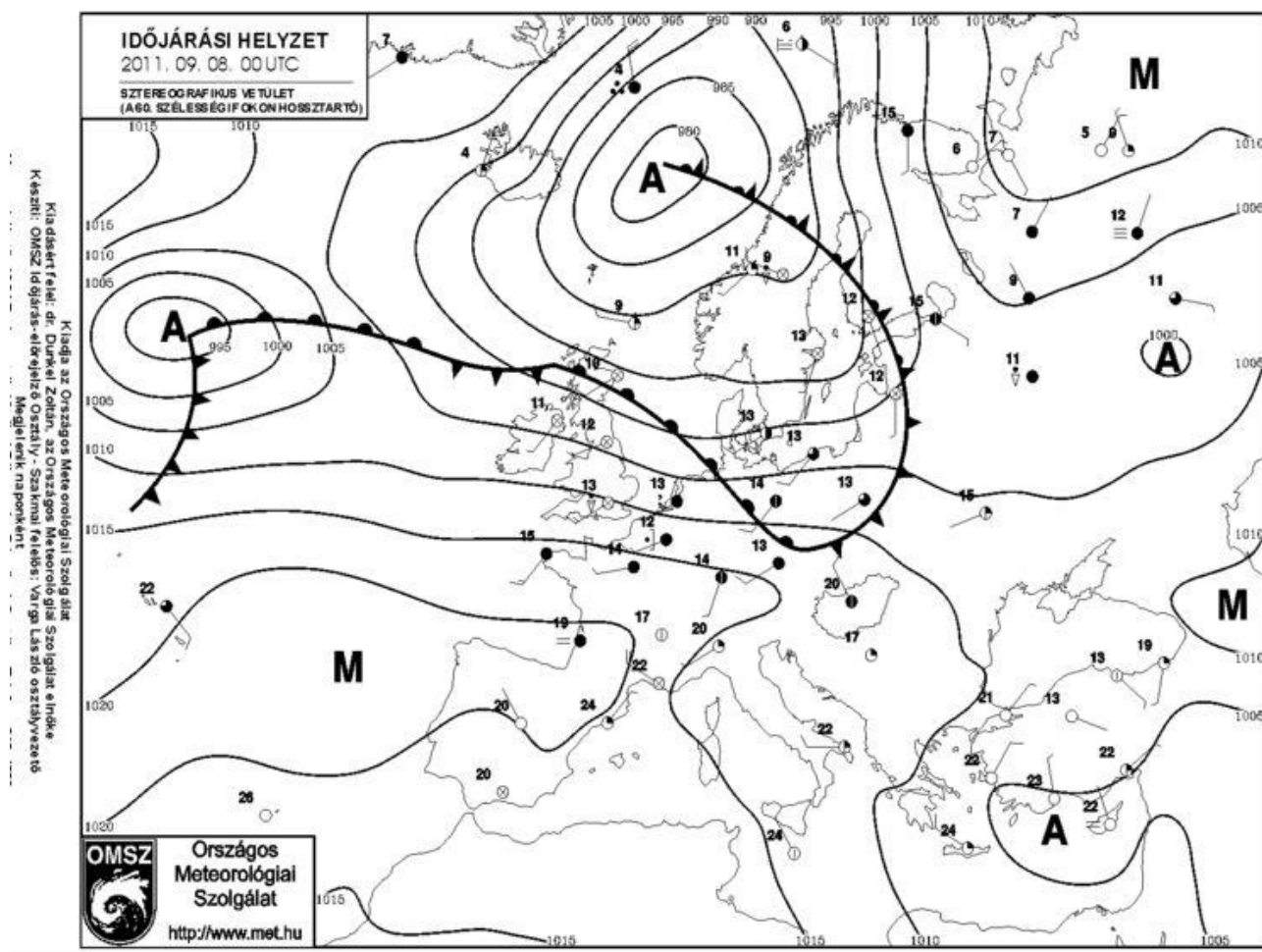


PRODUCT NAME: PR-OBS-H01v1.5		
CASE STUDY PERIOD: 08 September 2011	METEOROLOGICAL EVENT: a frontal line from Scandinavia through Central Europe to Ireland	
VALIDATION INSTITUTE: OMSZ- Hungarian Meteorological Service	Responsible: Judit Kerényi	Contact point: kerenyi.j@met.hu
PRODUCT DEVELOPER INSTITUTE: 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

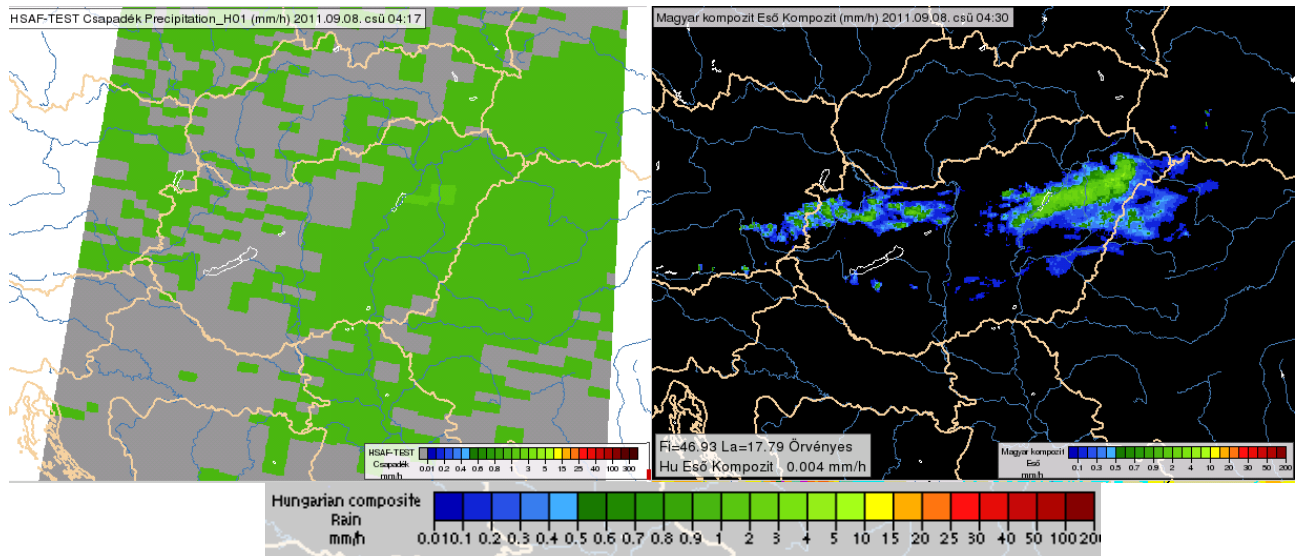
METEOROLOGICAL EVENT DESCRIPTION

E frontal line derived the weather of North and Central Europe. Because of this frontal zone the whole Hungary was covered by cloud. During the day few mm precipitation was raining.



DATA/PRODUCTS USED

precipitation value from the Hungarian radar network (right panel)
precipitation value from the H01 product (left panel)



RESULTS OF COMPARISON

Stratiform cloud covered the large part of country, but only a part of this cloud caused rain.

COMMENTS

At frontal cases the H01 overestimates the precipitation, while at convective cases it derives correctly the rain intensity.

INDICATION TO DEVELOPERS

It seems that further studies are needed at H01 at frontal cases.