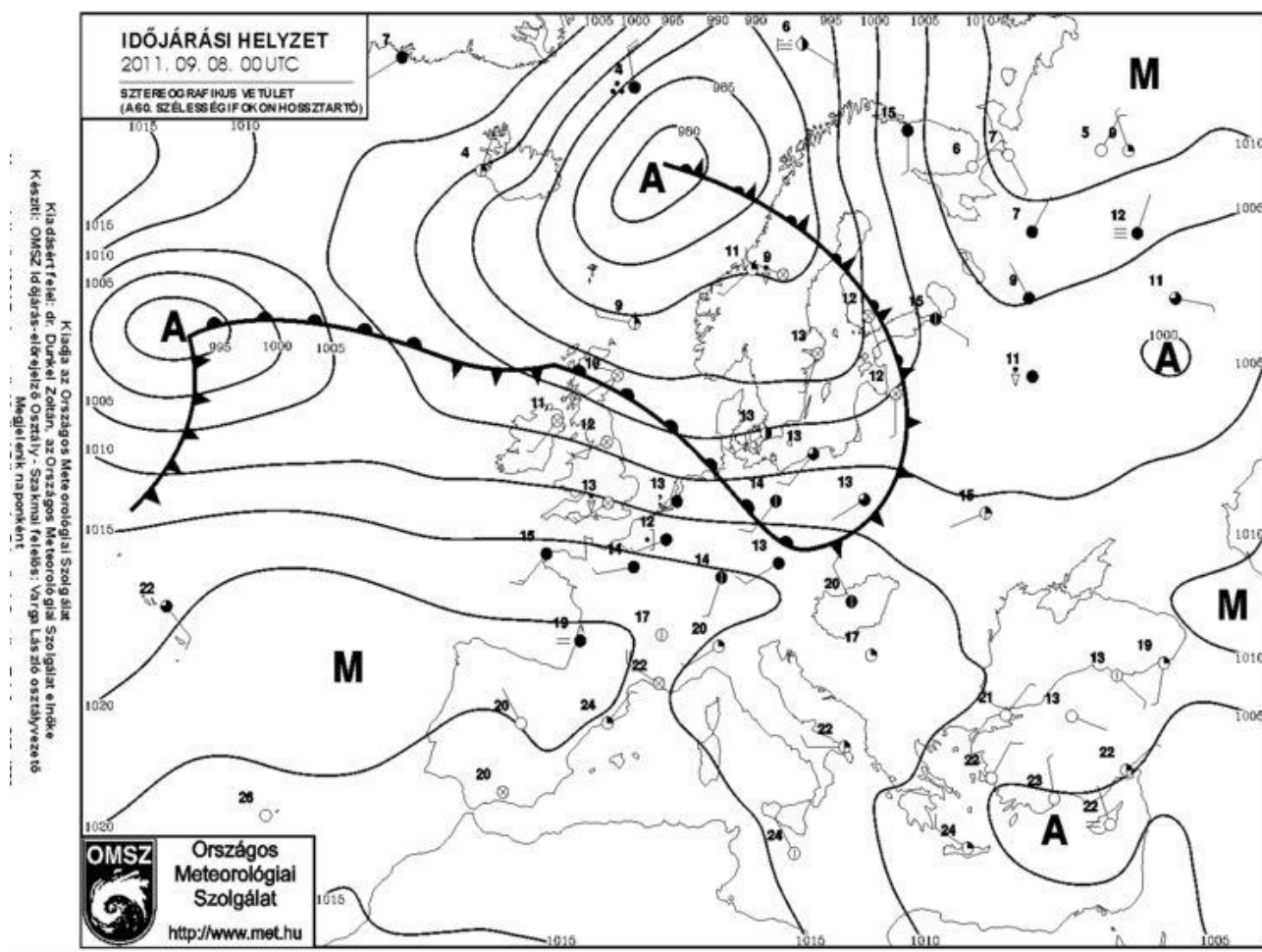


<b>PRODUCT NAME:</b> PR-OBS-H01v1.5		
<b>CASE STUDY PERIOD:</b> 08 September 2011	<b>METEOROLOGICAL EVENT:</b> a frontal line from Scandinavia through Central Europe to Ireland	
<b>VALIDATION INSTITUTE:</b> OMSZ- Hungarian Meteorological Service	<b>Responsible:</b> Judit Kerényi	<b>Contact point:</b> kerenyi.j@met.hu
<b>PRODUCT DEVELOPER INSTITUTE:</b> CNR- ISAC	<b>Developers:</b> Mugnai A. , Sanò P.	<b>Contact point:</b> <a href="mailto:a.mugnai@isac.cnr.it">a.mugnai@isac.cnr.it</a>
<b>OPERATIONAL CHAIN INSTITUTE:</b> CNMCA	<b>Responsables:</b> Zauli F, Melfi D.	<b>Contact point:</b> <a href="mailto:zauli@meteoam.it">zauli@meteoam.it</a>

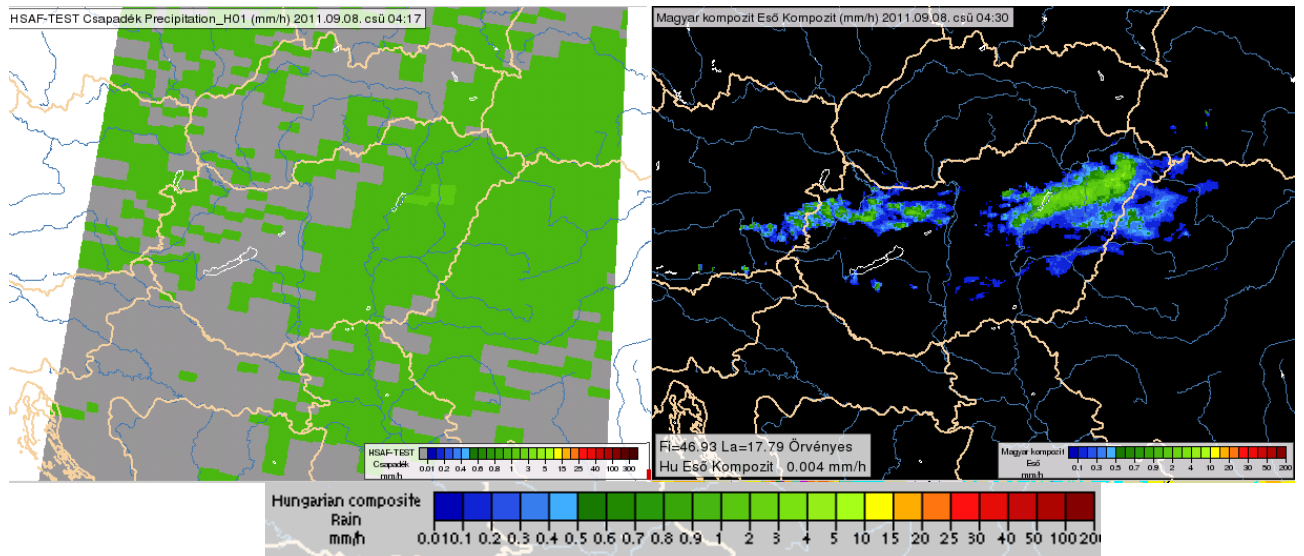
### METEOROLOGICAL EVENT DESCRIPTION

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.