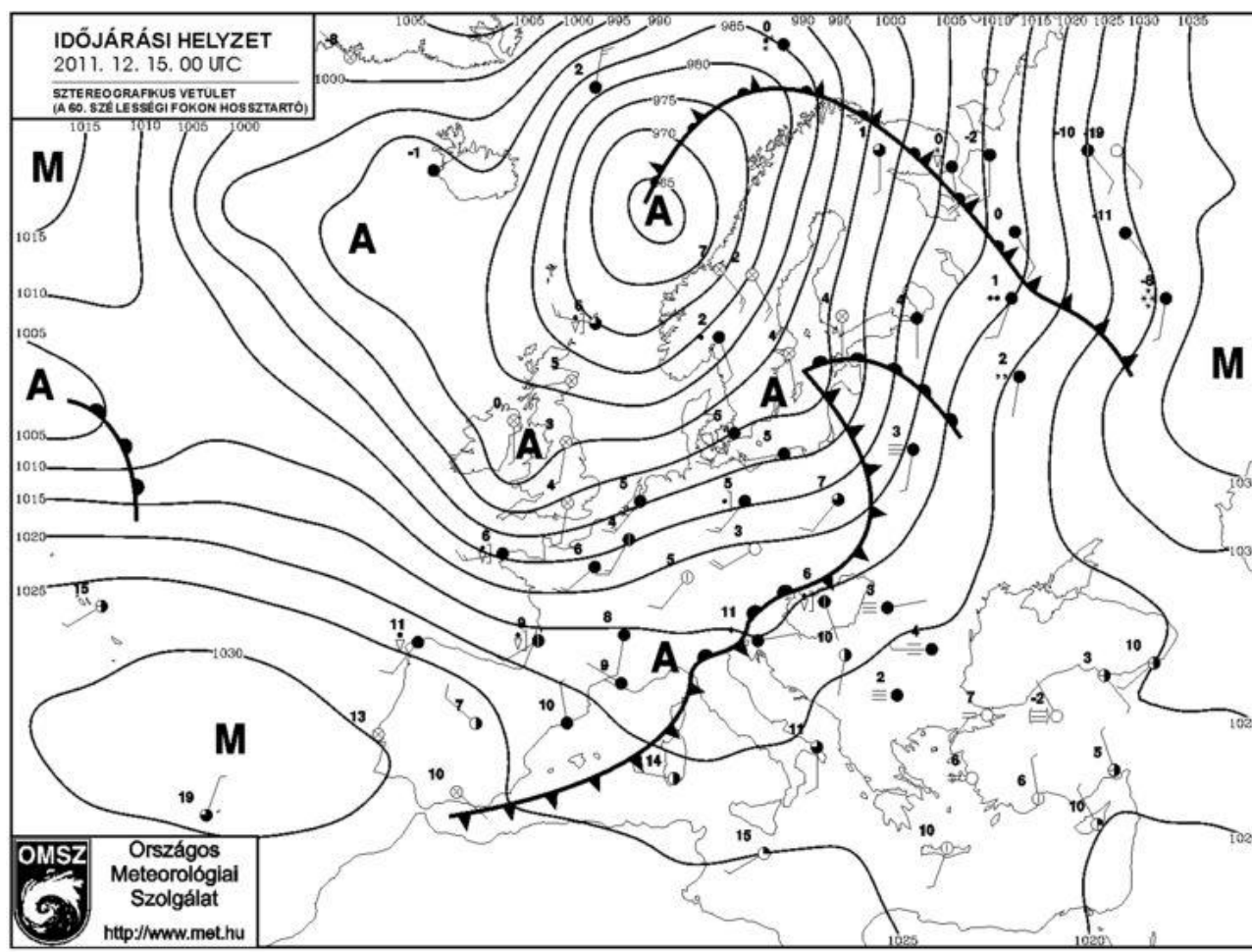


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|--|--|---|
| <b>PRODUCT NAME:</b> PR-OBS-H02v2.3                                    |  |   |
| <b>CASE STUDY PERIOD:</b> 15 December 2011                             | <b>METEOROLOGICAL EVENT:</b> a frontal line from Scandinavia through Central Europe to Mediterranean |   |
| <b>VALIDATION INSTITUTE:</b> OMSZ-<br>Hungarian Meteorological Service | <b>Responsible:</b><br>Judit Kerényi   | <b>Contact point:</b><br>kerenyi.j@met.hu   |
| <b>PRODUCT DEVELOPER INSTITUTE:</b><br>CNR- ISAC                       | <b>Developers:</b><br>Mugnai A. , Sanò P.  | <b>Contact point:</b><br><a href="mailto:a.mugnai@isac.cnr.it">a.mugnai@isac.cnr.it</a> |
| <b>OPERATIONAL CHAIN INSTITUTE:</b><br>CNMCA                           | <b>Responsables:</b><br>Zauli F, Melfi D.  | <b>Contact point:</b><br><a href="mailto:zauli@meteoam.it">zauli@meteoam.it</a>         |

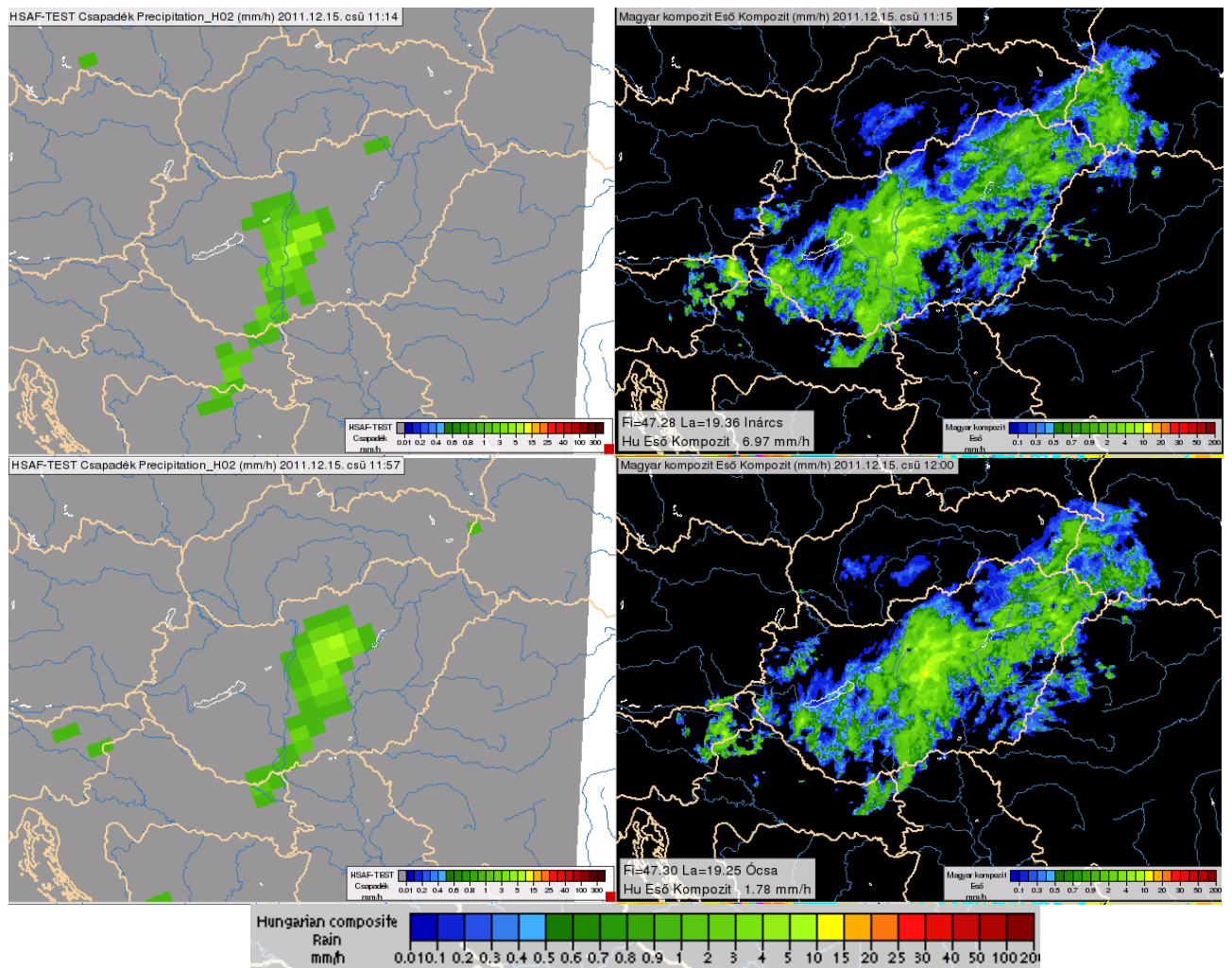
### METEOROLOGICAL EVENT DESCRIPTION

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 H02 product (left panel)



## RESULTS OF COMPARISON

H02 detected well in the middle part of Hungary the moderate precipitation field during the day. The highest rain intensity is derived correctly by H02. But at the west and east part of Hungary the lower precipitation field was not detected.

## COMMENTS

During this event, the H02 did not detect the precipitation (especially light) compared to radars.

## INDICATION TO DEVELOPERS

It seems that further studies are needed at H02 at the light precipitation events..