NEW DEVELOPMENT OF THE O&SI SAF SEA ICE PRODUCTS

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ABSTRACT

The Ocean & Sea Ice SAF Sea Ice products have been operationally available since July 2002 (http://saf.met.no/). The products are generated daily in near real time on a 10 km polar stereographic grid covering the North Atlantic from 50 N to the North Pole. The multi sensor sea ice algorithm is designed to utilize data from several instruments and is implemented and evaluated for use of SSM/I, ERS scatterometer and AVHRR data. However the current satellite data input are SSM/I brightness temperatures.

As a part of the operational phase of the O&SI SAF there are ongoing activities on further development of the sea ice products. These activities are:

1. Extension of the sea products to global coverage.
2. Use of QuikSCAT scatterometer data.
3. Utilization of data from the AVHRR 1.6 um channel

The poster presentation will give the status on these activities.