



## SMHI Content™

*SMHI has launched a new way of product classification during spring 2008. All products included in "Weather for Energy" will be divided into three different product segments to facilitate for our customers.*

*Our new product segments are SMHI Edge™ - products when time is crucial, SMHI Added™ - products that have added value with SMHI knowledge and competence and SMHI Content™ - products regarding e.g. data, GRIB files, climate parameters and historical data.*

SMHI Content™ is our segment of products based on model data and forecasts from models as EC and/or GFS, delivered to you according to your requirements. SMHI Content™ also includes products for climate parameters, historical data and observations.

Potential SMHI Content™ customers are anyone depending on weather parameters for decision-making.

If you require the fastest access of weather data into your line-of-business applications, please see SMHI Edge™.

If you are interested in products enhanced by SMHI developed models, data bases and/or our meteorologists, take a look at the SMHI Added™ segment.

We call it SMHI WeatherSync® – our way of working.

**SMHI**

## Examples on products included in SMHI Content™

### Model output 1-10 day EC forecast

Model output in standard data format delivered at 04.30 CET as daily mean values or six hour time steps. Parameters are temperature precipitation, wind, and cloudiness. For other set ups contact sales. If you require our fastest access, please see SMHI Edge™.

### Model output 1 up to 15 day Ensemble forecast

Model output in standard data format delivered at 04.30 CET as daily mean values or six hour time steps. Parameters are temperature precipitation and wind speed. For other set ups contact sales. If you require our fastest access, please see SMHI Edge™.

### SMHI Wind Light

Calculated wind production in wind speed and wind direction. This is a 3-days forecast for your selected area and/or windmills. The product is updated once a day, but it can be delivered twice a day at your request.

### EC Day 0-9 map

Temperature, pressure and precipitation forecasts for 10 days ahead are shown in colour coded maps for Scandinavia and Central Europe.

### EC Comparisons Day 0-9 map

Displays for example the deviation from normal values for the Operational run and the Ensembles Mean, and the difference between the two latest EC Operational forecasts.

### Epsogram

ECMWF Ensemble forecasts for temperature and precipitation together with the Operational forecast for a selection of locations in France, United Kingdom, Netherlands, Belgium, Germany, Norway, Finland, Denmark and Sweden.

### Main City Forecasts

A 10 day city forecast of daily mean temperature in United Kingdom, France, Germany, Denmark and BeNeLux.

### Temp-Risk

Diagrams that will be warning you for the risk of high spot-prices, due to either high or low temperatures in the main cities in Europe.

### GFS Day 0-15, map

Temperature, pressure and precipitation forecasts for 15 days ahead are shown in colour coded maps for Scandinavia and Central Europe.

### SMHI PreIObs

In order to get early and accurate indicators of actual observations of temperature and precipitation, this is a combination of observations and the HIRLAM forecast model. This gives you the possibility to get for example a 24 hour value before the observation period has ended. SMHI PreIObs are offered for a number of positions in Europe.

### Historical data

SMHI can provide all types of historical data for Swedish locations for the time period between 1961- now. We can also provide mean temperature, maximum- and minimum temperature and daily mean precipitation for the time period between 1931- 1960 at a selection of locations in Sweden.

Historical data for locations outside of Sweden can be provided as well. You will find more information under SMHI Added.

### Observations

You can see actual temperature observations from the previous hour shown in a European map, daily mean precipitation for the last 24 hours in Scandinavia and/or daily mean temperature anomalies for the last 24 hours in Europe.

### Precipitation Anomaly Index

The index takes into account the forecasted precipitation in terms of deviations from normal values in the inflow areas of the 17 most important waterstores/rivers in Norway and Sweden. It is presented as a diagram on our website.

### Temperature Anomaly Index

The index takes into account the forecasted daily mean temperatures for the load areas in Europe in terms of deviations from normal temperatures. It is presented as a diagram on our website.

### RADAR and Satellite images

SMHI can provide you with all sorts of RADAR and satellite images over Europe. Please contact our sales staff for more information.

### For further information contact our sales personnel

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