

PRODUCTSHEET

CUSTOMIZED WEATHER ALERTS – WIND AND SNOW

SMHI's Weather Alerts for Wind and Snow is designed to minimize risk and impact from extreme weather. Containing all you need to be able to plan and act before strong winds and large amounts of snow hits your areas of interest. Before severe weather occurs, you will be alerted via SMS or e-mail. You are able to review details and follow the weather development in the web interface. Our experienced meteorologists are ready to answer your questions day and night if it is hard to interpret the weather development or uncertainties in the forecasts.



SMHI WEATHER ALERTS – WIND AND SNOW

INCLUDES:

- Weather alerts via SMS or e-mail if strong winds or large amounts of snow are expected in your alert area.
- Customized web interface.
- Wind and snow forecasts based on probability data monitored by meteorologist.
- A possibility to consult our meteorologists at any time.
- Weather maps with radar and forecast maps (wind, snow, precipitation and temperature)
- Frequent forecast updates, every 3 hours.
- A good overview of your weather alerts and alert areas.
- 7-day forecasts showing the probability and uncertainties in the forecast
- SMHI Weather Stations and Mesoscale Analysis
- Text comments describing the alerts and model data

WIND AND SNOW IN THE WEB INTERFACE

Forecast maps and weather alerts are shown for the coming two days in the web interface. It is easy to understand what is most important for the moment. When you receive an SMS or e-mail you simply click on the link to view the parameter with a risk, then quickly identify the weather development, risk for impact and when the culmination is expected. Text comments from the meteorologists are easy to find next to the map, and are updated 3 times / day (at 06, 12 and 18) during the winter and 1 time / day during the summer. The comment describes day 1 and day 2 and is extended on Fridays and valid over the weekend. The web interface also includes radar images, Mesoscale Analysis, SMHI observations and 7 days forecasts which shows the probability and uncertainties in the forecast.

HOW DOES THE ALERTS SYSTEM WORK?

A weather alert is sent via SMS or e-mail if there is a risk of strong winds or large amounts of snow. If the threshold value is exceeded in a later forecast update a new weather alert is sent.

- The following threshold values is possible to choose for wind alerts: 15, 20, 25 or 30 m/s during the next 48 hours.
- The following threshold values is possible to choose for snow alerts: 10, 15, 20 or 30 mm of snow (melted form) during the next 48 hours.

Set-up of alert area is done by drawing the area on a map or you can simply send us coordinates for your area of interest. It is also possible to show your business area or a point of interest in the background of the forecast map, with a Shape-file of the area.

CONSULT THE METEOROLOGIST

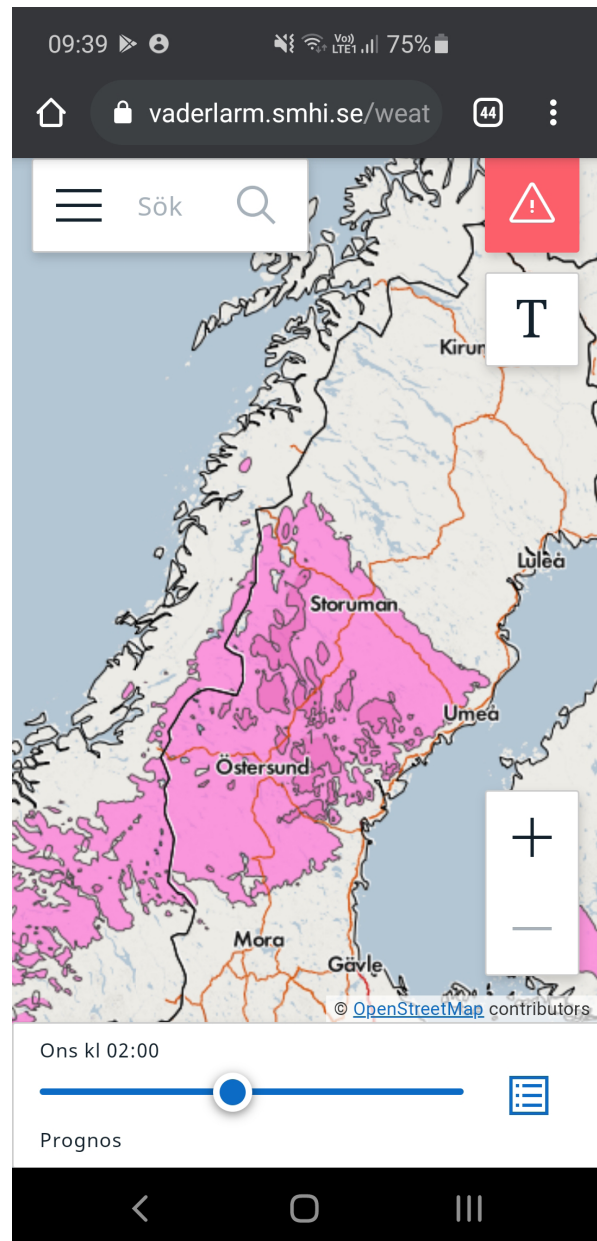
If the weather development or the risk of impact is hard to get a grip on – call our experienced meteorologists! Sometimes it feels better to get guidance from an expert. That's why consultation with our experienced meteorologists is included as part of the service. You can call our meteorologist at any time to get answers to your questions. It is also possible to set up a video briefing with the meteorologist.

ADDITIONAL SERVICES

If your business is also affected by thunder and lightning or if you want to be able to use the Lightning Archive all year round, subscribe to Weather Alarm Total, a service that runs all year around. During the summer, you have access to Weather Alarm thunder and lightning.

SMHI also offer an extra option where the meteorologist assesses the probability of thunder, strong winds and large amounts of snow for 3-7 days ahead.

It is also possible to sign up for SMHI's Service for Extreme Weather. In very extreme weather conditions such as storms it can be reassuring to have access to a personal meteorologist, whose task is to deliver weather information according to your wishes.

**For further information, please contact:**

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