

Hardware ownership

Snowunit owns the hardware, and the weather stations are only available for loan to collect the necessary data to deliver the service. The price paid is therefore only a subscription price for the service.

There are two main reasons for this:

1. Snowunit does not want the customer to be left with electronics that are not in use at the end of the subscription.
2. It will be Snowunit's responsibility to ensure that the customer has functioning hardware and carry out the necessary upgrades at no cost to the customer.

Subscription

Snowunit is an annual subscription service that provides insight into local weather conditions. In addition to the local weather conditions measured with the local weather stations, the sources of information are retrieved and processed in a cloud service. This cloud service consists of API endpoint, data storage, connectivity of weather stations, current and weather forecast, positioning services, calculations, dashboard, report generator and management of weather stations. All these services are ongoing and costly. It is therefore essential that the service is a subscription that covers these ongoing costs for Snowunit.

The products included in the subscription service are:

- Online local weather stations
- Dashboard for real-time and historical data
- Setup of alarms at thresholds for notification
- Daily reporting of the next 72 hours with weather forecast
- Daily reporting of elevation modeling.

Cancellation of subscription

To unsubscribe from Snowunit, you must send an email to post@snowunit.com by 1 October. The service will then end and you will not need to pay for the next season which starts on 1 October. You will receive a confirmation with instructions for where to return the weather stations.

Reporting

Daily reporting occurs once a day, and is only sent out during the winter season. To avoid sending unnecessary reports, there can be a threshold that prevents useless reports from being sent. The reports are sent to the email address registered at each organisation.

Season

A season starts on 1 October and ends on 31 May. In the summer, the service does not run,

but is maintained and updated to be as good as possible until the season starts again. You will keep all your data and your login details will be the same next season.

Payment

The subscription is paid in advance of the season and is paid in one payment. The invoice is sent out during October, and must be paid within 30 days. In the event of non-payment, reminders and debt collection will be incurred. Once the full amount has been paid, the service is active for the entire season.

Disclaimer

We cannot guarantee that neither the measurements from sensors nor data obtained from other sources are correct. It is therefore necessary to double-check that this agrees with the actual conditions, before making decisions based on the system. We also cannot guarantee the uptime or reliability of the system, and use of the system is at your own risk.

Calculation of wet-bulb temperature

Our wet-bulb temperature calculation uses the Stull formula, which is accurate for relative humidities between 5% and 99% and temperatures between -20°C and 50°C. It loses its accuracy in situations where both moisture and heat are low in value, but even then the error range is only between -1°C to +0.65°C.

Calculation of elevation modelling

When normal weather forecasts have a built-in topographical model based on the coordinates, which are quite rough, we also enter the altitude for the highest and lowest point in your facility. With the help of The Norwegian Meteorological Institute's models, the different temperature at the highest and lowest point is calculated.

Current weather and forecast weather

We get weather data from online weather services such as "The Norwegian Meteorological Institute" and "World Weather Online" into our systems. We cannot influence or guarantee the quality and correctness of this data, nor reliability and uptime.

Accuracy of measurements

The local weather station is produced by a third party and is stated to provide accuracy of temperature and humidity sensor:

Temp: $\pm 0.3^\circ\text{C}$; Humidity: $\pm 3\% \text{RH}$