

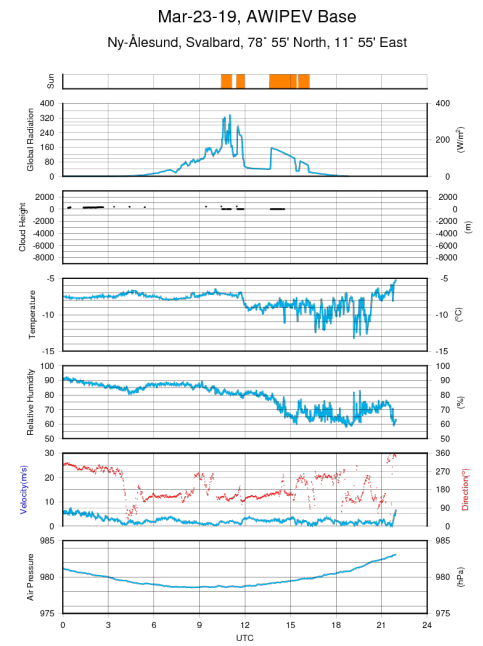
current data	01:35 24.03.2019 (local time)
temperature	-5.3 °C
windchill temperature	-16.1 °C
wind speed	19.4 km/h
wind direction	338° E, NNW
relative humidity	55 %
surface air pressure	985.0 hPa



Ny-Ålesund AWI meteorological tower  
(Photo: Jürgen Graeser)

Since 1993, a meteorological surface measurements are operated at the AWIPEV research base. The values of temperature, humidity, pressure, wind speed and direction are registered every minute. While the data with high time resolution are commonly used for the analysis of small scale processes in the atmosphere (e.g. effect of katabatic winds), the [long-term observations since 1993](#) allow the detection of climate change signals, that are analyzed in the [Atmospheric Physics](#) section.

AWI operates similar meteorological measurements at the Antarctic [Neumayer station](#).



## Complementary Measurements

### Responsible:

Science: [Dr. Marion Maturilli](#)

Technique: [Jürgen Graeser](#)