

<b>species</b>	<b>data</b>	<b>document</b>	<b>Last updated</b>
Pink-footed goose	Thaw days	Methodology	01062022

For the modelling of optimal harvest strategy, the weather conditions in May in Svalbard are used as a predictor of the production of young (Jensen et al., 2014). The mean daily temperatures (Mean Air Temperature) are derived from Ny Ålesund and Svalbard Airport meteorological stations (<https://seklima.met.no/observations/>). This information is used to describe the number of thaw days (days with average temperatures above 0°C) at the two sites each year (being positive related to the number of young produced).

We used the daily 'Mean Air Temperature' from both sites and all years with the exception of Ny-Ålesund in 2021 due to lack of data; instead we used 'Mean Air Temperature, köppens formula'; the difference between these measures is negligible.