**Explanations for the data file used in**: Mind the Wind: Microclimate effects on incubation effort of an Arctic seabird, Høyvik Hilde, Christoffer, Pélabon, Christophe, Guéry, Loreleï, Gabrielsen, Geir, Descamps, Sébastien.

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| --- | --- |
| Year | Study year |
| Nest ID |  |
| MeanT | Mean ambient temperature (⁰C) during study period |
| MeanW | Mean wind speed (m/s) during study period |
| Winddir | Mean wind direction (degrees) during study period |
| MeanH | Mean humidity (%RH) during study period |
| Date capture | Date of first capture, refers to a day in June of the respective study year |
| Date recapture | Date of recapture, day in June |
| Differ. Days | Number of days between the first and second capture |
| Ring | The number on the metal ring on the bird |
| Mass | Mass (g) at first capture |
| Mass recapture | Mass (g) at recapture |
| dailyml | The daily mass loss : $\% daily mass loss=100×\frac{\left(Initial mass-final mass\right)}{\left(Initial mass×number of days\right)}$ |
| Tarsus | Length of tarsus (mm) |
| Wing | Length of wing (mm) |
| Bill | Length of head and bill (mm) |
| CS | Clutch size at first capture |
| CSRecapture | Clutch size at second capture |
| ibuttonID | Id of the ibutton (temp and humidity logger) |
| Time deployed | Time of deployment of the ibutton, day is the same as “Date capture” |
| Time retrieved | Time retrieved, day is the same as “Date recapture” |
| Shelter added (Y/N) | Whether or not (Yes or no) an artificial shelter were added around the nest |
| sumShelt | The number of sides sheltered, all artificial shelters were 3-sided |
| COMMENTS | Any comments on the capture/recapture process |
| Shelter class | Which type of shelter, either M ( manipulated, artificial shelter, Y (yes, natural shelter) or N (No shelter) |