

INSTRUCTIONS FOR USING FOR VORTEX REMODELING



STEP 1: Select the UTC Time Zone under which observations have been measured

STEP 2: Indicate the hub height of the observations

STEP 3: Prepare the observations in the following format and requirements:

- 1) There should be no header information in the observations file
- 2) Each line should be in this format:

YYYYMMDD HHMM M(ms/s) D(deg)

Find below an example:

```
19970722 1620 4.669 108.0
19970722 1630 4.261 104.0
19970722 1640 4.850 99.0
19970722 1650 5.621 95.0
(...)
```

- 3) There is no need for any decimal numbers. That is, the observations can be uploaded with none, one, two or three decimals both for the wind speed and direction.
- 4) Each of the lines must contain 4 columns. If a single line contains just 3 values, please delete the affected line.
- 5) Missing values are considered as: 99, 999, -99, -999.
- 6) Observations should be at least 11 months long for the Remodeling to properly work.
- 7) Observations can be 10 minute, 30 minute or hourly data.

STEP 5: Upload the file and press Request

STEP 6: Wait for the confirmation e-mail. Typical delivery times for Remodeled series are 50-60 minutes

STEP 7: Download the remodeled series by using your Vortex account