

Wind charts

Description

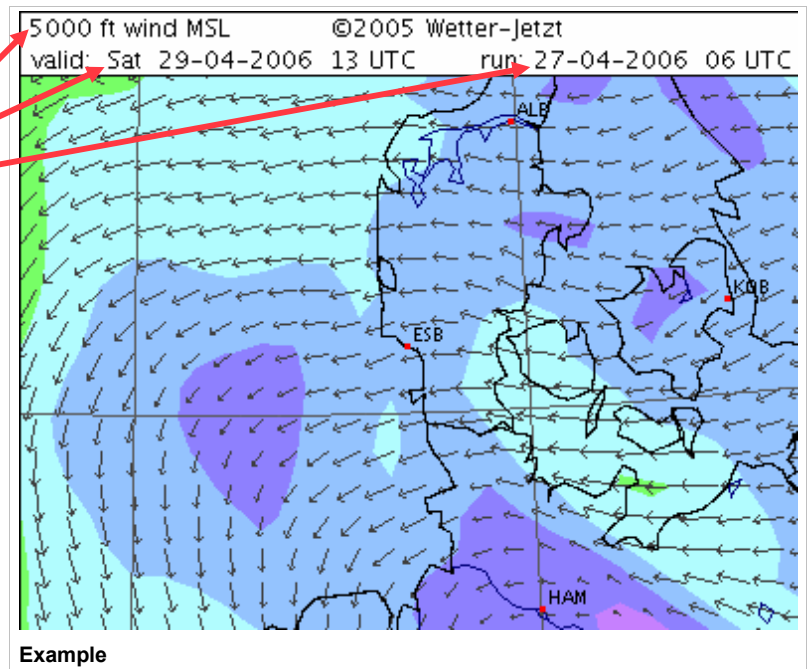
Title

- ▶ content
- ▶ date and time of validity
- ▶ base date and time of model run

Content

Shown is the mean wind field (at several height levels depending on the title of the chart). Principally there are three different types of height levels:

- ▶ MSL means height above sea level in feet or meter (= constant geometrical height)
- ▶ ASFC means height above surface in feet or meter (= terrain following)
- ▶ FL means flight level, e.g. FL 85, height is pressure dependent (=constant reading at altimeter)



Arrows show flow direction and mean wind speed. Some painted longitude and latitude circles give north/south and east/west reference.

The background colour serves for more precision when reading wind speed. If a **brown** colour shows up, the terrain partly penetrates the height level.

Legend

The legend shows the colours of the mean wind speed in knots [kt]. Scaling can differ from height level to height level.

Base of data

- ▶ Regional numerical weather simulation model, operated at our weather computer center
- ▶ Hourly forecast values
- ▶ Highest actuality by 6-hourly update frequency