

Potential VFR hours

Description

Title

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

Content

The **potential VFR hours per day** concentrate in one single value the usability of a whole day for VFR flights. Computed for a larger area it shows up, where good VFR weather conditions are probable and where problematic areas might be found. This high level parameter takes into consideration many other parameters, such as cloudwater and -ice, humidity- and temperature-distributions, precipitation, orography, significant meteorological phenomena like thunderstorms and more.

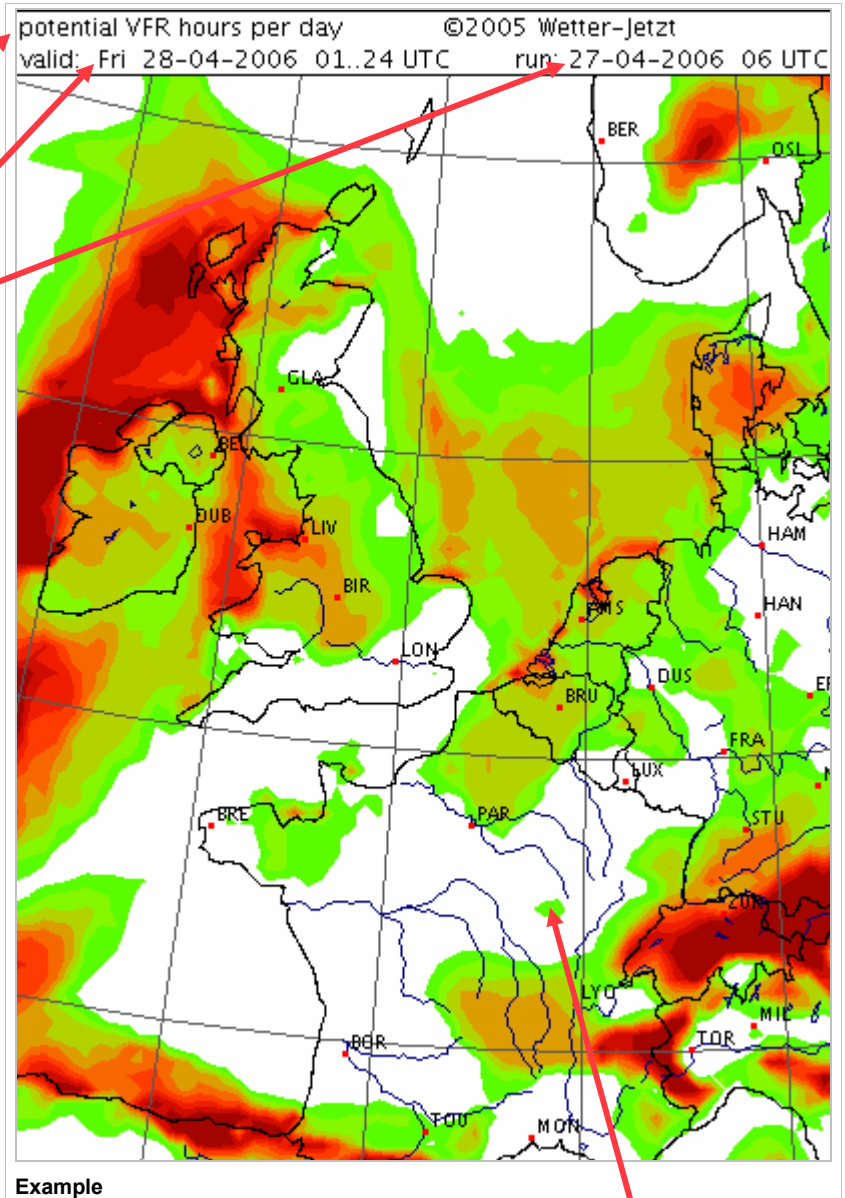
The absolute value should not be taken too literally, but it permits at a glance to estimate suitable areas or routings for flying. This chart is available exclusively at Wetter-Jetzt.

The additionally offered chart **Significant weather** informs about possible causes for restrictions on an hourly base.

Hint: *It is a novel chart, which represents the result of a complex numerical weather simulation. Model and reality can differ. Models always have the tendency to become unsharp in place and time with increasing forecast time. Results of numerical models should **NEVER** be used to justify a flight in marginal weather conditions.*

Base of data

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



Example

Legend

The meaning of the colors can be found in the **legend**. Green, for example, means a reduction of usable daylength of 10-20% for VFR flights or in other words a usable daylength of 80-90% always taking into account actual sunrise and sunset times at each gridpoint.

