

About us

For the preparation of the forecasts Wettermanufaktur uses different weather models (ECMWF, GFS, ICON Europe, EURO4 and Hirlam), statistical methods, MOS (Multi-Model-Output-Statistic) and weather data from the national weather services.

Besides pure data and model deliveries, the added value of cooperation in service support. The meteorologists provide assistance for short-term flight route planning and the interpretation of the data.

Wettermanufaktur is a member of the quality circle weather consulting at the German Meteorological Society (DMG).



The meteorologists of Wettermanufaktur

With precise forecasts and individual advice the team of Wettermanufaktur supports its customers in their plans to provide the best services and acting specifically in the economic and ecological sense to be.

You too can profit from our meteorological experience and competence! We advise you individually and suggest a suitable solution.

In cooperation:



Wettermanufaktur

www.einsatzwetter.de



Wettermanufaktur

7-day forecast for digital flight routes

2- and 4-day forecasts for main flight routes

Current observations for departure and destination

Precipitation Type Radar

Thunderstorm Cell Tracking

Weather hotline

Einsatzwetter-App

Call us: +49 (0)30 / 95 999 1010

**Weather consulting
for racing pigeon flights**

Optimal flight route planning

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Your weather experts in Germany

Flying safely in all weathers

Knowledge of the weather is crucial for success in pigeon racing. Since spring 2019, Wettermanufaktur is advising the Association of German Pigeon Breeders and their flight controllers on decisions to allow racing pigeon flights.

A detailed insight into the weather development for the next 2 or 4 days for the respective departure and destination points as well as for the important intermediate stations of the flight routes in Germany, Belgium, Austria, France and Poland is a central component for the best possible planning and an important contribution to animal welfare.

For selected main flight routes a weather report is provided with the following information:

- Risk of precipitation in percent and quantity
- Times of origin and strengths of thunderstorms
- Prevailing wind direction and strength
- Maximum wind gusts
- Stability of the atmosphere

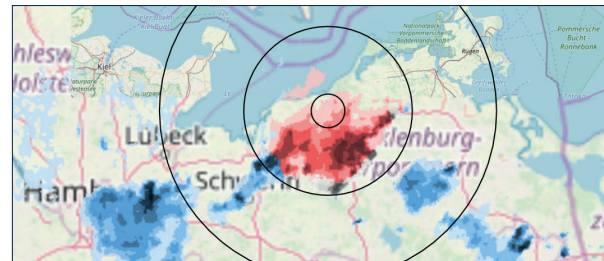
From many years of experience in the care of flight controllers, the meteorologists of Wettermanufaktur know how to assess ideal flying weather for carrier pigeons. In the weather reports they therefore additionally give a basic recommendation for the flight routes.

The decision as to whether, where and when the pigeons are released is made by the flight commission. They have the possibility to consult by telephone on specific questions during the flying days:

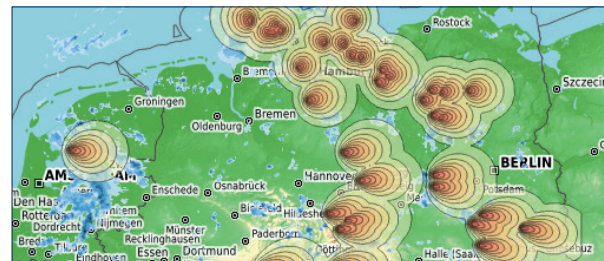
- Will there be rain or thunderstorms on the flight route?
- Is a tailwind, headwind or crosswind to be expected?
- Is inversion weather prevailing?

Weather portal www.einsatzwetter.de

The online portal www.einsatzwetter.de provides detailed information on weather events around the clock.

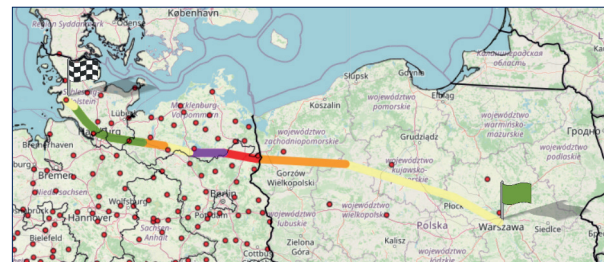


5-minute precipitation type radar for Germany and the Benelux



Thunderstorm cell tracking for risk assessment and possible track

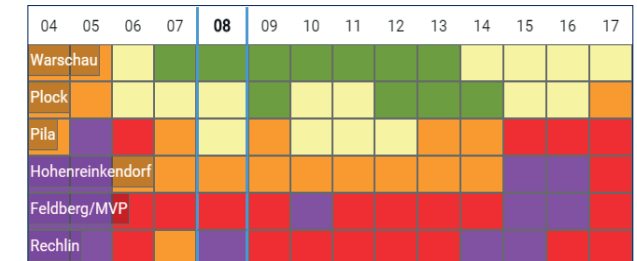
The weather tool for flight controllers is continuously being further developed. Since the 2020 season, a pigeon-index and a 7-day forecast for digital flight routes are available.



The pigeon-index, specially adapted to the sensitivities of carrier pigeons, provides information on the flight conditions on the sections of the individual flight routes.

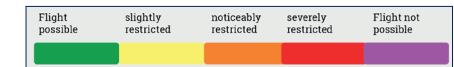
Digital flight routes

With the help of the 7-day forecast, flight controllers can get a first impression of whether the planned flights can take place at the weekend.



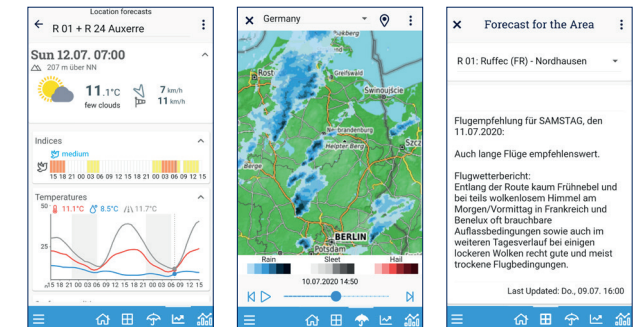
Pigeon-index, section of the flight route Warsaw - Heide, 1 July 2020

The thresholds and definitions have been agreed with the flight commission and can be adjusted if necessary.



Einsatzwetter-App

All members of the association with access to the weather portal can also use the Einsatzwetter-App. The app offers flight controllers a quick overview of the current and expected weather situation for their flight routes at any time:



Einsatzwetter-App for iOS and Android available:

Forecast with pigeon-index, radar image and weather report