



February 2025

Compared to last year's record February, which at 5.7 K was the month with the highest positive deviation since regular weather records began, February 2025 was characterized by moderate temperatures and below-average rainfall. The sun shone much more often than usual. While the month started mildly, persistent high pressure brought us arctic cold air from the second decade of the month, which even caused double-digit minus temperatures, especially in the east. This also meant that the series of warmer months that had been going on for 20 months (June 2023 to January 2024) compared to the current climate normal period of 1991-2020 was broken. Compared to the cooler reference period 1961-1990, it still remains, meaning that 29 months in a row have now been warmer than the aforementioned reference period. After the cold, the thermometer rose sharply again within a few days in the third decade of the month, in some places even reaching double-digit positive temperatures. The persistent high pressure also resulted in below-average rainfall. It remained significantly drier in the far north of the country in particular, with some regions seeing only a quarter of the usual amount of rainfall. The east, the eastern Alpine foothills and North Rhine-Westphalia also recorded less than half the usual amount of rainfall.

The regional average temperature for Germany was 1.5 °C. This means that the month was exactly as warm as the long-term average of the climate normal period 1991-2020, and 1.1 K warmer than the international climatological reference period 1961-1990. This puts February 2025 in the middle of the field and ranks 56th among the warmest February months since 1881.

The average monthly rainfall in Germany was 23.4 mm. This is 29.8 mm or 55.9% less than the average for the period 1991-2020 and 25.9 mm or 52.5% less than in the reference period 1961-1990. February 2025 was thus the 22nd driest February since 1881.

The regional average sunshine duration was 91.3 hours. That is 15.4 hours or 20.3% more than in the comparable period 1991-2020 and 19.8 hours or 27.7% more than the average for the years 1961-1990. This makes 2025 the 14th sunniest February since 1951 among the sunny February months.

further reports

The German Weather Service is a federal authority within the portfolio of the Federal Ministry for Digital Affairs and Transport.

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