



Monthly and seasonal report GermanyEN

Spring 2024

Both spring 2024 and the three spring months of March, April and May were each warmer than the long-term averages of the climatological reference period 1961-1990. Like March, spring also set a new temperature record. The mild temperatures in February gave vegetation a clear head start, so that early, early and full spring (hazel, forsythia and apple blossom) occurred 2 to 3 weeks earlier. However, frost in the second decade of April caused major damage to fruit and wine growing. The first summer day was observed on April 5th and the first hot day on April 6th. While March was a little too dry, April showed a slight and May a significant excess of precipitation. Overall, the precipitation total for spring averaged across Germany ended with an increase of around a quarter. However, the precipitation target was not reached in Saxony, parts of Thuringia, Saxony-Anhalt, Brandenburg and Mecklenburg-Western Pomerania. In Saarland and Rhineland-Palatinate, the high rainfall in the second decade of May and in Bavaria and Baden-Württemberg at the end of the month led to significant flooding. March and May, and thus also spring, saw a little more sunshine, while April ended with a slight deficit.

The regional average temperature for Germany was 10.9 °C. Compared to the long-term average for the reference period 1991-2020, spring 2024 was 2 K warmer and compared to the international climatological reference period 1961-1990, it was 3.2 K warmer. This makes spring 2024 the warmest spring to date since records began in 1881. The warmest spring to date was spring 2007, with 10.6 °C.

The average rainfall for the German region in spring 2024 was 228 mm. This is 56.7 mm or 33.1% more than the average for the period 1991-2020 and 42.2 mm or 22.7% more than in the reference period 1961-1990. Spring 2024 was the 9th wettest spring in Germany since 1881.

The average sunshine duration was 487.2 hours. This is 34.9 hours or 6.7% less than in the comparable period 1991-2020 and 20.7 hours or 4.4% more than the average for the years 1961-1990. Spring 2024 will be the 34th sunniest spring since 1951 and thus roughly in the middle range of previous spring observations in terms of sunshine.

Monthly, seasonal and annual assessment with analysis of climate and weather trends.

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additional information

- Detailed description

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

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