

[Home](#) > [Various data and materials](#) > [Global Environment and Climate](#) > [Global Warming](#) > [Long-term trends in temperature and precipitation](#) > Average monthly temperatures in Japan

## Average monthly temperatures in Japan

▶ Select month August ▼

▶ [How to calculate](#) the average temperature deviation in Japan

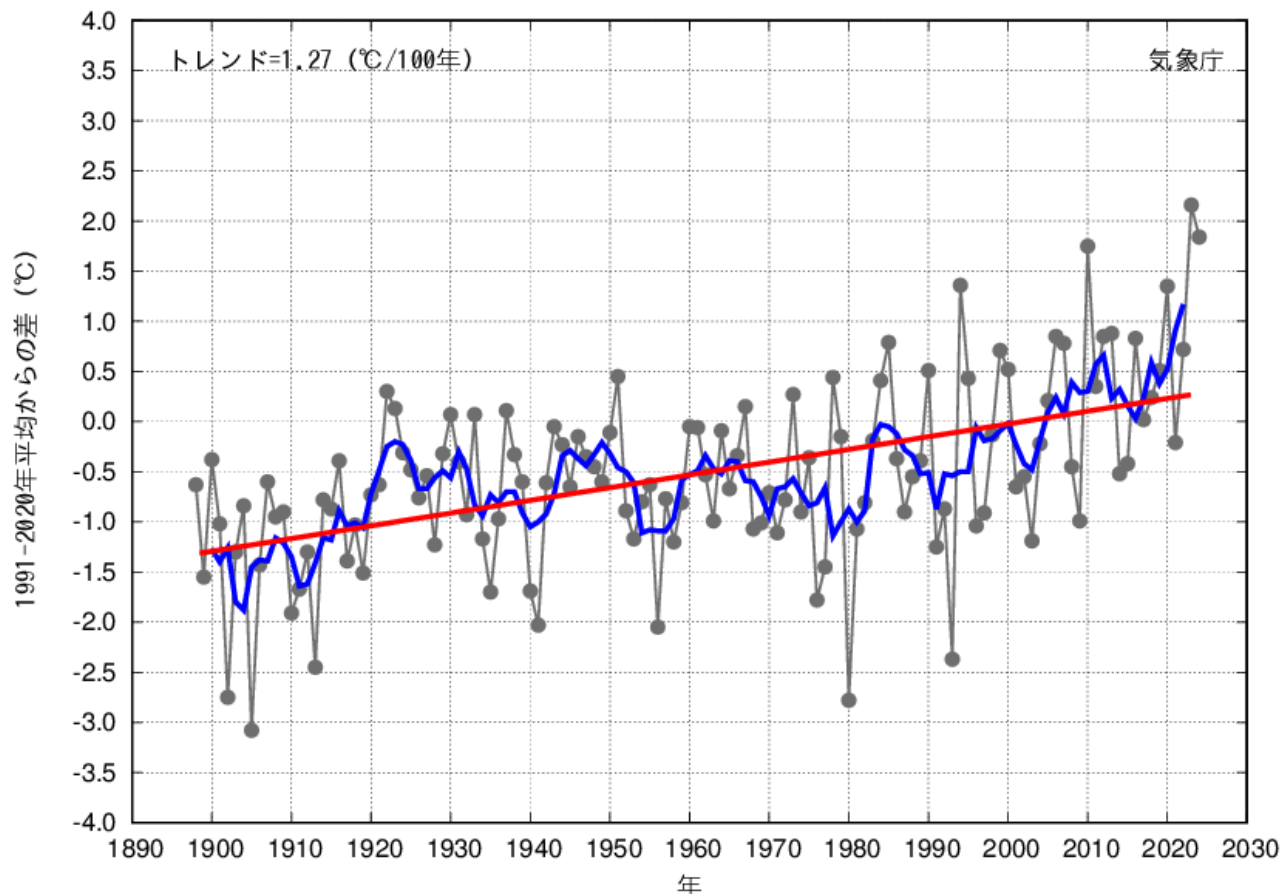
▶ [Update history](#)

### Changes in average August temperature deviation in Japan over time (1898-2024)

The deviation of Japan's average temperature in August 2024 from the reference value (the 30-year average value from 1991 to 2020) is +1.84°C, the second highest since statistics began in 1898. Japan's average August temperature has been rising while undergoing various fluctuations, and in the long term, it has been rising at a rate of 1.27°C per 100 years.

▶ [Frequently asked questions](#) (What is the actual average temperature in Japan? What is the long-term trend? etc.)

日本の8月平均気温偏差



Thin line (black): deviation from the reference value of the average temperature for each year, thick line (blue): 5-year moving average of deviation, straight line (red): long-term trend.

The reference value is the 30-year average value from 1991 to 2020.

▶ Years with the largest positive deviations (1st to 5th)

①2023 (+2.16°C), ②2024 (+1.84°C), ③2010 (+1.75°C), ④1994 (+1.36°C), ⑤2020 (+1.35°C)

▶ [Figures for each year](#)

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Last updated 2024/9/1

[To the top of this page](#)

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