

# PRESS RELEASE

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## Global and Taiwan's Annual Temperature Reach Record Highs

Taipei, Taiwan--December 31, 2024--Taiwan's average temperature is on track to become the highest since records began in 1897. Meanwhile, the global annual average temperature is expected to reach new historical high since 1880, surpassing the previous record set just last year, according to the Central Weather Administration (CWA).

The CWA reports that as of December 29, Taiwan's annual average temperature reached 24.97°C, surpassing the previous record of 24.91°C set in 2020 and marking a new historical high. Notably, eight stations—Tamsui, Hsinchu, Taichung, Sun Moon Lake, Tainan, Chenggong, Taitung, and Dawu—recorded their highest annual average temperatures. In terms of rainfall, Taiwan's total annual accumulated rainfall was close to normal; however, its distribution was uneven. The Spring and Mei-yu seasons experienced below-average rainfall, while summer and autumn saw above-average rainfall due to typhoon impacts.

Looking ahead to 2025, sea surface temperatures near the tropical central and eastern Pacific are expected to remain cooler than average. Although a La Niña event is developing, its intensity is relatively weak and is projected to return to normal conditions after spring. Historical data indicates that in the year following the development of La Niña events, Taiwan tends to experience slightly cooler weather and below-average rainfall between January and March. However, the impact of the past La Niña years on Taiwan has shown considerable variation. Based on the latest model forecasts, the CWA predicts that Taiwan is likely to experience normal temperature and near to below-normal precipitation from January to March next year.

Meanwhile, the CWA reminds the public that while global annual average temperatures have repeatedly reach record highs due to global warming, January and February—Taiwan's colder months—carry an increased likelihood of extreme cold events. It is important to stay warm and ensure proper indoor ventilation when using gas heaters to avoid carbon monoxide poisoning. Additionally, during winter, stable atmosphere conditions and transboundary pollution often lead to high concentration of fine suspended particles. The public is advised to wear masks when outdoors to protect their health. For the latest weather forecasts, the

CWA not only provides daily forecast but also issues one-month and three-month climate outlooks on a weekly and monthly basis, respectively. These updates are available on its official website at: <http://www.cwa.gov.tw>.

To enhance public understanding of Meteorology, the CWA is introducing a voice service called "Weather Yunbot". With Ask Yunbot, it's like having your own personal earth science teacher available anytime, anywhere to answer your questions. This makes meteorological knowledge more accessible, and strengthens the public's resilience and ability to cope with climate change. Let's Ask Yunbot about the weather and explore the fascinating world of earth science together!