

June 2024 weather summary

Very dry, generally cool but a short very warm spell and sunny

Rainfall: 12.3mm (24% of normal).

June was very dry and the 12th driest in the past 123 years. It was the first month to record below average rainfall since June 2023 ending a continued trend of 11 wetter than normal months. June 2024 was the driest since 2018 when only 0.6mm was recorded, which was the driest since 1925.

The wettest day was 3.6mm on 15th, with all that total falling within 1 hour and the highest maximum rainfall rate of 85mm/hr. fell in just 1 hour. The number of rain days (0.2mm or more), were 7 (5 days less than average). The number of wet days (1.0mm or more) was 5 days (3 days less than normal).

The highest duration (0.2mm/hr or more) in a 24-hour rainfall day was 3.5 hours (09hr 13th to 09hr 14th).

The longest 'dry spell' was 7 days 22nd to 28th.

Temperature:

Overall, June was cooler than normal with a brief very warm spell. The mean maxima was 21.0c (+0.1c above normal) and the coolest since 2019. Since 1981 (43 years), there have been 24 cooler mean maxima monthly temperatures for June.

The highest temperature recorded was 29.2c (26th). However, in the last 10 June's 30c or more has been recorded in 7 of those years, only 2016, 2021 and 2024 it failed to reach that target.

The lowest maximum temperature was 16.3c (13th) but only the lowest since 2022.

The **mean minima** were 10.0c (-0.7c below normal). It was the coolest since 2015 and since 1990 (34 years) there have been 7 cooler June's.

The highest temperature was 15.2c (27th) the lowest since 2015. The lowest temperature recorded was 5.7c (9th). This was only the coolest since 2022.

There were zero nights with an air frost, and these haven't been any since at least 1981 (43 years).

The **mean temperature** 15.5c (-0.3c below normal) and the coolest since 2013. Since 1981 (43 years) there have been 17 cooler June's.

There was one ground frost and lowest grass minimum recorded was -0.5c (13th).

Sunshine: A sunnier June than normal with 248.2 hours (124% of normal) making it the 5th sunniest since at least 1990 (34 years).

However, the first half of the month was the duller since 2019, but by contrast the 2nd half of the month was the sunniest since at least 1990. There were zero sunless days, joining the other 8 Junes in the past 34 years. The sunniest day was 2nd with 14.7 hours.

Thunder; there were zero days with thunder heard.

Hail; there were zero days with hail (>6mm).

Snow falling was zero days. **Snow lying** at 0900 GMT zero days.

Fog; at the 0900am observation there were zero days with fog observed.

Wind gusts 50km/hr or more; zero days reached this criteria,



Photo: Sunset on the longest day of daylight 20th June 2024.