

Seasonal Assessment – Autumn 2024

The following represents a provisional assessment of the weather experienced across the UK during Autumn 2024 (September, October and November 2024) and how it compares with the 1991 to 2020 average.

Autumn temperatures were close to average overall, but with some cooler spells especially in September and November. The weather was unsettled as low-pressure systems brought rain and wind across the country. September began on a warm note as plumes of warm, humid air were drawn northwards off continental Europe by southwesterly winds. A succession of low-pressure systems brought exceptionally heavy rainfall to southern and central England in the latter half of the month. October began with temperatures slightly above average, and although there was a cooler spell of weather in the second week, overall both day and night temperatures were above average. The first named storm of the 2024/25 season, Storm Ashley, arrived on the 20th-21st and brought heavy rain and wind across northwestern parts of the UK. High pressure closed out October, with cloudy but warm weather. November saw close to average temperatures, the month began dull, dry and mild as anticyclonic conditions dominated across the UK with low levels of sunshine. Mid-month wintry conditions hit with snowfall seen across parts of the country 19th – 23rd and heavy snow accumulations over the south west of England on the 21st before a return to the wet and windy conditions typical of the season as Storm Bert hit the country on the 22nd – 25th November bringing high rainfall totals and strong winds.

Overall, UK temperatures were slightly above average with a provisional mean temperature of 9.92°C (0.20°C above the long-term average). There was some regional variation with Northern Ireland 0.41°C above average and Scotland only 0.13°C above. Autumn rainfall was slightly below average for the UK as a whole (10% less than the long term average at 301.5mm) but this masks extremely high spatial variability with England seeing 300.3mm, 20% above the long-term average, and Scotland receiving only 284.0mm, 38% below average. Sunshine was close to average for the UK as a whole (95 hours, provisionally, 95% of the long-term average) with some spatial variability as Scotland and Northern Ireland saw the most sunshine, 106% and 102% of the long term average respectively, and Wales and southern England seeing the least (89% and 97% respectively).

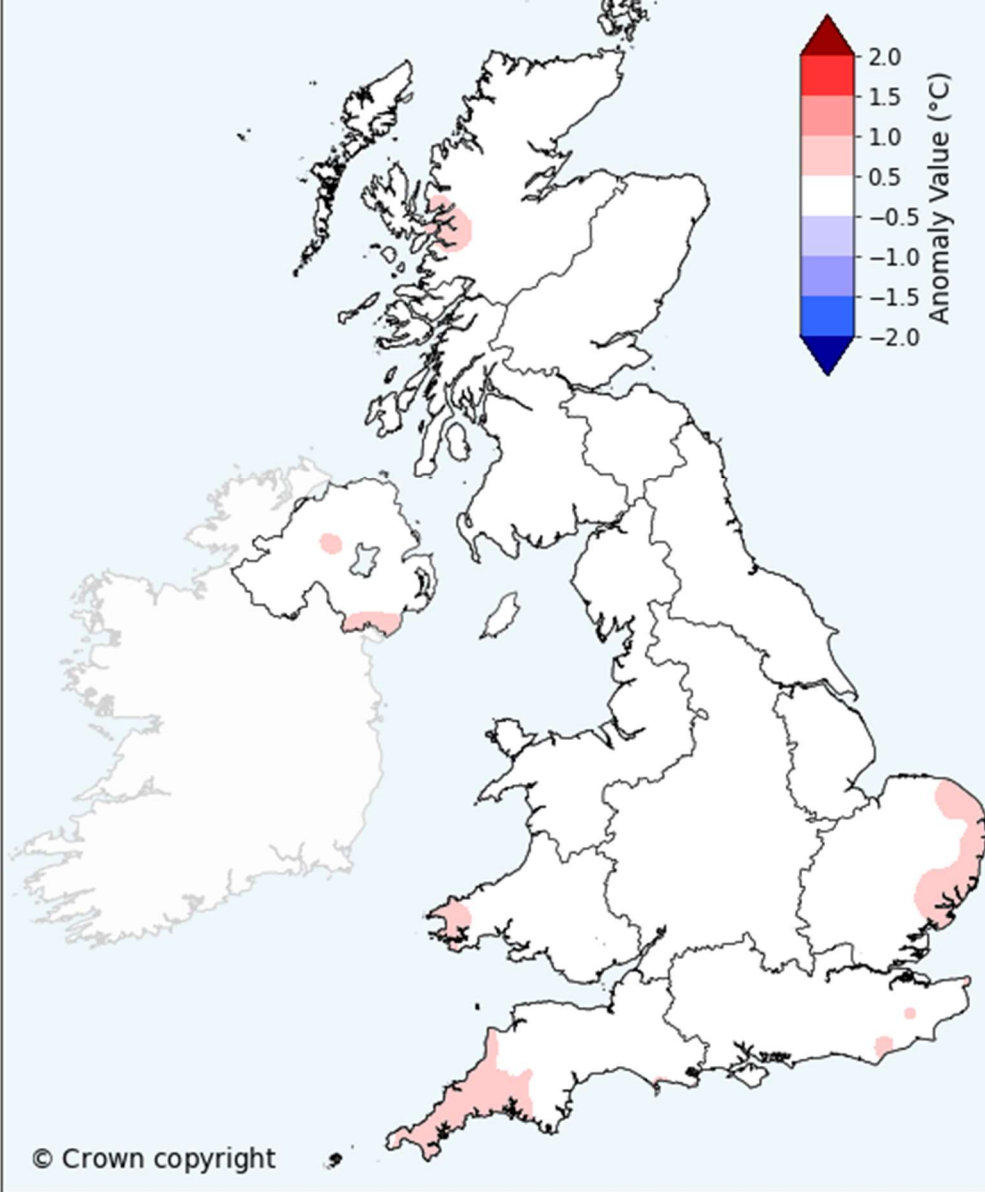
UK statistical summary		
Mean temperature	Rainfall	Sunshine
The provisional mean value for Autumn is 9.92°C, which is 0.2°C above the 1991-2020 average.	The provisional total for Autumn is 301.5 mm, which is 90% of the 1991-2020 average.	The provisional total for Autumn is 263.9 hours, which is 95% of the 1991-2020 average.

 **Met Office**

Autumn 2024

Mean Temperature

1991-2020 Anomaly



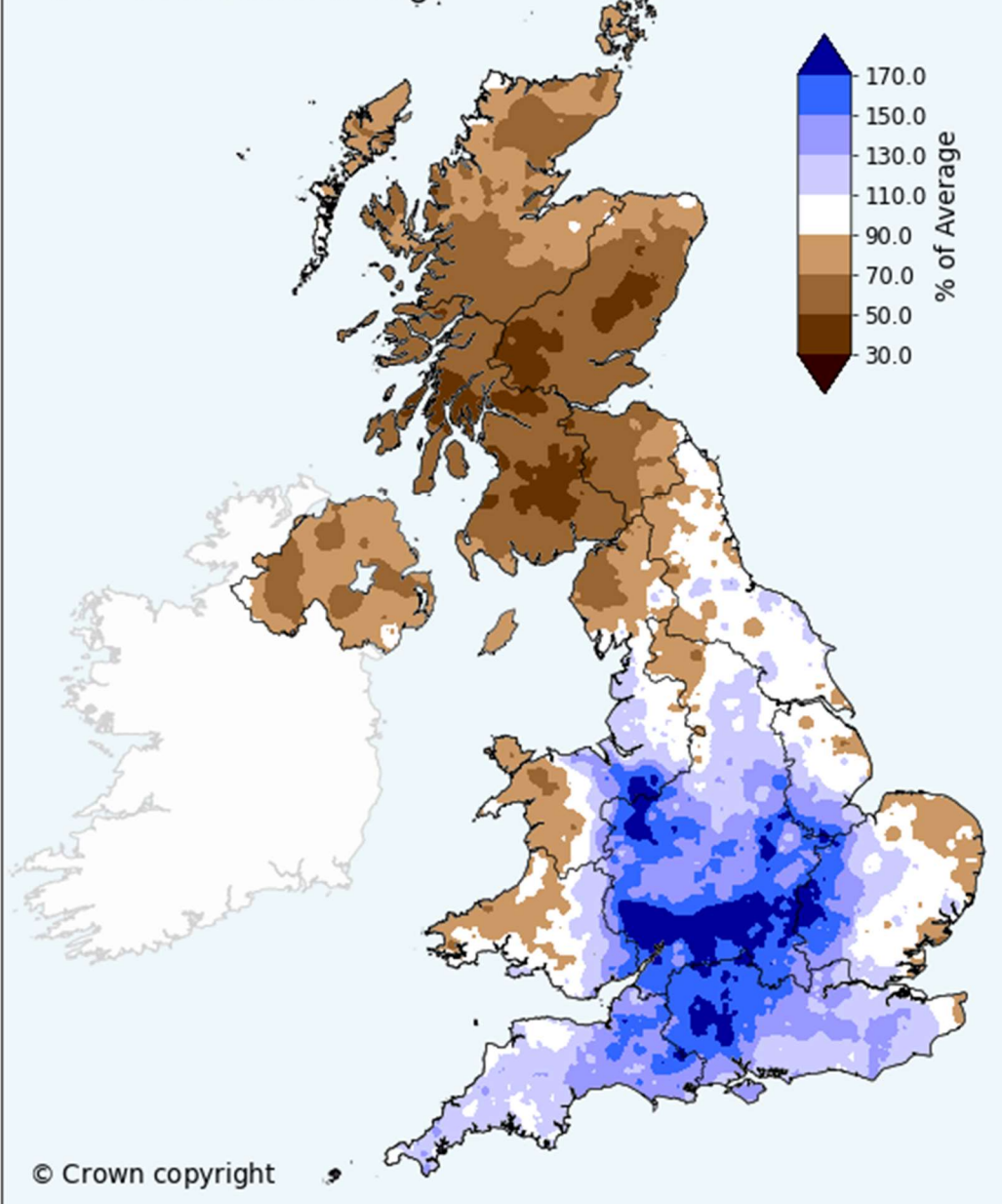
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Autumn 2024

Rainfall Amount

% of 1991-2020 Average

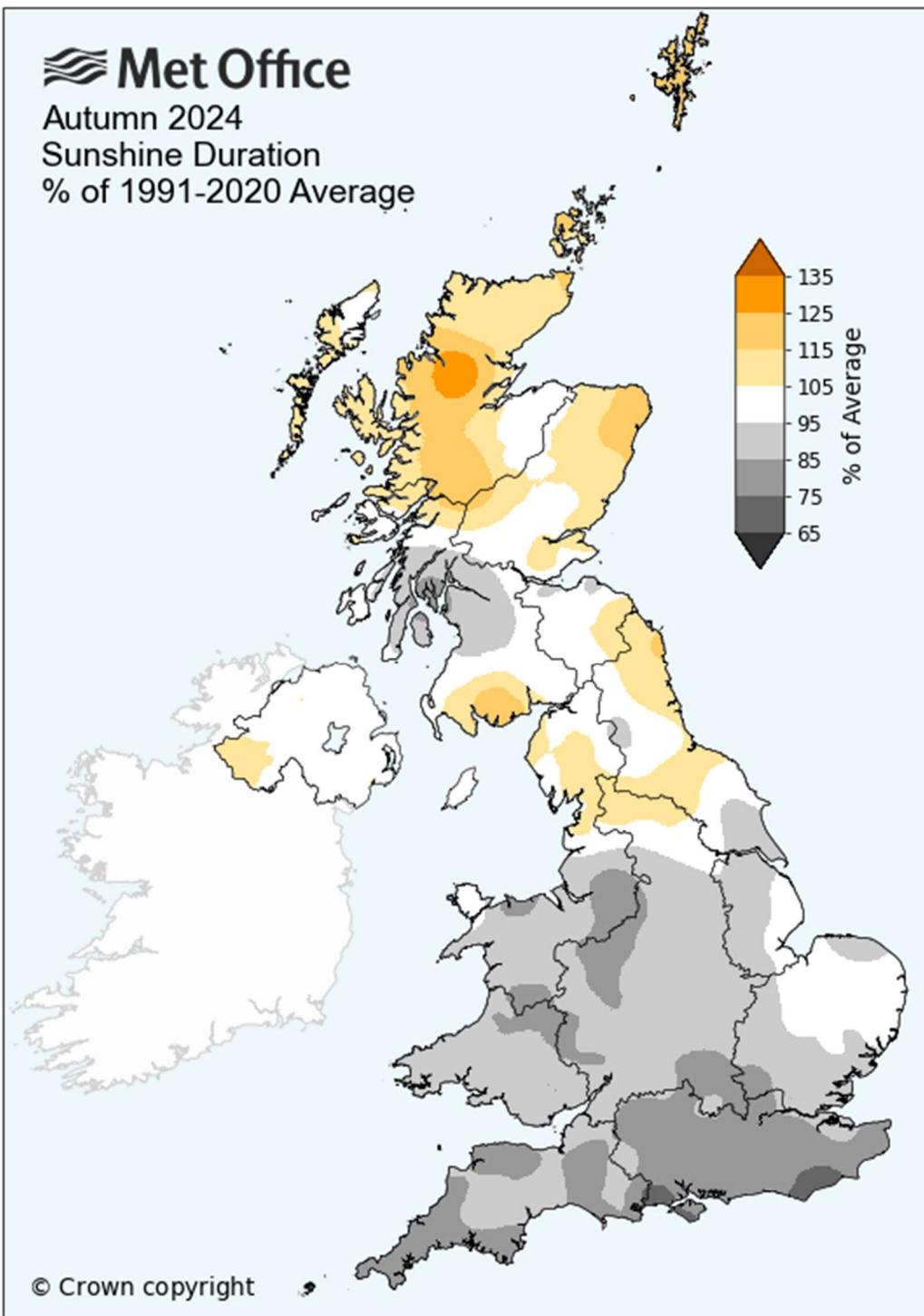


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Autumn 2024

Sunshine Duration

% of 1991-2020 Average



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Mean Temperature - Autumn 2024 - UK

