

The following represents a provisional assessment of the weather experienced across the UK during 2019 and how it compares with the 1981 to 2010 average.

2019 was warmer than average for the UK, although slightly less so than both 2018 and 2017. February was notably warm, the second warmest February in a series since 1910 (behind 1998), and included a new UK winter maximum temperature record (21.2 °C at Kew Gardens). March, April, July and December were all a degree or more warmer than average overall – and a new UK record of 38.7 °C was recorded at Cambridge Botanical Garden on July 25th – while November was colder than average. It was a rather wet year, with above average rainfall in March and then most months from June onwards. It was also a sunnier than average year, with February noteworthy as the second sunniest in a series from 1929, and eastern areas often had the best of the sunshine.

Notable extreme events during the year included a series of heavy-rainfall events in February, March, April and June, and numerous incidences of flooding from the end of July onwards. Five named storms affected the UK during 2019. Towards the end of the year flooding was exacerbated by the fact that further rainfall was falling onto already saturated ground. Also noteworthy were the record-breaking warm spells in February and July as noted above, and record-breaking warmth for both the Easter and late-August bank holiday weekends. Temperatures exceeded 30 °C somewhere in the UK on 10 days during the summer.

The provisional UK mean temperature for 2019 was 9.4 °C, which is 0.6 °C above the 1981-2010 long-term average. This ranks as the eleventh warmest year in the historical UK series from 1910. All top-ten warmest years in this series have occurred this century.

The provisional UK rainfall total for 2019 was 1240 mm, which is 107% of the 1981-2010 average, making this a wet year overall although not especially so. Parts of the North Midlands, South Yorkshire and Lincolnshire were notably wet through the year, and Sheffield had its second wettest year in a station record from 1883. However, parts of northern Scotland and East Anglia were slightly drier than average for the year.

The provisional UK sunshine total for 2019 was 1455 hours, which is 106% of the 1981-2010 average. Eastern areas fared best relative to average, getting within the top ten sunniest years for some areas. February was the second sunniest on record for the UK.

UK statistical summary

Mean temperature

The provisional mean is 9.4 °C, which is 0.6 °C above the 1981-2010 average.

Rainfall

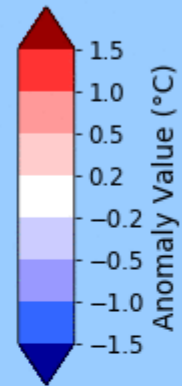
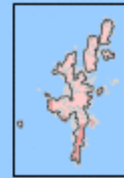
The provisional total is 1240 mm, which is 107% of the 1981-2010 average.

Sunshine

The provisional total is 1455 hours, which is 106% of the 1981-2010 average.



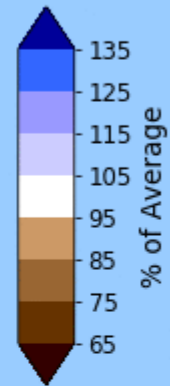
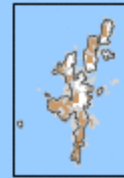
Year 2019
Mean Temperature
1981-2010 Anomaly



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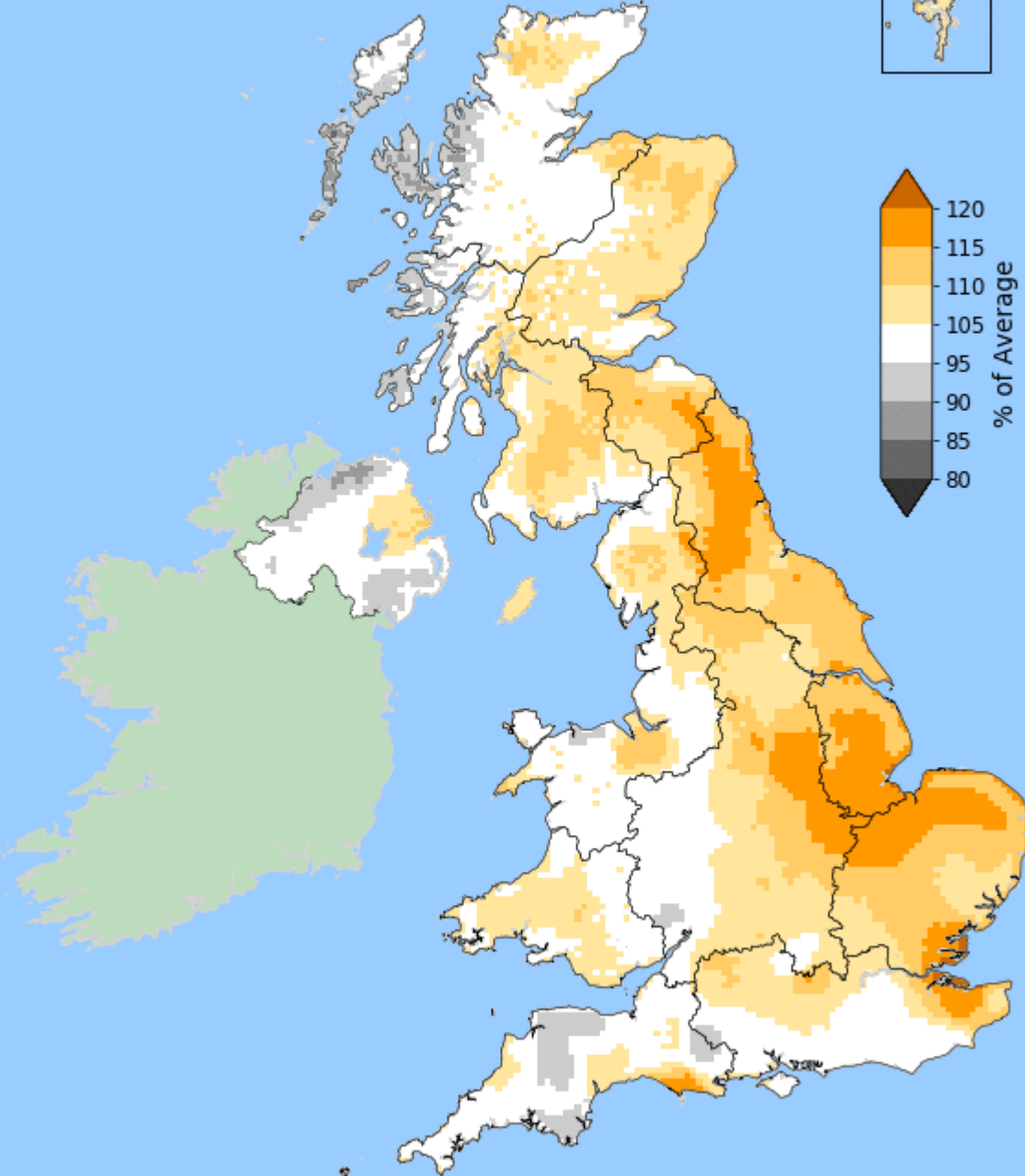
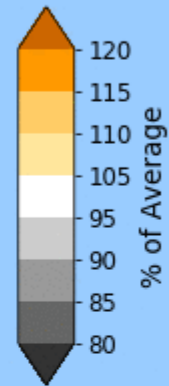
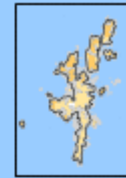
Year 2019
Rainfall Amount
% of 1981-2010 Average



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Year 2019
Sunshine Duration
% of 1981-2010 Average



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