

Seasonal Assessment – Summer 2021

The following represents a provisional assessment of the weather experienced across the UK during Summer 2021 (June, July and August) and how it compares with the 1981 to 2010 average.

The summer was warmer than average, with mean temperatures more than 1.5 °C above normal over parts of western Scotland but barely above average in southern and south-eastern counties of England. The south-east of England, as well as being coolest relative to average, was particularly wet, with almost double the average rainfall in a few places, though Wales, northern England, and the majority of Scotland were much drier than average, with less than half the usual rainfall in some places. Sunshine was above average for northern England, most of Scotland, and parts of Northern Ireland. The first half of June was generally settled and warm in most areas, and there was a notable very warm spell during July, but other periods have been unsettled, often with thunderstorms and localised downpours in certain areas. The second half of August was mostly dry.

The first half of June was rather warm, and despite temperatures being nearer average in the second half the month had an overall UK mean temperature anomaly of +1.2 degC. Early July was rather cool over England and Wales, but all regions had a very warm spell from around 15th to 24th, before temperatures dropped again. July's overall UK anomaly was +1.5 degC, provisionally the equal 5th warmest July in a series from 1884, and included an all-time record high temperature in Northern Ireland. August temperatures were unexceptional, with an overall UK figure 0.1 degC above average.

June rainfall totals were rather below average in most areas, the exception being southern and south-east England with around double the average in places. Many areas were wet in July, again with twice the average for some, and only western and northern-most areas were drier than average, with localised heavy thundery rain events occurring regularly. Early August continued the unsettled theme, but it then became much drier. The UK had 59% of normal rainfall in June, 93% in July, and 73% in August.

Northern areas of the UK saw more sunshine than average in June, and all areas away from the east were sunnier than average in July. England and Wales saw little sunshine in August, ranking within the ten dullest Augusts historically. The UK had 107% of normal sunshine in June, 111% in July, and 79% in August.

UK statistical summary

Mean temperature

The provisional mean value is 15.3 °C, which is 0.9 °C above the 1981-2010 average.

Rainfall

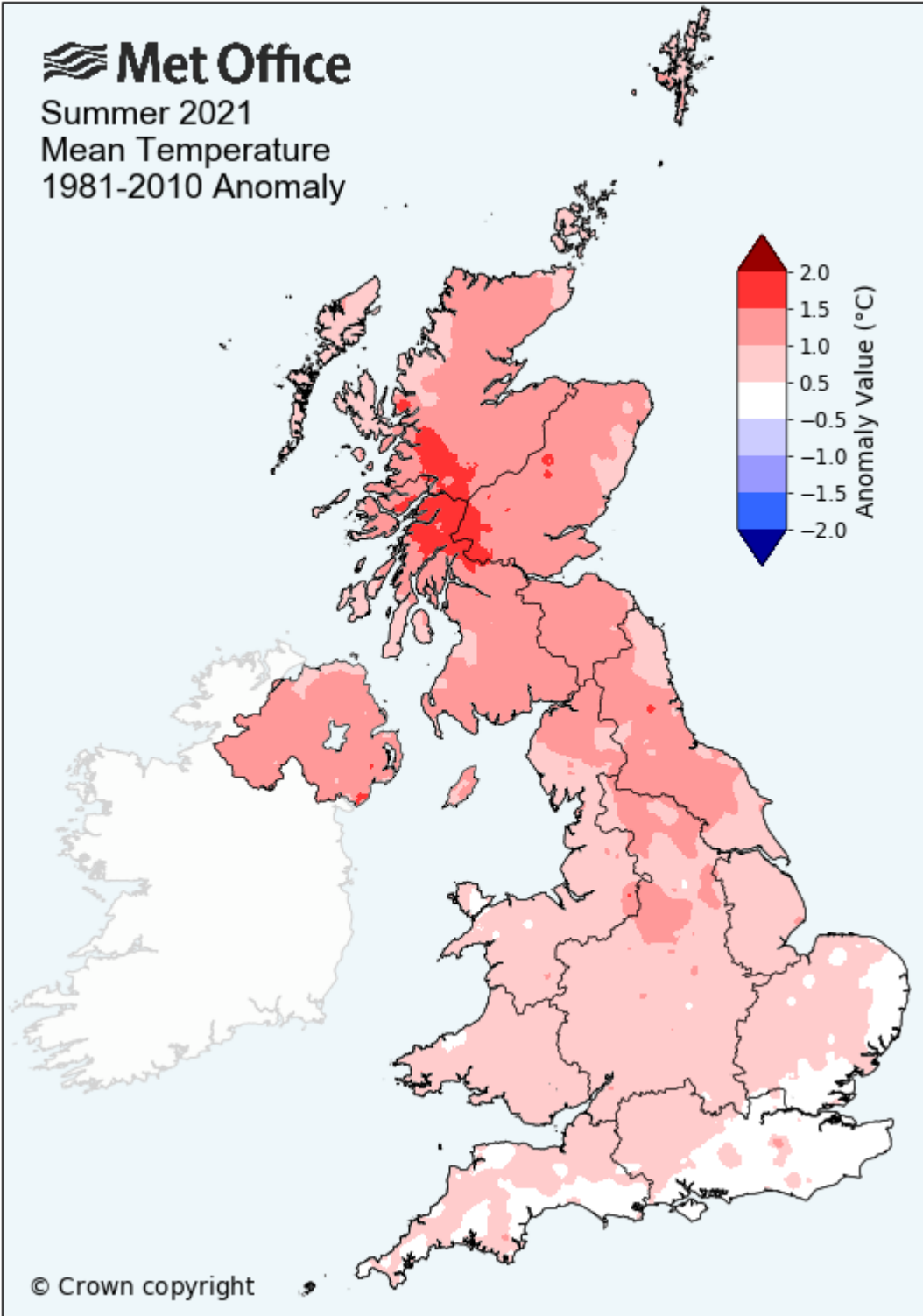
The provisional total is 181 mm, which is 75% of the 1981-2010 average.

Sunshine

The provisional total is 502 hours, which is 99% of the 1981-2010 average.

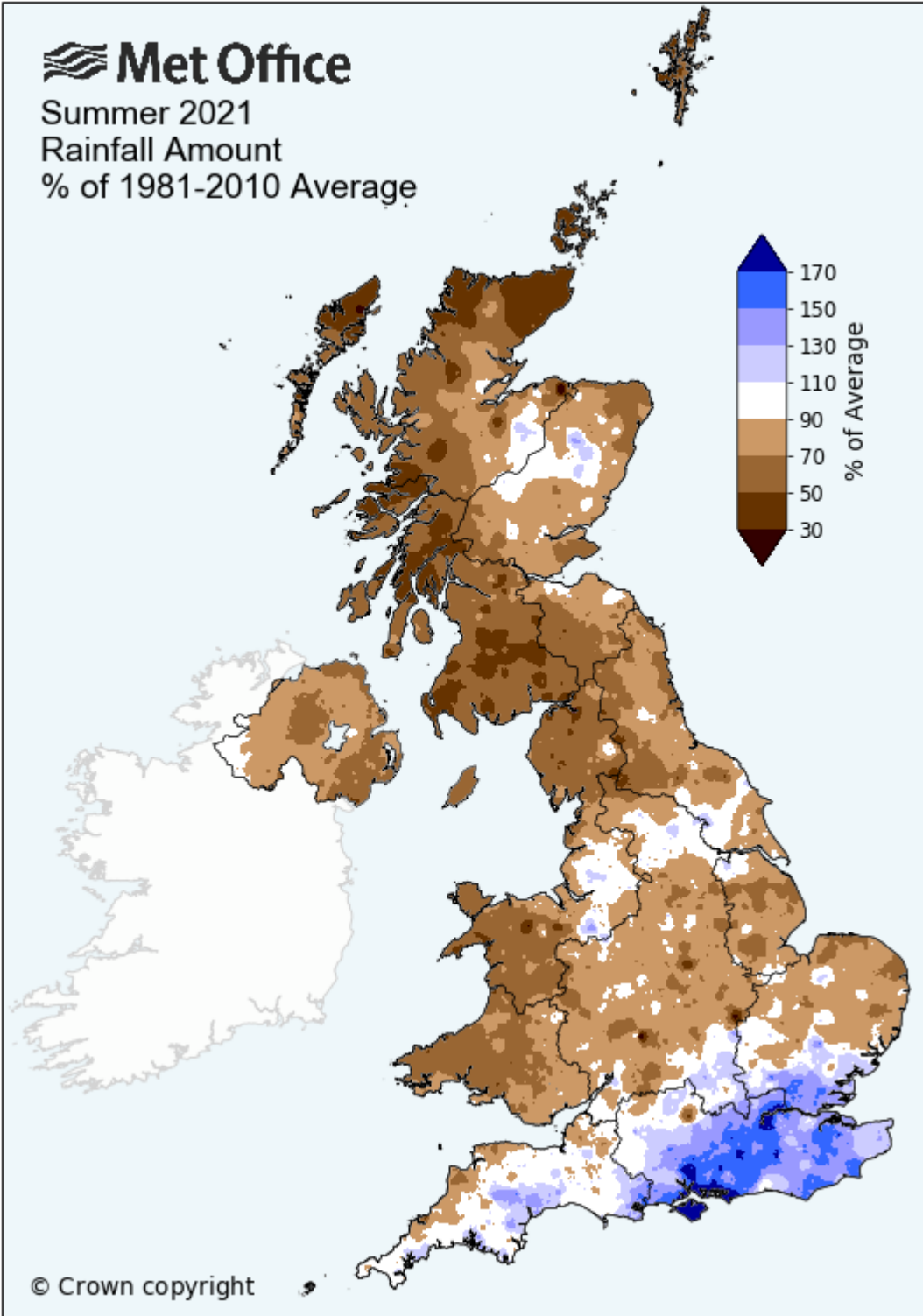
 **Met Office**

Summer 2021
Mean Temperature
1981-2010 Anomaly



 **Met Office**

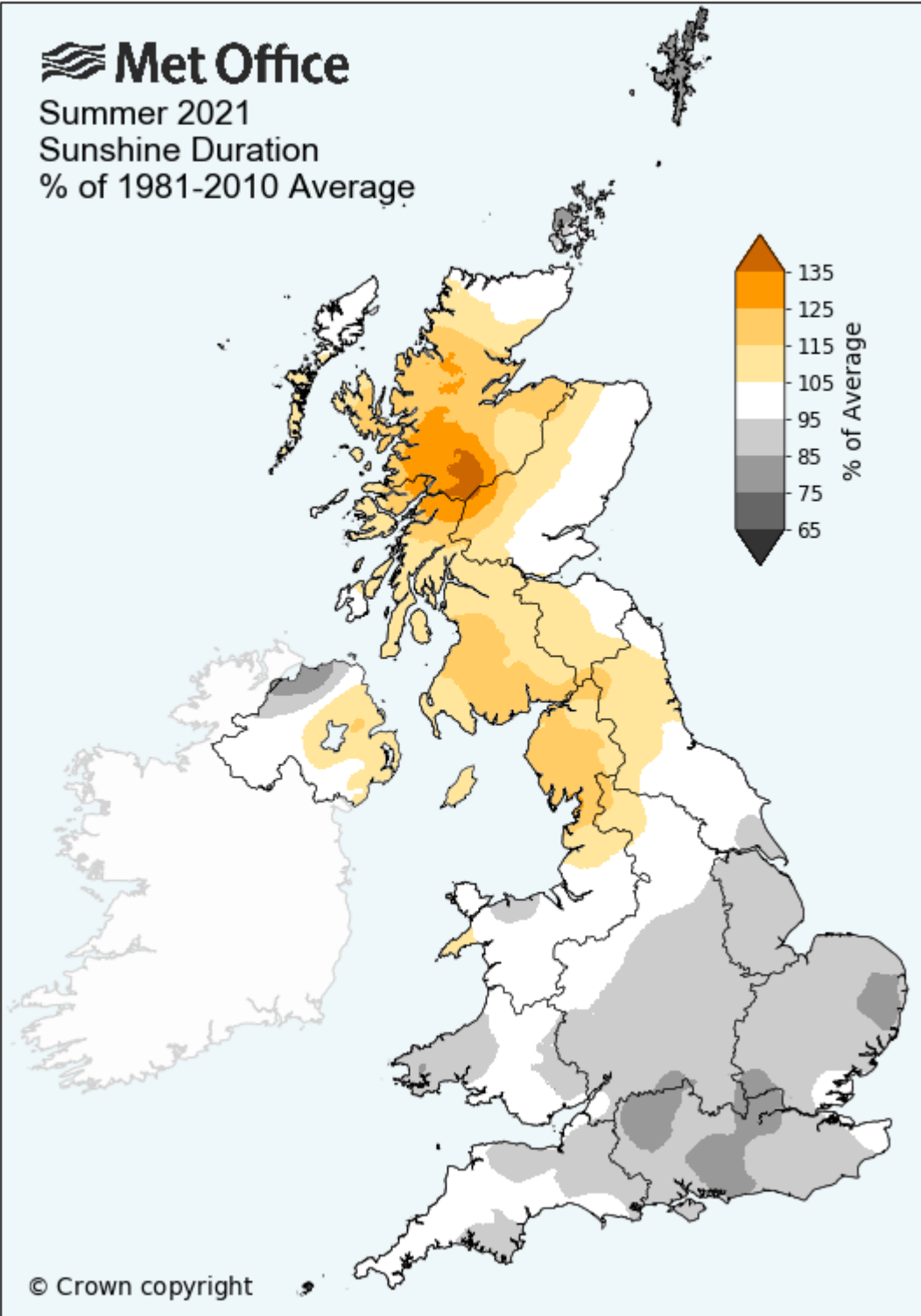
Summer 2021
Rainfall Amount
% of 1981-2010 Average



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Summer 2021
Sunshine Duration
% of 1981-2010 Average



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Mean Temperature - Summer 2021 - UK

