

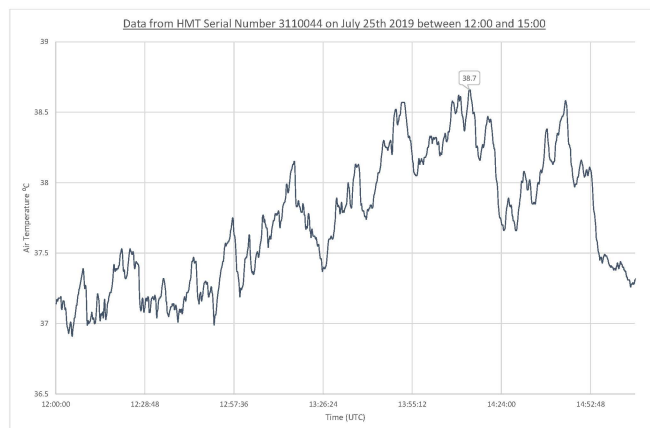
Weather chart for 1200 UTC on 25 July 2019

General summary

It was a quiet picture across the UK through the early hours of Thursday with clear spells for many, although some mist and low cloud developed around coasts in the southwest. A little rain affected the far northwest too, but for all areas it was warm and humid with some places staying around twenty degrees Celsius throughout. Clear skies then led to a sunny start to the day, with only the far west having a little cloud and just a few spots of rain over the west of Northern Ireland. Conditions remained clear and led to exceptionally warm conditions across most parts but especially in the East of England.

Significant weather event

Temperatures climbed rapidly in the sunshine triggering some thunderstorms across east Wales and the west Midlands which spread northwards giving some large hail across Liverpool and northwest England. Further thunderstorms also developed over the continent and spread northwards across the England Channel into central and eastern England. These gave frequent lightning, some intense downpours and hail during the evening. It was an exceptionally hot day with temperatures widely reaching the mid thirties Celsius. A daily maximum temperature of 38.7 °C was recorded at Cambridge Botanic Garden, setting a new all-time UK temperature record. Western areas were not as hot though with temperatures nearer normal.



Graph of temperature at Cambridge Botanic Garden on the afternoon of 25 July 2019. This shows the temperature rising above the previous record of 38.5 °C on three separate occasions during the early afternoon.

Daily weather extremes

Highest Maximum Temperature

38.7 °C at Cambridge Botanic Garden (Cambridgeshire)

Lowest Minimum Temperature

10.5 °C at Ravensworth (North Yorkshire)

Most Rainfall

11.6 mm at Charsfield (Suffolk)

Most Sunshine

14.1 hours at St. Harmon No 2 (Powys)