



## Monthly Weather Summary

**April 2025**

**Very Warm – Very Dry**

**New Warmest April Day Recorded**

### General and Barometric Pressure

With high pressure once again the dominant feature of the month, April was a fine month, consistently dry and sunny and quite warm, especially by day.

After a dry and sunny first 12 days of the month the period 12-18<sup>th</sup> saw the only meaningful rain of the month before a return to dry and settled conditions which became very warm at the end of the month.

Overall, just like March, it was a rather quiet and uneventful month.

High pressure was to the fore during the month, especially during the first half of the month and again from the 23<sup>rd</sup> through to the month's end and consequently mean air pressure would finish 2.5MB above average.

And with high pressure to the fore the winds this month were anomalously South Easterly to Easterly with little weather coming direct from the Atlantic.

With high pressure dominant for the first thirteen days of the month, it really did feel like spring had sprung and the days were quite stunning; sunny, dry and pleasantly warm by day.

It really was a case of 'wall to wall' sunshine.

On a couple of days (2<sup>nd</sup> and 6-7<sup>th</sup>) the skies remained totally cloudless, but on the 2-3<sup>rd</sup> and the 5-6<sup>th</sup> there was a notable breeze that was quite cool. Every day was comfortably warmer than average and even the 5<sup>th</sup>, the coolest day of the period at just 12.6°C.

With the clear skies and the winds falling quiet, each of the 7-10<sup>th</sup> would record air frosts, the 7<sup>th</sup> the month's coldest night at -2.0°C.

The period ended with pressure at its highest for the month, still plenty of sunshine and day-time maxima above average for the 10-12<sup>th</sup>.

It would still be sunny and dry on the 13<sup>th</sup>, but cooler, but would be credited with the month's first rain (1.5 mm) which fell from 08h on the 14<sup>th</sup>.

The next few days fell under the influence of low pressure in the Atlantic, which brought overcast conditions, some spells of rain or showers and much cooler maxima.

The 16<sup>th</sup> saw 6.2 mm of rain fall in the afternoon and evening and would be the only day of the month that would fail to attain 10°C with a maximum of 8.7°C.

The 18<sup>th</sup> would become the month's wettest day with 8.8 mm, again falling in the afternoon and evening, but then apart from a few showers on the 21<sup>st</sup>, the rest of the month would be dry.

The temperatures would steadily rise, initially more so by night, and whilst it wasn't as glorious as those first 13 days, there was still decent sunny spells, if also cloudy at times.

High pressure had always been near to the UK, but come the 29-30<sup>th</sup> it was dominant in the North Sea and over the UK.

Now it became warm – aided by wall to wall sun, the temperature on the 29<sup>th</sup> rose to 21.8°C, the first day of the year to attain 20°C and then the 30<sup>th</sup> would create a new temperature record for April at this site; a maximum of 24.2°C being the highest April temperature yet recorded.

## Temperature

The most notable feature of the month was the consistently high day-time maxima , only six days in the month failing to rise above the average of 12.3°C and which saw the mean maximum finish a remarkable 3.03°C above average.

As for the mean minimum this was much closer to the average at just 0.39°C above average.

With a mean minimum of 3.52°C and a mean maximum of 15.35°C April 2025 saw the temperature finish 1.71°C above the sixteen year average for this site.

This saw it being the warmest April since 2011 and since the record commenced (2009), one has been warmer and fifteen have been colder.

The highest maximum during the month was 24.2°C (75.6°F / 30<sup>th</sup>) and the lowest minimum, -2.0°C (28.4°F / 7<sup>th</sup>).

## Precipitation

To go with the last two days of March and the first twelve days of April failing to record any rainfall, we would fall one day short of a meteorological '*Absolute Drought*'.

At Maulds Meaburn rainfall totalled 21.7 mm (0.85 in), this being 38.0% of the average for 2008-24, making it the driest April since 2021.

Since the record began, four have been drier and thirteen have been wetter.

Locally rainfall at Maulds Meaburn North was 21.2 mm and at Castlehowe Scar 30.3 mm (42.9%).

Figures from a selection of Environment Agency's rainfall sites were, (figure in brackets being the monthly average for 1991-2020) '*Data kindly provided by the Hydrometry and Telemetry team of the Environment Agency:*

At **Appleby in Westmorland** rainfall of 14.0 mm (LTA of 47.8 mm) represents 29.3% of its average (1857-2023) and made it the driest since 2021.

Since the record commenced, twelve have been drier and 156 have been wetter.

**Kirkby Thore** 11.8 mm -- (44.6 mm)

**Haresceugh Castle** (Kirkoswald) 10.43 mm -- (62.5 mm)

**Brothers Water** 67.66 mm -- (141.3 mm)

**Seathwaite Farm** (Borrowdale) 71.2 mm -- (180.9 mm [average for 1845-2024]) represents 39.4 of its average, making it the driest since 2021.

Since the record commenced, 16 have been drier and 164 have been wetter.

## Other:-

During the month the following '*days of*' were recorded: nothing at all

The wind speed averaged 5.07 mph, with a maximum gust of 34 Mph (3<sup>rd</sup>).

We had 5 Air Frosts in the month (year 37) -- Grass Frosts totalled 11 (year 70).

One foot soil temp ranged from a low of 8.7°C (2-3<sup>rd</sup> and 7<sup>th</sup>) to a high of 12.8°C (30<sup>th</sup>) with a mean of 10.0°C

One metre soil temp ranged from a low of 8.0°C (1<sup>st</sup> – 2<sup>nd</sup>) to a high of 10.2°C (30<sup>th</sup>) with a mean of 9.0°C

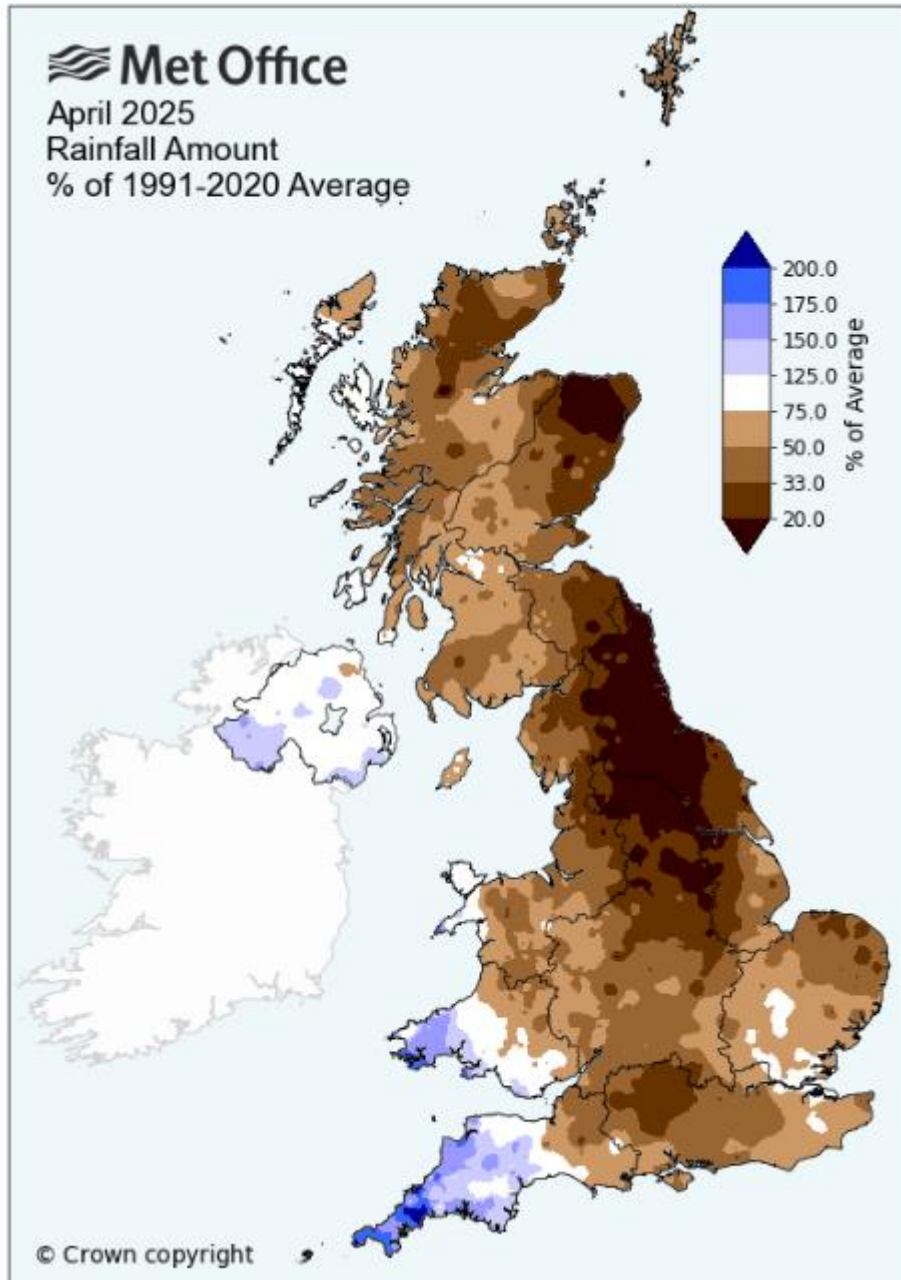
## Year to Date:-

For the January to April period the mean temperature is 0.58°C warmer than average and rainfall is just 49.4% of the long-term average.

However, the mean temperatures do show a large disparity.

Whilst the mean maximum is currently 1.21°C above average, the mean minimum is still 0.07°C below!

April's Rainfall Anomaly



April's Temp' Anomaly

