

Rode Weather Report for July 2024

The following is a summary of the key readings on my Davis Vantage Vue weather station located in the middle of our back garden in Rode.

I have put the readings in a table and shown the equivalent readings since my first July readings in 2020 soon after I had installed the system. I now have 5 columns which I have spread over two tables. This gives a slightly longer term overview of weather conditions in the village.

July Readings

	2023	2022	2021	2020
Average Maximum	21°C	26°C	24°C	22°C
Average Minimum	12°C	12°C	13°C	11°C
Max Temp/dates	29°C 7	37°C 18	33°C 18	32°C 31
Min Temp/dates	7°C 26	8°C 5,15,27	11°C 6,8,11,16, 29	7°C 20,21
Total Rain	158.6mm	12.0mm	111.6mm	57.6mm
Max 24hr Rain	32.2mm 14-15	7.0mm 2-3	48.4mm 23-24	30.2mm 25-26
Days with Zero rain	11	25	15	19

	2024
Average Maximum	23°C
Average Minimum	11°C
Max Temp/dates	32°C 31
Min Temp/dates	7°C 8
Total Rain	50.8mm
Max 24hr Rain	20.6mm 5-6
Days with Zero rain	19

At least to start with, July was a relatively cool month with maximum temperatures in the high teens, low 20s. But from mid month onwards the temperature started to climb with the last three days of the month in the low 30s. This coincided with a high pressure area becoming established over the UK, the jet stream having moved north. Using the Met Office definition of a heatwave as being temperature exceeding 27°C for three consecutive days, we can say July ended with a heatwave – maximum temperatures on the last three days were 31°C, 31°C, and 32°C.

It was also relatively dry, with no rain on 19 days, and a total of 50.8mm, 40% of which fell on the 5th/6th. In 2022 the late Michael Cooper gave the average July rainfall for Frome over 14 years as 66.6mm, so this month has been a little below average.

In the UK, because of various factors including the fact we are surrounded by water, maximum temperatures usually lag by about 6 weeks behind the passage of the sun. 6 weeks after summer solstice brings you to about the end of July, beginning of August. From now on, temperatures will start to fall to a minimum around the end of January, beginning of February. Something to think about if you don't like the heat!

Terry Morrow – 2/7/2024