

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

JULY 2003

RAINFALL

54.2mm (2.13ins) on 13 days.

Greatest fall in 24 hours (09-09h) - 11.2mm (0.44ins) on 16th.

July 2002 total rainfall - 81.2mm (3.20ins) on 13 days.

January to July 2003 - 273.5mm (10.77ins)

January to July 2002 - 485.4mm (19.11ins)

TEMPERATURES

Highest Maximum - 28.4°C (83.1°F) on 15th.

Lowest Maximum - 18.0°C (64.4°F) on 2nd.

Highest Minimum - 17.5°C (63.5°F) on 16th.

Lowest Minimum - 10.5°C (50.9°F) on 7th.

Lowest Grass - 9.5°C (49.1°F) on 7th.

SUNSHINE

July 2003 - 251.4 hours on 31 days.

July 2002 - 235.1 hours on 29 days.

Maximum sunshine in 24 hours - 15.1 hours on 13th.

January to July 2003 - 1314.1 hours.

January to July 2002 - 1161.2 Hours.

SUMMARY

July was warm and overall sunny with a hot spell for a time during the middle of the month. The mean maximum and minimum temperatures were both well above their seasonal averages and many uncomfortable difficult to sleep nights were spent during the mid-month hot weather. The rainfall for the month was just above the average but would have been a lot less but for the six days 24th to 29th when there was an unwelcome accumulation of precipitation totalling 30.6mm.

The month began continuing unsettled from the previous month and, during the early hours of 2nd, frontal activity resulted in heavy rain (9.5mm). Pressure began to rise on 4th and the weather became dry and warm with sunshine. Pressure remained high and on 9th it became very hot with a maximum temperature of 25.1°C (77.1°F) recorded. The weather continued warm, dry and sunny. To produce the hottest day of the Summer on 15th with a high of 28.4°C (83.1°F). On 16th, low pressure took over the weather scene with frontal activity bringing heavy rain to the area during the night 16/17 (11.2mm) so ending 12 successive dry days. The weather continued unsettled with a daily threat of showers, which rarely materialised, and some sunshine. After a short period of settled weather between 20th and 22nd, the weather became again unsettled. There were periods of frontal activity resulting in a wet spell which continued through to the end of the month and succeeded in making the annual carnival on 26th a rather wet affair albeit it did little to dampen the enthusiasm of those taking part.

The total rainfall of 54.2mm was above the seasonal average of 42.57mm. A total of 30.6mm was recorded between 24th and 29th.

The sunshine total of 251.4 hours exceeded the seasonal average of 239.1 hours.

The mean maximum temperature of 22.2°C and minimum of 14.5°C were both well above their respective seasonal averages of 20.2°C and 13.6°C. It was the warmest July since 1995.

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