

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

SEPTEMBER 2003

RAINFALL

4.8mm (0.12ins) on 6 days.

Greatest fall in 24 hours (09-09h) - 2.5mm (0.10ins) on 9th.

September 2002 total rainfall - 53.9mm (2.12ins) on 2 days.

January to September 2003 - 300.5mm (11.831ins)

January to September 2002 - 593.8mm (23.37ins)

TEMPERATURES

Highest Maximum - 23.7°C (74.6°F) on 16th.

Lowest Maximum - 15.8°C (60.4°F) on 23rd.

Highest Minimum - 15.9°C (60.6°F) on 22nd.

Lowest Minimum - 3.7°C (38.6°F) on 24th.

Lowest Grass - 2.1°C (35.7°F) on 24th.

SUNSHINE

September 2003 - 229.3 hours.

September 2002 - 209.5 hours.

Maximum sunshine in 24 hours - 11.1 hours on 14th.

January to September 2003 - 1809.1 hours.

January to September 2002 - 1593.4 hours.

SUMMARY

September was another very dry month, making it the seventh out of the nine so far this year when the rainfall has been below the seasonal average - most cases well below. It was the driest September since 1959 (3.8mm). It was also a warm month with plenty of sunshine.

The month began with high pressure centred over the U.K. and dominating the weather scene. It was warm with light winds but alas a little short on sunshine. On 4th, the weather turned a little unsettled with some light showers on 4th and 6th. Although more general rain was forecast it remained otherwise dry. Showers early on the morning of 10th produced the maximum daily rainfall total for the month (2.5mm). On 12th, pressure rose over the U.K. to once again dominate the weather scene. The weather was dry, sunny, and warm with very little wind. On 18th, the weather became more changeable. It however remained dry, warm, and sunny with day temperatures staying above the average. On 22nd, pressure began to drop to produce some light showers, and the coldest day of the month (15.8°C on 23rd). High pressure returned to centre over the U.K. on 24th. There was a near ground frost in the area (2.1°C) on night 23/24 with frosts further inland. The weather continued dry, warm, and sunny through to the end of the month despite high pressure beginning to move away on 28th.

The rainfall total of 4.8mm was well below the seasonal average of 58.49mm.

The sunshine total of 229.3 hours was well above the seasonal average of 170.5 hours. It was the second sunniest for more than 30 years. 1997 was the sunniest with 241.8 hours.

The mean maximum temperature of 20.2°C was well above the seasonal average of 17.9°C whereas the minimum of 10.0°C was below its seasonal average of 11.7°C. It was the warmest September since 1997.

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