

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

SEPTEMBER 2004

RAINFALL

37.7mm (1.48ins) on 12 days.

Greatest fall in 24 hours (09 09h) 11.9mm (0.47ins) on 12th.

September 2003 total rainfall 4.8mm (0.12ins) on 6 days.

January to September 2004 425.9mm (16.77ins)

January to September 2003 300.5mm (11.83ins)

TEMPERATURES

Highest Maximum - 26.5°C (79.7°F) on 5th.

Lowest Maximum - 14.5°C (58.1°F) on 25th.

Highest Minimum - 18.0°C (64.4°F) on 10th.

Lowest Minimum - 5.9°C (42.°F) on 25th.

Lowest Grass - 3.5°C (38.0°F) on 16th.

SUNSHINE

September 2004 185.2 hours on 28 days.

September 2003 229.3 hours on 29 days.

Maximum sunshine in 24 hours 13.0 hours on 1st.

January to September 2004 1637.3 hours.

January to September 2003 1809.1 hours.

SUMMARY

September overall was a dry month with the rainfall total of 38mm well below the seasonal average of 59mm which did much to balance out the previous month's soaking. It was a warm month with the mean day and night temperatures well above normal. Sunshine hours too were above the average. The weather for the month could be divided roughly into three parts. The first ten days were very warm and sunny. The second ten days brought the abrupt end of Summer with strong winds and the third ten days producing rather benign weather lacking in sunshine and feeling much cooler.

The month began with high pressure dominating the weather scene. It was dry with plenty of sunshine and with day temperatures well above the average for the time of year. A high of 26.5°C was recorded on 5th. The weather continued in this vein until the early hours of 10th when low pressure took over bringing rain to the area (6.2mm) the first recorded for 12 days. Low pressure began to dominate the weather scene. The "Sands of Time" weekend was threatened but apart from the annoying strong winds, it remained" with nearly six hours of sunshine on Saturday 11th and again on Sunday 12th. Frontal activity brought heavy rain on the morning of 13th (11.9mm) and it became very windy on 14th with gale force winds recorded on the coast. A Ridge of high pressure brought some sunshine on 15th and 16th but strong winds and some rain (7.0mm) returned on the evening of 17th. It became very windy on 20th with gusts of up to 50mph on parts of the coast, The weather became more settled and the threat of strong winds had receded by 23rd. The weather became rather benign with a lot of cloud and, apart from 24th (10.8 hours), Overall very little sunshine and occasional rain to continue through to the end of the month.

The rainfall total of 37.7mm was well below the seasonal average of 58.49mm.

The sunshine total of 185.2 hours was well in excess of the seasonal average of 170.5 hours.

The mean maximum temperature of 19.6°C and minimum of 12.9°C were both well above their respective seasonal averages of 17.9°C and 11.7°C.

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