

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

OCTOBER 2003

RAINFALL

67mm (2.67ins) on 10 days.
Greatest fall in 24 hours (09-09h) - 14.2mm (0.56ins) on 21st.
October 2002 total rainfall - 61.1mm (2.4ins) on 20 days.
January to October 2003 - 368.1mm. (14.49ins)
January to October 2002 - 654.9mm. (25.78ins)

TEMPERATURES

Highest Maximum	- 21.0°C (69.8°F) on 8th.
Lowest Maximum	- 9.8°C (49.6°F) on 22nd.
Highest Minimum	- 13.5°C (56.3°F) on 3rd.
Lowest Minimum	- -0.4° C (31.2°F) on 28th.
Lowest Grass	- -1.0°C (30.2°F) on 28th.

SUNSHINE

October 2003 163.2 hours on 29 days.
October 2002 115.7 hours on 27 days.
Maximum sunshine in 24 hours - 10.0 hours on 5th and 11th.
January to October 2003 - 1972.3 hours.
January to October 2002 - 1709.1 hours.

SUMMARY

October was overall a dry and sunny month in keeping with the trend of previous months, where the rainfall was well below the average and sunshine well in excess of the average. Day temperatures were above average and there were many delightful sunny Autumn days throughout the month albeit cold easterly and northerly winds prevailed for most of the time. Night temperatures tended to be below the average with early Autumn frosts recorded towards the end of the month.

The month began with low pressure dominating the weather scene. It was unsettled with a lack of sunshine. Frontal activity brought rain to the area during the afternoon and the evening of 1st and again during the early morning of 2nd. (11.6mm). The weather continued unsettled to the 5th, when a ridge of high pressure produced a sunny and dry day albeit the temperature was on the low side (12.5°C). Low pressure returned on 6th and the weather continued unsettled. On 10th, pressure began to rise over the U.K. The weather became more settled and there followed some spectacular sunny Autumn days. Unfortunately moderate north to easterly winds made it feel rather chilly. On 12th, the high pressure moved to the northeast and established itself over Scandinavia. The weather stayed dry and sunny but it remained rather cold in the easterly wind. The weather continued under the influence of the Scandinavian high until 20th when low pressure took over. The weather became more unsettled but there was a fair amount of sunshine. The night 20/21 was very cold with the first Autumn ground frost recorded. Showers during the night 21/22 produced the first rainfall for 15 days (14.2mm). The 22nd was a wet day with some thunder during the morning. On 23rd, high pressure took over and the weather became more settled. Day and night temperatures dropped with the first air frost recorded on 28th. Low pressure took over on 29th to end the month as it began, on a very damp note.

The rainfall total of 67.6mm was well below the seasonal average of 83.62mm.

The sunshine total of 163.2 hours was well above the seasonal average of 127.9 hours. The sunniest since 1997 (190.5 hours).

The mean maximum temperature of 14.7°C was just above the seasonal average of 14.4°C whilst the minimum of 6.2°C was well below its seasonal average of 9.1°C.