

BOGNOR REGIS  
METEOROLOGICAL OBSERVATIONS  
MAY 2002

RAINFALL

74.3mm (2.92ins) on 16 days.  
Greatest fall in 24 hours (09-09h) - 13.2mm (0.52ins) on 13th.  
May 2001 total rainfall - 17.0mm (0.67ins) on 6 days.  
January to May 2002 - 343.1mm (13.51ins)  
January to May 2001 - 366.4mm (14.42ins)

TEMPERATURES

Highest Maximum	-	21.0 <sup>o</sup> C (69.8 <sup>o</sup> F)	on 17th.
Lowest Maximum	-	12.7 <sup>o</sup> C (54.8 <sup>o</sup> F)	on 6th.
Highest Minimum	-	15.0 <sup>o</sup> C (59.0 <sup>o</sup> F)	on 17th.
Lowest Minimum	-	4.3 <sup>o</sup> C (39.7 <sup>o</sup> F)	on 5th.
Lowest Grass	-	1.8 <sup>o</sup> C (35.2 <sup>o</sup> F)	on 5th.

SUNSHINE

May 2002 - 235.9 hours on 29 days.  
May 2001 - 232.7 hours on 31 days.  
Maximum sunshine in 24 hours - 14.5 hours on 31st.  
January to May 2002 - 729.1 hours.  
January to May 2001 - 650.2 hours.

SUMMARY

The weather during the month of May was constantly changing and, as a result, there were few periods when the weather remained settled. Overall, it was a wet month with the rainfall well above the seasonal average and spread over a total of 16 days. Sunshine was very close to the seasonal average and the day temperatures were near normal for the time of year.

The month began with low pressure dominating the weather scene. It was cool and dry with a fair amount of sunshine. The weather remained unsettled with some rain on the morning of 6th (Bank Holiday Monday). Further frontal activity brought rain to the area during the early hours of 7th (4.7mm) and again on 12th (3.9mm). On 13th a depression centred over the U.K. The associated fronts brought strong winds and continuous rain (23.2mm). Pressure rose on 15th bringing a warm airflow from the Mediterranean to the U.K. Temperatures rose on the 16th. This situation was however shortlived with low pressure returning on 18th. Subsequent frontal activity brought heavy showers to the west and to the north of the area, although locally rainfall was very light. The weather continued unsettled with a heavy thunderstorm during the night 20/21 with 11.1mm of rain. Continuing unsettled the weather became windy with sunshine and showers. A deep depression centred over the U.K. on 24th brought strong to gale force winds to the area. The weather continued in this vein with strong winds and mainly sunshine and showers until the last day of the month, which turned out to be dry, warm, and sunny - the sunniest day of the month.

The rainfall total of 74.3mm was well in excess of the seasonal average of 40.75mm.

The sunshine total of 235.9 hours was almost on par with the seasonal average of 235.7 hours and just 3.2 hours more than last year.

The mean maximum temperature of 15.5<sup>o</sup>C was close to the seasonal average of 15.3<sup>o</sup>C whereas the mean minimum of 10.2<sup>o</sup>C was well above the seasonal average of 8.7<sup>o</sup>C.