

BOGNOR REGIS  
METEOROLOGICAL OBSERVATIONS  
AUGUST 2002

RAINFALL

54.5mm (2.14ins) on 10 days.  
Greatest fall in 24 hours (09-09h) - 26.9mm (1.06ins) on 25th.  
August 2001 total rainfall - 53.2mm (2.09ins) on 13 days.  
January to August 2002 - 539.9mm (21.25ins)  
January to August 2001 - 472.5mm (18.60ins)

TEMPERATURES

Highest Maximum	-	26.1 <sup>o</sup> C (79.0 <sup>o</sup> F)	on 15th.
Lowest Maximum	-	19.1 <sup>o</sup> C (66.3 <sup>o</sup> F)	on 9th & 26th.
Highest Minimum	-	17.3 <sup>o</sup> C (63.1 <sup>o</sup> F)	on 30th.
Lowest Minimum	-	10.9 <sup>o</sup> C (51.6 <sup>o</sup> F)	on 23rd.
Lowest Grass	-	9.6 <sup>o</sup> C (49.2 <sup>o</sup> F)	on 23rd.

SUNSHINE

August 2002 - 222.7 hours on 31 days.  
August 2001 - 209.7 hours on 27 days.  
Maximum sunshine in 24 hours - 13.6 hours on 13th.  
January to August 2002 - 1383.9 hours.  
January to August 2001 - 1411.7 hours.

SUMMARY

August produced a total of 54.5mm of rain which was above the average of 49.63mm. However, since 81% was recorded over three days viz, 8, 9, and 25th, for the remainder of the month it was relatively dry. Sunshine was ten hours short of the average but overall it was a warm sometimes hot month, the warmest since 1997.

The month began with the weather over the U.K. somewhat unsettled. Fortunately the south escaped the heavy rain which brought the worst floods for years in the north of the U.K. The weather continued unsettled with thunder during the afternoon of 4th. Temperatures however remained above the seasonal average. Frontal activity brought heavy rain (10.4mm) to the area during the night 8/9. The weather remained changeable although it stayed mainly dry even though heavy showers occurred outside the area. Temperatures remained high with the warmest day of the month on 15th (26.1<sup>o</sup>C). During this period there was a fair amount of sunshine. From 15th to 24th, it stayed dry and warm with some good sunny days albeit it was rather humid at times. On 25th, a thunderstorm passed through the area during the afternoon bringing very heavy rain (26.9mm) resulting in some local flooding. From 26th to the end of the month, the weather became more settled and, apart from 30th which was mainly overcast with drizzle, remained warm with a fair amount of sunshine.

The total rainfall of 54.5mm was above the seasonal average of 49.63mm but close to last years total of 53.2mm.

The sunshine total of 222.7 hours was below the seasonal average of 232.2 hours but exceeded last years total of 209.7 hours.

The mean maximum temperature of 22.0<sup>o</sup>C and minimum of 14.0<sup>o</sup>C were both well above their respective seasonal averages of 20.1<sup>o</sup>C and 13.6<sup>o</sup>C. It was the warmest August since 1997 and of note, there were only four days when the maximum temperature recorded was below 20.0<sup>o</sup>C.