

BOGNOR REGIS  
METEOROLOGICAL OBSERVATIONS  
AUGUST 2001

RAINFALL

53.2mm (2.09ins) on 13 days.  
Greatest fall in 24 hours (09-09h) - 12.1mm (0.48ins) on 9th.  
August 2000 total rainfall - 37.3mm (1.47ins) on 11 days.  
January to August 2001 - 472.5mm (18.60ins)  
January to August 2000 - 410.2mm (16.15ins)

TEMPERATURES

|                 |   |                 |          |
|-----------------|---|-----------------|----------|
| Highest Maximum | - | 24.5°C (76.1°F) | on 25th. |
| Lowest Maximum  | - | 18.3°C (65.0°F) | on 9th.  |
| Highest Minimum | - | 19.7°C (67.4°F) | on 26th. |
| Lowest Minimum  | - | 9.2°C (48.5°F)  | on 10th. |
| Lowest Grass    | - | 7.0°C (44.6°F)  | on 10th. |

SUNSHINE

August 2001 - 209.7 hours on 27 days.  
August 2000 - 248.8 hours on 31 days.  
Maximum sunshine in 24 hours - 13.0 hours on 16th and 28th.  
January to August 2001 - 1411.7 hours.  
January to August 2000 - 1427.4 hours.

SUMMARY

The month of August was overall a warm month with the highest temperatures recorded during the last eleven days. It was rather wet at times - including three out of the four Sundays - with most of the rainfall occurring during the first ten days. Sunshine hours were below the average for the time of the year and there were twelve days when a total of five hours or less were recorded.

The month began with low pressure dominating the weather scene. On 2nd, light rain (1.9mm) brought an end to a twelve day dry period. The weather continued unsettled with small amounts of rainfall. During the period 7th to the 9th, frontal activity resulted in a total of 27mm of rain - more than half the total for the month - with the rain accompanied by thunder on 9th. Tornadoes were reported to the west in Hampshire with flooding in places. From 9th to 14th, the weather continued to be dominated by low pressure, although there was little or no rain and variable amounts of sunshine. Temperatures were around the seasonal average. From 15th onwards the weather became more settled and temperatures rose. It became very warm, hot at times, and sunny. Low pressure moved into the U.K. on 18th and associated fronts brought rain to the area (7.9mm) during the afternoon and night 18/19 with south westerly winds becoming strong on 19th. Pressure rose again on 20th. Temperatures increased and sunshine was abundant. This continued through to 27th. Following the hottest day of the month on 25th (24.5°C) - London reported 31.6°C - the night 25/26 was very hot with a minimum temperature of 19.7°C. On 26th, there were thunderstorms in the area and again on 31st when low pressure eventually began to dominate the weather scene.

The total rainfall of 53.2mm was above the seasonal average of 49.63mm.

The sunshine total of 209.7 hours was below the seasonal average of 232.2 hours. the second lowest since 1992 (171 hours) and 1997 (204.3 hours)

The mean maximum temperature of 20.7°C and minimum of 14.6°C were both above their respective averages of 20.1°C and 13.6°C.