

## **BOGNOR REGIS METEOROLOGICAL OBSERVATIONS**

### **DECEMBER 2007**

#### **RAINFALL**

70.8mm (2.78ins) on 12 Days.

Greatest fall in 24 hours (09 - 09h) - 12.6mm (0.49ins) on 1st.

December 2006 total rainfall - 84.5mm (3.33ins) on 16 days.

January to December 2007 - 720.8mm (28.38ins)

January to December 2006 - 646.9mm (25.47ins)

#### **TEMPERATURES**

Highest Maximum -13.5°C (56.3°F) on 5th & 6th.

Lowest Maximum -3.8°C (38.8°F) on 15th & 18th.

Highest Minimum -10.3°C (50.5°F) on 6th.

Lowest Minimum --1.5°C (29.3°F) on 20th.

Lowest Grass - -3.2°C (26.2°F) on 18th.

#### **SUNSHINE**

December 2007 - 79.6 hours on 21 days.

December 2006 - 60.9 hours on 16 days.

Maximum sunshine in 24 hours - 7.0 hours on 12th.

January to December 2007 - 2033.1 hours.

January to December 2006 - 2039.6 hours.

#### **SUMMARY**

The weather for December was spread over three distinctive phases. From the 1st to 10th low pressure dominated the weather scene and it was wet and mild with sunshine hard to find. There followed a period of high pressure from the 11th to 24th with a succession of 14 dry days. There was also plenty of sunshine, but day and night temperatures were much lower with night frosts a common occurrence. Winds were mainly from the north to make it that much colder. Finally, from the 24th to the end of the month the weather became changeable with westerly winds bringing rain and mild temperatures and there was little sunshine.

The month began dry and sunny after a wet and windy final day of the previous month. However, this was short lived with the 2nd producing rain and strong winds. The wet weather continued to the 10th with a total rainfall for the first ten days of 55.1mm - over 70% of the months' total. On 11th, high pressure was well established over the U.K. and remained until the 24th to control the weather scene. The 15th and 18th were the two coldest days with a maximum temperature of 3.8°C. Both days were bitterly cold with an easterly wind. The high pressure gradually moved away to the north east of the U.K., But the cold dry weather continued until the 24th when the high pressure moved well away to the east and ceased to control the U.K. weather, which became changeable. Christmas Day was mild, devoid of any sunshine, windy, and wet later in the day. The mild, wet, and mainly dull weather continued to the end of the month.

The rainfall total of 70.8mm was below the seasonal average of 75.54mm.

The sunshine total of 79.6 hours was well above the seasonal average of 62.3 hour.

The mean maximum temperature of 9.0°C was just above its seasonal average of 8.°C whereas the mean minimum temperature of 3.9°C was below its seasonal average of 4.2°C.