

## **BOGNOR REGIS**

### **METEOROLOGICAL OBSERVATIONS**

#### **FEBRUARY 2007**

##### **RAINFALL**

114.3mm (4.5ins) on 19 days.

Greatest fall in 24 hours (091-09h) - 21.6mm (0.85ins) on 13th.

February 2006 total rainfall - 48.5mm (1.91ins) on 13 days.

January to February 2007 - 165.7mm (6.52ins)

January to February 2006 - 66.1mm (2.60ins)

##### **TEMPERATURE**

Highest Maximum -12.3°C (54.1°F) on 2nd.

Lowest Maximum -6.2°C (43.1°F) on 7th.

Highest Minimum -8.3°C (47.0°F) on 23rd.

Lowest Minimum --2.0°C (29.4°F) on 7th.

Lowest Grass --3.3°C (26.0°F) on 7th.

##### **SUNSHINE**

February 2007 - 92.4 hours on 22 days.

February 2006 - 77.8 hours on 16 days.

Maximum sunshine in 24 hours - 7.7 hours on 26th.

January to February 2007 - 165.6 hours.

January to February 2006 - 149.1 hours.

##### **SUMMARY**

February was a very mild month with just two nights when zero temperatures were recorded. It was also very wet with a total of 19 days when rainfall was recorded. With a total of 114.3mm it was the wettest on record - the nearest to this total being 1990, with 113.7mm's. The sunshine total was just above the average for February.

The month began with the weather dominated by high pressure well, established over the U.K. It was dry, with light winds and plenty of sunshine. This fine weather however was short lived and, on the 6th the high pressure moved away to the east and the weather became more changeable. It became colder with air frosts recorded on 7th and 8th. Frontal activity during the night 7/8 brought widespread snow to much of the country. However the southern coastal strip was spared the snow which fell as heavy rain. The weather continued to be dominated by low pressure with the nights 10/11 and 11/12 being very wet and windy and the two nights producing a total of 24mm's of rain. This was followed on the, night 13/14 when heavier rain was recorded (21.6mm). Temperatures throughout this period remained well above the seasonal average and were to follow this trend to the end of the month. From the 14th to the 19th, there was a lull in the rainfall but sunshine was hard to find. The 20th was a dull day and during the night 20/21 heavy showers affected the area - 7.8mm's. The weather continued to be dominated by low pressure although in between showers on 21st, 7.2 hours of sunshine were recorded. During the night 24/25 frontal activity produced a total of 10.8mm's of heavy rain. A ridge of high pressure crossed the U.K. on 26th to produce a most welcome sunny day - 7.7 hours. The weather on the 26th was short lived with a mixture of sunshine and showers ending the month.

The rainfall total of 114.3mm's was well above the seasonal average of 45.9mm.

The sunshine total of 92.4 hours was marginally above the seasonal average of 88.3 hours.

The mean maximum temperature of 10.0°C and minimum of 5.1°C were both well above their respective seasonal averages of 7.2°C and 2.4°C. It was the warmest February, since 2002.

A.E.S. 05 MAR 07