

## **BOGNOR REGIS**

### **METEOROLOGICAL OBSERVATIONS**

#### **FEBRUARY 2005**

##### **RAINFALL**

15.9mm (0.63ins) on 13 days.  
Greatest fall in 24 hours 09 09h 4.6mm (0.18ins) on 10th.  
February 2004 total rainfall 15.1mm (0.59ins) on 9 days.  
January to February 2005 63.3mm (2.49ins)  
January to February 2004 96.2mm (3.79ins)

##### **TEMPERATURES**

Highest Maximum	- 13.7°C (56.6°F) on 12th.
Lowest Maximum	- 3.3° C (38.0°F) on 24th.
Highest Minimum	- 7.8° C (46.0°F) on 11th.
Lowest Minimum	- -4.1° C (22.2°F) on 28th.
Lowest Grass	- -6.2°C (20.8°F) on 28th.

##### **SUNSHINE**

February 2005 99.3 hours on 20 days.  
February 2004 86.8 hours on 24 days.  
Maximum sunshine in 24 hours 8.9 hours on 19th.  
January to February 2005 191.2 hours.  
January to February 2004 168.6 hours.

##### **SUMMARY**

Temperature wise, February was a month of two halves. The first relatively mild for the time of the year, the second becoming progressively colder as the month wore on to produce the coldest night of the Winter on 28th. Nevertheless, the mean temperature for the month averaged out a little above the seasonal average. It was an exceptionally dry month with the recorded rainfall around one third of the seasonal average. Sunshine hours were above the seasonal average thanks to the contribution of 70% of the grand total during the second half of the month.

The month began on a dull note, albeit a dry one, with the first sunshine worthy of note appearing during the afternoon of the 6th. During this period high pressure was firmly anchored to the west of Ireland. The weather on 7th and 8th was mild and sunny almost Spring like. Some light frontal activity brought rain (4.6mm) to the area during the night 10/11. The 12th was a sunny day but it was getting noticeably colder. The wind moved around to the northern sector and the temperature began to fall further to produce a sleet shower on the morning of 13th. Ground frosts became a nightly occurrence. High pressure established itself to the west of the U.K. on 14th. There followed plenty of sunshine. The temperature continued to drop and the cold north to north easterly wind at times kept the ambient temperature below zero. There were snow showers during the evening and night 21/22. The weather continued very cold through to the end of the month with the hardest ground frost of 6.2°C recorded on 28th. Throughout the cold period although the area was subjected to the occasional snow flurry, snow falls of any consequence were confined mainly to the east of the U.K.

The rainfall total of 15.9mm was well below the seasonal average of 45.91mm 2004 managed 15.1mm.

The total sunshine hours of 99.3 was above the seasonal average of 88.3 hours. The sunniest since February 2000, 111.2 hours.

The mean maximum temperature of 7.4°C and minimum of 2.7°C were both above their respective seasonal averages of 7.2°C and 2.4°C.

A.E.S. 04 MAR 05