

## **BOGNOR REGIS**

### **METEOROLOGICAL OBSERVATIONS**

#### **JANUARY 2003**

##### **RAINFALL**

74.1mm (2.92ins) on 18 days.

Greatest fall in 24 hours (09.09h) 18.3mm (0.721ins) on 1st.

January 2002 total rainfall - 85.3mm (3.36ins) on 25 days.

##### **TEMPERATURES**

Highest Maximum - 13.0°C (55.4°F) on 27th.

Lowest Maximum - 0.7°C (33.2°F) on 7th.

Highest Minimum - 10.0°C (50.0°F) on 2nd.

Lowest Minimum - 5.5°C (22.1°F) on 12th.

Lowest Grass - 6.5°C (20.3°F) on 12th.

##### **SUNSHINE**

January 2003 - 116.4 hours on 28 days.

January 2002 - 61 0 Hours on 20 days.

Maximum sunshine in 24 hours - 7.8 hours on 27th.

##### **SUMMARY**

January was a sunny month, a total of 116.4 hours of sunshine, the sunniest since 1962 (116.5 hours). It was also a month of contrasting temperatures with day temperatures varying from as high as 13.0°C to as low as 0.7°C. Rainfall was close to the seasonal average.

The month began with the weather dominated by low pressure. Heavy rain was recorded during the early hours of the 1st and again on the 2nd. Day temperatures however reached double figures. Pressure began to rise on the 4th. The weather became dry and progressively colder with a snow shower on the morning of the 4th. Pressure continued to rise and the weather became colder to begin a succession of nine night air frosts. There was a brief snow shower on the morning of the 7th. On 11th high pressure centred over the U.K. to continue the dry and very cold weather. Temperatures rose during the night 13/14. It remained dry with day temperatures reaching 11.0°C on the 14th. High pressure began to move away to the south west and south westerly winds increased in strength. From the 15th to the 18th, it was dry and temperatures remained mild. Frontal activity brought heavy rain to the area early morning on the 19th (15.7mm) resulting in some local flooding. The weather remained unsettled and it continued wet and windy. There was more heavy rain (8.3mm) with very strong winds during the early morning of the 20th. The weather continued unsettled but it became drier. Between the 24th and 29th the weather became more settled. On 27th, a day temperature of 13.0°C was recorded exceptionally high for January. It remained dry with plenty of sunshine but temperatures began to drop. During the early hours of the 30th, a heavy snow shower passed through the area. The month ended on a very cold note. Of interest, the final 10 days of the month yielded a daily average of five hours of sunshine.

The rainfall total of 74.1mm was marginally over the seasonal average of 72.83mm.

The sunshine total of 116.4 hours was well above the seasonal average of 67.9 hours and the second sunniest since records began (1962 - 116.5 hours).

The mean maximum temperature of 7.3°C and minimum of 2.0°C were both below their respective seasonal averages of 7.4°C and 2.8°C. The coldest since 1997.

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