

## **BOGNOR REGIS**

### **METEOROLOGICAL OBSERVATIONS**

#### **DECEMBER 2005**

##### **RAINFALL**

65.1mm (2.56ins) on 11 days.

Greatest fall in 24 hours (09-09h) 18.7mm (0.74ins) on 1st.

December 2004 total rainfall - 77.2mm (3.04ins) on 10 days.

January to December 2005 - 537.3mm (21.15ins)

January to December 2004 - 648.2mm (25.51ins)

##### **TEMPERATURES**

Highest Maximum - 13.0°C (55.4°F) on 16th.

Lowest Maximum - 2.1°C (35.7°F) on 28th.

Highest Minimum - 8.0°C (46.4°F) on 2nd & 3rd.

Lowest Minimum - -3.0°C (26.6°F) on 18th.

Lowest Grass - -6.2°C (20.8°F) on 18th.

##### **SUNSHINE**

December 2005 - 97.0 hours on 26 days.

December 2004 - 50.9 hours on 19 days.

Maximum sunshine in 24 hours - 7.6 hours on 17th.

January to December 2005 - 1960.6 hours.

January to December 2004 - 1881.0 hours.

##### **SUMMARY**

Day temperatures for December averaged out to the seasonal normal. However, a total of 19 ground frosts for the month reduced the mean minimum night temperature for the month to well below the seasonal average, making it the coldest since 1996. It was a relatively dry month with an overall abundance of sunshine.

The month began on a windy note with a deep depression centred over the U.K. Strong to gale force winds were in evidence on 1st and 2nd and there was heavy rainfall during the first three days. In fact almost 50% of the total rainfall for the month was recorded during this period. There was little sunshine. From 4th, pressure began to rise. The winds dropped but so too did temperatures and sunshine was hard to find. Following some frontal activity during the night 7/8 heavy rain (10.1mm) was recorded. High pressure began to dominate the weather scene on 9th. The weather stayed dry, it was sunny on 10th and 11th but ground frosts became a nightly occurrence. The weather continued in a calm mood with the 17th/18th the coldest night to date with a minimum air temperature of -3.0°C and a ground temperature of -6.2°C being recorded. Frontal activity during the night 18/19 brought the first rain for ten days (1.8mm). Pressure remained high to give a quiet weather scene, albeit little sunshine, during the lead up to Christmas Day which was cold but sunny (6.6 hours). The weather remained cold and dry with heavy snow falls restricted to the east of the region. There was a complete change in the weather overnight 29/30 with rain moving into the area from the west (7.0mm). Winds reached near to gale force on the coast and day temperatures reached double figures. The last day of the month was mainly sunny with showers during the afternoon.

The rainfall total of 65.1mm was well below the seasonal average of 75.54mm driest since 2001 (31.9mm).

The sunshine total of 97.0 hours was well above the seasonal average of 62.3 hours. The second sunniest on record - 2001 (115.1 hours).

The mean maximum temperature was almost on par with the seasonal average of 3.7°C whereas the mean minimum of 2.2°C was well below the seasonal average of 4.2°C - the coldest since 1996 (1.9°C)