

## **BOGNOR REGIS**

### **METEOROLOGICAL OBSERVATIONS**

#### **JUNE 2003**

##### **RAINFALL**

34.0mm (1.34ins) on 11 days.

Greatest fall in 24 hours (09-09h) - 9.7mm (0.38ins) on 1st.

June 2002 total rainfall - 61.1mm (2.40ins) on 13 days.

January to June 2003 - 219.3mm 8.63ins)

January to June 2002 - 404.2mm 15.91ins)

##### **TEMPERATURES**

Highest Maximum - 24.0 °C (75.2°F) on 15th, 17th, & 29th.

Lowest Maximum - 16.0 °C (60.8°F) on 6th.

Highest Minimum - 16.4 °C (61.5°F) on 27th.

Lowest Minimum - 7.0 °C (44.6°F) on 29th.

Lowest Grass - 6.7°C (44.0°F) on 29th.

##### **SUNSHINE**

June 2003 - 240.8 hours on 30 days.

June 2002 - 197.0 hours on 26 days.

Maximum sunshine in 24 hours - 14.9 hours on 15th.

January to June 2003 - 1062.7 hours.

January to June 2002 - 926.1 hours.

##### **SUMMARY**

June was a warm month even hot at times. It was the warmest since 1976 when the Summer will be remembered for being exceptionally dry, hot, and sunny. It was also relatively dry with sunshine above the seasonal average.

The month began rather dramatically with a preceding four day spell of hot and sunny weather coming to an abrupt end during the afternoon of the 1st with heavy rain accompanied by thunderstorms. (8.9mm). The weather continued unsettled with frontal activity affecting the area. The weather became more settled on the 5th when a ridge of high pressure brought a dry sunny day. This however was short lived with a return to the unsettled situation on the 6th. The weather continued to be dominated by frontal activity, albeit light, until the 12th when high pressure began to dominate the weather scene. The day temperature on the 12th rose to 21.5 °C and it was to remain in the twenties daily during the rest of the month. Night time temperatures also rose resulting in some hot uncomfortable nights. The weather continued hot, relatively dry, and sunny until the night of 21/22 when thunderstorms crossed the U.K. Although there was a lot of noise, locally the rain was light with a total of just 9.2mm's. High pressure began to move away on the 26th and the weather became more unsettled. Although it remained very warm sunshine became more difficult to find. A slow moving occluded front moved across the U.K. on the 30th bringing a day of rain and a wet end to the month.

The rainfall total of 34.0mm was well below the seasonal average of 48.79mm. Of interest, the total average rainfall for January to June is 315.09mm. The actual rainfall for the same period totals 219.3mm.

The sunshine total of 240.8 hours was above the seasonal average of 229.2 hours.

The mean maximum temperature of 20.5 °C and minimum of 12.4 °C were both well above their respective 0 seasonal averages of 17.8 °C and 11.4 °C. It was the warmest June since 1976 (20.6°C and 13.3°C).

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