

## **BOGNOR REGIS**

### **METEOROLOGICAL OBSERVATIONS**

#### **JULY 2006**

##### **RAINFALL**

19.2mm (0.76ins) on 9 days.

Greatest fall in 24 hours (09-09h) - 5.8mm (0.26ins) on 4th.

July 2005 total rainfall - 49.3mm (1.94ins) on 12 days.

January to July 2006 - 239.6mm. (9.44ins)

January to July 2005 - 248.0mm (9.76ins)

##### **TEMPERATURES**

Highest Maximum -28.7°C (83.6°F) on 19th.

Lowest Maximum -19.7°C (67.4°F) on 10th.

Highest Minimum -21.1°C (70.0°F) on 2nd.

Lowest Minimum -12.0°C (53.6°F) on 14th.

Lowest Grass -9.7°C (49.4°F) on 1st.

##### **SUNSHINE**

July 2006 - 332.5 hours on 31 days.

July 2005 - 272.1 hours on 29 days.

Maximum sunshine in 24 hours - 15.3 hours on 16th.

January to July 2006 - 1274.2 hours.

January to July 2005 - 1156.5 hours.

##### **SUMMARY**

When the month of June came to an end, even the most optimistic would hardly have expected it to be overshadowed by July. In fact July turned out to be noted for its heatwave. It was the hottest July on record and the sunniest since 1911. It was also a very dry month most forecast thunderstorms generally skirting the area. Temperatures, unlike many places inland, were kept to below 30.0 C by an ever present and most welcome daily on-shore breeze. The month began with high pressure dominating the weather scene. It was hot to very hot, dry, with plenty of sunshine. Temperatures inland generally topped 30.0 C plus but it stayed much cooler on the coast. During the night 4/5 the hot weather came to a temporary halt with the arrival of thunderstorms. Bognor Regis collected a mere 5.8mm of rain. Elsewhere there were flash floods causing a degree of traffic chaos. Between 6th and 9th saw the end of the heat wave with temperatures returning to the seasonal average and sunshine at times hard to find. Pressure began to rise on 10th with some slight rainfall during the night 10/11. The heat wave returned on the 16th with the weather becoming dry with-plenty of sunshine. It became very warm inland but stayed cooler on the coast. The 19th produced the warmest day in the U.K. for a hundred years with a temperature of 36°C/97°F recorded at Charlwood. Bognor Regis registered 28.7°C/83.7°F thanks to an on-shore breeze. On night 21/22 there was a fair amount of thunder activity but with Bognor Regis on the fringe the total rainfall was just 1.1mm. Mid-morning of 22nd, a 30 minute thunderstorm introduced 4.8mm of rain. The hot, sunny, dry weather continued through to the end of the month and despite a forecast of thunderstorms between 25th and 27th, just a total of 1.8mm of rain was recorded.

The rainfall total of 19.2mm was well below the seasonal average of 42.57mm the driest July since 1999.

The sunshine total of 332.5 hours was well in excess of the seasonal average of 239.1 hours and the sunniest July since 1911 (372.2 hours)

The mean maximum temperature of 23.7°C and minimum of 16.5°C were both well above the seasonal averages 20.2°C and 13.6°C. The overall mean temperature of 20.1°C made it the warmest July on record.

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