

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

SEPTEMBER 2006

RAINFALL

83.2mm (3.3ins) on 15 days.

Greatest fall in 24 hours (09-09h) - 29.2mm (1.15ins) on 28th.

September 2005 total rainfall - 41.9mm (1.65ins)

January to September 2006 - 388.5mm (15.3ins)

January to September 2005 - 332.7mm (13.1ins)

TEMPERATURES

Highest Maximum -24.5°C (76.1°F) on 6th.

Lowest Maximum -18.5°C (65.3°F) on 27th.

Highest Minimum -18.0°C (64.4°F) on 5th.

Lowest Minimum -10.0°C (50.0°F) on 8th.

Lowest Grass -8.0°C (46.4°F) on 8th.

SUNSHINE

September 2006 - 191.5 hours on 29 days.

September 2005 - 180.6 hours on 28 days.

Maximum sunshine in 24 hours - 11.8 hours on 7th.

January to September 2006 - 1711.0 hours. January to September 2005 - 1619.6 hours.

SUMMARY

September was exceptionally warm throughout with both day and night temperatures well above their seasonal averages. It was the warmest September since records began. It was a wet month with four days of heavy showers on 13th, 21st, 22nd, and 28th, accounting for around 80% of the total for the month. Sunshine was well above the seasonal average. The month began on a cloudy note. For the first three days sunshine was at a premium and there was some slight rain on 1st and 2nd of the month. Pressure began to rise on the 4th. Day temperatures rose above the seasonal average and it became very warm inland. Pressure continued to rise with day and night temperatures staying well above the normal. Weather conditions for the Bognor Bird Man Rally were absolutely ideal with favourable winds and plenty of sunshine. It remained dry up to the 11th when showers of rain during the silent hours of the 11th and again the following high produced 2.7mm and 4.1mm of rain respectively. From then on the weather became rather unsettled with heavy shower activity becoming dominant during the night 13/14 (25.6mm) accompanied by thunder. Sunshine became at times hard to find but temperatures both day and night stayed well above the norm. It remained relatively dry up to the 20th. The 22nd was a very wet day producing 7.9mm of rain and thereafter the daily forecast was for sunshine and showers. Heavy showers during the afternoon of 28th brought a total of 29.2mm of rain. There was some local flooding. The month ended on a windy, rather cloudy, reasonably dry, but still warm note.

The rainfall total of 83.2mm was well above the seasonal average of 58.49mm - the wettest September since the year 2000 - 127.0mm.

The sunshine total of 191.5 hours was well above the seasonal average of 170.5 hours. It was the third sunniest since the year 1998.

The mean maximum temperature of 20.8°C and minimum of 15.1°C were both far in excess of their respective seasonal averages of 17.9°C and 1.7°C. The warmest September since records began.

A.E.S. 04 OCT 06