

BOGNOR REGIS
METEOROLOGICAL OBSERVATIONS
APRIL 2008

RAINFALL

67.1mm (2.71ins) on 18 days.
Greatest fall in 24 hours (09-09h) - 28.3mm (1.15ins) on 29th.
April 2007 total rainfall - 0.3mm (0.1ins) on 2 days.
January to April 2008 - 200.82mm (8 Sins)
January to April 2007 - 216.31mm (8.52ins)

TEMPERATURES

Highest Maximum	- 18.0°C (64.4°F) on 20th.
Lowest Maximum	- 6.0°C (42.8°F) on 6th.
Highest Minimum	- 9.3°C (48.7°F) on 21st.
Lowest Minimum	- -0.9°C (30.3°F) on 7th.
Lowest Grass	- -4.2°C (24.4°F) on 8th.

SUNSHINE

April 2008 - 216.6 hours on 28 days.
April 2007 - 269.5 hours on 30 days.
Maximum sunshine in 24 hours - 12.7 hours on 16th.
January to April 2008 - 548.4 hours.
January to April 2007 - 561.8 hours.

SUMMARY

Weather-wise, the month of April was very varied with snow, rain, wind, sunshine, and some long spells of sunshine.

The month began on a dry note with a reasonable amount of sunshine. The westerly wind on the 5th veered around to the north and it became noticeably cooler. During the early hours of the 6th, snow fell in the area. The snow flakes were heavy and soon built up a complete ground cover. The snow ceased around mid-morning to give a reasonable sunny afternoon. The 7th was a complete contrast to the 6th with a cloudless start to the day. Night temperatures on 5th, 6th, and 7th were below zero. On the 8th settled weather resulted in a good sunny day with over 12 hours of unbroken sunshine. The nights between the 6th and the 10th produced a succession of ground frosts, but after a frosty start the following days were sunny. During the night 11/12, showery activity affected the area. On the 11th and 12th, westerly winds increased to over force 4. The winds eased on 13th to return to strength on the 17th and to blow from the east for the next six days. Day temperatures throughout maintained their seasonal averages. On the 19th, a deep depression over western France resulted in a warm front moving westerly across the region to bring outbreaks of rain on 20th. Frontal activity during the night 28/21 brought heavy rain to the region (8.2mm). On 21st and 22nd the weather became much more Spring like and on the 26th rising pressure resulted in a beautiful sunny day with maximum sunshine. The following day was cloudy. On the 29th, frontal activity in association with low pressure centred over the U.K. resulted in the heaviest rainfall of the month with a total of 28.3mm. The month ended on a sunshine and showery note.

The total rainfall of 67.1mm was well above the seasonal average of 46.37mm. The sunshine total of 216.6 hours was above the season's average of 192.5 hours.

The mean maximum temperature of 12.8°C and minimum of 5.8°C were both above their respective seasonal averages of 11.8°C and 5.3°C.

A.E.S. 04 MAY 08