

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

JULY 2007

RAINFALL

75.2mm (2.96ins) on 19 days.

Greatest fall in 24 hours (09-09h) - 23.3mm (0.92ins) on 19th.

July 2006 total rainfall - 19.2mm (0.76ins) on 9 days..

January to July 2007 - 468.7mm (18.45ins)

January to July 2006 - 239.6mm (9.44ins)

TEMPERATURES

Highest Maximum -22.2°C (72.0°F) on 24th.

Lowest Maximum -17.7°C (63.8°F) on 5th.

Highest Minimum -16.8°C(62.2°F) on 16th.

Lowest Minimum -9.7°C (49.4°F) on 30th.

Lowest Grass -6.8°C (44.2°F) on 30th.

SUNSHINE

July 2007 - 262.1 hours on 30 days.

July 2006 - 332.5 hours on 31 days.

Maximum sunshine in 24 hours - 14.5 hours on 22nd.

January to July 2007 - 1285.1 hours.

January to July 2006 - 1274.2 hours.

SUMMARY

July was mainly wet with frequent showers, and windy at- times. Atmospheric pressure was daily on the low side for the time of year and, as a result. unsettled weather became the order of the day. Bognor Regis however, fared better than most other areas and apart from a torrential downpour on the morning of the 20th, which resulted in some localized flooding, the area was spared the worst.

The month began where June left off with sunshine and showers. Pressure began to rise on 5th and resulted in a ridge of high pressure crossing the U.K. to bring two sunny dry days on 7th and 8th. The ridge however was short-lived and the weather returned to its unsettled norm on the 9th. From the 10th to the 15th although the daylight hours were dry, showers dominated the silent hours. During the early afternoon of 15th, thunder was recorded but there was a minimum of precipitation (0.5mm). From the 16th to the 19th, it was relatively dry with a fair amount of sunshine, although a strong south westerly wind dominated the weather scene. During the early hours of 20th, continuous rain was recorded which became a torrential down pour at 0800 hours together with thunder and lightning. The rainfall continued until mid-day to record a total of 23.3mm, and to cause some localised flooding. Frontal activity brought a wet day on 23rd with a total rainfall of 9.5mm and a sunless day. The weather continued unsettled to the end of the month with heavy rainfall during the evenings of 27th and 28th. (7.1mm and 9.1mm)

The rainfall total of 75.2mm, was well in excess of the seasonal average of 42.57mm. The wettest July since 2002 (81.2mm).

The sunshine total of 262.1 hours was surprisingly above the seasonal average of 239.1 hours.

The mean maximum temperature of 19.5°C and minimum of 13.7°C were close to their respective seasonal averages 20.2°C and 13.6°C.

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