

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

JULY 2005

RAINFALL

49.3mm (1.94ins) on 12 days.
Greatest fall in 24 hours (09 09h) 18.9mm (0.74ins) on 24th.
July 2004 total rainfall 37.4mm (1.47ins) on 10 days.
January to July 2005 248.0mm (9.76ins)
January to July 2004 303.6mm (11.95ins)

TEMPERATURES

Highest Maximum	- 26.6°C (79.8°F) on 11th.
Lowest Maximum	- 16.5°C (61.7°F) on 26th.
Highest Minimum	- 17.9°C (64.2°F) on 11th.
Lowest Minimum	- 10.6°C (51.0°F) on 5th.
Lowest Grass	- 6.9°C (44.4°F) on 5th.

SUNSHINE

July 2005 272.1 hours on 29 days.
July 2004 224.9 hours on 30 days.
Maximum sunshine in 24 hours 15.1 hours on 16th.
January to July 2005 1156.5 hours.
January to July 2004 1218.3 hours.

SUMMARY

July, was overall a sunny month and much to the dismay of the water authorities, was heading for another exceptionally dry period. However, the heavens opened up on the 24th and for the next four days the area was subjected to some heavy downpours of rain to produce a total of 80% (40mm) of the month's total. Still not enough to satisfy the water authorities. The mean maximum temperature was near to the seasonal average but the mean minimum was well above the average resulting, as in the previous month, some uncomfortable warm nights.

The weather for the month of July as in the previous month got off to a rather dismal start. With barometric pressure dropping over the U.K. the weather was mostly unsettled with a distinct lack of sunshine, rather cool temperatures, and occasional showers. The weather continued unsettled until the 9th when pressure built up over the Azores (The Azores high). As a result the weather became hot, dry, and sunny. On 13th, sea fog persisted throughout most of the day to interrupt what could be termed a mini heat wave. The hot, dry, and sunny weather reappeared on the 14th and continued through to the 20th when the first rain since the 8th was recorded (0.7mm). The 21st and 22nd were both warm and sunny. Pressure dropped on 23rd and associated frontal activity brought heavy rain to the area during the silent hours of 24th and continuing through to the end of the morning (16.1mm). There was an almost repeat performance during the silent hours of 25th (12.9mm). The weather continued unsettled through to the end of the month with some heavy sharp showers and little sunshine.

The rainfall total of 49.3mm was just above the seasonal average of 42.57mm but it did little to alleviate the water shortage.

The sunshine total of 272.1 hours was well above the seasonal average of 239.1 hours.

The mean maximum temperature of 20.8°C was marginally above the seasonal average of 20.2°C while the mean minimum of 14.4°C was well above the seasonal average of 13.6°C.

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