

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

AUGUST 2005

RAINFALL

42.8mm (1.68ins) on 10 days.

Greatest fall in 24 hours (09 09h) 10.4mm (0.41ins) on 18th.

August 2004 total rainfall 84.6mm (3.33ins) on 17 days.

January to August 2005 290.8mm (11.45ins)

January to August 2004 388.2mm (15.28ins)

TEMPERATURES

Highest Maximum - 24.0°C (75.2°F) on 21st.

Lowest Maximum - 17.2°C (63.0°F) on 24th.

Highest Minimum - 19.2°C (66.5°F) on 31st.

Lowest Minimum - 10.2°C (50.3°F) on 8th.

Lowest Grass - 7.6°C (45.6°F) on 8th

SUNSHINE

August 2005 282.5 hours on 29 days.

August 2004 233.8 hours on 29 days.

Maximum sunshine in 24 hours 14.2 hours on 8th.

January to August 2005 1439.0 hours.

January to August 2004 1452.1 hours.

SUMMARY

August was overall a warm month with both mean maximum and minimum temperatures around the seasonal average. It was a dry month for the most part with sunshine well above the seasonal average with a mean daily total of 9.1 hours. The month began with a trough of low pressure crossing the U.K. resulting in a showery and dull day. The 2nd was all change with sunshine and a rise in temperature. The weather turned cloudy on 6th but returned to warm and sunny on 7th. It continued warm and sunny until 13th when rain moved into the area during the afternoon and continuing into the evening (6.5mm). The weather returned to warm, dry and sunny on 15th. During the silent hours of the 19th frontal activity brought heavy rain to the area. The rain continued throughout the morning (10.4mm) leaving a cool day with a maximum temperature of 18.0°C and no sunshine. The 20th and 21st were both dry and sunny but frontal activity brought light rain to the area on 22nd. The rain persisted for most of the day and there was no sunshine. On 24th, a deep depression centred over Scotland. Rain and strong winds associated with the warm front dominated the weather scene with winds Force 6 to 7 and 9.4mm of rain. The weather continued rather unsettled with showers and sunny periods. On 27th, the weather became warm and sunny and continued through to the end of the month to make the August Bank Holiday (27th to 29th) one of the sunniest and warmest on record. A total of 34 hours of sunshine was recorded during this period.

The rainfall total of 42.8mm was below its seasonal average of 49.63mm and did little to improve the long term water shortage.

The sunshine total of 282.5 hours was well above the seasonal average of 232.2 hours. The sunniest August since 1998.

The mean maximum temperature of 21.3°C and minimum of 13.3°C were both close to their respective seasonal totals of 20.1°C and 13.6°C.

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