

BOGNOR REGIS
METEOROLOGICAL OBSERVATIONS
SEPTEMBER 2002

RAINFALL

53.9mm (2.12ins) on 2 days.
Greatest fall in 24 hours (09-09h) - 39.3mm (1.55ins) on 9th.
September 2001 toatal rainfall - 66.4mm (2.61ins) on 16 days.
January to September 2002 - 593.8mm (23.37ins)
January to September 2001 - 538.9mm (21.22ins)

TEMPERATURES

Highest Maximum	-	24.7°C (76.4°F)	on 13th.
Lowest Maximum	-	16.8°C (62.2°F)	on 9th.
Highest Minimum	-	17.2°C (63.0°F)	on 6th.
Lowest Minimum	-	7.4°C (45.3°F)	on 25th.
Lowest Grass	-	3.7°C (38.6°F)	on 25th.

SUNSHINE

September 2002 - 209.5 hours on 29 days.
September 2001 - 162.7 hours on 28 days.
Maximum sunshine in 24 hours - 12.0 hours on 1st.
January to September 2002 - 1593.4 hours.
January to September 2001 - 1574.4 hours.

SUMMARY

September was a sunny, warm, and overall dry month. It was the driest since 1997 (8.7mm) and, had it not been for the downpours on 6th and notably 9th, when the total rainfall for the month was recorded, it would have been the driest on record. Sunshine was in abundance with a total of 209.5 hours, making it the sunniest since 1997 (209.7 hours) and the fifth sunniest in 31 years.

The month began with high pressure centred over the U.K. The weather was warm, dry, and sunny. On 4th, high pressure was replaced by low pressure and the weather became more unsettled. Frontal activity during the night 6/7 brought heavy rain (14.5mm) to the area to break an eleven day sequence of dry weather. Pressure remained low and, on the afternoon of 9th, very heavy almost tropical rainfall swept through the area (39.3mm). The associated strong gusts of wind caused some structural damage together with some local flooding. Rainfall was much heavier to the west of the region notably in Hampshire and Dorset. On 10th, high pressure took over the weather scene and it became dry, warm, and sunny. The high pressure stayed over or remained not very far from the U.K. for the rest of the month. The weather continued dry, warm, and generally sunny, and the winds light to moderate.

The rainfall total of 53.9mm was below the seasonal average of 58.49mm.

The sunshine total of 209.5 hours was well above the seasonal average of 170.5 hours.

The mean maximum temperature of 19.9°C was well above the seasonal average of 17.9°C and the mean minimum of 11.1°C close to its seasonal average of 11.7°C.

A.E.S.

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