

BOGNOR REGIS
METEOROLOGICAL OBSERVATIONS
SEPTEMBER 2001

RAINFALL

66.4mm (2.61ins) on 16 days.
Greatest fall in 24 hours (09-09h) - 24.2mm (0.95ins) on 28th.
September 2000 total rainfall - 127.0mm (5.0ins) on 16 days.
January to September 2001 - 538.9mm (21.22ins)
January to September 2000 - 537.9mm (21.15ins)

TEMPERATURES

Highest Maximum	-	21.5°C (70.7°F)	on 7th.
Lowest Maximum	-	14.7°C (58.4°F)	on 17th.
Highest Minimum	-	16.1°C (61.0°F)	on 2nd.
Lowest Minimum	-	7.8°C (46.0°F)	on 25th.
Lowest Grass	-	3.1°C (37.5°F)	on 25th.

SUNSHINE

September 2001 - 162.7 hours on 28 days.
September 2000 - 153.2 hours on 27 days.
Maximum sunshine in 24 hours - 11.1 hours on 4th & 9th.
January to September 2001 - 1574.4 hours.
January to September 2000 - 1580.6 hours.

SUMMARY

September was a great disappointment those looking forward to an Indian Summer and it could be said that Summer was replaced by late Autumn very early on in the month. It was a fairly dry month overall with rainfall well below the seasonal average up to the last four days, when very active frontal activity produced nearly 70% of the month's total of 66.4mm. It was warm overall for the time of year and sunshine was spread over the month to give a total of just eight hours below the seasonal average.

The month began with the weather changeable and influenced by high pressure to the south of the U.K. and low pressure to the north. Frontal activity on the night 3/4 brought heavy showers to the area (8.2mm). The weather continued unsettled until 7th when the high pressure to the south of the U.K. began to take over. There followed some warm and relatively dry sunny days albeit the wind moved around to the north where it was to remain until the last five days of the month when it moved to the south west. High pressure began to move away on 11th and the weather became more changeable and it was to remain in this mood for the greater part of the remainder of the month. During this time there was a fair amount of sunshine and it stayed dry for the most part. Temperatures were around the seasonal average except for three successive days from 17th when day temperatures were well below the average. However, on 26th and again during the silent hours of 28/29 and 29/30, very active fronts moved through the area to bring heavy falls of rain and to add 46mm to the month's total rainfall. Four days during which September 2001 was turned from a very dry month to a wetter than normal one.

The rainfall total of 66.4mm was above the seasonal average of 58.49mm

The sunshine total of 162.7 hours was below the seasonal average of 170.5 hours and although up on last year's total, was the dullest for seven years.

The mean maximum temperature of 18.3°C was above the seasonal average of 17.9°C and the mean minimum of 11.5°C just below the seasonal average of 11.7°C - coolest for five years.

A.E.S.

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