

BOGNOR REGIS
METEOROLOGICAL OBSERVATIONS
AUGUST 1999

RAINFALL

91.7mm (3.61ins) on 17 days.
Greatest fall in 24 hours (09-09h) - 26.3mm (1.04ins) on 17th.
August 1998 total rainfall - 10.3mm (0.40ins) on 6 days.
January to August 1999 - 362.9mm (14.28ins)
January to August 1998 - 395.8mm (15.59ins)

TEMPERATURES

Highest Maximum	-	24.2°C (75.5°F)	on 6th.
Lowest Maximum	-	17.2°C (63.0°F)	on 17th.
Highest Minimum	-	17.7°C (63.8°F)	on 2nd.
Lowest Minimum	-	10.2°C (50.3°F)	on 22nd.
Lowest Grass	-	7.8°C (46.0°F)	on 22nd.

SUNSHINE

August 1999 - 263.3 hours on 30 days.
August 1998 - 311.0 hours on 29 days.
Maximum sunshine in 24 hours - 13.8 hours on 1st.
January to August 1999 - 1601.5 hours.
January to August 1998 - 1454.7 hours.

SUMMARY

The month of August was wet with almost twice the seasonal average being recorded. The rain, which fell mostly during the silent hours, was in the most part thundery. Sunshine hours were marginally above the seasonal average and averaged out at seven point six hours per day. The average day and night temperatures were also close to the seasonal average.

The month began with the weather still dominated by high pressure. It was dry hot and sunny. However, on 2nd low pressure moved into the U.K. from the west to create unsettled conditions. Frontal activity brought heavy rain to the area in the early hours of 3rd. The weather continued unsettled with frontal activity bringing rain with thunder on 4th. On the 11th, the day of the eclipse, although still unsettled the weather was dry and sunny and with just two eighths of fair weather cumulus the sun was completely clear throughout the event. Low pressure continued to dominate the weather scene and, during the night 17/18 thunderstorms brought the heaviest rain of the month (21.5mm). On 20th, the weather became more settled when high pressure established itself to the north of the U.K. The high pressure moved away on 23rd to return on 26th. The weather became warm to hot at times, dry, and sunny and was to continue in this vein to the end of the month to include a rare hot and sunny Bank Holiday week-end.

The total rainfall of 91.7mm was well above the seasonal average of 49.63mm. 1997 exceeded this total with a surprising 99.6mm being recorded.

The sunshine total of 236.3 hours was marginally above the seasonal average of 233.2 hours.

The mean maximum of 20.8°C and minimum of 14.1°C were both above their respective seasonal averages of 20.1°C and 13.6°C.