

BOGNOR REGIS
METEOROLOGICAL OBSERVATIONS

SEPTEMBER 1999

RAINFALL

101.9mm (4.01ins) on 19 days.
Greatest fall in 24 hours (09-09h) - 24.2mm (0.95ins) on 19th.
September 1998 total rainfall - 90.0mm (3.54ins) on 17 days.
January to September 1999 - 464.8mm (18.30ins)
January to September 1998 - 485.8mm (19.12ins)

TEMPERATURES

Highest Maximum	-	26.0°C (78.8°F)	on 4th.
Lowest Maximum	-	14.0°C (57.2°F)	on 14th.
Highest Minimum	-	17.4°C (63.3°F)	on 11th.
Lowest Minimum	-	11.1°C (52.0°F)	on 14th.
Lowest Grass	-	8.8°C (47.8°F)	on 28th.

SUNSHINE

September 1999 - 190.0 hours on 29 days.
September 1998 - 192.4 hours on 28 days.
Maximum sunshine in 24 hours - 11.3 hours on 6th.
January to September 1999 - 1791.5 hours.
January to September 1998 - 1694.4 hours.

SUMMARY

September was very wet with the recorded rainfall coming close to double the seasonal average. Most of the rain fell as thundery type showers - at times almost sub-tropical. Sunshine was well above the average as a result of the touch of an Indian Summer during the early part of the month and the subsequent long sunny periods between showers. Temperatures throughout the month were well above normal making it the warmest September for fifty years.

The month began with the weather scene dominated by high pressure. It was very warm, dry, and with plenty of sunshine. The weather remained settled until 11th when high pressure moved eastwards to be replaced by low pressure which was to become the dominant feature for the remainder of the month. During the night 11/12, frontal activity brought the first rainfall to the area, albeit light, for a total of 16 days. It also saw the end of the Indian Summer and the mornings began to feel somewhat Autumnal. From then on the weather became unsettled with successive depressions moving west to east across the U.K. This weather pattern continued through to the end of the month and, with ever present frontal activity, the daily forecasts became a repeat of "Sunshine and showers, some heavy and thundery". The heaviest rainfall occurred over the weekend 18th and 19th. During the night 19/20 and the morning of 20th, 24.2mm of rain were recorded. There were also strong winds and some local flooding. On the night 22/23 a twister travelling at around 100 m.p.h. passed through nearby Pagham causing some structural damage. Locally the south west winds remained rather breezy and sometimes gusty in showers through to the end of the month.

The total rainfall of 101.9mm was well above the seasonal average of 58.49mm - the wettest since 1995 (142.0mm).

The sunshine total of 190.0 hours was well in excess of the seasonal average of 170.5 hours.

The mean maximum temperature of 19.8°C and minimum of 13.9°C were both well above their respective seasonal averages of 17.9°C and 11.7°C

A.E.S.

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