

BOGNOR REGIS
METEOROLOGICAL OBSERVATIONS
JUNE 1999

RAINFALL

69.9mm (2.75ins) on 12 days.
Greatest fall in 24 hours (09-09h) - 36.6mm (1.44ins) on 1st.
June 1998 total rainfall - 69.3mm (2.73ins) on 16 days.
January to June 1999 - 264.9mm (10.43ins)
January to June 1998 - 344.8mm (12.80ins)

TEMPERATURES

Highest Maximum - 22.2°C (72.0°F) on 17th.
Lowest Maximum - 15.5°C (59.9°F) on 3rd & 5th.
Highest Minimum - 15.0°C (59.0°F) on 20th.
Lowest Minimum - 6.0°C (42.8°F) on 8th.
Lowest Grass - 2.1°C (35.7°F) on 8th.

SUNSHINE

June 1999 - 264.7 hours on 30 days.
June 1998 - 183.8 hours on 29 days.
Maximum sunshine in 24 hours - 15.5 hours on 18th.
January to June 1999 - 1059.9 hours.
January to June 1998 - 929.5 hours.

SUMMARY

For the third year in succession June failed to live up to its "flaming" reputation, rather it once again produced rainfall well above the average, notably during both the opening and closing weeks of the month. There were more than the normal amount of windy days, again during the opening and closing days of the month. Sunshine however was well above the average with an average for the month of just under nine hours a day. The mean temperature throughout was, although near to the average, the lowest since 1991.

The month began with high pressure dominating the weather scene. This however proved to be short lived when, during the night 1/2, low pressure moved north from France to bring thunderstorms to the area. Heavy rain, 36.6mm over just five hours resulted in some local flooding. Low pressure took over and the weather became unsettled with sunshine and showers the order of the day together with some periods of strong winds continuing through to the 7th. Pressure then began to rise to the north west of the U.K. and the weather became more settled. It was less windy, dry, and there was a fair amount of sunshine. The weather continued in this vein with day temperatures, which hitherto had been generally below the average, beginning to rise. High pressure developed to the south of the U.K. to keep the weather settled until 19th when frontal activity during the night 19/20 (2.0mm) brought the dry spell to an end. The weather continued unsettled but dry and warm with a fair amount of sunshine. The weather again became more settled on 24th with high pressure moving over the U.K. This however was shortlived when low pressure returned to dominate the weather scene on 25th. Thereon to the end of the month there were showers of rain, some windy days, but still a fair amount of sunshine. Day temperatures too stayed above the average.

The total rainfall of 69.9mm was well above the seasonal average of 48.79mm. It was 0.6mm more than June last year and apart from 1997 which was exceptional with 155.5mm, was the wettest since 1991 (108.8mm)

The sunshine total of 264.7 hours was well above the seasonal average of 229.2 hours.

The mean maximum temperature of 18.1°C was just above its seasonal average of 17.8°C and the mean minimum of 10.8°C below its seasonal average of 11.4°C. The mean twenty four hour temperature of 14.4°C made it the coolest June since 1991 (12.5°C).

A.E.S.

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