

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

JULY 1999

RAINFALL

6.3mm (0.25ins) on 3 days.

Greatest fall in 24 hours (09 - 09h) - 5.4mm (0.21ins) on 19th.

July 1998 total rainfall - 40.7mm (1.60ins) on 15 days.

January to July 1999 - 271.2mm (10.68ins)

January to July 1998 - 385.5mm (15.18ins)

TEMPERATURES

Highest Maximum - 28.4°C (83.1°F) on 11th.

Lowest Maximum - 18.1°C (64.5°F) on 22nd.

Highest Minimum - 16.5°C (61.7°F) on 20th.

Lowest Minimum - 10.6°C (51.0°F) on 23rd.

Lowest Grass - 8.6°C (47.4°F) on 23rd.

SUNSHINE

July 1999 - 305.3 hours on 31 days.

July 1998 - 214.2 hours on 29 days.

Maximum sunshine in 24 hours - 15.3 hours on 18th & 19th.

January to July 1999 - 1365.2 hours.

January to July 1998 - 1143.7 hours.

SUMMARY

The month was generally dry and sunny with some very warm, and at times hot, day temperatures. The total rainfall of 6.3mm was just below the 6.6mm recorded in July 1990 making it the driest for at least three decades. It was also the sunniest since 1990 when 316.0 hours were recorded. It was a good month for the sun seekers and, with the ever present sea breezes on the coastal strip, many found relief from the hot and humid conditions prevalent further inland particularly during the latter part of the month.

The month began with low pressure continuing to dominate the weather scene. Although the weather was unsettled, apart from some rain (2.6mm) during the early hours of the 1st, it remained dry and warm with some sunshine. On 5th, there was heavy shower activity to the north of the area. There were flash floods in the Midlands with Birmingham being subjected to a rare tornado. Bognor Regis remained dry. On 6th, pressure began to rise and it became warmer and sunnier, and remained dry. High pressure moved away to the south west of the U.K. on 12th. On 14th there were light showers in the area. Temperatures noticeably dropped and sunshine was in short supply. Pressure however rose again on 16th and the weather became more settled. On 19th, low pressure took over, and during the early hours of 20th, frontal activity produced most of the month's rain (5.4mm) and winds increased to strong south westerly. It remained generally unsettled until 23rd when high pressure established itself over the U.K. From then on to the end of the month the order of the day was dry, sunny, warm and sometimes hot weather.

The rainfall of 6.3mm was well below the seasonal average of 42.57mm.

The sunshine total of 305.3 hours was well above the seasonal average of 239.1 hours.

The mean maximum temperature of 22.3°C and minimum of 14.0°C were both well above their respective seasonal averages of 20.2°C and 13.6°C. The warmest July since 1995.