

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

OCTOBER 2005

RAINFALL

91.3mm (3.59ins) on 19 days.

Greatest fall in 24 hours (09-09h) 17.8mm (0.70ins) on 23rd.

October 2004 total rainfall - 114.7mm (4.52ins) on 21 days.

January to October 2005 - 424.0mm (16.7ins)

January to October 2004 - 540.6mm (21.3ins).

TEMPERATURES

Highest Maximum - 19.3°C (66.7°F) on 10th & 15th.

Lowest Maximum - 15.0°C (59.0°F) on 13th.

Highest Minimum - 16.5°C (61.7°F) on 12th.

Lowest Minimum - 6.7°C (44.0°F) on 3rd.

Lowest Grass - 5.1°C (41.1°F) on 3rd.

SUNSHINE

October 2005 - 124.6 hours on 25 days.

October 2004 - 125.2 hours on 27 days.

Maximum sunshine in 24 hours - 9.8 hours on 2nd.

January to October 2005 - 1744.2 hours.

January to October 2004 - 1762.5 hours.

SUMMARY

October was a warm month with both the mean maximum and minimum temperatures well in excess of their seasonal averages. In fact they were both on par with the figures for the month of June. It was also a wet month with almost 75% of the months rainfall being recorded during the last 14 days. Sunshine fell just short of the seasonal average by three hours.

The month began with a cool northerly airstream across the region. The weather was dominated by high pressure to the south west of the U.K. resulting in a fair amount of sunshine for the first four days of the month and, apart from a light shower on 1st, it stayed dry. The high pressure gradually moved away to the north east of the U.K. on 5th to produce a cloudy day. It remained cloudy with some patchy drizzle on the 6th but it was generally dry. The 10th was the best day of the month with light balmy south easterly winds, a maximum temperature of 19.3 C, and wall to wall sunshine (9.3 Hours). During the night 11/12 and again during the afternoon of 12th frontal activity brought heavy rain to the area (13.9mm). There followed three successive sunless days but it stayed dry. The 15th produced another glorious day, almost on par with the conditions experienced on 10th. The 18th saw the start of a marked change in the weather with the onset of strong winds and almost daily outbreaks of rain. Frontal activity brought heavy rain to the area during the night 18/19 (14.3mm). The following day brought 9.1 hours of sunshine but apart from the 27th (8.7 hours), sunshine was a rare commodity for the remainder of the month. The weather continued unsettled with frontal activity bringing heavy rain to the area during the night 23/24 (17.8m). However, throughout temperatures well above the average for the time of the year. The weather continued unsettled to the end of the month with frequent showers of rain, little sunshine, but a remarkable temperature of 18.7°C recorded on 27th - a record for late October.

The rainfall total of 91.3mm was above the seasonal average of 83.62mm.

The sunshine total of 124.6 hours was below the seasonal average of 127.9 hours.

The mean maximum temperature of 17.1°C and minimum of 12.2°C were both well above their respective seasonal averages of 14.4°C and 9.1°C. The warmest October for at least 35 years.

