

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

OCTOBER 2004

RAINFALL

114.7mm (4.52ins) on 21 days. Greatest fall in 24 hours (09 09h) 18.0mm (0.71 ins) on 13th.

October 2003 total rainfall 67.6mm (2.67 ins) on 10 days.

January to October 2004 540.6mm (21.28ins)

January to October 2003 368.1mm (14.49ins)

TEMPERATURES

Highest Maximum - 17.1°C (62.7°F) on 4th.

Lowest Maximum - 11.2°C (52.1°F) on 15th.

Highest Minimum - 13.7°C (56.6°F) on 4th & 24th

Lowest Minimum - 5.0°C (41.0°F) on 15th.

Lowest Grass - 3.2°C (37.7°F) on 19th & 26th.

SUNSHINE

October 2004 125.2 hours on 27 days.

October 2003 163.2 hours on 29 days.

Maximum sunshine in 24 hours 10.3 hours on 7th.

January to October 2004 1762.5 hours.

January to October 2003 1972.3 hours.

SUMMARY

October was a wet and often windy month. It was also a month when the weather for the most part was dominated by low pressure with the resultant heavy frontal activity producing a larger than normal amount of heavy showers of rain accompanied at times by hailstones with some thunder. Day and night temperatures throughout the month remained above the seasonal average with night temperatures in particular the second warmest since 1995.

The month began with the weather unsettled. There was little sunshine and frequent bouts of rain. During the afternoon and night 3/4, frontal activity brought rain (9.4mm) to the area. Pressure began to rise to the north west of the U.K. on 5th. Sunshine was in an abundance to produce a beautiful Autumn sunny day on 7th (10.3Hrs). The weather became changeable on 9th with low pressure beginning to dominate the weather scene on 12th. It rained for most of that day with strong winds and nil sunshine. Frontal activity sparked off a wet and very windy night on 13/15. During the early hours of 14th, very heavy rain (18.0mm) with near gale force winds swept through the area. A "Twister" tracked Felpham Storrington Horsham and just missing Bognor Regis and causing some local flooding and some structural damage. Low pressure continued to dominate the weather scene. There were frequent showers of rain, some heavy, little sunshine (Apart from 18th when the sun shone all day) and strong, at times near gale force winds. On 21st, heavy showers were accompanied by hail and thunder. The weather continued very unsettled with winds on 27th reaching strong to gale force on the coast. The winds finally eased on 30th to end the month on a dry note with a fair amount of sunshine.

The rainfall total of 114.7mm was well above the seasonal average of 83.62mm but well below last year 163.2mm and the year 2000 216.9mm.

The sunshine total of 125.2 hours was just below the seasonal average of 127.9 hours but well below last years total of 163.2 hours.

The mean maximum temperature of 15.2°C and minimum of 9.5°C were both above their respective seasonal averages of 14.4°C and 9.1°C.

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