

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

OCTOBER 2006

RAINFALL

106.4mm (4.19ins) on 19 days.
Greatest fall in 24 hours (09-09h) - 13.9mm (0.55ins) on 10th.
October 2005 total rainfall - 91.3mm (3.59ins) on 19 days.
January to October 2006 - 494.9mm (19.5ins)
January to October 2005 - 424.0mm (16.7ins)

TEMPERATURES

Highest Maximum	-19.5°C (67.1°F) on 14th & 15th.
Lowest Maximum	-15.5°C (59.9°F) on 24th.
Highest Minimum	-17.0°C (62.6°F) on 1st
Lowest Minimum	-6.7°C (44.0°F) on 27th
Lowest Grass	-2.6°C (36.6°F) on 27th.

SUNSHINE

October 2006 133.9 hours on 27 days.
October 2005 124.6 hours on 25 days.
Maximum sunshine in 24 hours - 9.6 hours on 7th.
January to October 2006 - 1844.9 hours.
January to October 2005 - 1744.2 hours.

SUMMARY

The weather during the month of October was mainly dominated by low pressure systems, hence the long periods of unsettled conditions with some heavy downpours of rain. The total rainfall was 25% above the seasonal average and the total sunshine just above the seasonal average. It was the warmest October since records began with both day and night temperatures well above their seasonal average.

The month began with low pressure dominating the weather scene. There were heavy showers during the morning of the 2nd. with strong south westerly winds. The 3rd was a glorious sunny day with a total of 9.1 hours of sunshine. Strong to near gale force winds with heavy showers (12.7mm) were the order of the day for the 6th to be followed by the sunniest day of the month (9.6 hours) on the 7th. Thunderstorms during the night 10/11 brought heavy rain to the area (17.9mm). On 12th, pressure began to rise bringing a warm sunny day. Throughout this period temperatures stayed well above the seasonal average. The weather remained dry up to the 16th. Thereafter, with pressure dropping the weather became a case of sunshine, albeit limited, and showers. On 19th, there were strong to near gale force winds after heavy rain overnight (9.3mm). The weather continued to be influenced by low pressure with strong winds, limited amounts of sunshine, frequent showers, but temperatures remaining above the average for the time of year. on 27th, pressure began to rise. Although the weather remained unsettled it became less showery through to the end of the month.

The total rainfall of 106.4mm was well above the seasonal average of 83.62mm.

The sunshine total of 133.9 hours was just four hours above the seasonal average of 129.9 hours.

The mean maximum temperature of 17.6°C and mean minimum of 12.5°C were both well above their respective seasonal averages of 14.4°C and 9.1°C. It was the warmest October on record.

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