

BOGNOR REGIS METEOROLOGICAL OBSERVATIONS

OCTOBER 2007

RAINFALL

27.2mm (1.07ins) on 7 days.

Greatest fall in 24 hours (09-09h) - 12.9mm (0.51ins) on 9th.

October 2006 total rainfall - 106.4mm (4.19ins) on 19 days.

January to October 2007 - 563.8mm (22.2ins)

January to October 2006 - 494.9mm (19.5ins)

TEMPERATURES

Highest Maximum -19.0°C (66.2°F) on 6th.

Lowest Maximum -10.2°C (50.3°F) on 25th.

Highest Minimum -13.3°C (56.0°F) on 13th.

Lowest Minimum -3.8°C (38.8°F) on 24th.

Lowest Grass -1.3°C (34.3°F) on 23rd.

SUNSHINE

October 2007 - 130.9 hours on 24 days.

October 2006 - 133.9 hours on 27 days.

Maximum sunshine in 24 hours - 10.0 hours on 5th.

January to October 2007 - 1845.2 hours.

January to October 2006 - 1844.9 Hours.

SUMMARY

High pressure throughout the month controlled the greater part of the month's weather and as a result there was very little rainfall, generally light to moderate winds, and some good sunny days. Day temperatures were generally above the seasonal average but night temperatures were at times a shade below with early morning mist and fog much in evidence.

The month began on a cloudy note with rain in the early hours of the 1st and a misty start to the first two days. The following day was also cloudy. A ridge of high pressure began to move across the U.K. on the 4th. The day began with thick fog which soon dispersed to give a welcome day of sunshine (7 hours). The following day was the sunniest of the month (10 hours). Rain spread from the north west over the 8th and 9th. The 9th being a very wet day with the month's heaviest recorded rainfall of 12.9mm.

From the 10th to the 14th, it was dry with misty starts to the days. During the night 16/17 a cold front passed through the area bringing a heavy downpour of rain 5.3mm). There followed a rapid rise in atmospheric pressure which brought a dry spell with plenty of sunshine. Day temperatures dropped and the area came close to its first ground frost on the 23rd. On 22nd, the resident high pressure: moved away eastward. The following day the 23rd, hours of sunshine were recorded but thereafter up to the last three days of the month sunshine was a rarity with a total of just 3 hours sunshine between the 24th and 26th. The 28th was a miserable damp overcast day with zero sunshine and 3.7mm of mostly heavy drizzle. From then on to the end of the month it was warm and dry with plenty of sunshine.

The rainfall total of 27.2mm was well below the seasonal average of 83.62mm, and the driest October since 1995 (21.2mm)

The sunshine total of 130.9 hours was just above the seasonal average of 127.2 hours. The mean maximum temperature of 15.5°C was above the seasonal average of 14.4°C whereas the mean minimum of 8.9°C was just below its seasonal average of 9.1°C.