

BOGNOR REGIS
METEOROLOGICAL OBSERVATIONS
OCTOBER 2001

RAINFALL

147.8mm (5.82ins) on 16 days.
Greatest fall in 24 hours (09-09h) 31.4mm (1.24ins) on 1st.
October 2000 total rainfall - 216.9mm (8.54ins) on 27 days.
January to October 2001 - 686.7mm (27.03ins)
January to October 2000 - 754.1mm (29.69ins)

TEMPERATURES

Highest Maximum	-	19.3°C (66.7°F)	on 13th.
Lowest Maximum	-	14.0°C (57.2°F)	on 21st.
Highest Minimum	-	15.7°C (60.2°F)	on 6th.
Lowest Minimum	-	7.1°C (44.7°F)	on 22nd.
Lowest Grass	-	3.1°C (37.5°F)	on 22nd.

SUNSHINE

October 2001 - 113.1 hours on 27 days.
October 2000 - 101.0 hours on 23 days.
Maximum sunshine in 24 hours - 9.9 hours on 9th.
January to October 2001 - 1687.5 hours.
January to October 2000 - 1681.6 hours.

SUMMARY

October was a wet and overall rather dull month. However, conversely it was warm with the mean temperature the highest on record.

The month began with the weather continuing to be dominated by low pressure. Frontal activity brought rain to the area on 1st with very heavy rainfall recorded during the early hours of 2nd. There was as a result some local flooding. The weather continued unsettled with a very active depression moving through the area on 7th to bring gale force winds and heavy rainfall during the afternoon and into the silent hours. There was again some local flooding. Despite the unsettled weather two days, the 3rd and 9th, produced a total of 19 hours of sunshine between them. On 10th, high pressure built up to the south of the U.K. to produce a period of settled weather albeit short lived. On 13th, the high pressure slipped away and the weather became again rather unsettled. However, throughout, day and night temperatures remained high for the time of year with a maximum day temperature of 19.3°C recorded on 13th. The weather continued to be dominated by low pressure with frequent showers some heavy and squally at times. During the early hours of the 18th, a thunderstorm was recorded. Throughout this period sunshine was in rather short supply although it remained warm. The unsettled weather continued through to the 28th when low pressure was replaced by high pressure to the south of the U.K. The weather became notably cooler and more settled to finish the month with a more than welcome 8.9 hours of sunshine on 31st.

The rainfall total of 147.8mm was well above the seasonal average of 84.0mm and, apart from last October (216.9mm) was the wettest since 1987 (225.1mm).

The sunshine total of 113.1 hours was well below the seasonal average of 127.9 hours and the dulllest October since 1982 (91.6 hours).

The mean maximum temperature of 16.9°C and minimum of 13.1°C were both well above their respective seasonal averages of 14.4°C and 9.1°C making this October the warmest on record.