

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

DECEMBER 2003

RAINFALL

104.1mm (4.09ins) on 16 days.
Greatest fall in 24 hours (09—09h) — 40.1mm (1.58ins) on 27th.
December 2002 total rainfall — 118.5mm (4.67ins) on 25 days.
January to December 2003 — 585.8mm (23.06ins)
January to December 2662 — 940.5mm (37.03ins)

TEMPERATURES

Highest Maximum	- 12.5°C (54.5°F) on 13th.
Lowest Maximum	- 6.0°C (42.8°F) on 7th.
Highest Minimum	- 10.2°C (50.3°F) on 13th.
Lowest Minimum	- -1.2°C (29.8°F) on 16th.
Lowest Grass	- -4.2°C (24.4°F) on 16th.

SUNSHINE

December 2003 — 66.7 hours on 19 days.
December 2002 — 48.7 hours on 14 days.
Maximum sunshine in 24 hours - 7.5 hours on 17th.
January to December 2003 — 2126.4 hours.
January to December 2002 — 1829.3 hours.

SUMMARY

The month of December produced the usual mixture of seasonal weather but nothing exception]. to catch the eye of the media. Temperatures remained around the seasonal averages throughout the month. Rainfall was well above the seasonal average due in part to the deluge that saturated the area during the latter part of the month. Sunshine hours were just about the average to bring the total for the year to a very creditable 2126.4 hours.

The month began with the weather dominated by low pressure. Frontal activity during the night 30/01 brought heavy rain (14.0mm) and, falling on already saturated ground brought some local flooding. On 4th, pressure rose and it remained mild. This continued. to the 8th with temperatures high for the time of year. Sunshine was in short supply though with anti cyclonic gloom being the order of the day. On 12th, low pressure took over. Frontal activity brought on 11th— a miserable wet day was to follow. Pressure rose on 14th to give a dry sunny day. Ground frosts were recorded on 15 and 16. Pressure remained high with weather continuing dry and with maximum sunshine recorded (7.5 hours) on 17th. Pressure began to rise to the west of the U.K. on 20th. There were very strong winds with rain (6.7mm) on 21st. With the approach of Christmas the annual will it or wont it be a white Christmas became the main topic of conversation. It soon became apparent we were in for a mild overcast usual dull period. And so it turned out with the heavens opening up on 27th to bring a rainfall total of 40.1mm with some thunder. The weather continued damp and. in a depressing mood through to the end of the month.

The total rainfall of 104.1mm was well above the seasonal average of 75.54mm.

The sunshine total of 66.7 hours was slightly above the seasonal average of 62.3 hours.

The mean maximum temperature of 9.4°C and minimum of 3.8°C were both close to their respective seasonal averages of 8.7°C and 4.2°C.

A.E.S. 05 JAN 04