

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

FEBRUARY 2003

RAINFALL

22.1mm (0.871ins) on 12 days. Greatest fall in 24 hours (09.09h) 8.6mm (0.341ins) on 8th.

February 2002 total rainfall - 100.7mm (3.96ins) on 17 days.

January to February 2003 - 96.2mm (3.79ins)

January to February 2002 - 186.0mm (7.32ins)

TEMPERATURES

Highest Maximum - 11.4°C (52.3°F) on 27th.

Lowest Maximum - 1.6°C (34.8°F) on 13th.

Highest Minimum - 8.1°C (46.5°F) on 27th.

Lowest Minimum - 3.3°C (26.1°F) on 18th.

Lowest Grass - 7.0°C (19.4°F) on 18th.

SUNSHINE

February 2003 - 98.4 hours.

February 2002 - 86.1 hours.

Maximum sunshine in 24 hours - 9.3 hours on 21st.

January to February 2003 - 214.8 hours

January to February 2002 - 147.1 hours.

SUMMARY

February was overall a cool month and, although on par with the seasonal average, was the coolest since 1996. The sunshine total was well above the seasonal average, despite there being eight successive days during the first half of the month when a total of just 1.1 hours was recorded. Rainfall was half the seasonal average.

The month began with the weather continuing unsettled. Heavy rain during the early hours of the 1st produced a total of 10.8mm of rain. Day temperatures were cool and there were ground and air frosts at night. The weather continued unsettled. From 6th there began a period of eight successive days when a total of 1.1 hours only was recorded. During the same period 70% of the month's rainfall was also recorded. During the night 819 frontal activity brought heavy rain to the area (8.6mm). Pressure rose on 14th, and the night frosts which had ceased on 6th, reappeared and there began a dry but cold nine day period with day temperatures at times well below the average. During this time there was a fair amount of sunshine. On 23rd, it became appreciable warmer. The weather remained dry and there was plenty of sunshine. On 25th, high pressure began to move away to the east. The weather became duller, it stayed dry and it felt a lot warmer. During the afternoon of 28th frontal activity brought rain to the area (5.6mm) to be followed by heavy rain (17.0mm) during the early hours of the following day.

The rainfall total of 22.1mm was well below the seasonal average of 45.91mm. It was the driest since 1998 (7.7mm).

The sunshine total of 98.4 hours was well above the seasonal average of 88.3 hours despite there being a total of 8 sunless days.

The mean maximum temperature of 7.3°C and minimum of 2.1°C were both close to their respective seasonal averages of 7.2°C and 2.4°C.

A.E.S. 04 MAR 03