

## **BOGNOR REGIS**

### **METEOROLOGICAL OBSERVATIONS**

#### **FEBRUARY 2004**

##### **RAINFALL**

15.1mm (0.59ins) on 9 days.

Greatest fall in 24 hours (09—09h) — 6.9mm (0.27ins) on 1st.

February 2003 total rainfall — 22.1mm (0.87ins) on 12 days.

January to February 2004 — 93.3mm (3.67ins)

January to February 2003 — 96.2mm (3.79ins)

##### **TEMPERATURES**

Highest Maximum - 13.2 °C (55.7°F) on 11th.

Lowest Maximum - 3.9°C (39.0°F) on 20th.

Highest Minimum - 9.5°C (49.1°F) on 5th.

Lowest Minimum - -2.7°C (27.1°F) on 28th.

Lowest Grass - -5.3°C (22.4°F) on 26th.

##### **SUNSHINE**

February 2004 - 86.8 hours on 24 days.

February 2003 — 96.2 hours on 20 days.

Maximum sunshine in 24 hours - 9.0 hours on 19th.

January to February 2004 — 168.6 hours.

January to February 2003 — 214.8 hours.

##### **SUMMARY**

February was generally cloudy, mild, and dry. However, the last seven days of the month, when high pressure was never far away from the U.K., saw a large drop in temperature with day temperatures well into single figures and a succession of quite heavy ground frosts. The ever present cold northerly winds during this period made it feel a lot colder and at times bitterly cold.

The month began unsettled with heavy rain (6.9mm) during the afternoon of 4th which resulted in some local flooding. The weather continued unsettled with periods of light rain and very little sunshine. Temperatures were well above the seasonal average. On 7th, pressure began to build up west of the U.K. On 9th and 10th, day temperatures momentarily dropped into single figures before rising to the warmest day of the month on 11th (13.2°C). The weather continued mild but there were some cloudy and misty days. Typical February gloomy weather. Sunshine was hard to find with a total of just five hours over eight successive days. The sunshine eventually appeared on 18th to be followed by the sunniest day of the month on 19th (9.0 hours). A brisk easterly wind made it feel quite cold. On 23rd, there was a considerable drop in temperature and the weather, with a northerly wind in attendance became bitterly cold. There were however some long sunny periods. There was a succession of air and ground frosts through to the end of the month while day temperatures struggled to reach 5.0°C. Although threatened with snow, apart from a few flurries, the area unlike the neighbouring counties remained snow free.

The rainfall total of 15.1mm was well below the seasonal average of 45.91mm. There were sixteen successive days without any precipitation. 1998 had half this total with 7.7mm.

The sunshine total of 86.8 hours was just below the seasonal average of 88.3 hours despite the many gloomy days.

The mean maximum temperature of 8.7°C and minimum of **3.7°C** were both in excess of their respective seasonal averages of 7.2°C and 2.4°C.

A.B. S. 03 MAR 04