

APRIL 2004

BOGNOR REGIS

METEOROLOGICAL OBSERVATIONS

APRIL 2004

RAINFALL

69.9mm (2.75ins) on 17 days.
Greatest fall in 24 hours (09—09h) — 13.2mm (0.52ins) on 18th.
April 2003 total rainfall — 26.6mm (1.05ins) on 9 days.
January to April 2004 — 204.3mm (8.04ins)
January to April 2003 — 157.1mm (6.18ins)

TEMPERATURES

Highest Maximum	- 19.1°C (66.4°F) on 27th.
Lowest Maximum	- 9.5°C (49.1°F) on 29th.
Highest Minimum	- 10.5°C (50.9°F) on 28th.
Lowest Minimum	- 3.0°C (37.4°F) on 8th, 9th, & 11th.
Lowest Grass	- 0.2°C (32.3°F) on 8th.

SUNSHINE

April 2004 — 185.1 hours on 28 days.
April 2003 — 206.3 hours on 27 days.
Maximum sunshine in 24 hours - 12.9 hours on 24th.
January to April 2004 — 481.3 hours.
January to April 2003 — 595.5 hours.

SUMMARY

The month of April rather overdid the old adage of April showers et al with the recorded rainfall around 50% above the seasonal average. Sunshine too was below the seasonal average but day and night temperatures were above the average.

The month began with the weather changeable. Frontal activity brought rain to the area during the late evening of 1st. (4.8mm) and again on night 3/4 (5.4mm). Blustery westerly winds made it rather chilly. The weather continued changeable and it became cooler with the winds veering to the north. During the afternoon of 5th and 6th, there were heavy showers with hail recorded on 6th. The 9th produced 10 hours of sunshine and pressure began to rise on 11th. Winds became light, there was a fair amount of sunshine, it remained dry, and it became warmer. Pressure remained reasonably high until the night of 17/18 when a deep depression crossed the U.K. Frontal activity brought heavy rain (6.4mm) to break a sequence of 7 days of dry weather. The 18th was a wet and windy day with an overall total rainfall of 19.2mm. Pressure began to rise on 22nd and high pressure began to dominate the weather scene. There followed plenty of sunshine, and it was dry with light winds. Temperatures were well above the average. The high pressure moved away on 27th to give way to afternoon and evening severe thunder and lightning. Although very active and rather prolonged, there was surprisingly little rain (4.9mm). Pressure remained low to the end of the month resulting in little sunshine, frequent showers, and a noticeable drop in temperatures.

The rainfall total of 69.9mm was well above the seasonal average of 46.37mm.

The sunshine total of 185.1 hours was 74 hours below the seasonal average of 192.5 hours.

The mean maximum temperature of 12.9°C and minimum of 6.7°C were both above their respective averages of 11.8°C and 5.3°C.