

BOGNOR REGIS
METEOROLOGICAL OBSERVATIONS
JANUARY 2002

RAINFALL

85.3mm (3.36ins) on 25 days.
Greatest fall in 24 hours (09-09h) - 27.6mm (1.09ins) on 26th.
January 2001 total rainfall - 99.9mm (3.93ins) on 19 days.

TEMPERATURES

Highest Maximum	-	12.3 ^o C (54.1 ^o F)	on 24th.
Lowest Maximum	-	5.0 ^o C (41.0 ^o F)	on 3rd.
Highest Minimum	-	9.0 ^o C (48.2 ^o F)	on 21st, 29th, & 30th.
Lowest Minimum	-	-3.4 ^o C (25.8 ^o F)	on 1st.
Lowest Grass	-	-7.0 ^o C (19.4 ^o F)	on 1st.

SUNSHINE

January 2002 - 61.0 hours on 20 days.
January 2001 - 92.0 hours on 23 days.
Maximum sunshine in 24 hours - 6.2 hours on 1st.

SUMMARY

January will be remembered for the strong to gale force winds which occurred towards the end of the month. After a cold start the weather for the remainder of the month could be described as being mainly benign. Overall it was very mild with both day and night temperatures generally well above the seasonal average. There were many dull damp days during the month with a total of 6 dry days and 11 sunless days. A marked contrast to the previous month.

The month began with high pressure close to the U.K. For the first three days it was cold with night frosts on 1st and 2nd. There was however a fair amount of sunshine and it was dry. Although pressure remained fairly high, the weather became unsettled with dull and misty, sometimes foggy conditions, and it became much milder. During the evening of 9th, frontal activity brought rain to the area (3.6mm). This rainfall ended a relatively dry spell and commenced a sequence of daily rainfall recordings through to the end of the month. The unsettled weather continued to dominate the scene but it remained mild. From 20th, south westerly winds increased in strength. A deep depression moved across the U.K. during the night 22/23 bringing rain (4.2mm) and strong southerly winds. Barometric pressure of 995.6mbs, the lowest since February 28 last year, was recorded. A sequence of depressions followed to bring gale force winds and heavy continuous rain to the area on 26th. There was some local flooding. The stormy weather persisted through to the end of the month when, a slight rise in pressure, resulted in a sunny start to 31st and a welcome overall total of 4.8 hours of sunshine - alas it was not to last.

The total rainfall of 85.3mm was above the seasonal average of 72.83mm.

The sunshine total of 61.0 hours was marginally below the seasonal average of 67.9 hours.

The mean maximum temperature 9.0^oC and minimum of 4.8^oC were both well in excess of their respective seasonal averages of 7.4^oC and 2.8^oC, making it the warmest January since 1990.