

BOGNOR REGIS
METEOROLOGICAL OBSERVATIONS
SEPTEMBER 2000

RAINFALL

127.0mm (5.0ins) on 16 days.
Greatest fall in 24 hours (09-09h) - 35.8mm (1.4ins) on 15th.
September 1999 total rainfall - 101.9mm (4.0ins) on 19 days.
January to September 2000 - 537.2mm (21.15ins)
January to September 1999 - 464.8mm (18.30ins)

TEMPERATURES

Highest Maximum	-	21.9°C (71.4°F)	on 12th.
Lowest Maximum	-	15.5°C (59.9°F)	on 19th.
Highest Minimum	-	17.1°C (62.7°F)	on 9th.
Lowest Minimum	-	7.7°C (45.8°F)	on 4th.
Lowest Grass	-	5.9°C (42.6°F)	on 4th.

SUNSHINE

September 2000 - 153.2 hours on 27 days.
September 1999 - 190.0 hours on 29 days.
Maximum sunshine in 24 hours - 10.5 hours on 4th & 23rd.
January to September 2000 - 1580.6 hours.
January to September 1999 - 1791.5 hours.

SUMMARY

September was a wet month with well above the average rainfall. 75% of the total occurred during the first half of the month with the total recorded on 15th falling just short of that for the whole of August. Not surprisingly there was a shortage of sunshine but both day and night temperatures were well above the seasonal averages.

The month began rather unsettled with low pressure dominating the weather scene. During the evening/night of 1st, slow moving frontal activity brought heavy rain to the area with a total of one inch of rain recorded in 3½ hours. As a result there was some local flooding. Pressure rose on 3rd to give a fine day for the Birdman Rally. After a drop in pressure on 6th, which brought some light rain and strong winds, pressure again rose to bring dry sunny weather for the weekend albeit some early morning fog on 10th. This weather set the scene for a successful "Sands of Time". On 15th, low pressure took over. The associated slow moving fronts brought heavy rain from early morning to persist throughout most of the day with some thunder. Total rainfall 24.3mm which resulted in some local flooding. Low pressure continued to dominate the weather scene through to the 21st. with periods of heavy rain showers. A ridge of high pressure took over on 21st to produce a couple of warm dry sunny days. This however was shortlived, and it was back to the unsettled weather on 24th with showers and some thunder. From then on to the end of the month the weather continued unsettled with gale force winds recorded on 27th.

The rainfall total of 127.0mm was more than double the seasonal average of 58.49mm. It was wetter in 1995 (142mm) and 1993 (141mm).

The sunshine total of 153.2 hours was below its seasonal average of 170.5 hours. The dullest since 1994 (145.3 hours)

The mean maximum temperature 18.8°C and minimum of 13.2°C were both well above their respective totals of 17.9°C and 11.7°C.