

BOGNOR REGIS  
METEOROLOGICAL OBSERVATIONS

NOVEMBER 2000

RAINFALL

173.0mm (6.81ins) on 25 days.  
Greatest fall in 24 hours (09-09h) - 27.8mm (1.09ins) on 5th.  
November 1999 total rainfall - 25.6mm (1.01ins) on 12 days.  
January to November 2000 - 927.1mm (36.50ins)  
January to November 1999 - 543.5mm (21.40ins)

TEMPERATURES

Highest Maximum	-	12.7°C (54.8°F)	on 27th.
Lowest Maximum	-	7.7°C (45.8°F)	on 20th.
Highest Minimum	-	10.5°C (50.9°F)	on 29th.
Lowest Minimum	-	0.0°C (32.0°F)	on 15th.
Lowest Grass	-	-2.5°C (27.5°F)	on 15th.

SUNSHINE

November 2000 - 80.3 hours on 24 days.  
November 1999 - 110.6 hours on 25 days.  
Maximum sunshine in 24 hours - 8.4 hours on 4th.  
January to November 2000 - 1761.9 hours.  
January to November 1999 - 2080.7 hours.

SUMMARY

November was very wet, below average on sunshine, windy at times, but on the credit side, a little up on the seasonal mean maximum day time temperatures. The month's contribution of 173mm of rainfall ensured that, together with the previous two months grand total of 343.9mm, that this Autumn was the wettest since national records began. The previous record holder being 1852. The 30 year mean for Autumn was more than doubled - 216mm to 517mm. Flooding was widespread and because of the saturated state of the ground, standing water continues to appear following a period of only light rainfall. The total rainfall for the month made it the wettest November for more than 30 years.

Throughout the month, the weather, as in the previous two months, was dominated by successive low pressure systems, some very deep, moving west to east across the U.K. The associated fronts, at times very active and slow moving, produced some very heavy downpours, almost sub-tropical, particularly during the first six days of the month. The month's average rainfall total was exceeded by the 10th. Thereafter there were just two days during the rest of the month when rainfall was not recorded. Between 20th and 26th a very deep depression brought apart from a total of 32mm of rain, gale force winds on 21/22 and 25/26 with thunder on 22nd. There was however a fair amount of rain still to come especially during the night 30th/1st when a total of 12.6mm was added to the total for the already wettest Autumn on record.

The rainfall total of 173.0mm was two and a third times the seasonal average of 74.9mm. The wettest for over thirty years but well below the wettest on record - 1963 with 209mm.

The sunshine total of 80.3 hours was below the seasonal average 89.6 hours. The dullest since 1994 - 42.8 hours.

The mean maximum temperature of 11.1°C was well above its seasonal average of 10.6°C, whereas the mean minimum of 5.3°C was just below its seasonal average of 5.4°C.

A.E.S.

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