

## SUMMARY FOR THE FULL MONTH.

October was an exceptional month. In terms of temperature it produced the highest “Central England Temperature” [mean of 3 Midland climate stations] since records began in the mid 17<sup>th</sup> Century. In Halesowen the mean daily temperature ended at 13.1C [56.6F] which is the highest on file and some 3.1C [5.6F] above the 30-year mean. No frost at all was recorded, either ground or air giving the best figures since 1969! The maximum temperature of 20.9C [69.6F] on the 12<sup>th</sup> was almost 2 C above normal whilst the coldest night, October 28<sup>th</sup> with 7.1C [44.8F] was an astonishing 7.7C [13.9F] above the average for the month. Exceptional indeed! The mean minimum of 10.2C [50.4F] finished almost 4C above average resulting in all soil and earth temperatures showing positive anomalies, some by as much as 7C [12.6F].

Rainfall was high, however, with a total of 103.9mm [4.09ins] though this was not as high as last October which produced 135.5mm [5.33ins]. However, it still ended as the 6<sup>th</sup> wettest October on record for this station in records back to 1946. Rain fell on 22 days, 7 days above normal but still 2 days below last year. That said, 19 days were wet [ $>1\text{mm}/0.04\text{in}$ ] and 9 were “wetter” [ $>5\text{mm}/0.20\text{in}$ ] making October a wet month by any standards.

Despite this sunshine was marginally above average at 104.8 hours with a maximum daily total of 9.4 hours on the 12<sup>th</sup>. Winds were from a westerly quarter on 17 days peaking at 38 knots [44mph] on the 7<sup>th</sup>.

Thunder was heard on 4 occasions, well above normal, but there was no incidence of either hail or sleet during the month. Radiation levels were quite high with a maximum daily total of 142.6 Kw.sq.metre on the 12<sup>th</sup> and a “spot” maximum of 0.658 Kw/sq.metre at 11.19 a.m. on the 2<sup>nd</sup>. All said, an exceptional month!