

July 2021 weather summary

Rainfall, temperature and sunshine above average, especially warm at night and some violent rain.

Rainfall: 61.5mm (120% of normal).

The wettest July since 2017 (125.7mm), almost the same as 2015 (61.2mm), and before that 2012 (93.3mm). There was a 10-day dry spell 13th to 22nd, but either side of this were generally wet with the wettest day 21.0mm occurring on 5th. This was the highest July daily fall since 18th / 2017 (44.2mm).

There were two violent falls of rain (50mm/hr or more) on 4th (107mm/hr) and 28th 120mm/hr.

On 12th there was violent localised storm around and to the east of Wokingham town centre (see photo). This caused significant flooding in the area. However, no rain fell west of Woosehill roundabout during that period.

The number of 'rain days (0.2mm or more) were 15 3 more than normal. The number of 'wet days' (1.0mm or more) were 10, which is 2 more than normal.

Temperature:

The mean maxima were 23.0c (0.0c of normal) and the warmest since only 2019 and ranks 9th highest since 2000. However, the mean minima were 14.2c (+1.2c above normal). Although this was the highest 2018, there has only been one other year higher since 2000 and that is 2006. Looking back over 100 years, only 1983 was higher, therefore the July mean minima was the 4th highest in 100 years.

The heatwave 16th to 23rd provided the highest maximum 30.7c on 20th. 3 days reached 30c or more. However, all July's since 2014 have recorded higher temperatures, including 36.2 (2

The lowest minimum was 10.3c (16th) was the highest since 2018.

The lowest grass minimum recorded was 5.6c (15th). Therefore, there were zero air and ground frosts.

Sunshine: 229.6 (115% of normal)

Although sunshine was above average, it was not all sunny, the first 13 days only recorded 1 day with more than 7 hours and 55% of the sunshine total for the month (126.7 hours) was recorded in the 10 days between 14th and 23rd which coincided with the heatwave (from 16th).

It was only the sunniest since 2019 (231.4 hours) and there have been 5 sunnier July's since 2000.

The sunniest day was 15.2 hours (17th) and there weren't any sunless days the first time since 2017.

Thunder; there were 3 days with thunder heard (about 1 day more than normal).

Hail; there were 0 days with hail.

Fog; at the 0900am observation there were 0 day with fog observed. (normal).



Photo: Flooding on 12th July junction of A329 London road with Seaford Road Wokingham.