

November 2022 weather summary

Very wet, very mild and slightly below normal sunshine.

Rainfall: 123.5mm (158% of normal).

It was the 7th wettest November in the last 101 years and the wettest since 2009. The first half of the month was the wettest since 2002. Interestingly, the 7 of the wettest 10 Novembers in the last 101 have all been since 2000.

The wettest day was 29.6mm (2nd). This was the wettest November day 2011 (3rd) when 33.1mm fell.

Torrential rainfall rates occurred on 2nd (94mm/hr at 20:44) and on the 24th 68mm/hr (15:56).

The number of rain days (0.2mm or more), were 19 (1 more than average), but 2019 and 2015 have been higher. The number of wet days (1.0mm or more) was 15 days (3 more than normal), again both 2019 and 2015 were higher. However, falls of 5mm or more totalled 8 days, (3 more than average). But 2014 and 2006 were higher.

The longest period with no measurable rainfall was 3 days (28th to 30th November).

Autumn (September - October - November)

The autumn total of 283.7mm makes it the 6th wettest autumn period in the last 101 years.

The monthly totals were September 74.2mm (142%), October 86.0mm (111%) and November 123.5mm (158%).

12 months (December 2021 to November 2022)

The past 12 months total has increased significantly with such a wet November and now stands at 608.0mm 87% of normal but the last 3 months, covering Autumn, has increased to 136% of normal.

January to November 2022

Since the start of the calendar year 543.5mm of rainfall has been recorded (86%). Despite the very wet November and wet autumn period, the first 11 months of the year still makes it the 21st driest in the last 101 years.

Temperature:

The mean maxima were 12.7c (+1.7c above normal). This was the 4th highest in the last 41 years, only surpassed by 2011, 1994 and 2015. Noteworthy is that all the mildest Novembers are since 2002, except for 1994 and 1997.

The highest maximum temperature was 16.6c (12th), which is 2.8c above the average for that date. The lowest recorded maximum was 6.7c on 29th.

The mean minima were 7.4 (+2.8c above normal). This was the 3rd highest in the past 41 years with 1994 and 2015 being milder. The highest minimum was 12.6c on 11th

The lowest minimum was 2.4c (29th). This was the mildest lowest minimum in November for over 41 years.

The mean temperature was 10.0c (+2.2), was the highest since 2015 but the 3rd highest in the past 41 years (equal with 2011).

The last 3 months - (September – October – November)

The 3-month period indicates a mean maxima of 16.6c (+1.3c), making it warmest since 2011 and the 3rd warmest this millennium.

The 3-month period indicates a mean minima of 9.4c (+1.9c), making it the mildest since 2006 and the 2nd mildest this millennium.

The lowest grass minimum recorded was -1.9c (29th). There were 5 ground frosts this was 4 lower than normal.

There were zero air frosts, which is 5 days below normal and the first time that there haven't been any air frosts in the month since 2002. Zero air frosts in November have only occurred in 5 years since 1981.

Sunshine: 67.6 hours (93% of normal)

Sunshine was slightly below normal, this being the first month since December 2021. There were 6 sunless days (2 less than normal).

There were 3 days with 5.0 hours or more (3 days below normal), and the lowest since 2015.

The sunniest day was 6.6 hours (25th), the lowest total for the sunniest day since 2015.

Autumn - (September – October - November)

The 3-month period indicates that hours of bright sunshine were 382.6 hours (115% of normal).

Thunder; there was 0 day with thunder heard.

Hail; there was 0 days with hail.

Snow falling 0 days (normal). **Snow lying** at 0900 GMT 0 days (normal)

Fog; at the 0900am observation there was 1 day with fog observed.

Storms

The impact of Storm Claudio (31st/1st November) named by the French Met Office, was felt overnight with a gust of 73KM/hr (SSE) at 01:35hr. Some damage occurred during the early hours of 1st November.

Wind direction (at 0900am observation GMT)

N	0.0%	E	0.0%	S	13.3%	W	0.0%	Calm	33.3%
NNE	0.0%	ESE	3.3%	SSW	20.0%	WNW	0.0%		
NE	3.3%	SE	6.7%	SW	3.3%	NW	6.7%		
ENE	0.0%	SSE	6.7%	WSW	3.3%	NNW	0.0%		



Photo: – Sunrise on 20th November and a break from the rain. Taken from White Horse Lane Finchampstead credit Paul Richards