

Annual Weather Statistics for Ansty Parish 2022

The yearly average temperature for this year was 10.9 C – almost 1 C degree above the long-term average – another warm year, unfortunately and indeed global wise 2022 looks to be the warmest year so far as climate change intensifies.

Bear in mind that it has been a very long time indeed since we saw the mean annual temperature actually dip below the long-term average!

Overall, the winter of 2022 was very mild; quite dry, with no snow but about the average number of night-time frosts. A couple of storms caused issues with fallen trees in February. March heralded a sunny and very dry early spring with warm days but often cool nights. May continued on a similar theme, though with more rainfall.

June, July, and August were all very dry months with lots of all day sunshine with warm days but often cool nights; record breaking temperatures were recorded in Ansty and elsewhere in July and August. The highest temperature recorded in Ansty was 35.7 C on the 12th August'.

The highest UK temperature ever recorded in the UK was on July 19th when a temperature of 40.3 C was recorded in Coningsby, Lincolnshire. Temperatures like this sparked some serious fires that caused damage to crops and property – including very local fires within the parish.

The landscape in and around Ansty looked very parched from June onwards: with some recalling the drought ridden summer of 1976 – although back then the groundwater supplies were much lower than in 2022. Indeed, the dry summer caused a great deal of worry to the farming community – but somehow the early harvests and crop yields turned out to be very satisfactory – not unlike the previous dry summer of 2018!

By September the rainfall deficit was enormous and water companies, farmers and environmentalists were worrying about whether this could be replaced. However, in September the rains did finally arrive, and October and November were very wet months.

December will be remembered for its cold, frosty lead up to Christmas, but a run of mild very wet weather towards the latter half of the month brought rainfall totals up to a useful level – still a months' rainfall short though!

The annual rainfall total for Ansty this year was rather below average when looking at the long-term figures. What remains very noticeable these days is how that rainfall is delivered as these days our rain is more often arriving in the form of heavy dense downpours embedded in widespread frontal rain - not so much thundery – just heavy and persistent – racking up the rainfall rate. Here in Wiltshire, we also seem to get more grey days in the winter months with cloud and drizzle falling for days at a time - the kind of weather that Devon, Cornwall, and west Wales have been used to for longer: the maritime conditions are penetrating further east. This ties in with the fact that the annual relative humidity figures this year was almost 86% - very humid indeed and these figures have been slowly rising year on year for the last 2 or 3 decades.

Having said that we did get a whopping 217 days of bright sunshine along with 156 days of precipitation this year. November was the wettest month by far with 7.51 inches of rain – causing minor flooding problems here and there.

As our local weather stations are in a relatively sheltered valley locations our winds do not reflect the general pattern of wind direction over our parish, so this year we have used the Wind Direction as recorded by the professional weather station at Boscombe Down. We have continued with our local wind speeds but of course, down in the Coombes it is sheltered, and we reckon that you can easily double the wind speed for our more open areas and on top of the open plains and hills of the parish. This year we recorded wind gusts of over 30 mph (in February, November, and December) and these values would easily translate to 60+ mph in our more exposed areas. Indeed, in February, some branches and small trees did come down.

All in all – another 'warm' year and one's perception is that it is likely to be another in the 'warmest' category ...for the UK and certainly the World.



A parched landscape. Ansty Parish. July 19th 2022

ANSTY WEATHER OBSERVATIONS 2022 STATISTICS

TEMPERATURE ° C

YEAR	MONTH	MEAN MAX ° C	MEAN MIN ° C	MEAN ° C	HIGHEST ° C	DAY	LOWEST ° C	DAY		
2022	1	7.8	1	4.4	14	1	-5.5	21		
2022	2	10.5	3.3	6.9	14.2	16	-2.5	26		
2022	3	12.8	2.5	7.6	19.8	24	-1.9	21		
2022	4	15.5	2.5	9	21.9	16	-5	3		
2022	5	19.3	6.8	13	23.8	22	1.2	9		
2022	6	22.1	7.8	15	30.3	17	2	1		
2022	7	26.1	10.5	18.3	34.9	18	4.1	5		
2022	8	26.6	10.5	18.5	35.7	12	4.6	6		
2022	9	19.6	8	13.8	26.1	2	-0.3	17		
2022	10	17.6	7.5	12.5	19.9	29	-2	11		
2022	11	12.5	4.8	8.6	17.7	12	-2.2	19		
2022	12	7.3	0	3.6	13.2	19	-9.2	16		
Annual averages 2022					16.5		5.4		10.9	
					2022 warmer by:		0.9+C			
Long term annual averages (1981 -2000)					14		6		10	
Night Frosts							61			
Day Frosts							1			
Annual Total Frosts 2022							62			
Long term annual average total frosts (1981-2000)							50			

PRECIPITATION (in inches/mm)

				MAX		DAYS OF RAIN		
				OBSERVED		OVER		
YEAR	MONTH	TOTAL inches	TOTAL mm	DAY	DATE	0.01"	0.1"	1"
2022	1	1.49	37.85	0.45	8	14	4	0
2022	2	2.65	67.31	0.62	13	14	9	0
2022	3	2.65	67.31	0.63	16	12	6	0
2022	4	1.11	28.19	0.31	7	10	3	0
2022	5	2.19	55.63	0.49	16	12	5	0
2022	6	1.48	37.59	0.45	5	14	5	0
2022	7	0.20	5.08	0.10	22	4	0	0
2022	8	0.56	14.22	0.46	16	4	0	0
2022	9	2.40	60.96	0.49	30	14	9	0
2022	10	4.73	120.14	1.24	21	24	9	1
2022	11	7.51	190.75	1.18	15	22	16	1
2022	12	4.43	112.52	0.89	19	12	9	0
						156	75	2
Annual Total 2022		31.40	797.56			2022		No. of days of lying snow
		90%				Sun Days	Rain Days	
Average long term annual total (1981 - 2010)		35	889.00			217	156	0

WIND SPEED/DIRECTION								Humidity
		AVG SPEED		MAX GUST			DOMINANT DIRECTION	Monthly Average Humidity %
YEAR	MONTH	mph	km/h	mph	km/h	DATE		
2022	1	1.6	2.58	16.6	26.73	2	NW	95.8
2022	2	3.3	5.31	37.0	59.57	18	W	91.3
2022	3	2.2	3.54	22.0	35.42	31	NE	84.3
2022	4	2.1	3.38	25.2	40.57	7	VAR	79.5
2022	5	1.8	2.90	16.7	26.89	13	WNW	83.7
2022	6	2.0	3.22	18.6	29.95	19	SSW	81.1
2022	7	1.6	2.58	19.0	30.59	24	WNW	74.5
2022	8	1.6	2.58	18.1	29.14	20	SSW	74.8
2022	9	1.7	2.74	18.6	29.95	30	N	85.2
2022	10	2.7	4.35	25.2	40.57	21	SW	91.7
2022	11	4.1	6.60	31.7	51.04	7	SW	95
2022	12	2.2	3.54	33.8	54.42	29	NE	94.4
Statistics based on 2 very local weather stations.								Annual Average Humidity %
								85.9

ANSTY MONTHLY SUMMARY NOTES FOR 2022

JAN	A month of contrasts: average temperatures for the month – yet often mild but also frosty; low rainfall totals; some bright sunshine but too often cloudy and very humid!
FEB	Exceptionally mild; Average Rainfall (no real snow); A couple of storms causing some issues.
MAR	Exceptionally sunny; Average Rainfall and temperatures (late cold spell at very end of month).
APR	Very sunny; well below average rainfall; near average monthly mean temperature; warm days; cool nights!
MAY	Quite sunny; near average rainfall; rather above average monthly mean temperature but warm days; cool nights!
JUN	Quite a sunny month; below average rainfall; just above average temperatures: but some warm days and cool nights
JUL	Very sunny; extremely dry well above monthly mean temperature with some record-breaking hot days tempered by some coolish nights!
AUG	Very sunny; extremely dry; well above monthly mean temperature with more record-breaking hot days again tempered by some coolish nights!
SEP	Quite sunny & bright; cool nights and some cool days; slightly below average monthly temperatures; near average rainfall
OCT	Very mild; above average rainfall; a dry first half but a much wetter second half. Quite sunny!
NOV	Very mild and very wet; several bouts of torrential rain; Paradoxically, quite sunny however!
DEC	A month of startling contrast: first half very cold, sunny, dry, and frosty; second half exceptionally mild, cloudy, very wet and humid meaning the month displayed average readings!