

# Ansty Weather Station.

Weather statistics for 2019

2019	MONTHLY SUMMARY NOTES
JAN	AN AVERAGE MONTH: OVERALL MEAN 3.6 C. 17 NIGHT FROSTS. OFTEN CLOUDY – ONLY 7 BRIGHT OR SUNNY DAYS; RAINFALL WELL BELOW AVERAGE; SNOW FELL EVENING ON LAST DAY; FEWER STORMS THAN USUAL. HIGH HUMIDITY THROUGHOUT.
FEB	COLD START, 3 DAYS LYING SNOW-THEN VERY MILD. – RECORD BREAKING FEBRUARY FOR MAX TEMPERATURES; MEAN 2.6 C ABOVE AVERAGE; AVERAGE RAINFALL; 15 DAYS SUNSHINE; 13 NIGHT FROSTS (-8.1 C ON 3 <sup>RD</sup> ) WINDY SPELL END OF 1 <sup>ST</sup> WEEK.
MAR	ANOTHER VERY MILD MONTH; OVERALL MEAN 8.3 C (1.8 C ABOVE MEAN AVERAGE). VERY WET UNTIL 17 <sup>TH</sup> (3.47 INCHES – ABOVE AVERAGE); LAST 14 DAYS ALMOST NO RAINFALL; ONLY 2 NIGHT FROSTS; 20 C MAX ON 30 <sup>TH</sup> ; WALL TO WALL SUN 24 <sup>TH</sup> -30 <sup>TH</sup> ; WINDY SPELL FROM 6 <sup>TH</sup> TO 11 <sup>TH</sup> .
APR	COLD FIRST HALF OF THE MONTH; WARM AND VERY DRY SECOND HALF - AND YET ANOTHER MILD MONTH (1.3 C ABOVE MEAN AVERAGE). 6 NIGHT FROSTS; QUITE SUNNY WITH AVERAGE RAINFALL
MAY	ANOTHER MONTH OF CONTRAST: COOL START WITH A COUPLE OF NIGHT FROSTS; MUCH WARMER SECOND HALF. STILL ABOVE MEAN AVERAGE BUT ONLY 0.7 DEG V; VERY WARM SESSION FROM 18 <sup>TH</sup> -28 <sup>TH</sup> A SUNNY MONTH WITH BELOW AVERAGE RAINFALL
JUN	COOL FOR 3 WEEKS – THEN EXCEPTIONALLY WARM LAST WEEK RESULTING IN AVERAGE OVERALL MEAN OF 15 C. VERY HOT DAY ON 29 <sup>TH</sup> : MAX 32.3 C! EXCEPTIONALLY WET FOR JUNE: TWICE AVERAGE RAINFALL! ONLY 12 SUNNY DAYS!
JUL	EXCEPTIONALL SUNNY MONTH AND SOME VERY WARM DAYS: RECORD HIGH ON 23 <sup>RD</sup> – MAX 32.9 C. ANOTHER VERY WARM MONTH (A WHOPPING 2 C DEG ABOVE AVERAGE MEAN). AVERAGE RAINFALL FELL IN 6 DAYS – WITH 1.49 IN (37.9 mm) ON 30 <sup>TH</sup> .
AUG	FAIRLY AVERAGE MONTH: 0.9 C ABOVE MEAN AVERAGE; AVERAGE MONTHLY RAINFALL (10 RAIN DAYS); A SUNNY MONTH (22 DAYS). VERY WARM AND DRY FROM THE 19 <sup>TH</sup> WITH 31.4 C RECORDED ON AUGUST 25 <sup>TH</sup> A NEAR RECORD FOR THESE PARTS.
SEP	AN EXCEPTIONALLY WET MONTH! AVERAGE MEAN MONTHLY TEMPS; QUITE A SUNNY MONTH – UNTIL THE 22 <sup>ND</sup> SEPTEMBER! SEPT 24 <sup>TH</sup> MARKED THE START OF A WET AUTUMN! 2.52 INCHES FELL IN ONE SESSION 2 AND ALMOST 5 INCHES FELL 22 <sup>ND</sup> – 30 <sup>TH</sup> !!
OCT	A VERY CLOUDY MONTH; WELL ABOVE AVERAGE MONTHLY RAINFALL (22 RAINY DAYS) TOTAL – 5.80 INCHES – A WHOPPING 147 MM). MEAN MONTHLY TEMPS ABOUT RIGHT FOR THE MONTH. ONLY 5 'BRIGHT DAYS'.
NOV	A COOL MONTH! ALMOST 1 C DEG BELOW MEAN MONTHLY AVERAGE! THE ONLY MONTH IN 2019 THAT WAS COOLER THAN AVERAGE!! 10 NIGHT FROSTS HELPED! EXCEPTIONALLY WINDY ON 2 <sup>ND</sup> ; QUITE WET TOO (4.19 IN – 107 mm)
DEC	COLD SUNNY START THEN MILD AND DULL; ANOTHER WET MONTH! (ALMOST 2/3 <sup>RD</sup> OF THE AVERAGE ANNUAL RAINFALL FELL IN THE AUTUMN! MUCH TO DISMAY OF LOCAL FARMERS! CHRISTMAS DAY NOTED FOR ITS SUNNY DAY! MORE RAIN FOLLOWED...TOTAL RAINFALL: 6.58 INCHES



# ANSTY COOMBE WEATHER OBSERVATIONS 2019 STATISTICS

## TEMPERATURE ° C

YEAR	MONTH	MEAN MAX ° C	MEAN MIN ° C	MEAN ° C	HIGHEST ° C	DAY	LOWEST ° C	DAY
2019	1	6.9	0.3	3.6	11.3	25	-6.4	31
2019	2	11.5	0.9	6.2	18.6	26	-8.1	3
2019	3	12.7	4	8.3	20	30	-1.7	26
2019	4	16	3.4	9.7	25.2	21	-2.9	3
2019	5	19.1	5.8	12.4	24.7	25	-0.8	6
2019	6	20.8	9.2	15	32.3	29	4.1	6
2019	7	25.6	11.7	18.7	32.9	23	6.8	4
2019	8	23.5	11.5	17.5	31.4	25	7.3	21
2019	9	20.2	9	14.6	25.6	15	3	8
2019	10	14.5	6.7	10.6	18.8	1	-0.4	28
2019	11	9.7	3	6.3	15	1	-3.1	9
2019	12	12.4	2.7	5.8	12.4	6	-3.6	2
<b>Annual averages 2019</b>		<b>16.1</b>	<b>5.7</b>	<b>10.7</b>	Night Frosts		<b>60</b>	
<i>(Fixed Observations)</i>					Day Frosts		<b>0</b>	
<b>Annual averages 2019</b>		<b>15.9*</b>	<b>5.7*</b>	<b>10.7</b>	Annual Total Frosts 2019		<b>60</b>	
<b>Long term annual averages (1980 -2010)</b>		<b>14</b>	<b>6</b>	<b>10</b>	Long term annual average total frosts (1980-2000)		<b>50</b>	

\* This is the overall mean computed from continuous real time temperature observations.

# PRECIPITATION (in inches/mm)

YEAR	MONTH	TOTAL inches	TOTAL mm	MAX		DAYS OF RAIN		
				OBSERVED		0.01	OVER	
				DAY	DATE		0.1	1.00
2019	1	1.66	42.16	0.49	19	11	5	0
2019	2	2.42	61.47	0.49	4	11	8	0
2019	3	3.65	92.71	0.62	12	18	12	0
2019	4	2.21	56.13	1.07	4	9	6	1
2019	5	1.08	27.43	0.37	8	11	4	0
2019	6	4.05	102.87	0.71	7	13	9	0
2019	7	2.32	58.93	1.49	30	6	3	1
2019	8	2.31	58.67	0.91	16	10	5	0
2019	9	6.04	153.42	2.52	24	12	11	1
2019	10	5.80	147.32	0.71	13	22	18	0
2019	11	4.19	106.43	0.78	6	20	14	0
2019	12	6.58	167.13	0.99	12	20	15	0
						163	110	3
Annual Total 2019		42.31	1074.67			Annual Total:		No. of Days of lying snow
						Sun Days	Rain Days	
Average long term annual total (1980 - 2010)		35	889.00			176	163	3



WIND SPEED						Humidity		
		AVG SPEED		MAX GUST			DOMINANT	MONTHLY
YEAR	MONTH	mph	km/h	mph	km/h	DATE	DIRECTION	AVERAGE %
2019	1	2.0	3.22	22.8	36.71	27	SE*	93.4
2019	2	2.4	3.86	25.3	40.73	7	SSW	93.6
2019	3	3.1	4.99	27.3	43.95	10	SSE*	87.9
2019	4	2.1	3.38	20.6	33.17	27	SE*	78.4
2019	5	2.0	3.22	23.0	37.03	4	SE*	76.2
2019	6	2.5	4.03	17.7	28.50	26	SE*	83.9
2019	7	1.7	2.74	15.4	24.79	30	SSE*	76.9
2019	8	2.0	3.22	21.5	34.62	10	SSW	85.1
2019	9	2.0	3.22	18.1	29.14	29	SSW	87.7
2019	10	2.4	3.86	21.3	34.29	25	SSE*	94.5
2019	11	2.1	3.38	27.7	44.60	2	SE*	96.6
2019	12	2.5	4.03	23.9	38.48	10	SSW	95.8

*Because of the sheltered nature and alignment of the coombe valley where this weather station is located and the surrounding slopes the wind direction generally blows up the valley (E/NE) or down the valley (SW/SE). Wind Speed in the valley is generally half that found on the tops of the slopes!*

*\*Peculiar to the station location! Further afield SW winds were by far the most dominant.*

Annual  
Average  
Humidity %

87.5

## **2019: A year in review**

2019 has been a year of extremes: record-breaking heat and rain, along with notable spells of cold and windy weather have all been prominent.

Tap link to see what the Meteorological Office has to say about our weather!