

December 2021

Dec 2021	Total cloud	Wind		Present Weather	Visibility	Temperatures (°C)									0900 mb Press	state of ground without snow	state of ground with snow	Snow Depth Whole cm	Rainfall 09-09h Thrown back mm & 10ths	Sunshine	Weather 00 hrs - 24 hrs			
		Dir. Whole deg.s	speed knots			Dry bulb	Wet bulb	Max thrown Back	Min	Grass	Conc	Soil									snow sleet	Hail/Ice	Thunder	Gale
												10cm	30cm	100cm										
01	6	230	02	02	7	5.2	4.4	5.4	4.6	2.4	3.0	4.8	6.4	7.7	994	1			0.5	1.9	0	0	0	0
02	1	230	02	02	8	-1.6	-2.7	6.7	-1.6	-7.5	-4.6	1.2	5.7	7.7	1014	4			0.8	3.8	5	0	0	0
03	7	230	09	02	7	5.7	4.9	7.2	-1.6	-7.3	-4.8	2.4	4.8	7.5	1001	1			8.5	0.0	0	0	0	0
04	7	230	09	02	7	4.2	3.6	4.9	3.0	0.5	1.1	3.2	5.2	7.3	988	1			5.0	0.2	5	0	0	0
05	5	360	02	02	8	3.8	2.2	4.9	1.1	0.3	1.0	3.0	5.2	7.1	1011	1			0.4	0.8	1	0	0	0
06	6	160	09	80	7	3.2	2.4	5.3	1.0	-4.3	-1.6	2.8	5.1	7.1	1001	1			5.1	2.2	1	0	0	0
07	8	140	05	02	7	3.7	1.9	6.1	1.5	-1.2	-1.1	1.7	4.9	7.0	995	1			3.2	0.0	0	0	0	0
08	8	090	02	50	6	3.8	3.2	5.3	2.1	0.6	0.8	2.6	4.7	6.8	974	1			0.4	0.0	0	0	0	0
09	8	200	05	02	6	5.3	4.9	6.7	1.5	-2.6	-1.9	1.9	4.8	6.7	996	1			5.1	1.8	0	0	0	0
10	2	200	02	02	8	1.6	1.1	5.2	1.2	-1.6	-0.9	2.0	4.8	6.7	996	4			0.0	2.0	0	0	0	0
11	8	180	05	02	7	5.1	4.2	11.4	-0.1	-3.7	-2.2	1.8	4.6	6.6	1010	1			4.3	0.0	0	0	0	0
12	8	180	02	02	7	7.8	7.2	12.5	5.1	4.0	4.3	5.5	4.9	6.5	1013	1			1.0	0.2	0	0	0	0
13	8	180	05	02	7	6.7	5.3	7.8	6.1	4.2	4.8	4.7	5.8	6.4	1018	1			0.0	0.0	0	0	0	0
14	5	200	09	02	7	5.6	4.9	9.5	4.5	1.9	2.3	4.0	5.7	6.6	1020	1			TR	0.3	0	0	0	0
15	8	230	09	02	7	9.1	8.2	10.1	4.9	3.0	3.5	6.0	5.8	6.7	1023	1			3.8	0.0	0	0	0	0
16	7	200	05	02	7	8.6	7.7	10.1	7.6	5.4	5.9	6.6	6.3	6.8	1036	1			0.0	0.0	0	0	0	0
17	4	000	00	02	7	5.2	4.8	7.0	4.1	-1.1	-0.2	3.7	6.5	6.8	1042	1			0.0	2.4	0	0	0	0
18	1	140	02	02	8	2.0	1.8	7.9	0.3	-4.2	-2.3	1.9	5.3	7.1	1040	4			0.0	3.8	0	0	0	0
19	2	070	09	02	7	-0.7	-0.9	4.0	-0.7	-4.8	-2.5	1.1	4.4	6.8	1036	1			0.8	2.0	0	0	0	0
20	7	090	02	80	6	3.8	3.7	4.9	-0.7	-2.0	-1.8	2.6	4.2	6.7	1030	1			TR	0.5	0	0	0	0
21	8	140	02	02	6	2.1	1.2	2.4	1.9	1.1	1.6	2.6	4.4	6.3	1025	1			0.0	0.0	0	0	0	0
22	8	070	09	02	5	-2.3	-2.4	7.6	-2.9	-4.1	-3.3	1.1	4.4	6.3	1017	4			4.2	0.0	0	4	0	0
23	8	230	02	02	5	7.6	7.0	8.4	-2.3	-2.7	-2.1	4.3	4.3	6.2	1003	1			7.5	0.0	0	0	0	0
24	8	070	05	80	6	4.7	4.4	5.6	4.6	4.2	4.5	4.8	4.8	6.1	1004	1			0.5	0.0	0	0	0	0
25	6	090	13	02	8	2.7	1.8	3.0	1.7	-0.1	0.1	2.5	2.5	6.3	1006	1			0.3	0.2	0	0	0	0
26	8	070	02	02	8	2.2	1.3	4.8	0.6	-1.8	-1.3	1.7	1.7	6.1	1007	1			0.3	0.0	0	0	0	0
27	5	070	05	03	7	1.3	1.2	7.1	1.2	-0.5	-0.1	2.3	4.4	6.1	993	1			5.5	1.4	0	0	0	0
28	8	050	02	61	6	6.8	6.5	8.0	1.0	-0.8	0.0	4.8	4.5	6.0	987	1			1.8	0.0	0	0	0	0
29	8	090	02	62	6	7.0	6.1	12.3	2.6	-1.0	-0.1	3.5	5.0	6.0	992	1			7.1	0.0	0	0	0	0
30	8	230	09	50	6	12.2	11.8	12.8	6.8	5.6	5.0	7.7	5.5	6.0	1003	1			35.8	0.0	0	0	0	0
31	7	230	19	02	6	12.7	11.3	13.6	10.0	8.9	9.0	9.0	6.8	6.2	1004	1			0.4	0.0	0	0	0	0

December 2021

	Max	Min	Grass	Conc	10cm	30cm	100cm	Press		Rainfall	Sun	SI/Sn	Hail	Th	Gale
<b>Total</b>	228.5	69.1	-9.2	16.1						102.3	23.5	4	1	0	0
<b>Mean</b>	7.4	2.2	-0.3	0.5	3.5	4.9	6.7	1009		0.8					

Highest max °C	13.6	on:	31st
Lowest max °C	2.4	on:	21st
Lowest min °C	-2.9	on:	22nd
Highest min °C	10.0	on:	31st
Grass Min °C	-7.5	on:	2nd

Number of days with:	
Air min below 0.0°C	7
Grass min below 0.0°C	18
Concrete min below 0.0°C	16

Rainfall	Total	% 20yr Avg
	102.3	104.0
Greatest fall in 24 hrs 09-09h:	35.8	On: 30th
Number of days with 0.2 mm or more:	23	
Number of days with 1.0 mm or more:	14	
Number of days with 5.0 mm or more:	8	

Diff

Mean Max °C	7.4
Mean Min °C	2.2
Mean °C	4.8

Wind Direction 0900hrs									
N	NE	E	SE	S	SW	W	NW	Calm	
1	6	4	4	3	12	0	0	1	

Max Gust
52mph 29th
Mean Wind Speed
7.6mph

Fog at 0900hrs
0

December 2021 A mixed month, couple of cooler periods, but ended up with a very mild end. Overall Mean temperatures were +0.4c above normal. Rainfall was heading towards being dry until the 30<sup>th</sup> when 35.8mm fell, taking the monthly total from 60% to 104%, just shows what one event can do.

Sunshine	
Total	23.5
Sunniest	3.8 2/18th
Days no sun	14

Pressure		
Mean	1009	at obs
High	1042.9	17th
Low	967.8	7th