Daily observations - Tideswell - October 2018

Date	Max temp	Min temp	Grass min temp	Rain (mm)	Snow depth at 0900z	MSLP at 0900z	Total cloud at 0900z	Wind direction at 0900z	Max 10-min mean wind (kt)		Max Gust (kt)	Frost duration (hours)	Sun (hours)	Remarks
1	12.2	2.3	-0.5	1.7		1027.3	1	WNW	10	S	17		5.5	
2	14.3	7.2	7.1	1.8		1017.9	7	WNW	12	WNW	29		0.2	
3	14.8	8.8	6.4	0.2		1025.5		WNW	10	WNW	19		1.5	
4	17.4	10.9	9.9	nil		1022.7		SE	12	SSW	22		1.5	
5	15.3	11.5	10.6	17.5		1014.5	8	S	7	SSW	13		nil	
6	9.9	5.3	5.4	0.2		1013.2	8	N	12	N	19		1.6	Wet o'night. Cldy a.m. with ocnl slt rain till 0930.Cloud slowly broke in aft to give a clear cold eve. Cold breeze.
7	10.6	-0.6	-4.2	nil		1023.6	7	S	10	SSW	17	1.6	2.3	Some early sun then o'cst middle/high cloud. Earliest air frost in my 10-yr record.
8	14.6	3.8	5.0	nil		1017.6	7	SW	12	SW	25		1.0	Extensive middle/high cld all day with variable amounts of low cld. Dry all day. Brief sunny ints a.m.
9	17.4	10.8	10.0	nil		1014.7	1	S	10	SSE	25		6.9	A cloudy start but cloud breaking by mid-morning with long sunny spells for remainder of day.
10	21.0	6.1	2.6	trace		1014.4		ESE	12	SE	22		8.7	Sunny and warm for much of the day after a cloudy start.
11	16.7	11.7	7.4	2.5		1000.1	7	SSE	23	SSE	34		0.8	A cldy day but showers associated with cold front that went through just after 1800.
12	16.6	8.3	5.2	16.4		1001.5	8	SSE	31	SSE	44		0.1	Very windy. Rain early and late.
13	19.5	13.6	15.3	6.8		1003.0		SSE	30	SSE	46		nil	Very windy. Rain a.m. and late.
14	8.7	8.7	8.9	11.4		1006.8	8	WNW	14	SSW	21		nil	
15	10.6	5.9	3.5	0.6		1013.8		N	9	NNW	18		nil	
16	13.7	7.4	7.8	trace		1014.3	8	SSE	9	SSW	17		nil	
17	13.1	8.7	5.0	trace		1018.0		WNW	7	WNW	16		1.0	
18	14.7	1.7	-2.2	nil		1029.2	7	SW	5	N	9		7.0	
19	13.8	0.1	-3.9	nil		1026.3	6	SSW	7	W	13		4.5	
20	16.4	4.6	1.5	nil		1030.2	4	SSW	7	W	13		3.6	
21	15.4	6.8	5.4	nil		1025.8		WNW	9	NW	17		2.7	
22	10.8	3.6	1.5	trace		1037.7		WNW	14	WNW	22		7.8	
23	10.8	7.3	4.8	1.5		1027.9	7	WNW	19	WNW	30		0.0	A cloudy, breezy day with slight drizzle for much of the time.
24	10.4	8.7	8.7	trace		1028.7	6	WNW	17	WNW	27		3.7	Slight drizzle early + late. Broken cloud and sunny periods during daylight. A breezy day.
25	10.7	7.9	5.9	7.2		1022.2	7	WNW	12	WNW	18		2.3	Extensive low stratus. Some holes a.m. gave sunny intervals. Slight drizzle early + late.
26	8.6	4.7	2.5	0.3		1009.5	4	WNW	12	WNW	21		4.2	Wet in the early hours. Dry by day with broken cloud and sunny spells.
27	4.6	-0.1	-3.3	0.5		1015.7	8	NNW	14	NNW	24	0.2	0.3	Bright start. Clouded over Slight snow approx 0730-1000 then slight sleet till midday. Dry cldy p.m. Cold wind.
28	7.7	2.1	0.0	1.5		1023.5	1	NNW	14	N	21	1.7	4.1	Dry for much of the day with bkn cld and sunny periods. Cldy mid-aft with slight showers of rain and small hail.
29	6.2	-1.9	-5.9	0.7		1012.6	0	NNW	10	ENE	16	6.6	5.2	Fine, clear + frosty early + late. Broken Cu and sunny periods by day. Showers in area in aft.
30	6.6	-1.5	-6.9	0.5		997.7	7	NNW	10	NNW	17	1.4	0.0	A little rain 0400-0500 then a dry day but mostly cldy. Showers 2030-2100. A cold day.
31	9.2	-2.2	-6.8	0.9		1006.2	3	SSE	16	SSE	22	7.8	7.0	Long spells of sunshine. More cloudy in evening.
Total				72.2								19.3	83.5	Very dry, very sunny and rather cold. It was the coldest October since 2010. Several new October records were set for the 10-year period. These were: a) Lowest daily max temperature b) Lowest grass minimum temperature c) Number of air frosts d) Number of ground frosts e) Frost duration f) Days with snow/sleet falling g) Max 10-minute mean wind h) Maximum gust
Mean	12.7	5.6	3.4			1017.5	6							
Highest	21.0	13.6	15.3						31		46			
Lowest	4.6	-2.2	-6.9						5		9			
Mean temp	9.1													