Daily observations - Tideswell - January 2017

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	2.7	2.7	2.4	2.4		1016.1	8	N	17	N	30		nil	Rain from the early hours. Sleet late a.m. Dry from early aft but stayed cloudy till after dark.
2	3.7	-1.0	-3.9	0.2		1030.8	1	W	16	N	26	10.9	5.9	Very slight snow shower in early hours. Fine, crisp and sunny by day. Clear + frosty in eve.
3	5.7	-0.9	-3.0	3.3		1025.5	7	WNW	21	WNW	33	0.4	nil	Cloudy, cold and windy. Slight drizzle from early aft.
4	5.3	3.7	2.3	trace		1024.0	7	N	14	NW	19	1.1	3.5	Slight rain o'night. Cloud dispersed through the morning to give a sunny aft. Clouded over in eve.
5	4.7	-3.6	-6.1	nil		1034.4	3	CALM	5	WNW	8	17.9	5.9	A fine and sunny day after a hard o'night frost. High cloud thickening in eve.
6	7.7	-3.2	-5.3	2.1		1033.8	8	S	10	SW	19	3.0	nil	Early frost. Slight rain from late a.m.
7	8.6	1.7	3.1	1.0		1031.3	8	CALM	9	WNW	12		nil	Dank and drizzly all day.
8	7.8	3.2	0.1	1.9		1032.1	8	CALM	5	SW	11		nil	Dull with a low overcast all day with spells of drizzle. Dry with more broken cloud in eve.
9	7.2	4.0	0.0	13.6		1016.1	8	SSW	14	SW	29		nil	Wet till about 1400 then more broken cloud and occas slight showers. Cold front 1245
10	9.1	3.2	1.8	0.6		1007.6	7	NW	19	WNW	33		nil	Wet overnight. Cloudy day with occasional slight rain/drizzle
11	5.9	5.3	4.4	2.1		1003.2	2	NW	31	WNW	49		4.6	Very windy. Early showers then mostly sunny/clear. Slight sleet showers late evening.
12	2.4	1.4	-0.3	13.7		1004.8	8	WSW	19	WNW	34	5.4	nil	Slight sleet a.m. Snow in aft. Mostly slight but occas mod. Slight accumulation late aft. Fine frosty eve.
13	2.6	-1.9	-3.5	2.1	13	1005.7	7	WNW	16	WNW	27	14.2	4.3	Snow shwrs o'night. Hvy snow + blowing snow 0600-0800. Bkn cld + sunny/clr periods for rest of day.
14	5.2	-2.5	-5.3	14.5	7	1018.2	8	WNW	14	WNW	22	2.2	1.9	Early frz rain/sleet then slight sleet/snow till mid-morn.Dry after that with bkn cld + sunny/clr ints.
15	7.6	1.0	-1.3	10.8		1020.1	8	WNW	10	WNW	19		nil	Slight sleet in early hrs then slt/mod/hvy rain till early aft. Drizzle aft/eve with fog at times in eve.
16	8.1	5.2	6.2	1.4		1026.0	8	W	7	WNW	11		nil	Continuous slight drizzle all day. Intermittent fog p.m. Weak cold front from SE at 1720
17	5.6	3.8	3.7	1.2		1034.0	8	S	5	S	9		nil	Drizzle all day and fog for much of the time.
18	6.7	3.8	4.5	0.2		1037.1	8	NW	5	NW	11		nil	Drizzle early and late. Dry during day but overcast and grey. Very little wind.
19	5.7	5.3	5.0	0.2		1037.6	8	CALM	3	WNW	11		nil	Another o'cst and gloomy day. Very slight drizzle a.m. and again in eve.
20	6.5	2.9	2.1	0.1		1035.4	6	CALM	5	ENE	11		4.5	Cloud gradually broke a.m. to give a sunny afternoon.
21	2.2	-0.2	-3.1	trace		1030.3	7	E	10	ENE	18		nil	Overcast, grey and gloomy all day with a raw breeze.
22	1.2	-2.1	-4.5	0.2		1025.3	7	WSW	7	S	13	8.2	nil	Very slight snow a.m. and into early afternoon.
23	4.2	-2.3	-3.8	0.4		1028.0		CALM	2	SSW	5	5.7	1.2	
24	4.2	-1.9	-4.0	0.2		1026.3		CALM	7	SSW	12	5.9	2.2	
25	5.7	0.0	-1.7	trace		1025.7	3	SW	12	SSE	21		6.6	Long sunny spells. Low cloud in evening.
26	-1.8	-2.2	-2.2	trace		1018.6	8	SSE	12	SSE	18	20.9	nil	Grey, murky and bitterly cold with a SE breeze. Very slight snow from time to time.
27	3.7	-3.6	-4.6	9.2		1010.1	8	E	10	SSE	17	12.3	nil	Fog all day, freezing a.m. Rime on trees a.m. Rain late eve.
28	5.2	-3.1	0.9	4.8		1004.7	8	S	12	WSW	17		0.1	Wet all night and till late a.m. Fog early. Showers p.m. with sleet in eve.
29	3.8	-0.6	-4.7	1.8	trace	1011.6	1	CALM	5	S	11	2.2	1.9	O'noght snow showers left a slight covering. Early sun then cloudy. Fog from mid-aft. Rain in late eve.
30	4.6	-0.5	2.8	2.3		1011.6	8	CALM	9	SE	18		nil	Dry but overcast after early fog and drizzle.
31	6.7	2.9	2.4	14.1		1010.9	8	SE	12	SSE	22		nil	Thick fog anddrizzle throughout daylight. Slight to moderate rain in eve.
Total				104.4								110.3	42.6	Overall,, a fairly average month though the amount of snow and the frost duration were a fair bit below average. Although the sunshine total was a little above average the number of sunless days was the highest I have recorded in any January. The most significant event of the month was the brief but intense snowstorm between 0600 and 0800 on the 13th. About 13 cm of powder snow fell with considerable drifting. Although the general snow cover lasted less than 2 days, remnants of drifts from this event survived just outside the village until at least the 30th.
Mean	5.1	0.7	-0.5			1021.8	7							
Highest	9.1	5.3	6.2						31		49			
Lowest	-1.8	-3.6	-6.1						2		5			
Mean temp	2.9													