Daily observations - Tideswell - February 2016

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	11.6	1.4	6.8	0.2		1006.8	8	WSW	23	W	35		1.7	A blustery day. Mostly cldy + dry after some early rain. A few sunny ints. Slight showers in eve.
2	5.7	3.9	1.8	8.3		1008.4	7	W	21	W	31		1.5	Mostly cldy. Dry with few sunny ints a.m. Slight shwrs early aft. Frequent hail/sleet/snow shwrs from 1500
3	7.8	0.6	-3.2	7.7	3	1015.4	6	WNW	14	WSW	22		1.8	Early snow caused some road disruption. Some rain a.m. Dry aft with sunny ints. Slight rain in eve.
4	8.6	1.7	0.0	1.6		1019.9	6	NW	17	NW	31		0.0	Low o'cst and misty for most of the day. Slight rain/drizzle for much of the time.
5	8.3	6.5	4.7	6.6		1015.0	8	SW	16	S	31		nil	A cldy day. Slight drizle till 1000 then a pleasant dry day till slight rain started 1515. Cold front 2155.
6	8.8	1.5	-2.0	14.0		995.1	8	S	28	S	41		nil	Slight to moderate rain all day. Died out around 2200. Sleet showers late evening.
7	6.4	2.2	0.6	6.5		986.2	7	SW	26	S	36		1.6	Dry morning with sunny ints.. Frequent rain and sleet showers early aft. Slight to mod rain from 1430
8	5.7	2.6	2.2	20.7		972.4	8	SSW	23	WSW	31		nil	Rain all day. Burst of hail around 1400. Short spell of heavy sleet 1500-1515.
9	5.2	0.3	-2.2	0.5		983.0	2	SSW	16	W	24		4.7	Dry throughout daylight with sunny periods after a slightly icy start. Rain and sleet showers in evening.
10	5.6	0.9	-0.1	0.4		994.2	1	NW	10	WNW	19		6.0	Broken cld a.m. with sunny spells. Sunny aft. Bec cldy in eve with slight rain/sleet/snow showers
11	7.3	-0.4	-3.4	0.1		1003.0	7	SW	9	SW	12	4.3	5.4	A splendid day with broken cloud, sunny spells and light winds. Fine frosty evening.
12	4.2	-1.5	-5.1	1.0		995.5	8	ENE	5	ENE	12	2.1	0.0	An icy start with some fog. Slight sleet 1000-1300. Dry but cldy after that. Very little wind.
13	3.6	0.9	-1.3	0.2		988.9	7	E	14	ENE	24		nil	Cldy. A raw breeze. Dry apart from a little wet snow in early hours and slight soft hail shower 1530-1540.
14	4.1	0.3	-1.8	0.2		997.3	6	N	12	N	22	1.0	3.7	A dusting of snow/soft hail early. Dry a.m. and early aft. Ocnl shwrs of snow/soft hail from 1430.
15	4.3	-0.6	-3.9	nil	trace	1025.8	1	NNW	14	NNW	22	10.5	5.9	Slight dusting on the ground early. Sunny a.m. Rather cldy aft with sunny ints. Fine frosty eve.
16	5.0	-5.2	-9.2	4.6		1032.9	4	S	21	S	29	9.4	5.1	Very frosty start. Bkn cld and sunny spells till mid-aft. Then more cldy with slight sleet in eve.
17	4.0	-0.9	1.8	7.5		1013.9	8	S	9	W	16		nil	Mod rain till early aft. Mod sleet briefly on cold front 1430. Slight rain/sleet afterwards. Bec fine in eve.
18	5.9	-0.8	-3.1	trace		1013.1	4	NNW	9	WNW	16	6.9	4.3	Fog till 1030 then sunny till early aft. Cldy through remainder of aft then fine eve.
19	7.6	-1.5	-6.1	2.7		1014.4	2	SSW	17	WSW	29	7.9	3.1	Sunny frosty start. Clouded over by late a.m. Spits of rain in aft then a little heavier in eve.
20	10.0	1.4	2.9	13.8		1004.4	8	WSW	24	WNW	38		nil	Spits of rain a.m. then mod/hvy rain in aft. Slight rain in eve. Blustery W'ly all day.
21	11.7	5.7	5.4	4.9		1002.6	8	W	12	W	27		nil	Overcast, mild and breezy with long spells of slight rain/drizzle. Brief spell of mod/hvy rain early aft.
22	5.9	2.6	0.8	0.3		1006.3	1	WNW	14	W	27		3.2	Sunny spells a.m. More cldy p.m. with a few slight showers of rain, hail + sleet.
23	6.6	1.2	-1.9	nil		1016.5	1	N	9	WNW	13	5.2	7.7	A fine clear day with only small amounts of cloud and prolonged sunny spells. Fine frosty eve.
24	4.7	-4.8	-9.2	0.8		1019.1	1	CALM	9	WNW	14	13.7	6.9	Sunny start. Clouded over by midday. Brief slight snow shower 1245. Sunny spells aft. Snow shwrs late eve.
25	3.9	-3.1	-6.4	nil	1	1016.8	0	WNW	9	WNW	12	7.5	5.3	Snow showers o'night. Long sunny spells till early aft then bec o'cst and rather cloudy.
26	5.3	-1.7	-1.1	nil		1010.1	7	SSE	9	SSE	16	2.3	0.2	Dry + cldy. Lengthy bright spells but only a couple of brief glimpses of sun.
27	4.6	-0.2	-4.0	0.2		1013.0	7	N	9	N	16	1.3	nil	A dry, cloudy, quiet day.
28	6.2	-1.2	-4.1	nil	trace	1024.0	7	NNE	10	ENE	18	7.5	3.3	Slight snow shower o'night.Beautiful dry day with broken cloud and sunny intervals.
29	7.6	-3.5	-6.9	10.0		1027.9	8	CALM	14	S	22	9.3	nil	Dry and cldy all day with a raw S'ly wind from late a.m. Slight sleet from about 2030.
Total				112.8								88.9	71.4	A little milder than average, due entirely to max temps being above average. After a very dull first week it ended
Mean	6.4	0.3	-1.7			1007.7	5							up being the sunniest February that I have recorded. Despite the sunshine it was a wet month.
Highest	11.7	6.5	6.8						28		41			3cm of lying snow on the morning of the 3rd caused disruption out of proportion to the scale of the event. The
Lowest	3.6	-5.2	-9.2						5		12			first traffic in the morning packed the snow down hard. A slight rise in temperature then produced a film of melt
														water resulting in many vehicles, especially artics, getting stuck on modest inclines due to wheelspin. A couple
Mean temp	3.4													of main roads in the area were closed for a time due to stranded artics.