Daily observations - Tideswell - February 2019

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	0.5	-4.4	-4.0	1.3	6	992.0	7	N	9	W	16	18.0	nil	Overcast. Snow for much of the day, mostly slight but briefly moderate mid-morning.
2	1.0	-4.7	-9.4	nil	5	1007.2	2	SSW	9	W	16	20.7	5.6	Fine sunny morning. Dry but rather cldy p.m. but still a few sunny intervals.
3	5.1	-7.4	-13.1	11.5	5	1022.6	6	SW	16	SSE	22	11.1	4.2	Sunny spells till early aft then clouded over. Spits of rain 1530-1700.
4	7.1	-3.9	0.7	0.2		1011.0	7	SSW	16	S	31		1.4	Wet o'night. Dry by day but rather cldy though there were ocln sunny ints in aft. Shower 1900-1930.
5	7.2	-2.7	-6.2	5.0		1022.6		CALM	14	S	24	7.8	nil	A cldy day. A little rain in middle of day then fog and some drizzle. Mod/hvy rain 2030-2130.
6	6.8	-0.1	-4.1	11.1		1016.8	7	SW	12	SSE	18		1.3	A dry and rather cloudy day but there were a few sunny intervals during the morning.
7	7.1	0.8	0.2	8.6	1	995.7	8	WSW	16	WSW	27		0.1	A wet night then moderate snow 0645-1000. Rain after that till early aft then dry.
8	9.5	0.7	-0.9	8.2		990.6	8	S	23	SSE	39		0.2	Rain till about 1300.Cloud then broke to give a few glimpses of sun. Very hvy showers in eve.
9	7.0	3.6	1.2	4.8		991.6	7	WSW	24	WSW	41		0.6	Windy o'night + a.m. Dry till late aft then occasional slight showers of rain + hail.
10	5.3	1.6	0.0	2.3		991.3	8	W	14	WNW	24		1.5	Ocnl slight rain o'night. Mod/hvy sleet 0800-0845. Bkn cld + sunny ints. Slight rain/hail showers middle of day
11	9.1	0.8	-1.6	0.1		1022.2	4	WNW	10	WNW	22	1.8	4.2	A springlike day with broken cloud + sunny spells. Frost on the ground early + late.
12	8.9	-1.0	-4.9	nil		1029.2	7	WSW	12	SSW	19	2.8	nil	A dry, cloudy day after a frosty start.
13	10.2	4.3	5.9	nil		1029.2	7	SSW	10	S	18		2.5	A spring day with broken cloud and periods of warm sunshine.
14	12.9	0.2	-4.7	nil		1031.0	2	SSE	9	SSE	13		7.7	Early fog and frost then a mostly sunny day.
15	12.1	0.2	-5.8	nil		1025.6	1	S	12	SSW	22		8.3	A sunny day with an early frost.
16	12.2	2.9	-0.1	nil		1019.4	7	SW	17	SSE	26		2.9	A milder start. Broken cloud + sunny periods till early afternoon then cloudy. Dry all day.
17	10.9	5.7	2.4	nil		1010.4	7	SSE	17	SSE	26		1.8	A dry but rather cloudy day with only occasional sunny intervals.
18	8.4	5.3	0.0	1.0		1010.5	7	S	14	SSW	24		0.8	A mostly cloudy day. Dry apart from a couple of slight showers in early afternoon.
19	7.2	4.7	2.3	0.6		1015.1	7	WSW	14	WSW	24		1.0	Some early rain then sunny periods till mid-morning then cloudy but dry.
20	9.9	5.1	4.1	0.6		1014.9	8	SSW	12	SSW	22		0.0	A cloudy day. A little rain early and again in afternoon.
21	14.3	6.5	4.7	trace		1022.0	8	W	14	SSW	24		5.0	After a cloudy start much of the day had well-broken cloud and sunny spells.
22	14.5	2.1	-1.8	nil		1033.9	8	CALM	12	SSE	19		6.0	Long sunny spells though the sun has been rather weak due to extensive cirrus.
23	14.8	2.3	-1.9	nil		1032.5	8	E	14	SSE	17		5.9	Early fog then sunny till mid-afternoon. Middle + high cloud thickening after that. Murky continental air.
24	14.6	1.7	-2.3	nil		1036.2	0	CALM	9	SSE	12		7.5	Long sunny spells but the sun weakened in afternoon as the cirrus thickened.
25	16.6	-0.9	-5.5	nil		1036.8	5	WNW	9	SSE	13	3.0	8.9	A warm, sunny day. Warmest and sunniest February day in my record so far.
26	17.8	0.2	-4.6	nil		1033.7	0	SSE	7	SSE	11		9.0	Unbroken sunshine. Warmest and sunniest February day in my record, beating yesterday.
27	14.5	0.3	-4.3	nil		1024.9	0	WSW	7	WNW	12		9.1	Third successive completely sunny day.
28	8.1	0.7	-2.9	4.2		1013.7	7	WNW	12	WNW	18		0.2	
Total				59.5								65.2	95.7	Very warm, very dry and very sunny. For my 11-year period of recording the following new February records were set: Mean max (highest); Mean temp (highest); Highest max (highest - twice); Lowest grass min (lowest); Rain days (lowest); Days with snow falling (lowest); Total sunshine (highest); Sunniest day (highest); Days with no sun (lowest). The record high mean temp was almost entirely due to the anomalously high day max temps.
Mean	9.8	0.9	-2.0			1017.2	6							
Highest	17.8	6.5	5.9						24		41			
Lowest	0.5	-7.4	-13.1						7		11			
Mean temp	5.3													