

Daily observations - Tideswell - February 2020

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	8.0	6.0	2.2	11.5		996.4	3	WSW	23	WSW	33	2.0	Sunny spells till late a.m. then cldy. Rain from early aft. Mosly very slight but briefly mod/hvy at times in eve		
2	9.1	3.9	3.4	5.2		1001.4	8	ESE	12	SW	22	1.2	Wet o'night. Rain eased a.m. but didn't stop till near midday. Further spells of rain from 1630, some mod/hvy.		
3	6.6	4.2	2.0	7.7		1010.2	7	WSW	17	W	29	1.6	Shwrs o'night. Dry by day but rather cldy with some sunny periods. Mod/hvy shwrs of sleet/wet snow in eve.		
4	7.3	1.7	-0.1	1.0		1015.8	7	WNW	23	WNW	43	0.2	Frequent rain/ sleet shwrs o'night then slt/mod sleet after dawn. Turned to rain after 0900. Died out by 1200.		
5	5.6	0.9	-3.9	nil		1036.4	8	WNW	10	WNW	12	0.2	Some early fog then a dry day with persistent low cloud till dusk. Light winds.		
6	9.6	-2.1	-7.2	0.3		1031.1	0	W	7	W	8	11.5	7.6	Long sunny spells after a frosty start.	
7	7.7	-1.9	-5.7	1.0		1020.3		SE	16	SSE	26	5.4	3.4		
8	10.2	-0.1	-2.8	17.7		1012.3		SSW	23	S	43		3.2		
9	10.8	3.6	0.3	15.5		979.4		S	30	SSE	49		0.6	Large tree blown down in field behind our house today.	
10	4.8	2.4	0.6	2.4		992.9	6	SW	17	WNW	38		0.7	A dry but mostly cloudy morning. Snow 1255-1500, mod/hvy for a time. Heavy snow shower early evening.	
11	2.8	0.7	-0.4	1.3		999.9	7	WSW	17	WSW	33		0.4	A few snow showers o'night but not significant. Frequent showers of snow/hail for much of day. Not settling.	
12	5.3	0.8	-2.0	10.5	<1	1010.3	7	WSW	16	WSW	26	1.9	5.1	Snow shower before 0600 left dusting on ground.Fairly frequent shwrs of snow/soft hsil gave brief dustings.	
13	5.8	-0.7	-5.7	0.3		987.9	7	S	17	SE	29	0.1	0.7	Mod/hvy rain/ sleet o'night. Mostly cldy and mostly dry by day but ocnl sunny ints and a few slight shwrs in aft.	
14	8.8	-1.4	-5.4	2.5		1013.3	7	SSE	17	S	29	5.8	0.4	Fine morning wu=ith sunny ints after an early frost but a freshening S'ly. Slt/mod rain 1415-1600.	
15	10.6	1.4	-0.6	45.5		1000.3	8	SSE	26	S	43		nil	A wet and incearsingly windy day.	
16	6.2	5.2	4.0	6.3		984.6	8	SSW	19	SSW	39		0.8	Very wet o'night. Dry for a while after 0630 then brief spells of mod/hvy rain/ sleet . Line convection with hail .	
17	8.2	1.8	0.1	2.7		1000.1	6	SSW	21	SSW	35		3.0	Broken cloud and sunny periods.Also occasional showers, the heavier ones with hail .	
18	7.4	1.7	-1.8	6.1		1013.4	7	SSW	16	SSW	29		0.5	A cldy day. Ocnl slt rain a.m.then dry slot then slt shwrs from 1345. Hvy sleet/hail late aft. Hvy snow early eve.	
19	7.6	1.4	-1.0	6.8		1017.3	8	SSW	16	SW	30		nil	Cldy day. Dry start. Slight rain from 1015. Mostly moderate after midday till it cleared around 1800.	
20	7.6	2.0	4.9	12.1		999.0	8	SSE	19	WNW	27		0.5	Dry night then wet morn. C.Fs 1015 + 1110. Rain turned to sleet 1125. Ceased early aft. Shwrs sleet/snow/hail .	
21	9.1	1.4	-1.5	11.1		1016.1	8	SSW	19	SSW	36		nil	Dry night then day of continuous rain. Mostly slight but occasionally mod in aft. Mod/hvy rain/ sleet late eve.	
22	7.4	4.8	5.8	26.8		1009.1	7	WNW	23	SSW	42		0.3	Showers of rain/ hail early then cldy and mostly dry but slight rain/ hail shower around 1515.	
23	6.3	3.8	2.2	18.0		1006.8	8	WNW	18	WNW	30		1.8	Wet o'night with some sleet . Slight rain till late a.m. then dry but cloudy.	
24	10.3	0.8	-0.8	4.1		1001.9	8	S	21	WNW	35		nil	Snow then rain from 0415. Ceased by 1000. Remained cldy with ocnl slight shwrs bec more frequent in aft.	
25	6.0	1.3	-0.4	11.0		996.6	7	SW	14	WSW	26		3.3	Slight sleet showers o'night. Snow/soft hail showers in evening.	
26	4.1	0.4	-2.4	5.5	4	1000.4		WNW	16	WNW	29	1.2	2.4	Frequent showers of snow/soft hail .	
27	3.8	-0.3	-2.2	1.4	5	998.4	8	NW	16	WNW	26		4.1	Snow in early hrs. Bkn cld by day with sunny periods and fairly frequent slight showers of snow/soft hail	
28	8.8	-0.3	-2.2	17.9	3	1005.7	8	SSE	17	SSE	29	0.8	nil	Snow . Mostly mod, 0730-1200 then rain. 12cm lying snow at midday.	
29	5.4	0.5	0.6	3.1		977.7	8	SW	21	S	36		2.4	Wet till 0800. Dry with sunny periods for rest of a.m..Cldy aft with frequent snow/soft hail shwrs. Sleet in eve.	
Total				255.3									26.9	46.5	Another mild month but the notable feature of the month was the rainfall. By a very large margin it was the
Mean	7.3	1.5	-0.7			1004.7	7								wettest February in my 12-year record. The previous wettest was 164.4 mm in Feb 2011. Feb 2020 is the
Highest	10.8	6.0	5.8						30	49					wettest calendar month of any name since I started recording here in Jan 2009. Previous wettest was 224.4
Lowest	2.8	-2.1	-7.2						7	8					mm in Dec 2011. Notable is the 180-day running rainfall total.This has been rising throughout the month and
															got into record territory just after mid-month. The 180-day total to 0900 on 1st Mar 2020 is 948.7 mm. That's
Mean temp	4.4														the highest 180-day total in my record. The 30-day and 365-day running totals are getting close to records.