Daily observations - Tideswell - April 2021

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	7.7	4.4	4.1	trace		1026.9	8	ENE	14	ENE	27		nil	Mostly overcast and grey. Spells of very slight drizzle till 0900. A few brighter intervals in afternoon.
2	11.2	1.3	-2.6	nil		1032.6	7	ENE	10	ENE	21		5.2	A cloudy start.Cloud broke up duing the morning and the afternoon war mostly sunny.
3	12.6	3.0	-0.3	nil		1034.9	7	NNW	10	N	18		4.6	Cloudy till early afternoon then mostly sunny.
4	12.2	-0.9	-5.9	0.7		1027.1	7	WNW	21	WNW	33	1.4	5.5	Early fog lifted into low cld then dispersed after 1000 then long sunny spells. Cld increased from north late aft.
5	5.7	-1.1	-1.5	trace		1018.1	2	NNW	16	NNW	29	4.6	7.6	A little rain in early hrs. Frequent slt/mod shwrs of snow/soft hail 0600-0815 then sunny a.m Bkn cloud p.m.
6	4.9	-3.4	-6.8	0.8		1020.6	1	WNW	12	WNW	24	13.4	7.2	Clear, frosty start. Cloud built up through the morning to bring frequent sltmod showers of snow/soft hail in aft.
7	7.3	-5.8	-9.7	0.1		1023.0	1	NW	12	WNW	21	8.2	6.0	Clear frosty start. Sunny for a while a.m. Cld developed by middle of day to give a mostly cldy aft.
8	10.9	1.2	-1.7	1.0		1018.4	7	WSW	19	W	34		3.5	Early drizzle + low cloud then sunny periods for a while a.m. Cldy but dry p.m.
9	7.9	2.3	2.0	0.4		1011.5	7	WSW	12	WSW	21	1.5	0.1	A little rain early then cldy but mostly dry. A couple of slight sleet showers 1100-1200.
10	5.8	-2.1	-5.7	4.8		1015.7		NNW	9	ENE	16	3.2	nil	Cldy but dry start. Slt/mod shwrs of sleet/snow/soft hail from 1020. Became slt/mod snow in aft, briefly hvy.
11	7.4	-0.6	-2.5	0.2		1019.5	2	NW	12	WNW	24	5.2	8.4	O'night snow shwrs left dusting on ground. Bkn cld + sunny spells. Ocnl slight shwrs of snow/soft hail from 1100.
12	9.5	-4.9	-8.9	nil		1027.9		WNW	9	WNW	16	10.3	9.0	
13	10.2	-4.7	-7.8	nil		1033.1		WNW	7	WNW	12	6.8	10.3	
14	12.7	-1.0	-4.7	nil		1034.0		VRBL	9	ENE	14	4.4	3.7	
15	12.5	-4.4	-8.2	nil		1035.3		ESE	7	SSE	13	8.6	7.6	
16	13.1	-3.7	-7.7	nil		1032.6		ESE	9	E	13	7.4	6.9	
17	16.2	-2.8	-7.0	nil		1030.3	2	S	7	ENE	13	6.9	10.3	A fine, sunny day after an early frost. Thin, high-level Ac late aft + evening
18	16.1	-1.9	-5.7	nil		1025.7	7	NNE	5	SSE	11	5.4	2.2	Extensive thin, high Ac all day with only occasional sunny intervals.
19	17.6	-1.9	-5.1	nil		1022.2	0	SE	10	SSE	14	4.3	12.5	A fine, sunny, cloudless day with an early frost. Feeling very warm and almost hot in the afternoon.
20	17.0	0.6	-2.5	nil		1018.2	7	ESE	7	NNW	11		5.9	A day of broken cloud and sunny periods. Some hefty build-ups in the afternoon but no rain here.
21	11.6	5.9	4.9	nil		1022.5	6	NE	14	E	22		1.7	A dry but mostly cloudy day. A few sunny periods, mostly before 0900.
22	16.8	-3.8	-6.1	nil		1028.4	2	SSE	10	S	16	7.6	12.7	A fine sunny day after a frosty start.
23	18.0	-2.4	-5.9	nil		1029.6	1	SE	10	SSE	18	5.6	11.4	Sunny for much of the day but Thick cirrus developed in the late afternoon
24	17.3	0.4	-2.4	nil		1029.2	7	NNE	10	ENE	19		6.3	Extensive thick cirrus obscured sun for much of the morning then long sunny spells with small amounts small Cu
25	13.2	2.2	-2.6	nil		1031.0	6	ENE	12	ENE	18		7.6	Broken high-based Cu all day with variable amounts of cirrus. Sunny spells.
26	15.9	-0.2	-4.1	trace		1024.4	7	E	7	S	12	0.1	8.0	Broken low cloud and sunny spells for much of day though persistent cirrus weakened the sunshine at times.
27	11.6	5.6	3.4	1.7		1009.1	7	WNW	12	ENE	18		0.0	A cldy but mostly dry morning. Lots of hefty showers in area p.m. but we've had only a few spits of rain.
28	10.9	3.6	2.2	trace		1009.4	8	N	16	ENE	33		3.9	A little rain overnight then a mostly cldy day with a few spits of rain in aft but also some sunny intervals.
29	10.6	0.1	-4.1	0.1		1011.7	4	N	10	N	17		2.8	A mostly cldy day with only occasional sunny intervals. Substantial shwrs in area in aft but only spits of rain here.
30	11.4	-2.4	-5.1	trace		1015.7	4	N	10	N	21	5.4	8.1	Broken cld and sunny periods. Lots of showers in area in afternoon but, again, only a few spits of rain here.
Total				9.8								110.3	179.0	An extremely anomalous month. It was the coldest, driest and sunniest April since before 1991. The two sunniest Aprils since before 1991 are 2021 9179.0 HOURS0 and 2020 (175.0 hours). I have only 12 years of frost duration data but the total for April 2021 (110.3 hours) is a long way above the previous highest April total (63.6 hours in 2013). The mean minimum and lowest minimum temps were both the lowest such values since before 1991. The highest min temp was equal lowest (with 2012) since before 1991. All-in-all a remarkable month.
Mean	11.9	-0.6	-3.6			1024.0	5							
Highest	18.0	5.9	4.9						21		34			
Lowest	4.9	-5.8	-9.7						5		11			
Mean temp	5.6													