Daily observations - Tideswell - July 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	16.5	11.3	9.1	nil		1017.1	8	W	14	NW	26		2.3	
2	16.6	7.9	5.8	nil		1025.5		NNW	7	NW	19		4.0	
3	22.8	5.8	3.6	nil		1027.8		NW	5	SSW	17		10.1	
4	21.8	8.9	6.2	nil		1025.0		WNW	7	WNW	17		4.9	
5	21.4	12.6	10.1	1.2		1018.9		W	10	NW	18		5.4	
6	18.4	13.4	11.0	0.2		1012.3		NW	7	NW	16		2.9	
7	21.3	7.1	4.7	nil		1017.0		S	9	ENE	16		6.7	
8	21.4	8.8	5.6	0.2		1021.4		ESE	7	SSE	13		4.0	
9	17.9	11.7	9.4	2.0		1020.3		WNW	5	WNW	11		0.1	
10	20.1	12.6	10.3	9.1		1017.5		SSW	9	SSW	16		1.7	
11	22.1	12.1	10.7	nil		1011.0		SW	7	SW	16		2.6	
12	19.8	10.7	8.9	nil		1013.4		W	9	WNW	18		2.9	
13	20.6	12.1	10.0	0.2		1022.3		NW	9	WNW	16		3.2	
14	19.7	11.6	9.6	nil		1024.1		ENE	9	NNW	14		1.3	
15	23.8	6.9	3.8	nil		1022.8	2	SE	5	SSE	9		4.2	Early fog then a dry day with sunny periods.
16	23.0	11.7	8.1	nil		1018.8	7	WNW	7	WNW	13		4.1	A mostly cloudy morning. Broken cloud and sunny periods in afternoon.
17	21.3	13.2	10.9	2.0		1013.2	8	SSW	9	SSW	16		0.4	Warm and muggy with weak sunshine a.m. Cloud thickened in aft with slight/moderate rain in eve.
18	18.8	12.7	10.7	1.2		1007.4	7	WNW	10	SSW	19		2.7	A mostly cloudy,day with a few sunny ints. Slight showers late aft/early eve.
19	16.9	9.8	7.3	7.7		1008.6	8	SSE	12	SSE	22		nil	Slight to moderate rain for much of the day.Torrential burst late aft with max rate 74 mm/hr.
20	17.7	14.1	13.1	3.7		1001.5	7	SSW	12	SSE	24		2.7	Cldy with slight rain till 1015. Torrential rain 1015-1035. Slight rain till 1100 then bkn cld and sunny ints.
21	20.3	10.2	7.4	0.3		1017.7	7	S	10	SSW	24		1.5	A mostly cldy day. Dry apart from a couple of slight showers in middle of day.
22	24.9	15.9	14.4	nil		1017.2	6	SSW	14	S	29		8.7	Cldy early then bkn cld and sunny periods. Hot and muggy.
23	29.4	13.1	9.8	11.3		1018.2	4	SSE	14	SSE	19		10.0	Cldy for a while mid-morning. Otherwise sunny, hot and sticky.
24	25.9	17.7	16.7	nil		1010.3	7	SSW	14	SW	24		3.9	Hvy rain and thunderstorms in early hours. A cldy start then bkn cloud and sunny periods.
25	33.6	14.0	11.8	0.2		1010.4	0	ESE	14	SSE	18		9.6	A stinking hot day. Sunny a.m. but increasing castellanus in aft as middle level instability triggered off.
26	23.2	17.4	14.8	1.1		1008.0	7	SW	9	SSW	14		1.4	A mostly cldy day with cloud slowly thickening. Spits of rain late aft/eve.
27	15.1	14.4	15.1	46.3		1007.1	8	NW	7	WNW	17		nil	After a dry-ish start it turned out a pretty wet day. Rain was mod/hvy 1045-1600.
28	16.2	12.8	11.4	12.2		1004.2		WNW	10	NW	19		nil	Torrential rain early with max rate 63 mm/hr
29	23.3	12.2	10.8	0.2		1007.7		SW	9	SSE	17		6.3	
30	21.2	13.7	10.8	33.7		1004.2	7	E	16	SSE	21		1.5	A dry morning and a wet afternoon/evening.
31	17.5	13.8	13.8	26.2		1007.2	8	SSW	9	SW	19		0.0	Rain for much of the day, sometimes moderate to heavy.
Total				159.0								0.0	109.1	
Mean	21.0	11.9	9.9			1014.8	6							
Highest	33.6	17.7	16.7						16		29			
Lowest	15.1	5.8	3.6						5		9			
Mean temp	16.5													