Daily observations - Tideswell - September 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	17.1	10.4	6.8	trace		1033.6	8	N	9	NNE	18		0.6	
2	19.4	11.1	10.7	0.1		1031.2		NE	12	ENE	22		2.0	
3	14.1	11.4	11.0	trace		1024.7	8	NE	10	ENE	18		nil	Grey and overcast all day. Spells of drizzle till about 1400 then dry.
4	16.7	11.0	8.6	trace		1020.8		ENE	7	ENE	12		nil	
5	23.8	10.9	8.6	trace		1022.0	7	E	9	SE	16		6.7	Low overcast early, gradually dispersed by late morning. The rest of the day was sunny.
6	25.0	13.5	11.2	trace		1022.7		WSW	7	WSW	11		3.4	
7	29.6	11.7	9.5	nil		1021.6	0	CALM	9	SSE	13		9.7	Radiation fog early soon burned off. A sunny, hot, sticky day with very little breeze. Hottest day of year
8	28.0	11.8	9.4	nil		1014.4	3	CALM	10	SSE	17		10.6	Another unpleasantly hot, sunny, sticky day.
9	23.8	15.2	13.3	9.0		1006.0		CALM	9	SSE	13		0.3	
10	21.9	15.7	15.3	3.4		1007.8		SW	7	WNW	12		0.5	
11	18.7	15.7	13.1	trace		1012.2	8	W	7	NW	14		0.3	A mostly cloudy, muggy day. Mostly dry though there were spits of rain now and again.
12	15.8	11.8	10.1	3.1		1018.5	7	W	7	ENE	13		0.3	A cldy day. Dry till about 1400 then intermittent very slight rain. Just enough to dampen hard surfaces.
13	16.5	10.8	10.5	2.6		1020.1	8	ESE	9	ENE	14		0.0	O'night rain/drizzle continued till late a.m. Dry aft with low cloud dispersing but middle/high cloud persisted.
14	14.5	11.2	9.2	0.8		1013.7	8	NE	5	N	12		nil	O'night rain continued till about 1000. Dry with a low overcast for remainder of the day.
15	19.7	10.9	8.1	nil		1014.3		NW	7	WNW	12		6.6	A dry day with broken cloud and sunny periods.
16	21.2	9.9	6.4	nil		1016.4	6	WNW	7	WSW	12		4.8	A dry day with broken cloud and lengthening sunny spells.
17	19.3	7.0	4.6	nil		1012.6		SSE	10	SSE	17		2.0	
18	22.3	8.2	6.2	1.6		1014.3		SSE	10	SSE	14		7.2	
19	18.6	11.7	8.9	nil		1013.5		WNW	10	NW	17		3.8	
20	19.8	6.7	3.0	0.2		1023.4		NE	9	WNW	16		9.8	
21	18.6	9.8	6.2	nil		1029.9		NW	9	NW	18		1.9	
22	19.2	9.3	4.8	0.2		1026.7		SW	10	WSW	18		3.9	
23	15.9	11.5	8.0	trace		1017.1		NW	12	NW	24		0.9	Early drizzle ceased by 0630. Then dry but mostly cloudy with only occasional sunny intervals.
24	19.9	10.3	7.2	0.4		1013.5	8	S	9	WSW	18		1.2	Slight rain/drizzle for much of the morning. Dry afternoon but remaind cloudy till towards sunset.
25	20.7	12.9	13.6	0.4		1013.5		W	5	S	12		0.5	
26	18.8	13.2	9.3	15.2		1009.0	4	S	16	SSE	25		3.2	A dry day with broken cloud and sunny periods.
27	14.9	9.5	9.3	0.7		1000.3	7	WNW	19	SSE	30		4.6	Hvy rain early. Cold front at 0635 with torrential rain 0635-0655. Mostly dry after 0900 with sunny periods
28	12.7	7.6	4.1	13.4		1013.6	8	SSE	16	SSE	27		nil	Overcast. Ocnl slight rain a.m. Mod/hvy rain in aft. Clear eve.
29	12.3	6.5	2.6	2.2		1015.7		NW	10	WNW	19		5.4	A day of mod/hvy blustery showers and sunny intrvals. Some small hail in afternoon.
30	14.3	6.3	1.7	15.8		1015.0	8	SSE	14	SSE	29		nil	O'cst all day. Long spells of rain, often slight but mod at times esp p.m. and briefly hvy. Max rate 11 mm/hr.
Total				69.1								0.0	90.2	It was the 2nd hottest September in my record going back to 1991 (The hottest was Sep 2006 with a mean temp of 15.1C). The 7th (max 29.6C) was the hottest day of 2021. It was also the hottest September day since before 1991. The previous hottest was 27.4C on the 15th last year. The sunshine total was very close to average but the 8th (10.6 hours) was the sunniest September day in my record. Much of the month was very dry but 47.3 mm in the last 5 days of the month brought the total up closer to average.
Mean	19.1	10.8	8.4			1017.3	7							
Highest	29.6	15.7	15.3						19		30			
Lowest	12.3	6.3	1.7						5		11			
Mean temp	14.9													