

Daily observations - Tideswell - October 2017

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	15.2	10.0	11.0	1.2		1007.0	8	S	14	SSW	25	nil	Spells of slight rain and drizzle all day with a persistent low overcast. Quite muggy.
2	12.9	10.6	8.8	1.8		1008.1	8	WSW	14	SW	26	1.7	Cloudy till early aft with ocnl slight rain. Dry after that with a few sunny intervals.
3	12.6	8.8	7.7	trace		1020.5		WNW	12	WNW	25	1.1	
4	13.4	7.8	6.4	14.9		1018.7	8	WSW	14	SW	29	0.0	Dry and cloudy a.m. Slight rain in afternoon, heavier in evening.
5	12.3	7.4	5.8	0.9		1015.0	1	WNW	17	WNW	36	4.5	Wet and rather windy overnight. Sunny start to the day but clouded over by midday. Showers in aft.
6	11.8	5.0	2.8	2.6		1026.5	6	WNW	10	WNW	19	5.4	Fine and sunny for much of the morning. Cloud increased late morning onwards. Slight rain in eve.
7	11.9	7.9	6.0	5.8		1014.5	7	WSW	10	S	22	nil	Overcast with slight rain for much of the time.
8	14.2	9.0	7.2	0.4		1019.3	7	WNW	9	NW	14	0.6	A dry day but mostly cloudy and rather gloomy. Only a few brief glimpses of sun.
9	12.9	10.4	9.5	3.3		1017.6	7	WNW	7	SSW	14	0.4	Cldy all day and rather gloomy at times. Slight drizzle till mid-morn then slight rain from late aft.
10	16.1	10.9	8.9	1.3		1011.0	8	WSW	10	WSW	21	0.3	Cldy all day. Slight rain at times from 0900. Continuous rain in aft sometimes mod/hvy. Fine eve.
11	12.8	11.0	8.9	5.2		1004.1	8	SSW	16	SSW	33	nil	Intermittent slight rain a.m. Continuous rain p.m., mod/hvy at times.
12	16.4	7.1	4.9	nil		1016.9	7	SW	12	WSW	27	4.2	A dry day but extensive thick high cloud and patchy middle cloud limited the sunshine.
13	17.4	9.1	10.6	1.3		1015.5	7	SSW	12	SSW	26	0.1	
14	19.6	14.8	12.8	nil		1019.9		SSW	10	SSW	24	2.1	
15	17.3	11.9	9.8	nil		1014.6		S	10	SSW	18	2.2	
16	17.8	12.7	10.9	nil		1011.3		SSE	26	SSE	43	1.9	
17	13.1	8.9	6.8	nil		1014.3	2	SW	19	SSW	30	6.0	Mostly sunny a.m. Thick high cloud p.m.
18	10.7	2.9	0.0	6.3		1013.7	7	E	7	E	13	0.2	
19	13.1	7.3	7.4	13.7		1005.0	8	SE	16	SSE	25	nil	Not a nice day. Slight to moderate rain a lot of the time with fog from time to time. Very dark in aft.
20	12.3	8.7	6.1	2.8		999.8	8	WNW	16	S	26	0.0	
21	10.7	8.1	6.3	27.1		994.0	7	S	23	S	35	0.1	
22	9.8	7.3	7.0	0.8		1006.7	8	W	16	W	30	0.0	Slight rain till about 1300 then cldy but dry. First day of the season with max below 10°.
23	14.0	7.4	4.9	0.7		1014.6	8	SSE	14	WSW	21	0.0	Low overcast all day with slight drizzle from time to time, mostly in morning.
24	16.7	9.9	8.5	4.1		1011.5		SSW	16	SSW	38	0.2	
25	13.9	9.1	6.9	nil		1017.1	6	WSW	16	SSW	29	4.4	A very pleasant day with broken cloud and sunny intervals.
26	12.4	7.6	3.7	0.2		1023.2	8	WNW	9	WNW	19	nil	Cloudy all day. Dry a.m. but a little rain now and again p.m.
27	11.6	4.1	-0.1	0.3		1034.0	0	W	12	WNW	24	7.6	A splendid day. Sunny a.m. Sunny/clear spells p.m.
28	12.1	6.8	3.8	5.4		1024.9	8	W	16	WNW	31	nil	Grey and gloomy with a low overcast all day. Slight rain and drizzle for much of the time.
29	11.1	7.7	5.2	nil		1023.0	7	N	16	WNW	30	0.8	Some early showers then dry with sunny spells.
30	8.8	-0.2	-3.6	nil		1031.7	8	WNW	5	WSW	9	2.3	Extensive high/middle cloud limited the sunshine.
31	12.8	2.9	3.3	0.2		1023.3	8	WSW	9	WSW	14	nil	Dry but with extensive middle/high cloud.
Total				100.3							0.8	50.3	
Mean	13.5	8.2	6.4			1015.4	7						
Highest	19.6	14.8	12.8						26	43			
Lowest	8.8	-0.2	-3.6						5	9			
Mean temp	10.8												

A fairly average month overall. It was the warmest October since 2012 but only 0.1° warmer than 2013. The max gust of 43 knots on the 16th is the highest October gust I have recorded here. The previous highest was 38 knots in 2010. The slight air frost on the morning of the 30th was the first October air frost since 2011.