Daily observations - Tideswell - July 2015

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	31.1	15.6	11.8	nil		1010.9	1	SE	10	SSE	18		5.9	Exceptionally hot and humid, especially p.m. Thunderstorm 1230-1300. Lightning to N 2130-2200.
2	21.3	15.4	14.0	4.0		1015.2	8	W	10	NW	19		1.9	Some sun but a lot of cloud. Rain late aft, some mod/hvy.
3	24.2	8.0	5.7	14.7		1025.7	4	SSE	10	ENE	18		10.0	Long sunny spells. Clouded over late in day. Brief sharp shower 2130.
4	23.5	13.8	11.7	nil		1014.2	8	SW	10	SSW	21		4.8	Spectacular thunderstorm 0130-0200. Max rain rate 90 mm/hr. Broken cloud and sunny periods by day.
5	21.8	7.6	5.3	1.7		1016.3	8	SSE	10	SSW	17		3.4	Mostly cldy till mid-aft. Rain 1430-1500 then sunny spells. Rumble of thunder 1510. Fine coolish evening.
6	16.2	8.2	5.8	1.2		1016.5	8	SSW	10	SSE	17		2.6	Early sun then clouding over with int slt rain.
7	18.3	13.4	12.1	1.5		1004.6	6	SSW	12	SW	24		3.2	Early showers then sunny intervals.
8	14.6	11.1	10.3	0.7		1006.3	7	NW	10	NW	24		2.2	
9	18.6	8.2		NIL		1022.0		NW	7	NW	14		8.1	
10	25.2	8.4		NIL		1019.3		SSE	10	SSE	17		5.3	
11	19.4	14.1		2.9		1013.9		SW	9	SSW	19		1.4	
12	18.6	12.6		1.4		1012.7		N	9	SSW	24		1.9	
13	17.7	10.1		12.9		1011.8		S	9	SW	19		NIL	
14	19.9	13.2		NIL		1015.7		CALM	3	WNW	11		1.7	
15	18.0	12.8		NIL		1018.0		NW	7	NW	18		9.6	
16	20.6	7.4		0.4		1018.5		E	7	E	17		5.3	
17	19.2	13.2		NIL		1006.6		SSW	10	SW	25		4.1	
18	19.8	9.7		1.8		1013.1		SW	9	SW	25		5.9	
19	17.0	11.1		NIL		1005.8		WNW	9	NW	21		5.8	
20	19.7	7.1		NIL		1008.2		SSE	9	S	21		1.4	
21	19.1	11.4		NIL		1008.0		SSW	10	SSW	24		0.7	
22	15.2	11.2		NIL		1002.2		S	5	NW	14		1.5	
23	15.8	6.8		NIL		1016.0		SW	5	SSW	14		1.2	
24	14.6	6.1		NIL		1012.8		NNE	2	E	13		0.3	
25	17.2	8.5		NIL		1012.5		NNW	9	NNW	18		6.6	
26	13.9	5.7		NIL		1006.3		SSE	7	SSE	18		1.1	
27	15.2	11.7		NIL		996.2		SW	5	NW	18		NIL	
28	14.7	10.1		NIL		1001.7		NW	9	NW	19		0.7	
29	16.4	7.7		NIL		1009.0		WNW	7	NW	17		5.1	
30	15.8	8.6		NIL		1017.1		NW	10	NW	24		3.0	
31	19.3	4.0		NIL		1018.5		SW	5	S	16		5.0	
Total				43.2								0.0	109.7	
Mean	18.8	10.1				1012.1	6							A dry, rather dull and cool month. The max temp of 31.1 on the 1st was, by some margin, the highest since I started recording in 2009. The previous highest was 29.2 on 18 July 2013. A remarkable feature is that the max temp occurred under cloudy skies.
Highest	31.1	15.6							12	SW	25			
Lowest	13.9	4.0	0.8						2		11			
Mean temp	14.4													