

Oct 2016 date	Total cloud	Wind		Present Weather	Visibility	Temperatures (°C)									0900 mb Press	state of ground without snow	state of ground with snow	Snow Depth Whole cm	Rainfall 09-09h Thrown back mm & 10ths	Sunshine	Weather 00 hrs - 24 hrs			
		Dir. Whole deg.s	speed knots			Dry bulb	Wet bulb	Max thrown Back	Min	Grass	Conc	Soil									snow sleet	Hail/Ice	Thunder	Gale
												30cm	50cm	100cm										
01	6	090	05	02	8	9.7	8.5	13.8	6.0	3.2	5.0	13.4	14.0	14.4	1007	1			TR(fe)	2.0	0	0	0	0
02	2	070	02	41	3	7.4	7.1	15.2	2.1	-1.1	0.8	12.6	13.8	14.3	1018	1			0.0	7.6	0	0	0	0
03	5	000	00	02	8	7.7	7.1	16.2	4.0	0.1	2.1	12.4	13.4	14.0	1029	1			0.0	7.2	0	0	0	0
04	6	090	05	02	7	14.8	12.3	17.9	7.6	4.0	5.5	12.3	13.0	13.7	1033	1			0.0	3.6	0	0	0	0
05	4	070	09	02	7	13.1	11.7	15.3	9.5	5.8	6.6	12.4	13.0	13.6	1035	1			0.0	6.8	0	0	0	0
06	2	090	05	02	8	10.0	8.7	14.0	5.6	0.8	2.3	12.0	12.9	13.4	1032	1			0.6	8.1	0	0	0	0
07	7	070	09	02	7	10.8	10.2	13.3	9.7	7.2	7.3	12.0	12.6	13.4	1026	1			0.0	1.8	0	0	0	0
08	2	070	05	02	8	10.7	9.6	13.7	8.6	6.8	7.8	12.0	12.6	13.3	1031	1			0.0	3.6	0	0	0	0
09	1	050	02	02	8	8.8	7.8	13.3	6.2	3.4	4.5	12.0	12.5	13.1	1032	1			TR	3.1	0	0	0	0
10	4	070	02	02	9	8.4	7.3	12.3	5.3	1.1	3.0	11.6	12.3	12.9	1030	1			TR	2.7	0	0	0	0
11	7	050	05	80	6	9.8	9.4	11.4	6.8	1.7	4.0	11.3	12.2	12.8	1028	1			0.3	0.1	0	0	0	0
12	8	050	05	80	7	8.8	8.1	11.8	6.8	3.4	4.8	11.4	12.1	12.7	1027	1			0.9	0.1	0	0	0	0
13	4	070	05	02	7	9.1	8.6	12.2	7.6	5.4	5.6	11.3	11.9	12.5	1020	1			2.4	1.5	0	0	0	0
14	8	090	05	02	7	9.8	8.8	11.7	7.8	5.3	6.6	11.3	11.8	12.5	1009	1			0.3	0.0	0	0	0	0
15	8	070	05	25	6	10.5	9.8	14.7	8.6	7.0	7.8	11.2	11.8	12.3	1004	1			0.2	1.7	0	0	0	0
16	8	140	05	03	7	10.1	8.7	15.0	6.4	4.2	6.0	11.0	11.8	12.2	1008	1			6.6	1.8	0	0	0	0
17	6	200	09	25	7	10.6	10.3	14.0	9.4	6.0	7.2	11.2	11.6	12.2	1009	1			9.4	3.2	0	0	0	0
18	3	230	05	02	8	6.3	5.8	9.3	5.6	3.3	4.8	11.3	11.8	12.1	1014	1			4.4	0.5	0	0	0	0
19	2	200	02	02	8	7.0	6.7	11.8	5.0	-0.1	2.1	10.7	11.3	12.0	1023	1			TR	2.0	0	0	0	0
20	6	200	02	02	6	8.0	7.8	13.0	5.9	3.2	3.8	10.4	11.1	11.8	1025	1			0.1	2.1	0	0	0	0
21	8	090	02	02	7	7.3	6.9	11.4	6.3	4.2	5.3	10.4	11.1	11.8	1022	1			0.1	0.0	0	0	0	0
22	7	070	09	02	7	8.4	7.9	10.6	4.8	1.0	2.3	10.3	11.0	11.7	1020	1			0.9	0.4	0	0	0	0
23	2	070	05	02	8	5.8	5.1	9.4	4.5	0.4	2.7	10.0	10.7	11.2	1018	1			0.7	4.1	0	0	0	0
24	6	070	05	80	7	6.0	5.7	9.8	3.2	-0.5	0.8	9.3	10.4	11.3	1017	1			0.5	0.7	0	0	0	0
25	1	070	02	02	7	4.5	3.9	13.5	2.4	0.2	0.9	9.3	10.2	11.2	1023	1			0.2	4.9	0	0	0	0
26	8	230	13	02	7	11.1	10.2	12.8	4.4	1.6	2.0	9.3	10.0	10.9	1022	1			TR	0.0	0	0	0	0
27	8	230	13	80	7	12.7	10.8	13.4	10.9	7.0	8.2	10.0	10.2	10.8	1024	1			0.6	0.0	0	0	0	0
28	5	230	09	02	7	9.7	8.7	12.1	9.2	6.8	7.2	10.5	10.4	10.8	1031	1			0.1	1.6	0	0	0	0
29	8	200	02	02	6	11.9	11.4	13.1	8.3	3.9	4.9	10.3	10.6	10.8	1034	1			1.1	0.0	0	0	0	0
30	8	180	02	02	7	10.4	9.5	12.9	10.2	9.4	9.5	10.7	10.7	11.0	1030	1			0.0	0.0	0	0	0	0
31	9	180	02	43	4	9.8	9.6	11.8	7.4	2.3	4.4	10.7	11.0	11.1	1027	1			0.5	1.3	0	0	0	0

		Max	Min	Grass	Conc	30cm	50cm	100cm	Press		Rainfall	Sun	SI/Sn	Hail	Th	Gale
Total		400.7	206.1	107.0	145.8						29.9	72.5	0	0	0	0
Mean		12.9	6.6	3.5	4.7	11.1	11.7	12.3	1023		2.4					

Highest max °C	17.9	on:	4th
Lowest max °C	9.3	on:	18th
Lowest min °C	2.1	on:	2nd
Highest min °C	10.9	on:	27th
Grass Min °C	-1.1	on:	2nd

Number of days with:	
Air min below 0.0°C	0
Grass min below 0.0°C	3
Concrete min below 0.0°C	0

Rainfall	Total	%	10yr Avg
	29.9		30.0
Greatest fall in 24 hrs 09-09h:	9.4	On:	3rd
Number of days with 0.2 mm or more:	16		
Number of days with 1.0 mm or more:	5		
Number of days with 5.0 mm or more:	2		

Mean Max °C	12.9
Mean Min °C	6.3
Mean °C	9.6

Wind Direction 0900hrs								
N	NE	E	SE	S	SW	W	NW	Calm
0	14	5	1	2	8	0	0	1

Max Gust
42mph - 17th
Mean Wind Speed
5.1mph

Fog at 0900hrs
1

Sunshine	
Total	72.5
Sunniest	8.1.hrs 6th
Days no sun	5

Pressure		
Mean	1023	at obs
High	1035.2	4th
Low	1004.2	15th

October 2016 - A very dry month with just 29.9mm or 30% of normal rainfall, making this October the 2nd driest on record. Sunshine was just below average. Mean temperatures were slightly below normal, overall mean -0.4c below the long term mean. Wind direction was key to the dry month with winds being dominant from the North East

Date	Before 0900hrs	After 0900hrs
01/10/2016	Sunny Spells	Dry day sunny spells
02/10/2016	Misty at first sunny	Dry day sunny spells
03/10/2016	Thin High Cloud	Dry day sunny spells
04/10/2016	Overcast Milder	Dry day sunny spells, warmer
05/10/2016	Dry Mild	Dry Day sunny periods
06/10/2016	Sunny	Sunny Spells
07/10/2016	Sign of Rain O/N	Dry day mainly cloudy
08/10/2016	Sunny	Sunny periods light winds
09/10/2016	Mist Irthing, sunny	Dry Am, shower PM
10/10/2016	Sunny	Sunny spells, shower 5pm
11/10/2016	Shower at Obs	Occ showers cold
12/10/2016	Shower at Obs	Occ showers cold
13/10/2016	Shower O/N and AM	Occ showers some heavy
14/10/2016	Rain O/N Cloudy	Light shower mainly cloudy
15/10/2016	Dry Cloudy	Light shower mainly cloudy
16/10/2016	Cloudy after bright st	Rain AM, sunny PM
17/10/2016	Rain O/N and AM	Dry day shower Eve
18/10/2016	Rain O/N, dry Obs	Dry A, Heavy rain noon
19/10/2016	Dry sunny start	Dry day clouded over
20/10/2016	Sign of shower O/N	Sunny Spells, shower later
21/10/2016	Cloudy	Cloudy all day, clear eve
22/10/2016	Shower O/N	Occ Showers, clear eve
23/10/2016	Shower after MN, sunny	Sunny Spells, showers
24/10/2016	Showers, Rain Obs	Occ showers, cool
25/10/2016	Sunny Cold	Sunny day, cloudy later
26/10/2016	A little rain, milder	Occ Showers
27/10/2016	Cloudy a few spits	Cloudy Occ shower Eve
28/10/2016	Rain O/N, fresher	Mainly cloudy
29/10/2016	Shower O/N Cloudy	Cloudy light drizzle Misty
30/10/2016	Dry mild Cloudy	Cloudy Mild
31/10/2016	Fog thinning cooler	Dry Day, mainly cloudy