Year / Hour	Month / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES (Thermometer No. 122) At depth 10 cm	At depth 20 cm	At depth 30 cm	At depth 50 cm	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
2011/12 Dec. 2011	Oct/Jan																			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	19	4	11	05	02	7	-3.4	-3.5	-0.9	-8.2	-12.9		15.1		3.7	25.9	6.7	—	7	5
MON	20	9	14	02	47	2	-5.4	-5.6	-0.1	-9.3	-15.1		14.2	6.4	3.2	22.3	6.6	—	7	5
TUES	21	9	36	02	47	1	-3.6	-10.9	-4.0	-11.9	-15.5		12.8		2.9	16.5	6.6	—	7	5
WED	22	1	23	05	02	6	-9.5	-9.4	-8.0	-10.1	-14.1		13.5		2.5	14.9	6.5	—	7	5
THUR	23	0	23	02	02	6	-8.4	-8.6	-2.6	-9.9	-13.5		13.8		2.2	16.9	6.3	—	8	5
FRI	24	1	20	02	02	7	-6.9	-7.0	-2.1	-8.7	-13.3		12.3		1.9	19.6	6.1	—	8	5
SAT	25	2	20	05	02	7	-10.9	-11.0	-0.5	-11.6	-15.0		13.1		1.6	12.4	6.0	—	8	5
SUN	26	8	14	05	02	8	3.1	1.4	4.5	-10.9	-13.2		14.9		1.2	37.6	5.7	—	8	4
MON	27	7	16	09	02	6	6.8	6.2	7.0	3.0	1.1		15.9	5.4	1.2	44.2	5.6	4	—	—
TUES	28	6	23	05	02	6	8.6	8.1	8.8	6.5	2.6		17.9		1.2	47.5	5.3	1	—	—
WED	29	8	18	05	62	6	8.9	8.3	10.8	8.5	6.9		17.5		1.3	48.0	5.2	1	—	—
THUR	30	8	14	05	10	5	7.4	7.2	9.6	7.3	4.4		18.5		1.9	45.3	5.2	1	—	—
FRI	31	7	00	00	10	5	5.7	5.6	8.3	5.6	4.6		17.6		2.7	42.3	5.4	1	—	—
SAT	1/1/11	8	34	05	10	5	6.2	6.0	7.0	4.9	2.0		17.7		2.5	43.2	5.6	1	—	—

wick + water freeze

* These entries are 'thrown back' on Metform 3208B

Thermometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h: Cup-counter reading not reported	RUN OF WIND 09h-09h: Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
0.0	991.8	998.0	2.0	prob. light snow early hrs. bt at obs, cold, light breeze/breeze cold. after obs, cold day, some sun aftn. 20:49 clear, cold.	
0.0	997.3	1003.8	0.0	foggy but obs 9 at obs, foggy, cold, almost calm/foggy, cold day. 18:05 moon clear.	
0.0	999.7	1006.4	0.0	00:35 clear, moonlit, cold - rime on cage 9 at obs, thick fog, almost calm/cold foggy day. 19:01 cold, foggy. duck on Mall.	
0.0	1006.3	1012.8	1.8	rime on cage bt obs, sunny, cold/sunny prob most of day. cold. 22:36 clear sky, moonlit, cold.	not - Rooster frostal + cord not burning.
0.0	1013.6	1020.3	3.3	bt at obs, cold/cold day. prob sunny in morn (cord not burny). sunny aftn. cold even.	
0.0	1019.4	1026.3	5.4	bt at obs, cold, sunny/mainly sunny day, cold. 18:10 clear sky, cold.	
0.0	1023.4	1030.4	3.9	bt at obs, cold/cold day, sunny prob most of day. 21:56 clear sky, cold.	
11.7	1018.3	1024.5	0.0	rain early hrs. at obs, thaw, some, light breeze/mild day. 12:49 beginning to rain - prob light rain most of day. 09:59 mindaps	
3.8	999.3	1005.1	0.0	some rain early hrs at obs, mild, thawed, breeze/cloudy, mild - cool day. 19:42 rain, mild, some cloud	
4.3	1000.9	1006.2	0.0	rain early hrs at obs, mild, light breeze/cloudy day.	
3.7	1008.7	1014.2	0.0	rain early hrs. at obs, mild, light breeze/raining most of morn after obs. cloudy day. 17:51 mainly clear sky, cold	
0.1	1020.0	1025.3	0.0	at obs, mild - cool, light breeze, mist/ 11:54 becoming foggy. foggy day.	
0.2	1022.6	1028.2	0.0	at obs cool calm, mist/mild - cool, cloudy day. feeling cold in even.	
0.3	1022.7	1028.3	0.7	drizzle/min bef. obs. at obs, mild, drizzle, light breeze/	some rain late aftn. mainly cloudy day, some short sunny spells. cold even.

ATT 122 °F
THERM cm

Year / Month / Hour	Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
JAN	2011																			
SUN	2	8	34	02	02	6	1·0	0·2	6·4	0·8	-0·6		17·1		3·6	33·8	5·7	1	—	—
MON	3	2	20	05	02	7	-1·5	-2·5	2·2	-2·0	-7·0		16·2	5·6	3·5	29·3	5·8	1	—	—
TUES	4	8	23	19	02	7	4·4	3·5	4·7	-1·8	-6·3		16·8		3·2	39·9	6·0	1	—	—
WED	5	7	23	19	60	7	2·6	1·5	5·6	1·1	-1·6		16·6		3·6	36·7	5·9	1	-	—
THUR	6	4	34	05	02	7	0·9	0·6	5·4	-0·4	-5·1		16·2		3·5	33·6	5·9	1	—	—
FRI	7	9	32	02	47	1	-4·4	-4·5	5·0	-6·3	-10·7		14·8		3·1	23·9	5·8	4	—	—
SAT	8	1	25	05	02	6	-0·7	-1·0	1·0	-4·4	-6·5		15·1		2·6	30·7	5·7	—	6	tr
SUN	9	0	23	05	02	7	0·3	-0·2	3·1	-0·8	-3·3		14·9		2·5	32·5	5·6	4	—	—
MON	10	7	07	05	02	6	3·1	2·6	5·0	0·1	-2·1		14·9	5·4	2·5	37·6	5·6	4	—	—
TUES	11	1	25	05	02	7	1·1	0·7	6·3	1·0	-3·5		16·4		3·0	34·0	5·5	1	—	—
WED	12	7	23	05	02	6	9·6	8·9	10·1	0·9	-3·0		17·1		3·3	49·3	5·5	1	—	—
THUR	13	7	23	09	02	6	10·6	9·7	11·5	9·4	7·5		18·0		4·5	51·1	5·5	1	-	—
FRI	14	3	23	13	60	7	7·7	6·2	11·1	7·6	5·4		17·1		5·3	45·9	5·6	1	—	—
SAT	15	8	23	24	50	6	11·3	10·7	11·4	5·5	2·5		17·0		5·5	52·3	5·9	1	—	—

wick + water frozen

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h ~~Cup-counter reading not reported~~	~~Diff. from prev's day~~	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
tr×	1026·0	1031·3	0·0	0 at obs, cold, almost calm / cloudy, cold day.	
1·1	1021·2	1027·4	4·7	b at obs, cold, frost, light breeze / sunny morn + early aftn, cold day, cold even.	↗ rain late even.
2·8	1002·9	1008·6	0·0	0 at obs, breezy, cold / cloudy, cold breezy day, rain late aftn + even.	↗ 18:44 breezy cool.
0·1	986·0	991·6	1·2	c at obs, cold breeze / 09:27 raining, some rain in aftn. cloudy day, some sunny spells mainly in aftn.	↗ 18:35 cool, some cloud.
tr×	991·5	997·3	6·0	bc at obs, cool, light breeze / sunny, cold day, few bits of rain in aftn	↗ 17:20 clear sky, cool
1·7	995·8	1002·0	0·0 ✱	9 at obs, thick fog, frosty, almost calm / cold day. 16:34 raindrops, 17:55 sleet, 18:15 snowflakes	
0·6	988·4	994·5	2·9	b at obs, cold, light breeze / clouding over late morn, 12:49 snowflakes. some rain in aftn + even	↗ 18:11 mostly clear sky, cold, breezy.
tr	1002·3	1008·5	4·5	b at obs, cold, light breeze / mainly sunny morn, cloudier aftn. 19:37 cool breeze.	↗ 21:18 clear, cool breeze.
4·4	997·4	1003·4	0·0	c at obs, mild, light breeze / cloudy day, 12:14 light drizzle, 14:16 raindrops. mainly on/off light rain mostly aftn + even	
1·4	1002·5	1008·3	4·3	b at obs, cool, light breeze / sunny morn, cloudy over early aftn.	↗ 19:54 cool, some cloud. 22:44 breezy, cloudy, cold (frost?)
4·1	997·7	1003·2	0·0	c at obs, mild, light breeze / cloudy, cool day. 17:59 light drizzle. mild - cool early. only a few bits rain	↗ 21:00 mild, some cloud. mist of even.
1·0	997·9	1003·2	0·0	c at obs, mild, calm breeze / cloudy, mild day. 12:22 few raindrops. rain early hrs	mild early even.
2·1	994·5	1000·0	3·7	08:20 breezy, raindrops. bc at obs, mild, breezy / mild - cool day.	↗ Short sunny spells after obs. Sunnier aftn, occasional breezy. 17:53 cool, mainly clear, cool breeze. 22:30 breezy
7·8	990·5	995·9	0·0	02:00 breezy, precip. cloud / hrs. drizzle bulb obs. 0 at obs, mild, breezy / cloudy day. on/off rain in aftn + evening.	

tr× too small to collect. ✱ glass ball icy - wiped clear

ATT 122 °F

Year 2011 Hour	Month JAN Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	Therm cm SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	16	6	20	24	02	6	8.7	7.0	12.3	8.6	6.4		18.0		6.2	47.7	6.1	1	—	—
MON	17	1	23	09	02	7	2.5	2.0	10.3	2.4	0.7		16.6	6.0	6.1	36.5	6.2	1	—	—
TUES	18	1	20	05	02	7	0.6	0.2	6.9	0.3	-3.6		16.7		5.2	33.1	6.6	1	—	—
WED	19	1	25	02	02	7	-2.3	-2.5	6.8	-2.5	-8.0		15.6		4.6	27.9	6.4	4	—	—
THUR	20	1	23	02	02	7	-4.5	-4.5	7.1	-5.5	-10.5		13.6		3.9	23.9	6.3	4	—	—
FRI	21	1	18	02	42	4*	-4.7	-4.8	4.8	-5.7	-8.8		14.4		3.2	23.5	6.2	4	—	—
SAT	22	6	20	02	02	6	0.1	-0.3	3.7	-5.0	-7.6		13.7		2.9	32.2	6.1	4	—	—
SUN	23	9	18	02	47	1	0.3	0.3	3.4	0.1	-3.1		13.7		2.8	32.5	5.9	1	—	—
MON	24	6	23	05	02	7	3.1	2.7	5.0	0.3	-1.2		15.1	5.6	3.2	37.6	5.7	1	—	—
TUES	25	8	25	09	50	6	7.6	7.2	8.1	3.1	2.6		17.2		3.9	45.7	5.7	1	—	—
WED	26	5	07	05	02	7	2.0	1.6	8.5	1.9	-1.9		17.1		4.5	35.6	5.7	1	—	—
THUR	27	3	02	02	10	5	1.1	1.0	7.1	-0.9	-5.5		16.2		4.1	34.0	5.7	1	—	—
FRI	28	7	05	05	02	7	1.6	0.4	6.6	1.0	-0.8		15.8		4.1	34.9	5.8	1	—	—
SAT	29	6	05	02	02	7	0.8	0.0	4.2	0.4	-2.3		15.1		4.1	33.4	5.8	1	—	—

Frozen with thermometer

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h ~~Cup-counter reading not reported~~	~~Diff. from prev's day~~	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
0.1	997.3	1002.6	3.0	some rain early hrs. c at obs, cold breeze / mild - cool day, sunny spells, rain early even	
tr*	1011.7	1017.5	6.7	b at obs, cold, breeze / cold day, warm sun, mainly sunny, cold, clear early even	
0.0	1023.6	1029.6	7.0	b at obs, frosty, cold, light breeze / cold, sunny day, 19:03 clear, cold, moonlit, cold even.	
0.0	1029.7	1035.9	7.2	b at obs, cold, frosty, almost calm / sunny, cold day, cold, clear early even	
0.0	1032.0	1038.9	5.4	b at obs, cold, frosty, almost calm / mainly sunny, cold day, 19:00 clear, cold	
0.0	1035.3	1042.2	5.2	b at obs, cold, frosty, light, almost calm / mainly cold, sunny day, 20:57 * cold, clear, moonlit	
0.2	1036.1	1042.8	0.0	c at obs, cold, frosty, almost calm / fog / mist most of day, cold	
tr*	1035.2	1041.9	0.1	9 at obs, cold, fog, almost calm / cloudy, cool day, mist, cloud 20:57	
0.4	1031.9	1038.2	0.4	c at obs, cold, light breeze / mainly cloudy, cool day, 14:05 fine drizzle, 17:49 cool, cloud, cool even.	
2.0	1017.1	1022.7	0.0	drizzle bef. obs, c at obs, mild, breeze / cloudy, mild day, on/off drizzle in morn, 11:19 drizzle, 12:55 rain / drizzle, 13:32 drizzle, 17:47 light drizzle	
0.3	1012.9	1018.7	2.9	b c at obs, cool, light breeze / mainly sunny morn, cloudy afts, mild - cold day, 19:57 clear, cold	
tr*	1019.7	1025.7	3.8	rain early morn b s c at obs, cool, almost calm / mainly sunny morn, sunny early afts, cool day, 22:24 cloud, cold	
0.0	1022.6	1028.6	0.0	c at obs, cool, light breeze / cool, cloudy, dry day, 20:47 cloud, mist	
tr*	1021.3	1027.6	0.0	c at obs, cold, almost calm / cloudy, cold day, fog clear, frost in afts, 21:46, cloud, cold.	

tr* - too small to collect

Barometer

Year / Month / Hour / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	At depth 50 cm	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
2011 JAN FEB																			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN 30	8	23	05	02	6	1·4	0·2	3·0	0·4	-4·2		14·0		4·0	34·5	5·7	1	–	–
MON 31	7	18	19	02	7	2·9	1·4	4·1	1·2	-0·7		16·1	5·6	4·0	37·2	5·7	1	–	–
TUE 1/2	4	20	13	02	6	5·6	5·0	8·8	2·9	1·9		17·1		4·4	42·1	5·7	1	–	–
WED 2	8	20	24	60	6	10·7	9·4	10·9	5·5	2·0		17·8		4·8	51·3	5·8	1	–	–
THU 3	1	20	13	02	7	2·3	1·5	12·1	1·9	-0·3		16·5		5·1	36·1	5·9	1	–	–
FRI 4	8	23	30	61	6	11·1	10·0	11·3	2·1	0·9		17·6		5·1	52·0	6·0	1	–	–
SAT 5	8	23	09	60	7	6·6	5·7	12·8	6·1	5·0		16·6		6·0	43·9	6·1	1	–	–
* SUN 6	8	00	00	63	3	5·2	5·0	8·5	5·0	3·8		17·4		6·0	41·4	6·2	2	–	–
MON 7	8	32	05	62	7	3·0	2·5	10·2	2·8	2·3		17·3	6·0	6·0	37·4	6·2	2	–	–
TUE 8	4	20	05	02	7	2·0	1·2	8·0	0·8	-3·0		20·0		5·6	35·6	5·9	1	–	–
WED 9	8	20	13	50	6	9·6	8·6	9·8	2·0	-0·1		17·9		5·6	49·3	6·4	1	–	–
* THU 10	9	23	05	47	2	1·1	1·0	10·7	0·9	-3·6		17·1		6·1	34·0	6·5	1	–	–
FRI 11	8	14	05	60	7	7·5	6·5	9·8	1·0	-1·6		17·5		5·7	45·5	6·5	1	–	–
* SAT 12	9	23	05	45	3	0·3	0·2	9·0	0·2	-0·8		15·1		5·7	32·5	6·5	1	–	–

* These entries are 'thrown back' on Metform 3208B

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h Cup-counter reading not reported	RUN OF WIND 09h-09h Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
0·0	1019·7	1026·0	2·1	0 at obs, cold, light breeze/ cold day, some sunny spells 20:15 cold, cloud	
1·4	1017·7	1023·7	0·0	c at obs, cold breeze/cloudy, cold day, 16:00 rain drops, 17:31 raindrops, 22:50 cloud, breezy, drizzle, 23:44 some cloud, mild	raining for a while in eve. sometimes breezy day, cool-cold
0·3	1014·5	1020·3	5·1	bc at obs cold breeze/sunny spells in morn-mainly sunny afts, some rain early hr, breezy, but obs (window) 19:19 raindrops, da rw) rain inc 17:30 - 18:00 approx.	
3·4	1005·8	1011·1	1·2	0 at obs, mild, breezy/mild-cool day, 17:54 raindrops, breezy day 16:59 raindrops 18:43 clear sky, breezy, raindrops	
6·5	1011·2	1017·2	2·5	bc at obs, sunny, cool/sometimes breezy day, strength of hr, rain between 19:30 & 20:00 approx, rs/o + rr 14:00 - 17:00 approx, breezy day	
7·1	994·5	999·8	0·0	prob ir + rs/o 04:10 approx - obs, 0 at obs, rain, cold breeze, / becoming milder. cloudy day, ir + rr + ir. 21:30 approx to 00:00, mainly rs/o 00:00 - obs	
12·9	1002·5	1008·3	0·0	0 at obs mild breeze/mild-cool day, mainly rs/o 14:40 to prob 20:40, cloudy day,	
24·0	1002·7	1008·4	0·0	prob rs/o (00:20 approx then rr to obs 00:00) 0 at obs, sunshine, cool, rain, / cloudy, mild-cool day, rr 00: 00-02:40 approx, ir + ir. 07:45 approx - obs	rr obs - 11:20 approx, rr 23:30 approx - 00:00
0·2	991·3	997·0	2·6	0 at obs, cold, breezy, rain/mild-cool day, sunny spells in afts, 20:10 raindrops then rain, 21:30 approx, cool, cloudy	some rain in afts-prob mainly 15:30, 20:45 clear, cold
1·8	1013·8	1019·1	0·9	bc at obs, cold, foggy, light breeze/mild-cool day, mainly cloudy, rs/o + rr 14:00 - 20:40 approx, then ir to 21:00 approx	
7·0	1004·2	1009·5	0·0	0 at obs, breezy, cold/cloudy, cool day, 17:21 raindrops, cold, 20:17 approx	
0·3	1007·6	1013·3	6·2	9 at obs, cold, foggy, fog, light breeze/fog, light, quickly after obs, sunny, cool day, some short outish rain in eve, mild early, even	mainly clear, cold
2·3	1000·4	1005·9	0·0	0 at obs, cold, light breeze/cloudy, mild-cool day, mainly rs/o 10:40 - 15:00 approx, 21:28 cold, breezy	
11·7	1004·0	1010·2	4·4	9 at obs, cold, fog, light breeze/cool day, sunny from 10:00 - 14:30 approx, mainly rs/o 20:20 - 01:40 approx, then rr to 03:35 approx	

on 13th

Barometer

pd. 14/10/09 8 8 4 7

c. am cloudy p. am dry

pm mainly pm mainly dry

pd 15/10/09

20:18 cloudy, rain end

c. am cloudy p. am dry

pm " pm mainly dry.

SAT	19	6	20	05	02	6	6.9	6.3	10.6	6.1	2.7		14.4										
SUN	20	7	11	13	02	6	7.7	6.7	11.0	4.9	2.3		16.9		5.9	45.9	6.5	1	–	–
MON	21	7	18	05	02	6	6.9	6.3	10.0	6.6	4.8		17.5	6.3	6.2	44.4	6.6	1	–	–
TUES	22	8	20	09	02	6	7.6	6.7	11.1	5.6	1.4		17.8		6.4	45.7	6.6	1	–	–
WED	23	8	23	13	02	7	11.9	10.9	12.0	7.5	6.9		18.3		7.0	53.4	6.7	1	–	–
THUR	24	3	23	09	02	7	10.4	8.6	14.0	9.6	7.4		14.8		7.5	50.7	6.9	1	–	–
FRI	25	5	23	09	02	7	9.9	8.3	13.3	9.7	7.4		19.0		7.9	49.8	7.0	1	–	–
SAT	26	1	25	05	02	7	5.6	4.5	12.8	4.3	0.3		16.7		7.7	42.1	7.2	1	–	–

SAT	19	6	20	05	02	6	6.9	6.3	10.6	6.1	2.7		14.4										
SUN	20	7	11	13	02	6	7.7	6.7	11.0	4.9	2.3		16.9		5.9	45.9	6.5	1	–	–
MON	21	7	18	05	02	6	6.9	6.3	10.0	6.6	4.8		17.5	6.3	6.2	44.4	6.6	1	–	–
TUES	22	8	20	09	02	6	7.6	6.7	11.1	5.6	1.4		17.8		6.4	45.7	6.6	1	–	–
WED	23	8	23	13	02	7	11.9	10.9	12.0	7.5	6.9		18.3		7.0	53.4	6.7	1	–	–
THUR	24	3	23	09	02	7	10.4	8.6	14.0	9.6	7.4		14.8		7.5	50.7	6.9	1	–	–
FRI	25	5	23	09	02	7	9.9	8.3	13.3	9.7	7.4		19.0		7.9	49.8	7.0	1	–	–
SAT	26	1	25	05	02	7	5.6	4.5	12.8	4.3	0.3		16.7		7.7	42.1	7.2	1	–	–

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h: Cup-counter reading not reported	RUN OF WIND 09h-09h: Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)]: Before 09h UTC	After 09h UTC
V	W	X	Y		
2.1	986.8	992.5	6.3	rain early hrs (see remarks prev. day) 9 at obs fog, cold, light breeze/fog lifts quickly after obs, sunny most of day, cool	18:24 cool, some cloud
0.1	988.8	994.4	2.9	rain between 02:40 & 03:50 approx 0 at obs, cool breeze/cloudy morn, sunny in afternoon, cold even	
5.9	981.4	987.1	0.0	0.1mm rain falling between 04:00 & 05:00 0 at obs, cold, breeze/cold, cloudy day,	mainly rr 17:50 – 20:30 approx, some rain between 21:50 – 22:00 mainly rain & drizzle 11:40 – 17:50 approx approx
0.1	984.0	989.6	6.8	sunny bit after obs b at obs, cold, light breeze/mainly sunny, cool day early even, some cloud, cool.	
tr	998.3	1003.8	3.0	0 at obs, cool, almost calm/mainly dry, cold day, long sunny spells in afn.	14:14 some cloud, cold.
8.2	1002.0	1007.7	0.3	0 at obs, cool, breezy/sometimes breezy, mainly rain & rr and drizzle 17:20 approx – 00:00.	
0.1	999.7	1005.5	3.0	some precipitation between 02:30 & 03:00 c at obs, cool, light breeze/cloudy morn, sunny spells in afn	
1.5	1004.6	1010.1	1.4	c at obs breezy, mild/cloudy day, some short sunny spells.	sometimes breezy. some rain between 20:40 & 21:20 cool early even probably followed by hail 21:30
1.3	1003.0	1008.5	0.7	some precip. between 07:00 & 08:20 approx c at obs, light breeze, mild/mainly cloudy, mild day. 1 shower between 16:35 + 16:50 approx	mild early even.
2.3	1006.0	1011.3	0.0	0 at obs, cold breeze/cloudy, mild day mainly rr 19:30 – 22:00 approx.	mild even.
0.1	1003.6	1008.9	1.3	0 at obs, mild, breezy/cloudy morn, some sun in afn mild day. 16:14 raindrops.	mild even
0.4	1009.4	1015.9	2.4	bc at obs breeze mild/sunny spells mainly in morn. cloudy afn. mild 21:08 cloud, mild, breezy	11:14 breezy
0.2	1009.3	1014.4	0.6	some rain between 05:30 & 06:00 bc at obs mild, breeze/mainly cloudy day, some short sunny spells. cool even.	
0.9	1009.3	1015.0	7.1	b at obs, cool, sunny, light breeze/sunny with cloud mild-cool some short showers.	
				cool sunny	20:06 clear, cold.

tr = too small to collect.

Alt 122 °F
Tiberg cm

Year / Hour	Month / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2011	FEB																			
SUN	13	9	23	05	45	3	2.8	2.6	7.9	0.3	0.2		16.1		5.9	37.0	6.6	1	—	—
MON	14	8	18	05	02	6	2.9	2.5	8.2	2.1	-1.7		16.9	6.3	5.7	37.2	6.6	1	—	—
TUES	15	8	07	09	02	7	3.2	2.5	7.4	1.1	-4.7		16.0		5.2	37.8	6.6	1	—	—
WED	16	2	18	05	02	7	3.1	2.1	6.5	2.9	0.7		16.7		5.2	37.6	6.5	1	—	—
THUR	17	8	05	02	10	4	3.9	3.6	10.3	1.3	-1.1		17.6		5.3	39.0	6.5	1	—	—
FRI	18	8	09	05	02	6	6.1	5.5	9.7	0.3	-3.6		17.0		5.2	43.0	6.5	1	—	—
SAT	19	6	20	05	02	6	6.9	6.5	8.6	6.1	2.7		16.1		5.6	44.4	6.5	1	—	—
SUN	20	7	11	13	02	6	7.7	6.7	11.0	4.9	2.3		16.9		5.9	45.9	6.5	1	—	—
MON	21	7	18	05	02	6	6.9	6.3	10.0	6.6	4.3		17.5	6.3	6.2	44.4	6.6	1	—	—
TUES	22	8	20	09	02	6	7.6	6.7	11.1	5.6	1.4		17.8		6.4	45.7	6.6	1	—	—
WED	23	8	23	13	02	7	11.9	10.9	12.0	7.5	6.9		18.3		7.0	53.4	6.7	1	—	—
THUR	24	3	23	09	02	7	10.4	8.6	14.0	9.6	7.4		14.8		7.5	50.7	6.9	1	—	—
FRI	25	5	23	09	02	7	9.9	8.3	13.3	9.7	7.4		19.0		7.9	49.8	7.0	1	—	—
SAT	26	1	25	05	02	7	5.6	4.5	12.8	4.3	0.3		16.7		7.7	42.1	7.2	1	—	—

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h ~~Cup-counter reading not reported~~	~~Diff. from prev's day~~	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
				rain early hr; (see remarks prev. day)	
2.1	986.8	992.5	6.3	9 a t obs, fog, cold, light breeze/fog lifts quickly after obs, sunny most of day, cool.	18:24 cool, some cloud
0.1	988.8	994.4	2.9	rain between 02:40 & 03:50 approx 0 a t obs, cool breeze/cloudy morn, sunny in afternoon cold even.	
5.9	981.4	987.1	0.0	0.1mm rain 3 hours between 24:00 & 03:00 a t obs cold breeze/cold, cloudy day, mainly rain & drizzle 11:40 - 17:50 approx	mainly rr 17:50 - 20:20 approx. some rain between 20:50 & 21:50 approx
0.1	984.0	989.6	6.8	sunny by obs b a t obs, cold, light breeze/mainly sunny, cool day, early even, some cloud, cool.	
tr	998.3	1003.8	3.0	o a t obs, cool, almost calm/mainly dry, cold day, long sunny spells in afternoon.	14:40 some cloud, cold.
8.2	1002.0	1007.7	0.3	o a t obs, cool breeze/sometimes breezy, mainly rain rr and drizzle 17:20 approx - 00:00	
0.1	999.7	1005.5	3.0	some precipitation between 02:30 & 03:00 c a t obs, cool, light breeze/cloudy morn, sunny, spells in afternoon.	
1.5	1004.6	1010.1	1.4	c a t obs, breezy, mild/cloudy day, some short sunny spells. sometimes breezy. some rain between 20:40 & 21:20	probably followed by drizzle. cool early even.
1.3	1003.0	1008.5	0.7	some precip. between 07:00 & 08:20 approx c a t obs, light breeze, mild/mainly cloudy, mild day. shower between 16:35 + 16:50 approx	mild cool, even.
2.3	1006.0	1011.3	0.0	o a t obs, cold breeze/cloudy, mild day, mainly rr 19:30 - 22:00 approx.	mild even. mild even.
0.1	1003.6	1008.9	1.3	o a t obs, mild, breezy/cloudy morn, some sun in afternoon mild day. 16:14 rainbows.	
0.4	1009.4	1015.2	2.4	bc a t obs breeze mild/sunny spells mainly in morn cloudier afternoon. mild 21:08 cloud, mild, breezy.	17:14 breezy
0.2	1009.3	1014.4	0.6	some rain between 05:50 & 06:00 bc a t obs, mild, breezy/mainly cloudy day, some short sunny spells. cool even.	
0.9	1009.3	1015.0	7.1	b a t obs, cool, sunny, light breeze/sunny with cloud, mild-cool. some short showers.	
				cool sunny	20:06 clear, cold.

tr = too small to collect.

Att 122 cm °F
Thrown

Year 2011 Hour	Month Feb/March Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	27	1	27	05	02	7	4.6	3.6	10.4	3.0	-1.2		16.1		7.3	40.3	7.3	1	—	—
MON	28	1	16	05	02	7	1.5	1.1	11.0	-0.5	-5.4		16.9	7.2	6.8	34.7	7.4	1	—	—
TUES	1	7	23	05	02	7	5.2	3.7	10.7	1.0	-2.3		17.1		6.6	41.4	7.3	1	—	—
WED	2	4	13	05	02	7	3.2	1.8	12.5	1.5	-4.5		16.9		6.6	37.8	7.5	1	—	—
• THUR	3	9	32	02	45	1	-1.0	-0.4	9.9	-1.7	-5.5		16.1		6.3	30.2	7.3	1	—	—
FRI	4	8	27	02	10	4	2.6	2.5	10.7	-1.0	-2.4		17.3		6.3	36.7	7.3	1	—	—
• SAT	5	9	11	02	45	3	6.3	6.0	9.8	3.1?	2.9		16.6		6.6	43.3	7.2	1	—	—
SUN	6	8	11	09	02	6	5.6	4.6	10.2	3.9	1.5		16.1		7.1	42.1	7.2	1	—	—
MON	7	4	23	05	02	7	4.9	3.5	7.5	2.6	-2.5		17.5	7.1	7.0	40.8	7.3	1	—	—
TUES	8	2	25	13	02	6	4.6	4.1	10.9	2.1	-1.2		17.1		7.0	40.3	7.4	1	—	—
WED	9	8	27	09	60	7	4.6	3.4	10.1	3.1	-0.2		17.1		6.6	40.3	7.3	1	—	—
• THUR	10	5	27	24	60	7	7.2	5.4	11.1	4.3	3.8		17.9		6.9	45.0	7.4	1	—	—
• FRI	11	7	23	13	02	7	3.8	2.5	8.6	1.8	-0.4		17.1		6.6	38.8	7.4	1	—	—
• SAT	12	9	00	00	47	3	0.8	0.6	5.6	0.0	-0.2		16.1		6.1	33.4	7.3	—	3	3.5cm

wide frozen.

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h ~~Cup-counter reading not reported~~	~~Diff. from prev's day~~	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
0.1	1016.9	1022.9	8.4	precip between 03:20 & 04:25 approx. 0 at obs, cold, sunny, light breeze / sunny, with cloud, cold, clear early aftern.	
0.0	1028.9	1034.7	7.5	sunny bef. obs 6 at obs, cold, sunny, frosty, light breeze / mainly sunny day, dry, cool. 19:06 mild, cloud.	
0.0	1034.3	1040.3	7.4	0 at obs, light breeze, cool / mainly sunny day, warm sun, most cool, aftern.	
tr*	1032.7	1038.3	8.6	some sun bef. obs. 0c at obs, cool, light breeze / mainly sunny, mild - cool day. 18:47 mild - cool, clear.	
0.0	1033.2	1039.5	5.7	9 at obs, thick fog, cool, almost calm / fog, fog later in morn then sunny day. 20:10 clear, cold.	
0.0	1030.2	1036.0	0.0	0 at obs, cool, almost calm, mist / cool, cloudy day.	
0.0	1028.4	1034.2	0.3	9 at obs, fog, almost calm, cool / dry, cloudy day, mild - cool. 20:45 some cloud, cool.	
tr*	1027.0	1033.0	0.1	0 at obs, cool breeze / 10:36 light drizzle, cool. cloudy, cool day. cool early aftern.	
0.0	1025.0	1030.6	9.4	sunny bef. obs. 0c at obs, cool breeze / dry, sunny day. 19:23 mainly clear, cool.	
1.6	1012.8	1018.6	1.9	sunny bef. obs 15:18 fine drizzle. sometimes breezy 0 at obs, cold breeze, sunny / clouds over after obs. 15:16:05 - 16:20 approx + 17:40 - 17:50 approx. 21:24 some cloud, cold	
4.0	1006.1	1011.8	4.6	sometimes breezy day. 0 at obs, cold breeze / some showers in morn, sunny spells to aftern. mid-afternoon ↗ aftern. breeze only rain in	
0.7	998.4	1003.7	5.0	some sun bef. obs 08:27 strong breezy, rain showers, cold. 11:40 raindrop, breezy, cold. 12:36 sleet, breezy.	sunshine throughout.
24.4	1004.8	1010.5	0.1	0 at obs, breezy, cool / breezy day, sunny spells. 16:13 raindrop. 15:20 hailpellets, gusty. 19:55 heavy rain & rain, cold. To around 21:40 approx when it starts to snow.	
3.6	992.9	998.9	0.0	0 at obs, cold, calm, fog / cold, cloudy day. precip early am	

tr* too small to collect

Barometer

Year / Month / Hour / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES (ft 122 cm °F) ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2011																			
SUN	13	8	27	09	02	6	2·6	2·0	3·0	0·6	0·1		14·6		5·3	36·7	7·2	—	1	
MON	14	2	09	05	02	7	4·0	3·3	6·2	1·8	−0·7		16·1	7·1	5·6	39·2	7·1	1	—	—
TUES	15	2	07	02	10	4	3·6	3·4	9·4	3·0	0·2		17·1		6·1	38·5	7·1	1	—	—
WED	16	9	36	02	47	1	−0·7	−1·0	9·6	−2·9	−5·2		17·0		6·1	30·7	7·1	1	—	—
THUR	17	1	25	05	02	7	5·9	5·0	11·3	−0·7	−1·9		17·5		6·5	42·6	7·1	1	—	—
FRI	18	0	20	05	02	7	4·6	2·4	9·6	−1·4	−7·7		17·4		6·3	40·3	7·1	1	—	—
SAT	19	7	20	05	02	7	5·6	3·1	11·2	−0·2	−6·1		16·1		6·1	40·3	7·1	1	—	—
SUN	20	8	23	09	02	7	10·3	9·4	11·6	5·1	4·9		17·0		6·5	50·5	7·1	1	—	—
MON	21	7	20	05	02	7	10·3	9·1	13·7	8·6	7·0		17·9	7·0	7·3	50·5	7·1	1	—	—
TUES	22	8	20	05	62	7	9·4	8·5	13·8	6·9	4·8		18·2		7·7	48·9	7·3	1	—	—
WED	23	1	18	05	02	7	11·5	8·5	15·8	7·2	1·3		18·5		8·3	52·7	7·4	1	—	—
THUR	24	9	34	02	45	2	4·9	4·6	16·5	2·8	−2·5		18·2		8·6	40·8	7·6	1	—	—
FRI	25	9	02	05	45	2	3·6	3·4	16·6	0·3	−5·7		17·1		8·6	38·5	7·7	1	—	—
SAT	26	7	34	05	02	6	5·7	5·1	11·0	3·5	−3·0		17·3		8·5	42·3	7·9	1	—	—

Well frozen

* These entries are 'thrown back' on Metform 3208B

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h: Cup-counter reading not reported	RUN OF WIND 09h-09h: Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
7·8	992·3	998·2	0·3	0 at obs cold breeze, some snow on ground/	some rain/shower round 16:00 on/off precip. between 20:00 & 00:00, cool - cold day, cloudy
3·5	1009·8	1015·6	5·4	rain incl. 17:00-18:00 & approx 19:00-20:00 & 22:00 approx, sunny bright obs. b at obs cool light breeze/cloudy day, sunny spells, cool day, 19:38 cool, some cloud.	
0·1	1012·0	1017·8	3·7	prob. light rain/drizzle 01:20-07:20 approx. b at obs cool, almost calm/mild-cool day, cloudy, sunny spells, cool early evening. foggy obs	
0·7	1013·1	1019·1	6·1	9 at obs, cold, fog, almost calm/fog lifts later on morn then sunny day, 19:30 clear, cool	
tr×	1010·0	1015·5	4·5	sunny bright obs pretty between 03:00 & 06:30 approx. b at obs cool, light breeze/cloudy day, sunny spells, cold, 19:30 approx mostly clear, cold moonlit	
0·1	1016·2	1022·0	8·9	sunny bright obs. b at obs light breeze, cool/mainly sunny day, some cloud, mild-cool, about 10:00, 20:27 mainly clear	10:52 b, many h rain-rain for
0·2	1025·9	1021·9	3·6	sunny bright obs c at obs, cool, light breeze/cloudy day, some sunny spells, milder, 19:30 raindrops, cloudy	
tr	1019·7	1025·3	1·8	some precip. early morn 0 at obs breeze, mild/cloudy, mild day, short sunny spells mainly in aft. mild early eve.	
tr×	1025·5	1031·0	0·0	c at obs light breeze, mild/10:02 drizzle, cloudy, mild-warm day, 21:08 some cloud, mild	17:01 raindrop
tr×	1032·2	1037·8	2·8	0 at obs, cool breeze, some drizzle/sunny spells in aft, warm day, mild at 21:00	
tr×	1034·8	1040·2	10·1	sunny bright obs b at obs warm sun, light breeze/mainly sunny, warm day, mild early eve.	
0·0	1032·3	1038·1	7·8	foggy bright obs. 9 at obs, fog, almost calm, cool/mainly sunny, warm day, 22:10 cool	
0·0	1021·7	1027·5	2·8	foggy bright obs 9 at obs, fog, cool, light breeze/cloudy day, sunny spells, mild-warm, 20:22 mild-cool, some cloud	
tr×	1013·8	1019·6	4·2	c at obs, cool, light breeze/mainly sunny morn after obs then cloudy after, mild eve.	sunny spells, cool early eve.

tr× — too small to collect.

Monday April 4th 2011

Att. Therm 19.2 + Barometer 1002.9 Reading Taken At 11:40.

In order to convert Barometer Reading to Sea Level

Dry Bulb Therm Reading Taken 11:38 - Reading 12.2 - 54°F.

Add 4 to Att. Therm Giving 23.2,

Add 5.1 to Barometer Reading of 1002.9 = 1008.0 - Sea Level.

Tues	5	8	23	13	02	6	13.5	12.1	16.2	7.7	7.5		19.9		9.6	56.3	8.7	1	–	–
Wed	6	7	16	13	02	7	14.1	12.0	15.2	12.6	12.0		20.0		10.2	57.4	8.8	1	–	–
Thur	7	5	27	05	01	7	11.1	8.6	18.2	8.2	4.4		20.1		10.9	52.0	9.0	1	–	–
Fri	8	1	25	05	02	7	7.5	6.6	16.2	4.8	-1.2		20.0		11.1	45.5	9.2	1	–	–
Sat	9	6	14	05	02	7	13.0	10.1	19.0	4.1	-0.8		19.2		11.1	55.4	9.3	1	–	–

* rainfall chart from fairmount weather - week begins today 1/4

* These entries are 'thrown back' on Metform 3208B

°F Temperatures: At depth 0 cm (P)	~~At depth 50 cm (Q)~~	At depth 100 cm (R)	State of Ground: without snow or ice cover (S)	with snow or ice cover (T)	Total SNOW depth at 09h (U)	Total amount of RAIN 09h-09h * (V)	~~Run of Wind 09h-09h: Cup-counter reading not reported (W)~~	~~Diff. from prev's day (X)~~	Total SUN for the day (Y)	[Weather Diary and Remarks (midnight to midnight)]: Before 09h UTC	After 09h UTC
8.4	37.2	8.0	1	–	–	0.0	1012.0	1018.0	2.7	9at obs cold, fog, light breeze/frosty, then sunny morn, cloudy oftn.	14:41 cloudy, cool breeze. 20:49 clear dry
1.4	41.2	8.1	1	–	–	0.0	1012.5	1018.3	1.7	cat obs cool, light breeze/sunny for whole day, obs then clouds over late morn.	mild - cool days 19:57 cool, some cloud
1.3	46.6	8.1	1	–	–	1.4	1007.1	1012.4	0.0	oat obs cool, light breeze/cloudy day,	after. mod. to heavy 16:52 fine drizzle, cool, prob. rain 21:30 - 21:50 approx
1.4	47.3	8.2	1	–	–	2.5	998.2	1003.5	2.8	prob. some drizzle/rain between 05:00 07:30. cat obs fresh breeze, cool breeze/sunny late	some rain late even prob from 22:00
3.9	50.9	8.2	1	–	–	0.1	993.3	998.4	7.2	IFo 01:35 - 02:12 approx then IF to 03:10 approx. some sun bef. obs, cat obs mild, breezy/sunny morn oftn obs, sunny to aftnt mod oftn.	mild cool even. 10:59 cloudy, cool
5.3	49.9	8.3	1	–	–	5.3	999.5	1004.3	1.5	oat obs mild, breezy/sunny spells in morn then cloudy oftn.	prob. sunny to rain about 23:00.
1.7	47.5	8.5	1	–	–	0.1	998.4	1003.5	5.3	morning drizzle 00:00 - 02:15 approx then IF to 02:50 approx sunny bef obs bo at obs, cool breeze/cloudy day, sunny spells.	mild - cool even. 21:56 morning clear, mild.
5.5	44.8	8.6	1	–	–	0.5	1004.6	1009.9	7.8	sunny bef obs c at obs, bold breeze/dropped rain after obs, mainly sunny day, some cloud, sometimes breezy.	mild early
9.3		8.7	1	–	–	1.1	before 11:40 1002.9	At 11:40 1008.0	3.4	prob. IFo 05:55 - 07:05 approx. 08:38 breezy. o at obs, strong breeze/cloudy day, sunny spells, mild - warm,	11:40 breezy, mild IFo 22:10 approx - 00:00
5.0	56.3	8.7	1	–	–	5.0	1003.1	1007.9	0.1	IFo 00:05 - 00:20 approx 10:37 rain, 11:34 rain o at obs, mild, breezy/cloudy, mild - warm day, sometimes breezy,	15:53 breezy, 18:46 rain drops
0.7	57.4	8.8	1	–	–	0.7	1012.1	1017.0	5.0	mainly mod - heavy rain 01:10 - 01:15 approx. c at obs, mild breezy/sunny late morn + oftn, cloud, warm,	19:51 rain drops, mild. IF 20:10 - 20:25 approx
9.0	52.0	9.0	1	–	–	0.0	1024.3	1029.4	10.6	IFo 01:40 - 02:25 approx. sunny bef obs be at obs, mild, light breeze, sunny/sunny day.	19:47 mild, cooler later
9.2	45.5	9.2	1	–	–	0.0	1025.2	1030.3	10.7	sunny bef obs bat obs, cool, sunny, light breeze/sunny day, warm sun, cool, clear early morn	
9.3	55.4	9.3	1	–	–	0.0	1020.1	1025.4	5.8	sunny bef obs c at obs, cool, breezy/sunny morn, cloudier oftn, warm sun, sometimes feeling cool.	19:59 mild cloud
										cool breeze	

24h Hour	MARK MARK Date	Total cloud	Direction	Speed	Present weather	Visibility	Dry bulb	Wet bulb	Max. *	Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	At depth 10 cm	At depth 20 cm	At depth 30 cm	At depth 50 cm	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h	Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h Cup-counter reading not reported	RUN OF WIND 09h-09h Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y		
* SUN	27	9	25	05	45	1	2.9	2.6	12.5	0.8	-4.3		15.6		8.4	37.2	8.0	/	—	—	0.0	1012.0	1018.0	2.7	9at obs cold, fog, light breeze/fog lifting then sunny morn, cloudy aftn. ↗ 19:41 cloudy, cool breeze.	
MON	28	7	18	05	02	7	5.1	3.9	11.9	-0.1	-6.4		17.1	7.8	8.4	41.2	8.1	1	—	—	0.0	1012.5	1018.3	1.7	20:49 clear dry. mild - cool days. cat obs cool, light breeze/sunny for while after obs then clouds over late morn. 19:57 cool, some cloud	
TUES	29	8	05	05	02	6	8.1	6.5	10.9	4.4	-1.6		18.2		8.3	46.6	8.1	1	—	—	1.4	1007.1	1012.4	0.0	bat obs cool, light breeze/cloudy day, cool. 16:52 fine drizzle, cool, prob. clear. 21:30 – 21:50 approx. ↗ inter. mod to heavy	
WED	30	7	18	19	52	6	8.5	7.7	10.6	8.0	4.8		18.1		8.4	47.3	8.2	1	—	—	2.5	998.2	1003.5	2.8	prob. some drizzle/rain between 05:00 07:30. cat obs fresh breeze, cool breeze/sunny late morn + early aftn. ↗ some rain late evening prob from 22:00 – 23:30 approx., mild.	
THUR	31	7	27	24	02	7	10.5	7.6	14.9	8.3	7.5		19.2		8.9	50.9	8.2	1	—	—	0.1	.993.3	998.4	7.2	IFo 01:35 – 02:20 approx then IF to 03:10 approx. some sun bef obs, cat obs mild, breezy/sunny morn after obs, sunny & warm mod aftn. ↗ mild early evening.	
* FRI	1/4	7	18	19	02	7	13.9	12.1	15.5	10.5	8.6		20.0		9.4	57.0	8.3	1	—	—	5.3	999.5	1004.3	1.5	10:59 cloudy, cool. a at obs mild breezy/sunny spells in morn then cloudy aftn. ↗ raining to rain about 22:00.	
SAT	2	3	20	09	02	7	8.6	7.0	15.9	5.1	2.5		18.8		9.7	47.5	8.5	1	—	—	0.1	998.4	1003.5	5.3	raining, drizzle 00:00 – 02:10 approx then IF to 02:50 approx sunny bef obs. mild - cool evening. bc at obs cool breeze/cloudy day, sunny spells. 21:56 raining, clear, mild.	
SUN	3	7	23	09	02	7	7.1	5.9	14.0	5.1	-0.1		18.2		9.5	44.8	8.4	1	—	—	0.5	1004.6	1009.9	7.8	sunny bef obs. c at obs, cold breezy/dmpd rain after obs, mainly sunny day, some cloud, sometimes breezy. mild early evening.	
MON	4	8	20	24	60	6	7.9	7.0	12.8	4.7	1.6		taken at 11:40 14.2	8.5	9.3		8.7	1	—	—	1.1	1002.9	taken at 11:40 AF 11:40 1008.0	3.4	prob. IFo 05:55 – 07:05 approx. 08:38 breezy. 11:40 breezy, mild. IFo 22:10 approx – 00:00. a at obs, strong breeze/cloudy day, sunny spells, mild - warm. 20:35 rain drops.	
TUES	5	8	23	13	02	6	13.5	12.1	16.2	7.7	7.5		19.9		9.6	56.3	8.7	1	—	—	5.0	1003.1	1007.9	0.1	IFo 00:05 – 02:25 approx. 10:37 rain, 11:34 rain. a at obs, mild, breezy/cloudy, mild - warm day, sometimes breezy. 15:53 breezy, 18:46 raindrops.	
WED	6	7	16	13	02	7	14.1	12.0	15.2	12.6	12.0		20.0		10.2	57.4	8.8	1	—	—	0.7	1012.1	1017.0	5.0	mainly mod - heavy rain 01:10 – 02:50 approx. c at obs, mild breezy/sunnier late morn + aftn, cloud, warm. 19:51 raindrops, mild. IF 20:10 – 20:35 approx.	
THUR	7	5	27	05	01	7	11.1	8.6	18.2	8.2	4.4		20.1		10.9	52.0	9.0	1	—	—	0.0	1024.3	1029.4	10.6	IFo 01:40 – 02:25 approx. sunny bef obs bc at obs, mild, light breeze, sunny/sunny day. 19:47 mild, cooler later	
FRI	8	1	25	05	02	7	7.5	6.6	16.2	4.8	-1.2		20.0		11.1	45.5	9.2	1	—	—	0.0	1025.2	1030.3	10.7	sunny bef obs. b at obs, cool, sunny, light breeze/sunny day, warm sun, cool, clear early morn.	
SAT	9	6	14	05	02	7	13.0	10.1	19.0	4.1	-0.8		19.2		11.1	55.4	9.3	1	—	—	0.0	1020.1	1025.4	5.8	sunny bef obs. c at obs, cool, breezy/sunny morn, cloudier aftn. warm sun, sometimes feeling cool.	
																										19:59 mild cloud.

Barometer

* rainfall chart from fairmount weather – use begins today 1/4

* These entries are 'thrown back' on Metform 3208B

Att 122 °F

Year 2011 Hour	Month APRIL Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	11h00 cm SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	10	1	23	05	05	6	14.0	11.9	18.8	9.9	4.5		19.9		11.2	57.2	9.5	1	–	–
MON	11	6	27	09	60	7	9.9	8.4	20.0	8.3	6.6		20.3	9.5	11.7	49.8	9.6	1	–	–
TUES	12	1	23	13	60	7	8.2	5.9	13.6	3.1	-0.4		20.1		11.2	46.8	9.8	1	–	–
WED	13	7	18	19	60	6	8.6	7.6	12.9	5.0	4.3		20.4		10.9	47.5	9.8	1	–	–
THUR	14	7	25	05	60	7	11.2	9.5	12.8	8.6	4.4		18.1		10.8	52.2	9.9	1	–	–
FRI	15	4	23	05	02	7	11.5	8.6	12.1	8.6	5.6		19.6		11.1	52.7	10.0	1	–	–
SAT	16.	8	23	05	02	7	9.8	7.6	15.3	7.8	6.0		19.5		11.3	49.6	10.0	1	–	–
SUN	17.	7	18	05	02	7	11.5	8.1	12.7	6.3	0.7		19.2		11.3	52.7	10.1	1	–	–
MON	18	1	14	09	02	7	12.3	9.3	15.5	1.9	-3.1		19.9	10.1	11.3	54.1	10.1	1	–	–
TUES	19	1	05	05	05	6	12.4	10.3	17.5	6.0	-0.8		18.2		11.4	54.3	10.2	1	–	–
WED	20	1	05	05	05	6	11.7	10.5	19.1	7.3	0.9		18.8		11.9	53.1	10.3	1	–	–
THUR	21	5	07	05	05	6	13.5	11.5	20.1	9.3	5.7		19.0		12.6	56.3	10.5	1	–	–
FRI	22	4	09	05	05	6	16.6	13.5	21.5	8.8	3.0		19.7		12.9	61.9	10.6	1	–	–
SAT	23	5	27	09	02	7	11.5	8.5	21.6	8.8	5.8		19.3		13.2	52.7	10.9	1	–	–

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h Cup-counter reading not reported	RUN OF WIND 09h-09h Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
1.0	1018.8	1023.7	7.4	sunny bef. obs b at obs sunny, warm, light breeze/ sunny	day to ascend mid afternoon then cloudy, mild eve.
0.2	1016.4	1021.5	6.9	precip between 04:20 & 06:20 approx. sunny bef. obs 09:54 raindrops. c at obs, cool breeze/ cloud, sunny spells, feeling cool	12:32 breezy 13:44 raindrops 20:39 clear, cool
5.1	1024.9	1030.0	8.4	sunny bef. obs b at obs, cool, warm, breezy/ mainly sunny	morn, cloudier afternoon, cool. 16:06 beginning to rain
0.1	1010.8	1015.9	0.6	Tdo 02:55 – 04:25 approx. also remarks pr – 21:25 approx. c at obs, mild, breezy/ mainly cloudy	mild day. 20:30 cool, some thin cloud
tr*	1011.1	1016.6	0.1	07:30 drizzle c at obs breeze, cool, raindrops/ cloudy	day. 14:02 raindrops, mild early eve.
0.2	1012.7	1018.8	5.6	sunny bef. obs b c at obs mild, light breeze/ sunny spells	16:22 rain. morn, cloudier afternoon, mild, mild early eve.
tr*	1017.8	1023.1	1.7	prob. drizzle between 02:40 approx. 04:10 approx. o at obs, mild, light breeze/ cloudy	morn, some sunny spells in afternoon, mild, 21:21 mild, some cloud.
0.0	1021.1	1026.4	5.3	c at obs warm, light breeze/ cloudy	morn, short sunny spells, sunnier afternoon, cool eve.
tr*	1016.0	1021.1	6.7	sunny bef. obs b at obs breeze, warm sun/ cloudy late	morn, sunnier afternoon. 13:10 raindrops, mild early eve.
0.0	1011.3	1016.8	10.1	sunny bef. obs b at obs, warm with cool breeze/ sunny to mid afternoon	then cloudier mild early eve, warm day. 20:17 raindrops.
0.2	1012.9	1018.2	7.8	sunny bef. obs b at obs, light breeze, warm/ sunny day to mid afternoon	warm. 13:00 raining, 19:03 mild, cloudy.
0.0	1010.9	1016.0	8.0	sunny bef. obs b c at obs, warm, sunny, cool breeze/ cloudy late morning	then sunny rest of day, warm.
0.0	1002.7	1007.5	8.4	sunny bef. obs b c at obs, warm, sunny, light breeze/ sunny	morn, cloudier afternoon, warm mild early eve.
0.0	1010.1	1015.2	9.6	sunny bef. obs b c at obs, cool breeze, sunny/ sunny, warm day	20:58 mainly clear, mild

warm, sunny

cool breeze, sunny

Year / Hour	Month / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	THERM SOIL TEMPERATURES (BIT 122 cm °F) At depth 10 cm	At depth 20 cm	At depth 30 cm	At depth 50 cm	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
2011	APRIL MAY																			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	24	8	23	13	02	6	11.0	9.1	16.1	6.6	0.3		18.6		13.0	51.8	11.0	1	—	—
MON	25	8	05	05	02	7	10.5	7.3	14.2	7.4	3.2		17.9	11.1	12.6	50.9	11.1	0	—	—
TUES	26	7	05	05	02	7	11.1	8.3	14.9	5.7	0.6		16.6		12.6	52.0	11.1	0	—	—
WED	27	1	09	05	02	7	12.3	8.8	15.4	8.3	0.7		17.9		12.8	54.1	11.2	0	—	—
THUR	28	1	09	05	02	7	13.4	8.7	17.8	5.8	-1.1		17.7		13.1	56.1	11.3	0	—	—
FRI	29	1	05	05	02	7	12.1	9.1	19.2	3.5	-1.0		17.8		13.1	53.8	11.4	0	—	—
SAT	30	3	09	13	02	7	13.5	9.2	18.5	7.9	4.9		18.0		13.2	56.3	11.5	0	—	—
SUN	1/5	1	09	13	02	7	13.5	8.6	19.0	6.2	2.9		17.7		13.1	56.3	11.6	0	—	—
MON	2	3	09	19	02	7	12.3	7.7	19.2	6.5	1.3		17.9	12.0	13.1	54.1	11.6	0	—	—
* TUES	3	2	09	19	02	7	10.5	6.8	17.1	5.2	1.4		17.2		13.1	50.9	11.7	0	—	—
WED	4	4	07	19	02	7	12.7	8.4	14.8	6.7	2.6		17.7		12.9	54.9	11.7	0	—	—
* THUR	5	8	14	05	02	6	12.0	11.0	15.0	10.5	8.4		17.4		13.0	53.6	11.7	1	—	—
FRI	6	6	18	13	02	7	14.5	11.9	14.7	11.1	8.0		20.2		13.1	58.1	11.7	1	—	—
SAT	7	7	14	05	02	6	16.1	13.7	18.5	11.2	9.0		19.3		13.5	61.0	11.8	1	—	—

* NEW TILTING SYPHON RAIN GUAGE INSTALLED 5/5/11 p.m

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h: Cup-counter reading not reported	RUN OF WIND 09h-09h: Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
0.0	1015.1	1020.4	1.0	Some sun early morn. o at obs, cool breezy/mainly cloudy day, mild. cool even.	
0.0	1024.0	1029.5	5.9	o at obs, cool breeze/mainly sunny late morn enwarth, mild. 19:18 cloud, cool.	
0.0	1025.4	1031.0	6.2	c at obs, cool breeze/mainly cloudy morn, sunny afth, warm sun. ↑ cool breeze sometimes, cool even.	
0.0	1023.9	1029.4	8.6	Sunny bef obs b at obs, sunny, cool breeze/sunny morn, cloudier afth warm sun. 20:06 cool, some cloud.	
0.0	1020.4	1025.7	13.9	Sunny bef obs o at obs, sunny, warm, light breeze/sunny warm day, cool breeze. 19:47 some cloud, cool.	
0.0	1015.6	1021.1	11.1	Sunny bef obs. o at obs, sunny, cool breeze/sunny most of day, mild - cool even.	
0.0	1013.0	1018.3	10.7	Sunny bef obs b at obs, sunny, breezy/sunny, warm day, sometimes breezy. 19:01 breezy, mild, some cloud.	
0.0	1010.2	1015.2	14.2	Sunny bef obs. o at obs, sunny, breezy/sunny day, sometimes breezy, cool even.	
0.0	1010.4	1015.7	14.1	Sunny bef obs b at obs, sunny, breezy/sunny day, sometimes breezy, sometimes cool. ↑ 21:10 mild, cool, clear	
0.0	1013.0	1018.6	12.1	Sunny bef obs o at obs, sunny, breezy, mostly/sunny day, cool. 20:07 cloud, cool.	
1.4	1013.2	1018.7	5.7	Some sun bef obs b at obs, sunny, breezy/sunny to early afth then cloudy, mild. 21:45 mild breezy cloudy	
1.7	1009.2	1014.7	1.3	Some sun early hrs, quite dreary/mainly cloudy day, some short sunny spells mainly in afth. 09:25 rain. o at obs, mild, bit humid, light breezy/cloudy day. ↑ 11:51 rain. 13:24 has been raining off & on whole.	
1.3	1004.4	1009.2	6.8	Prob rain early hrs sunny bef obs c at obs, breezy, warm/sunny/cloud with sunny spells/ some showers, 14:34 rain heavy!, 15:24 breezy 15:35 drizzle, mild even.	
5.7	1003.2	1008.2	2.5	Some sun bef obs c at obs warm, breezy/cloudy day, some sunny spells in afth. 20:29 rain heavy, mild-cool. 09:55 beginning to rain. ↑ the mist turns to 21:20 rain & blows off & on for rest of day.	
				4/5 - contrail — very disperse but still clear + less dispersed out. + gone out	

mild early

Att 122 of

Year 2011 Hour (A)	Month MAY Date (B)	Total cloud (C)	WIND Direction (D)	WIND Speed (E)	Present weather (F)	Visibility (G)	SCREEN Dry bulb (H)	SCREEN Wet bulb (I)	SCREEN Max. * (J)	SCREEN Min. (K)	GRASS MIN. at 09h (L)	CONCRETE MIN. at 09h (M)	SOIL TEMPERATURES (thous cm) At depth 10 cm (N)	At depth 20 cm (O)	At depth 30 cm (P)	At depth 50 cm (Q)	At depth 100 cm (R)	STATE OF GROUND without snow or ice cover (S)	STATE OF GROUND with snow or ice cover (T)	Total SNOW depth at 09h (U)
SUN	8	6	18	13	02	7	12·2	10·1	16·7	11·3	9·3	·	19·1		13·7	54·0	11·9	1	–	–
MON	9	7	16	13	03	7	14·9	12·0	17·4	11·3	8·4		18·3	12·3	13·9	58·8	12·0	1	–	–
TUES	10	7	20	24	02	7	13·5	10·8	17·5	9·2	6·2		18·1		13·4	56·3	12·1	1	–	–
WED	11	7	23	19	02	7	12·7	9·6	16·4	9·2	6·4		17·9		13·3	54·9	12·1	1	–	–
THUR	12	7	25	09	64	7	10·3	9·6	15·0	9·2	7·1		17·9		13·2	50·5	12·1	1	–	–
FRI	13	7	23	13	60	7	10·2	7·5	14·1	7·6	5·5		18·0		13·1	50·4	12·1	1	–	–
SAT	14	7	25	13	02	7	11·7	8·8	12·6	7·2	3·6		18·0		13·0	53·1	12·1	1	–	–
SUN	15	8	23	19	02	7	10·9	9·6	13·5	6·4	1·7		18·1		13·0	51·6	12·1	1	–	–
MON	16	8	25	24	50	6	11·6	10·5	14·5	10·9	10·5		18·1	12·2	12·9	52·9	12·1	1	–	–
TUES	17	8	20	13	52	7	13·5	11·8	14·1	11·1	10·5		19·1		12·9	56·3	12·1	1	–	–
WED	18	7	25	19	02	7	10·7	8·0	16·3	8·4	6·0		19·0		13·2	51·3	12·1	1	–	–
THUR	19	2	25	19	02	7	11·4	8·0	14·3	5·2	2·8		18·8		13·1	52·5	12·2	1	–	–
FRI	20	6	23	19	02	7	9·7	7·5	14·0	7·2	6·5		18·9		12·8	49·5	12·2	1	–	–
SAT	21	8	18	19	60	6	10·7	9·6	14·3	7·3	5·1		18·8		12·8	51·3	12·1	1	–	–

* Tilting gauge – pen not in contact properly with chart.

* These entries are 'thrown back' on Metform 32088

Barometer

Total amount of RAIN 09h-09h * (V)	RUN OF WIND 09h-09h: Cup-counter reading not reported (W)	RUN OF WIND 09h-09h: Diff. from prev's day (X)	Total SUN for the day (Y)	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
tr	998·9	1004·0	7·9	rain early hr. some sun but obs. cat obs. warm, breezy / mainly sunny,	breezy day, warm
20·9	1005·3	1010·4	6·8	sunny but obs. cat obs. breezy / mainly sunny,	cloudier aft. 12:35 thunder + 15:19 followed by more thunder 16:14/16:49 hail, precip most of afternoon, some heavy
0·2	1009·4	1014·5	3·9	pto precip. 02:00 – 04:50 approx cat obs. breezy, cool / cloudy day,	sunny spells, 12:07 morning, 12:34 raindrops, mild – cool even.
5·3	1013·8	1019·3	6·1	sunny but obs cat obs. breezy, cool / cloudy day,	some showers – one heavy. sometimes breezy sunny spells, precip between 19:22 & 21:02 approx
1·2	1011·4	1016·9	6·9	raining between 01:50 & 02:00 approx cat obs. warm, mild, breezy /	some showers before 11:00, sunny spells, mainly sunny after from 14:00 showers, cool even.
2·5	1012·4	1017·9	4·7	sunny but obs. 11:08 raining cat obs. cool breeze / cloudy,	sunny spells, showers, 17:27 hail, cool even.
1·4	1014·9	1020·4	3·0	some sun but obs. 09:25 breezy cat obs. cool breeze / showers morn + early	aft. sunny spells in aft. sometimes breezy, cool even
0·7	1019·1	1024·6	0·0	12:09 drizzle cat obs. but humid, breezy /	cloudy day, sometimes breezy ^ some rain between 16:00 & 16:35 approx & 20:10 & 20:30 approx. cool even.
1·2	1016·4	1021·9	0·1	07:46 drizzle. cat obs. breezy, cold /	cloudy day, light rain + drizzle between 16:35 + 20:35 approx.
0·4	1012·8	1017·9	1·4	light precip. early hrs. 07:43 drizzle. cat obs. breezy, mild /	12:41 light rain mainly cloudy day, some sunny spells, precip. between 22:50 & 25:50 approx
0·4	1005·8	1010·9	8·0	10:08 drizzle. some sun but obs c. cat obs. cold breeze /	sunny day, cloud. some rain between 12:20 & 12:35 approx. cool even.
2·0	1012·0	1017·3	6·1	sunny but obs b. cat obs. cool breeze / clouds over round	16:00 mainly cloudy day, 14:30 raindrops ^ 16:02 drizzle, 19:04 cloudy mild.
0·3	1007·8	1012·9	7·6	mist – heavy rain between 04:20 & 04:55 approx cat obs. cool breeze /	sunny, some cloud, 11:16 raindrops, cool. cool even
6·2	1005·9	1011·0	0·0	some rain but obs. a. cat obs. cool, breezy, squally /	cloudy day, mild ^ light rain / drizzle most of morn. pm rain / drizzle most of afternoon, mainly dry day, even.

mild early even

Barometer

Year / Hour	Month / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES (Thermometer No. 122, °F) ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h	Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h ~~Cup-counter reading not reported~~	RUN OF WIND 09h-09h ~~Diff. from prev's day~~	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
2011	May June																									
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y		
SUN	22	4	25	19	02	7	11.1	8.9	15.0	7.2	5.3		18.8		12.6	52.0	12.1	1	–	–	3.1	999.0	1004.1	11.0	Some mist early am, sunny bef. obs.	↗ 09:36 raindrops. 11:00 rain, breezy. 12:00 rain, 18:59
MON	23	6	20	24	02	7	12.1	8.0	15.6	9.0	7.9		19.0	12.2	12.1	53.8	12.0	1	–	–	3.2	996.9	1002.0	8.2	bc at obs, mild, breezy / sunny day with cloud.	sunny, some cloud, breeze. rain beginning 23:25 approx
TUES	24	7	25	19	60	6	11.1	8.0	13.4	5.6	3.5		20.5		12.5	52.0	12.2	1	–	–	0.3	1016.5	1021.4	9.4	rain, raining 01:10 – 05:10 approx	seagull ↗ 12:24 breezy – breezy morn, sometimes
WED	25	7	18	24	02	7	12.2	9.3	13.1	8.3	3.5		21.0		12.6	54.0	12.1	1	–	–	4.0	1010.5	1015.4	0.3	near gale – gale early hrs. cat obs, strong breeze / sunny day, cloud. sunny bef. obs.	gale force winds showers
THUR	26	8	34	13	62	6	10.5	9.4	14.1	9.7	8.6		19.6		12.7	50.9	12.1	1	–	–	1.1	1004.0	1009.0	2.9	cat obs, cool, breezy / cloudy day, mainly rain in day.	Some precip early hrs 10:05 breezy, raining. ↗ 18:35 – 19:15 approx and slight
FRI	27	7	27	13	02	7	11.6	8.0	13.7	5.9	2.0		18.3		12.7	52.9	12.1	1	–	–	0.6	1014.0	1019.5	2.8	cat obs, breezy, cool / small amounts drizzle / rain in morn	Some rain early am. 07:42 drizzle, breezy / mild. ↗ to mod rain 19:15 – 20:10 approx
SAT	28	7	23	19	03	7	12.0	8.5	13.0	9.1	7.8		17.6		12.7	53.6	12.1	1	–	–	1.1	1004.2	1009.5	2.1	cat obs, cool, breezy / cloudy day. mainly dry day / mild, sometimes breezy.	sunny bef. obs 10:28 raindrops. 16:35 breezy, drizzle. ↗ 14:00 breezy, rain. 14:55 rain ↗ breezy. ir between 19:35 & 19:50 approx ↗ ir between 22:00 and 22:20
SUN	29	7	23	13	60	7	12.2	9.7	14.5	8.7	8.2		17.2		12.7	54.0	12.1	1	–	–	tr*	998.0	1003.8	7.1	Some rain between 01:00 & 04:30 approx. Some sun bef. obs.	cat obs, breezy, mild / mainly sunny to about 16:00, mild – cool early eve
MON	30	6	23	13	02	7	11.2	7.6	16.0	7.4	6.1		17.2	12.2	13.1	52.2	12.1	1	–	–	1.2	1003.8	1009.3	10.2	sunny bef. obs.	Sony showers. 11:58 becoming breezy, drops of rain mild early
TUES	31	4	25	05	60	7	12.2	9.1	13.6	5.2	1.1		16.7		13.1	54.0	12.1	1	–	–	1.3	1013.1	1018.7	9.1	cat obs, mild, breezy / cloud, sunny spells.	summer gth. 12:05 hail, 12:38 raining, lightly. eve.
WED	1/6	8	23	24	50	7	13.7	12.2	16.1	11.3	10.1		20.1		13.3	56.7	12.2	1	–	–	x tr	1018.2	1023.1	2.6	sunny bef. obs. bc at obs, warm sun, light breezy mainly	07:58 breeze, light drizzle sunny morn, cloudier gth. 1 or 2 showers. mild early eve.
THUR	2	7	25	05	02	7	15.2	12.6	19.1	12.3	11.1		18.3		13.5	59.4	12.4	1	–	–	0.0	1029.7	1035.0	10.8	cat obs, breezy, mild / cloudy morn, some sunny spells in gth.	warm. 21:45 some cloud, mild
FRI	3	1	25	05	02	7	18.6	15.5	23.5	9.5	4.1		20.0		14.5	65.5	12.5	1	–	–	0.0	1030.7	1035.6	12.8	Some sun bef. obs. cat obs, warm, light breeze / warm, sunny day.	warm early eve
SAT	4	8	05	05	02	7	11.9	10.5	24.8	10.2	7.5		20.1		15.3	53.4	12.6	1	–	–	1.0	1021.9	1027.0	0.7	sunny bef. obs. bat obs, sunny, warm, light breeze / sunny, warm day.	

x water samples for volcanic ash.

* These entries are 'thrown back' on Metform 3208B

14·6 13·9

Rain 122 mm

Year / Hour	Month / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	Therm SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
2011	June																			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	5	7	05	05	62	6	9·6	9·1	17·2	9·5	9·2		19·0		15·0	49·3	12·7	1	—	—
MON	6	2	23	05	02	7	11·1	8·1	11·2	4·1	0·2		17·1	12·9	14·0	52·0	12·9	1	—	—
• TUES	7	7	23	05	02	7	10·1	8·8	13·9	8·8	7·3		17·8		13·9	50·2	12·9	1	—	—
WED	8	8	23	05	60	6	11·1	9·2	15·9	7·7	3·2		17·6		14·1	52·0	12·9	1	—	—
• THUR	9	6	23	09	02	7	10·6	7·4	14·1	5·6	3·1		17·1		14·1	51·1	13·0	1	—	—
FRI	10	6	16	05	02	8	9·7	6·8	12·5	3·3	−0·8		16·1		14·0	49·5	13·0	1	—	—
SAT	11	7	25	05	60	7	10·4	7·7	14·6	7·1	5·3		16·8		14·1	50·7	13·0	1	—	—
SUN	12	7	09	19	02	7	13·1	9·4	15·1	6·4	2·2		16·8		14·1	55·6	13·0	1	—	—
× MON	13	6	25	13	02	7	13·5	11·1	14·1	9·8	9·7		16·3	13·0	13·8	56·3	13·0	1	—	—
TUES	14	2	16	13	02	7	14·8	10·7	16·7	5·8	1·2		17·2		14·0	58·6	13·0	1	—	—
• WED	15	6	23	05	62	7	14·7	12·1	19·3	11·3	10·2		18·1		14·7	58·5	13·0	1	—	—
THUR	16	5	23	19	02	7	13·4	9·3	18·1	7·6	2·8		18·0		14·7	56·1	13·2	1	—	—
FRI	17	8	18	19	53	5	11·7	11·1	16·3	8·8	6·2		17·8		14·5	53·1	13·6	1	—	—
SAT	18	7	25	05	02	7	12·7	10·7	16·6	7·6	3·8		18·0		14·5	54·9	12·3	1	—	—

× 13th precipitation between 00:00 – 02:20 approx

* These entries are 'thrown back' on Metform 32088

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h Cup-counter reading not reported	RUN OF WIND 09h-09h Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
11·9	1014·1	1019·4	0·0	periods prob. of light rain / drizzle early hrs 1st fine 08:00 – obs. cat obs, mild, rain, light breeze/rr 11:50 – 12:35 approx rr 14:25 – 15:20 approx	Another light rain / drizzle f. 19:20 approx. cool, even.
3·3	1002·9	1008·3	4·1	sunny bef obs. bat obs, cool, light breeze/sunny for while, then clouds over	16:38 fine drizzle. rr 17:20 – 18:30 approx. light rain 00:06 – 02:10 approx + rain bef obs 09:35 + 10:15 approx.
0·3	992·6	997·9	3·3	cat obs, cool, light breeze/cloudy day, sunny spells, sandwiches cool	14:57 raindrops 16:10 rain shower 16:16 ice pellets, cool even.
5·0	994·2	999·5	1·9	rain bef obs beginning 08:35 approx. cat obs, mild, cool, rain, light breeze/mainly cloudy on arr, clr then showers, cool even.	rain between 10:30 – 11:30, sunny spells in.
3·3	1005·7	1011·2	6·6	sunny bef obs rain bef obs 10:35 approx cat obs, cool breeze/clouds over clr obs then mainly cloudy, 14:44 hail	17:47 rain, rain between 18:35 approx 19:55 approx, cool even
1·6	1008·7	1014·4	8·0	sunny bef obs. cat obs, cool breeze/cloudy day, sunny spells, warm sun	19:51 raindrops, 20:12 raining, mild – cool. rr 20:25 – 20:50 approx on 11th
tr	1010·9	1016·4	0·4	slight rain 00:00 – 00:10 approx cat obs, cool, raindrops, light breeze/mainly cloudy day, mild – warm.	cool even.
11·4	1005·9	1011·2	3·9	sunny bef obs. 11:08 breezier, cool cat obs, cool, breezy/cloudy day, 11:21 rain drops	rr 22:35 approx – 00:00 rr 14:30 – 19:00 approx. mild cool, even
tr	1001·2	1006·7	5·8	sunny bef obs. 11:29 raindrops, mild – cool cat obs, mild – cool, breezy/cloudy after obs.	16:15 breezy. sometimes breezy, sometimes sunny after 12:38 sunny, humid
1·3	1012·4	1017·9	11·1	sunny bef obs. bat obs, breezy, warm, sunny/mainly sunny day, clouds over late afn.	sunny between 22:00 – 23:25 approx 19:34 breezy, cool, cloud.
tr*	1004·2	1009·3	4·4	some sun bef obs cat obs, light breeze, bit humid/cloudy day, sunny spells, warm.	sometimes humid. eclipse but too cloudy to see.
7·0	1006·9	1012·0	8·4	sunny bef obs bat obs, breezy, warm/10:00 cooler	13:09 cloudy over, rain. 17:26 becoming breezy. cloud, sunny spells, for 2 showers, mild, early even
0·8	992·1	997·4	0·8	prob. rr between 02:20 – 03:15 approx, drizzling bef obs cat obs drizzle, cool, breezy/drizzly/some sun for rest of morn.	raining cloudy day. 20:26 cloudy, mild. 21:25 fine drizzle.
7·3	992·7	998·0	1·2	some sun early morn cat obs, mild, light breeze/mainly cloudy warm day, 11:26 raining.	19:05 light rain. rain early afn, briefly.

Rainy.

Year / Month / Hour / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	THERM SOIL TEMPERATURES ~~At depth 10 cm~~ (At 122 cm)	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~ (of)	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
2011 / Feb / Hour																			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	19	7	23	05	02	7	12.2	10.3	16.1	9.0	6.8		17.1		14.4	54.0	13.3	1	—	—
× MON	20	7	09	09	03	7	15.0	11.5	17.7	6.5	2.9		17.0	13.3	14.6	59.0	13.4	1	—	—
TUES	21	8	09	05	52	6	12.1	11.5	17.4	10.3	10.0		17.1		14.7	53.8	13.3	1	—	—
WED	22	8	23	05	50	6	13.5	11.9	15.5	10.9	10.3		17.7		14.7	56.3	13.3	1	—	—
THUR	23	6	25	05	03	6	14.1	11.1	17.1	9.0	6.8		17.4		15.0	57.4	13.4	1	—	—
FRI	24	7	20	05	02	7	12.6	8.7	15.9	6.8	3.5		17.3		14.8	54.7	13.5	1	—	—
SAT	25	8	23	13	02	6	16.5	15.0	16.6	9.8	9.3		17.7		14.6	61.7	13.6	1	—	—
SUN	26	7	20	19	02	7	19.1	14.6	19.7	15.6	13.9		18.7		15.2	66.4	13.6	1	—	—
MON	27	7	34	05	02	7	14.1	11.1	23.2	11.0	9.6		19.0	13.6	15.6	57.4	13.6	1	—	—
TUES	28	5	23	05	02	7	13.9	10.0	16.9	6.6	1.4		18.9		15.6	57.0	13.7	1	—	—
WED	29	5	27	09	02	7	13.6	10.5	17.9	7.5	3.3		18.8		15.5	56.5	14.0	1	—	—
THUR	30	6	25	09	50	7	12.6	10.4	16.5	9.8	8.0		18.6		15.4	54.7	13.9	1	—	—
FRI	1/7	7	25	05	02	7	14.0	10.1	17.1	6.9	2.7		18.2		15.3	57.2	14.0	1	—	—
SAT	2	7	20	05	02	7	15.6	12.7	18.7	10.9	9.0		18.9		15.6	60.1	14.0	1	—	—

× SHAME ON LEAVE

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h * -	~~RUN OF WIND 09h-09h~~ Cup-counter reading not reported	~~RUN OF WIND 09h-09h~~ Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
0.0	1004.5	1010.0	2.5	cat obs, light breeze, mild/cloudy day, short sunny spells, 17:45 raindrops 19:04 raindrops	12:52 mild/warm; 20:04 sunny, mild, cloudy
1.8	1006.1	1012.2	4.5	sunny bef. obs; cat obs, warm, breeze/mainly cloudy day, mainly dry + even	
5.9	999.8	1005.3	0.0	precip. early hrs; cat obs drizzle, mild, light breeze/cloudy day, 10:49 sky going to rain - stops 11:43 approx. any off rain, 14:10-14:45 approx, 17:53 raindrops then rain to 19:35 approx	
3.1	999.6	1004.7	1.8	cat obs, mild, light breeze, humid earlier/warm day, showery morn, showers in afts, mild early even	09:26 light drizzle - 10:54 raindrops
2.4	1009.5	1014.3	6.4	cat obs mild, light breeze/cloudy day, sunny spells, some showers, mild early even	09:21 raindrops sometimes feeling humid
5.7	1014.8	1020.4	2.3	sunny bef. obs; cat obs, mild, light breeze/cloudy day, 13:34 18:13 breezy	breezy, cooler, raindrops, 23:40 approx, slight + mod. rain + drizzle 17:40
tr ×	1008.0	1013.1	0.5	cat obs, warm, breezy/mainly cloudy day, 10:43 drizzle	day day, 11:21 breezy humid
0.0	1011.5	1016.6	4.6	sunny bef. obs; cat obs, warm, breezy/dry, warm day, cloudy, sunny spells, 20:27 mild, cloudy, swifty (some)	
tr	1011.0	1016.1	2.6	some sun bef. obs; cat obs, mild, light breeze/mainly cloudy day, 1 or 2 sunny spells, 14:06 raindrops ↗	some sunny spells early even
0.7	1014.4	1019.5	8.8	sunny bef. obs; cat obs, warm sun, cool breeze/some cloud, sunny spells, some showers morn + aft + early even	14:12 light rain
0.2	1015.6	1020.7	7.6	sunny bef. obs; cat obs, warm, breezy/cloudy day, sunny spells, 17:18 sunny, warm	
tr	1021.2	1026.5	3.8	some sun bef. obs; cat obs, cool, breeze/cloudy day, some sunny spells, 16:38 sunny, warm, 21:10 cloud, cool	
0.0	1023.4	1028.7	1.9	some sun bef. obs; cat obs, light breeze, warm/mainly cloudy, warm day, mild early even	
0.0	1017.1	1022.2	5.1	cat obs, light breeze, bit humid/warm, dry day, mainly cloudy morn, sunny mid afts	
					onwards

Barometer

Year / Month / Hour	Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES (Thermometer No. 122 of) At depth 10 cm	At depth 20 cm	At depth 30 cm	At depth 50 cm	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h	Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h Cup-counter reading not reported	RUN OF WIND 09h-09h Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
2011 JULY																										
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y		
SUN	3	1	20	05	02	7	17.0	12.9	19.7	11.1	6.7		19.0		15.8	62.6	14.1	1	—	—	0.0	1013.8	1018.9	12.8	sunny bef obs bat obs, light breeze, warm, sunny/sunny, warm day.	
MON	4	2	18	09	02	7	17.1	12.4	22.0	10.4	8.3		20.0	14.2	16.3	62.8	14.1	1	—	—	4.8	1011.8	1016.7	7.4	sunny bef obs bat obs, breezy, warm/sunny morn, cloudier aftn warm day, breezy late even, cloud	
TUES	5	7	14	19	02	6	15.9	14.6	22.1	12.9	11.9		20.6		16.7	60.6	14.3	1	—	—	4.6	1000.7	1005.3	4.8	mainly most rain between (overnight) 03:00-09:00 approx. cat obs mild breezy, seagull/10:57 light rain, 17:06 raindrops, cloudy but humid ↗ 19th, some short showers	cloudy day, sunny
WED	6	6	25	05	02	7	14.6	12.8	21.4	11.3	9.6		20.0		16.7	58.3	14.4	1	—	—	1.3	996.4	1001.2	6.6	precip. early hrs mn. 1st tro between 06:25 & 07:25 approx. some sun bef. ow, rain between 23:00 & 00:10 approx cat obs mild light breeze/mainly cloudy morn, sunnier aftn warm mild early even	
THUR	7	7	18	05	02	7	14.0	11.9	19.0	11.0	10.2		20.0		16.8	57.2	14.5	1	—	—	3.4	990.0	994.7	0.7	Some sun bef obs 09:17 raindrops cat obs, cool, light breeze/only rain/showers 12:15-14:35 approx ↗ 17:25 approx 20:00 rain, mild-cool	Tstr 16:10-17:10 approx. Ir 17:10-
FRI	8	8	09	13	50	6	14.7	12.3	17.0	10.6	7.7		19.6		16.5	48.5	14.6	1	—	—	0.4	993.2	998.2	2.0	cat obs humid, some dark, breezy/11:39 raindrops ↗ cloudy morn. some sunny spells late aftn. a few light showers mild early even	
SAT	9	6	27	05	02	7	14.9	12.4	17.7	9.2	4.2		19.0		16.2	58.8	14.6	1	—	—	1.8	1004.6	1009.6	7.7	Some sun bef obs cat obs, mild-warm, light breeze/cloud, sunny spells, 1 or 2 showers, warm early even	
																		1								
SUN	10	7	23	05	02	7	15.1	13.0	20.1	12.5	10.3		19.3		16.6	59.2	14.6	1	—	—	0.1	1012.4	1017.5	1.2	most rain between 03:40 & 05:00 approx cat obs mild-warm, light breeze/mainly cloudy, 12:16 fine drizzle mild early even	
MON	11	7	05	05	50	7	13.7	12.1	18.3	11.6	8.3		18.9	14.8	16.7	56.7	14.7	1	—	—	0.7	1017.4	1022.5	3.2	07:56 fine drizzle cat obs cool breeze/cloudy day, sunny spells (Tstr 09:25-09:35 approx) mild cool even	
TUE	12	5	05	05	02	7	15.6	13.0	18.5	9.3	5.0		19.5		16.9	60.1	14.8	1	—	—	0.0	1018.2	1023.1	6.7	sunny bef obs bc at obs cool breeze, sunny/dry, warm day, cloudy, sunny spells, 18:53 mainly clear ↗ sunny, mild-warm	
WED	13	3	23	05	02	7	16.7	13.4	20.2	10.9	4.7		19.8		17.1	62.1	14.9	1	—	—	0.0	1017.9	1022.8	6.4	sunny bef obs bc at obs, light breeze, warm sun/mainly sunny morn, cloudier aftn sunny, warm early even	
THUR	14	5	20	09	02	7	16.9	12.9	20.6	12.1	7.1		19.8		17.1	62.4	15.0	1	—	—	0.4	1016.8	1021.7	8.4	sunny bef obs bc at obs, warm breeze/mainly sunny morn, cloudier aftn sometimes humid day ↗ 19:23 fine drizzle	
FRI	15	7	23	13	02	7	16.3	13.1	21.9	13.2	8.1		20.4		17.1	61.3	15.1	1	—	—	1.2	1010.1	1014.9	0.2	some precip. early hrs cat obs, breezy, mild/11:47 raindrops, raindrops morn again, cloudy day.	
SAT	16	7	27	05	62	5	13.9	13.0	17.5	13.6	13.0		20.0		16.9	57.0	15.1	1	—	—	7.1	990.6	995.4	2.4	Some precip. early hrs cat obs, rain, humid, light breeze/cloudy, sunny spells, showers, warm, heavy, mild early even	

* These entries are 'thrown back' on Metform 32088

rain, humid

ATT 122m OF THORN

Year / Month / Hour	Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
2011 / JULY																				
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	17	8	29	19	50	6	14.6	13.1	17.9	10.6	5.7		19.3		17.0	58.3	15.1	1	—	—
MON	18	8	25	09	02	7	13.1	11.6	14.9	12.3	11.1		18.8	15.2	16.3	55.6	15.1	1	—	—
TUE	19	7.	29	05	02	7	13.7	11.3	14.5	11.7	10.5		18.5		16.1	56.7	15.1	1	—	—
WED	20	7	36	05	02	7	13.5	11.1	15.5	8.9	5.7		18.5		16.0	56.3	15.0	1	-	—
*THUR	21	8	09	05	02	7	13.0	10.8	15.0	10.9	10.4		18.6		15.8	55.4	15.1	1	—	—
FRI	22	6	36	05	03	7	14.1	10.5	15.7	7.6	3.0		18.3		15.7	57.4	15.1	1	—	—
SAT	23	3	27	05	02	7	13.1	11.1	17.5	6.6	1.9		18.1		15.7	55.6	15.0	1	—	—
SUN	24	6	27	05	02	7	13.5	11.0	20.3	8.3	3.3		18.8		16.1	56.3	14.8	0	—	—
MON	25	8	27	02	60	7	13.3	11.0	21.8	9.1	13.9		19.3	14.9	16.6	56.0	14.9	0	—	—
TUE	26	7	34	05	02	7	15.4	13.2	20.0	11.7	6.6		20.1		16.7	59.7	15.0	0	—	—
WED	27	1	02	05	02	7	19.2	14.7	22.4	12.8	10.0		20.8		17.3	66.6	15.1	0	—	—
THUR	28	8	02	05	02	7	14.5	12.5	23.1	12.4	12.8		20.1		17.3	58.1	15.1	1	—	—
FRI	29	8	36	05	50	7	14.5	12.6	16.2	10.1	4.7		20.0		17.0	58.1	15.2	1	-	-
SAT	30	5	14	05	02	7	17.0	14.6	18.3	10.9	6.0		20.0		16.9	62.6	15.3	0	—	—

* These entries are 'thrown back' on Metform 3208B

*Shaun on leave.

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h: Cup-counter reading not reported	RUN OF WIND 09h-09h: Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
1.1	987.3	9922	0.1	0 at obs, cool, breezy/ cloudy day, cooler.	10:24 drizzle, mild. 10:47 breezy, raindrops. 12:16 drizzle, raindrops in afn. light precip. 18:20-22:10 approx
0.8	990.0.	9949	0.0	0 at obs, breeze, cool/ cloudy day, sunset	light rain between 12:20 + 12:35 approx. mist breezy. 11:33 raindrops, cool. 17:56 drizzle mild-cool
tr[y]	1001.5	10066	1.0	some sun early morn	mild early even.
0.1	1005.6	1010.7	0.2	c at obs, light breeze, mild-cool/ cloudy, day, mild-cool.	09:21 raindrops. 14:16 drizzle. 16:52 raindrops. 18:04 cloudy, cool.
tr[x]	1013.2	1018.5	0.0	0 at obs mild-cool, light breeze/ mainly cloudy, dry day.	
tr[x]	1015.5	1020.8	5.5	sunny bef obs c at obs, light breeze, mild/ cloudy morn, with sunny spells	cloudier afn. 16:29 drops of rain, mild. 18:53 cloudy, sunny, raindrops.
0.0	1013.7	1019.0	11.1	sunny bef obs. cool b at obs, light breeze, warm sun/ warm, sunny, dry day.	
tr[x]	1010.4	1015.4	11.1	c at obs, warm, light breeze/ warm, sunny, dry day.	12:16 sunny, warm
tr[x]	1008.1	1013.1	1.7	0 at obs, almost calm, mild, raindrops/	13:38 fine drizzle. 10:37 raindrops. cloudy morn, some sun afn. fairly even.
0.0	1013.0	1017.9	1.5	c at obs humid, light breeze/ dry, warm day, cloudy, some sun late morn + early afn.	19:56, mild, cloudy
4.3	1017.0	1021.6	7.1	sunny bef obs. b at obs, warm, sunny, light breeze/ mainly sunny morn. raining lightly until 08:00.	warm day. 14:42 beginning of rain. + then mostly
tr[x]	1021.8	1026.7	0.4	mixing between at 03:35 + 05:35 0 at obs, cool breeze/ cloudy, mild-warm day, mild early even.	
tr[x]	1022.8	1027.7	0.3	0 at obs humid, drizzle, light breeze/ mainly cloudy day, warm humid.	10:15 breezier
tr[x]	1017.7	1022.6	3.7	b at obs, light breeze, warm/ mainly cloudy morn. some sun in afn. warm. 18:14 breezy, cloudy.	

tr[x] too small to collect.

Art 122 of

Therm cm

Year / Month / Hour	Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2011	July Aug.																			
SUN	31	8	18	19	02	6	16·1	14·9	21·5	13·9	12·3		20·1		17·2	61·0	15·3	0	–	–
MON	1/8	8	29	05	02	7	14·7	13·7	19·1	13·1	13·4		20·0	15·3	17·1	58·5	15·4	1	–	–
TUE	2	8	29	05	02	7	14·6	13·2	20·0	13·7	10·7		20·2		17·3	58·3	15·5	0	–	–
WED	3	7	09	05	02	7	16·5	14·0	19·9	8·9	4·2		20·1		17·2	61·7	15·5	0	–	–
THUR	4	6	18	05	50	7	17·6	15·5	21·5	14·5	11·2		19·7		17·5	63·7	15·6	0	–	–
FRI	5	7	23	09	50	7	14·0	12·0	22·4	9·7	6·5		20·4		17·5	57·2	15·6	0	–	–
SAT	6	8	05	05	60	7	13·2	12·4	16·5	11·5	10·3		20·0		17·1	55·8	15·6	1	–	–
SUN	7	7	23	05	02	7	14·3	12·2	15·7	10·4	7·1		19·1		16·9	57·7	15·7	1	–	–
MON	8	7	27	05	02	7	14·8	13·5	18·5	10·7	6·5		18·6	15·7	16·8	58·6	15·6	1	–	–
TUE	9	7	05	13	02	7	13·3	11·0	15·0	9·6	7·0		19·0		16·8	55·9	15·7	1	–	–
WED	10	8	20	24	02	6	16·0	14·6	18·4	11·0	10·5		19·5		16·8	60·8	15·6	2	–	–
THUR	11	8	09	05	02	7	16·3	15·4	18·6	15·5	14·7		20·0		16·5	61·3	15·5	1	–	–
FRI	12	8	18	13	02	7	16·0	15·0	21·0	14·5	12·9		19·8		16·9	60·8	15·6	1	–	–
SAT	13	7	23	19	01	7	14·9	13·1	18·0	13·4	11·9		19·8		16·6	58·8	15·6	1	–	–
SUN	14	5	23	12	01	7	14·9	12·4	19·1	12·0	10·3		19·7		16·9	58·8	15·6	1	–	–

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	~~RUN OF WIND 09h-09h~~ Cup-counter reading not reported	~~Diff. from prev's day~~	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
0·8	1006·8	1011·6	0·1	'a few drops of' rain bef. obs o at obs, mild, breezy / cloudy, mild - warm day. 12:44 light drizzle ↗ ins. ie between 22:25 + 23:10 approx	occas. rain in afn + evening 17:43 raindrops
0·2	1007·1	1011·9	0·9	some rain early hrs o at obs, cool, light breeze / mainly cloudy day, sometimes sunny 17:29 cloudy, raindrops ↗	13:56 mild, cloudy, followed by a few drops of rain
tr×	1008·0	1012·8	3·4	o at obs, light breeze, cool / warm day, cloudy morn, sunnier afn	
tr×	1010·3	1015·1	4·5	sunny bef. obs c at obs, warm, light breeze / cloudy day, sunny spells. 16:44 raindrops 20:18 cloud, mild	
0·1	1002·7	1007·5	5·6	some sun bef. obs + some light drizzle c at obs, warm sun, light breeze / cloudy day, sunny spells 10:23 raindrops ↗	11:45 light rain. 17:03 sunny, breezy 19:04 cloud mild breezy
1·3	1007·9	1012·7	1·6	some sun early morn c at obs mild breeze / mild, cloudy day, mild early even	
1·9	1000·7	1005·5	0·7	rain between 04:48 + 05:40 and 06:50 + 07:10 approx o at obs, light breeze, cool / 09:55 raindrops + thunder, ↗ ins ie between 12:25 + 13:25 approx	10:09 thunder - mild, mainly cloudy day 19:53 cloudy, mild.
				rr 14:49 - 15:45 approx. rain between 18:00 + 18:25 approx	
2·7	995·4	1000·4	2·1	c at obs, warm, light breeze / mainly cloudy, some sunshine late morn + early afn. mild early even	
tr	1002·2	1007·2	2·5	c at obs, light breeze, mild / 09:44 raindrops, sunny spells in afn	
1·3	1020·9	1026·0	3·1	some sun bef. obs c at obs, breezy / cloudy day, sunny spells 19:51 mild - warm, clouds. 20:45 raindrops	rain between 23:25 + 00:00 approx
14·8	1009·4	1014·2	0·1	some rain early hrs. 02:47 rain, mild o at obs, strong breeze / cloudy day. occas. rain in morn + afn, beginning to rain before mid night.	
3·6	1002·2	1007·0	0·8	mainly heavy rain 00:00 - 01:00 approx. some sun bef. obs + at obs, breeze / mainly cloudy day. rain / drizzle between 18:10 + 01:25 (on 24/11) approx	
4·7	1003·7	1008·5	0·2	some rain bef. obs o at obs, breezy / 11:42 beginning to rain, cloudy, mild, raining between ↗ 11:25 + 14:25 approx and 17:20 + 19:00 approx.	
0·1	996·6	1001·4	1·2	c at obs, breezy / cloudy, short sunny spells 10:53 cool drizzle 19:26 mild, cloudy, raindrops	
3·2	999·8	1004·6	7·6	some sun bef. obs. sunny at obs breezy / cloud, sunny spells, 10:46 rain. mild - cool day. some showers. 18:11 rain	

tr× to small to collect

18:11 rain.

ATT 122 °F

THERM cm

Year / Hour	Month / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
2011	AUG.																			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
MON	15	4	25	09	02	7	13.9	11.5	18.0	9.3	6.2		18.7	15.7	16.6	57.0	15.6	1	–	–
TUES	16	7	20	13	50	7	15.0	14.1	19.1	12.8	11.7		19.7		16.6	59.0	15.6	1	–	–
WED	17	3	23	05	02	7	13.2	10.7	18.6	7.4	2.3		18.8		16.5	55.8	15.6	1	–	–
THURS	18	7	09	02	02	7	12.2	11.2	18.7	10.3	8.9		19.0		16.5	54.0	15.6	1	–	–
FRI	19	8	20	09	60	7	11.8	10.4	17.3	6.4	1.6		18.2		16.2	53.2	15.5	1	–	–
SAT	20	5	23	09	02	7	14.5	12.4	15.5	10.7	7.0		18.2		15.8	58.1	15.5	1	–	–
SUN	21	6	20	13	02	7	15.2	13.4	19.7	12.4	5.7		18.8		16.1	59.5	15.5	0	–	–
MON	22	8	23	05	02	7	13.7	12.1	19.7	10.1	3.1		18.6		16.1	56.7	15.4	0	–	–
TUES	23	4	07	05	02	7	13.5	11.6	19.0	6.9	1.0		18.0		16.2	56.3	15.4	0	–	–
WED	24	6	25	05	54	7	13.6	12.1	20.1	11.4	6.5		19.0		16.3	56.5	15.5	1	–	–
THUR	25	4	11	05	02	7	13.9	11.7	18.2	8.3	4.5		18.3		16.0	57.0	15.5	1	–	–
FRI	26	6	29	02	02	6	12.9	12.3	18.5	7.6	5.0		17.2		15.6	55.2	15.4	1	–	–
SAT	27	5	29	05	02	7	13.3	11.7	19.1	10.1	6.7		18.0		16.0	55.9	15.3	1	–	–

* These entries are 'thrown back' on Metform 32088

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h: Cup-counter reading not reported	RUN OF WIND 09h-09h: Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
3.5	1008.0	1013.0	8.6	sunny bkg obs bc at obs, mild, breezy/sunny morn, mainly cloudy afternoon, mainly mod. rain between 17:15 & 21:10 approx	
tr	1004.6	1009.4	6.3	07:42 raindrops c at obs, cool, fine, dry/sunny, mild, sometimes warm day, sunny spells late morn onwards, ↗ dry, cool	21:45, clear
0.5	1013.5	1018.6	6.9	sunny bkg obs bc at obs, light breeze, cool, warm sun/sunny most of morn, mainly cloudy afternoon, ↗ raindrops	rain between 17:20 & 19:00 approx 18:58 cloudy, cooler
0.1	1014.0	1019.3	4.3	c at obs, cool, almost calm/cloudy day, some sunny spells 17:44 sunny, cool	
0.3	1012.0	1017.5	0.4	08:38 rain o at obs, cool, breeze/10:38 rain/hail, cool, 11:29 raindrops, 12:36 becoming breezy, raindrops, cool even	some rain/hail between 12:00 & 12:50 approx + between 13:40 & 13:55 approx
0.1	1008.1	1013.2	8.6	sunny bkg obs bc at obs, cool, breeze/dry day, sunny until cloudy, cool even	
tr*	1005.5	1010.5	7.0	some sun bkg obs c at obs, mild, breezy/sunny spells after obs, 11:45 cloudy, mild, fine drizzle, sunny after, cool even	
0.0	1015.6	1020.7	1.5	o at obs, mild – cool, light breeze/dry, mild to warm day, 17:43 mild, cool, cloudy	↗ cloudy, some sunny spells
1.1	1011.4	1016.7	6.0	bc at obs, warm sun, light breeze/dry day, sunny spells, warm, mild – warm early even	
3.3	1004.4	1009.4	7.9	rain between 06:45 & 07:15 approx after heavy drizzle. c at obs, warm sun, light breeze/mainly sunny morn, sunny spells, cool day	↗ mainly heavy rain, shower with hail in afternoon, 20:46 cool, still clear
1.3	1001.3	1006.4	5.4	sunny bkg obs bc at obs, warm sun, light breeze/sunny spells in morn, cloudier afternoon, 16:50 raindrops, 21:05 clear, cool	rain between 12:50 & 13:35 + 16:50 & 17:30 approx
0.1	1002.2	1007.7	6.4	mist bkg obs c at obs, humid, almost calm/cloudy, sunny spells, cool even	
1.7	1006.0	1011.1	6.2	bc at obs, light breeze, warm sun/cloudy day, sunny spells, some showers, 11:01 breezy, mild	
					19:21 cloudy, raindrops, 20:19 cloudy, mild.

Att: 122 of

Barometer

Year / Month / Hour	Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES (Thermometer cm) ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h	Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h ~~Cup-counter reading not reported~~	~~Diff. from prev's day~~	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
2011	AUG SEPT																									
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y		
SUN	28	5	27	05	60	7	12.1	11.1	19.1	9.6	7.5		17.8		16.0	53.8	15.3	1	—	—	0.1	1010.8	1016.1	4.9	beat obs, cool, warm sun, light breeze/ cloud, sunny spells, 09:43 rain, breezy, cloudy, mild. cool even	sometimes breezy ↑ breezy, cloudy, mild. cool even
MON	29	5	29	05	02	7	12.7	10.5	16.5	7.8	5.2		17.3	15.2	15.7	54.9	15.2	0	—	—	0.1	1013.5	1019.1	2.6	some sun but obs bc at obs, cool, light breeze/mainly cloudy day, some short sunny spells, 18:43 roundrage, cloudy.	19:36 cool, cloudy
TUES	30	7	27	05	50	6	12.7	10.9	16.3	10.1	8.6		17.4		15.6	54.9	15.2	0	—	—	tr	1014.5	1020.1	0.8	c at obs, cool, light breeze/cloudy day, some short sunny spells, mainly in morn.	mild - cool 20:18 cloudy, cool.
WED	31	8	16	02	02	7	11.0	9.7	16.1	6.6	0.3		17.2		15.6	51.8	15.2	0	—	—	0.0	1012.9	1018.5	0.5	oat obs, cool, almost calm / mainly cloudy day, dry. cool even.	
THUR	1	7	14	05	02	7	14.1	11.5	17.6	8.8	2.8		17.9		15.7	57.4	15.2	0	—	—	tr	1010.2	1015.3	3.5	sunny early morn. c at obs, light breeze, mild - cool / cloudy, some warm sunny spells, 18:14 fading, humid, sunny, cloudy.	mild even
FRI	2	6	20	13	02	7	14.3	12.5	19.3	12.5	11.8		18.3		15.9	57.7	15.2	0	—	—	10.6	1002.2	1007.3	1.1	mainly cloudy c at obs, mild - cool, breezy / 15:53 rain, sometime humid, 18:05 rain ↑ (on 3rd)	mainly rr between 18:15 and 01:50
SAT	3	7	25	12	60	7	15.2	13.7	17.6	12.6	11.8		19.0		15.8	59.4	15.1	1	—	—	tr	997.3	1002.3	1.0	some rain early hrs c at obs, mild breezy / mainly cloudy morn, some sun late afn, mild cool even	
SUN	4	7	14	05	02	7	12.1	10.0	16.3	7.9	11.8		17.7		15.6	53.8	15.1	1	—	—	6.3	998.8	1004.1	3.6	some sun early morn. c at obs, mild - cool, light breeze / 10:43 rain, 12:07 light drizzle ↑ × 15:30 approx.	mod - heavy rain between 13:25
MON	5	7	25	05	02	8	12.1	10.6	15.0	6.5	0.8		17.1	15.1	15.1	53.8	15.1	1	—	—	6.9	1000.3	1006.8	5.4	some sun but obs c at obs, cool breeze, mainly sunny morn, mainly cloudy afn, mainly mod rain between 15:40 & 19:40 approx.	mild - cool even.
TUES	6	4	25	19	60	7	13.5	11.2	18.0	11.4	9.3		17.9		15.1	56.3	15.1	1	—	—	2.8	989.7	994.8	6.4	some sun big obs bc at obs, cool breeze / breezy day, sometimes strong, between 16:20 & 18:35 strong breeze.	mainly sunny ↑ mod afn, showers in afn, raining 18:35 cloudy, cool breeze. 19:35 cool, cloudy
WED	7	8	25	19	60	7	13.0	11.6	16.1	10.4	6.7		17.6		15.0	55.4	15.0	1	—	—	9.5	1000.6	1005.9	0.2	some rain early hrs c at obs, cool breeze / 09:30 rain, cool, cloudy day, on/off rain/drizzle during day, mainly dry 8.00 p.m.	
THUR	8	7	2	02	60	8	13.3	12.5	14.0	10.4	8.5		17.2		14.7	55.9	14.9	1	—	—	0.6	998.3	1003.4	2.0	mainly mod - heavy rain between 05:35 & 08:00 approx. c at obs, mild - cool, almost calm / mainly cloudy day, some sun late morn & early afn.	15:24 cloudy, mild, rain. ↑ some rain, cloudy, breezy.
FRI	9	7	23	13	02	7	16.6	14.9	17.8	12.0	11.4		17.9		15.1	61.9	14.8	1	—	—	tr x	998.8	1003.9	2.7	some rain early hrs c at obs, mild, breezy / cloudy day, some sunny spells, warm	sometimes humid. 21:27 mild, humid, drizzle 20:06 cloudy, mild, roundrage.
SAT	10	7	14	19	02	7	17.9	16.1	21.7	16.2	14.0		19.0		15.6	64.2	14.3	1	—	—	1.0	986.9	991.8	5.8	c at obs, mild, breezy / sunny late morn & most of afn, breezy day, sometimes strong	

* These entries are 'thrown back' on Metform 3208B

Met Office

POCKET REGISTER

FOR

CLIMATOLOGICAL OBSERVATIONS

Network Manager
Met. Office
Cargo Complex
Belfast International Airport
Belfast
County Antrim
BT29 4BR

Hillary Edgar
Fax 02890525730

Chairs
5 red
12 wood antique
4 red velvet
10 Brown fabric

POCKET REGISTER

FOR
CLIMATOLOGICAL OBSERVATIONS

Designed and produced by the Met Office
Met Office and the Met Office logo are registered trademarks © Crown copyright 2005 05/0061

Metform 3100
(March 2005 edition)

POCKET REGISTER

FOR

CLIMATOLOGICAL OBSERVATIONS

The observer is strongly recommended to make frequent use of the *SPOT-ON observers guide*, as a guide to observing practices. It should be noted that the coding instructions in the Supplement to this Register (Metform 3100A) for the completion of the monthly return (Metform 3208B) rendered by stations co-operating with the Met Office, supersede those given in the previous editions.

This Pocket Register is designed for use by observers voluntarily co-operating with the Met Office, and is supplied to them, free of charge, upon application.

METEOROLOGICAL OBSERVATIONS

during period Sept 11th 2011 to Nov 30th 2013

Station ARMAGH OBSERVATORY County ARMAGH Station No .....

Lat 54 ° ..... ' ..... Long 6 ° ..... ' ..... National Grid Ref .....

Height of rain-gauge site above mean sea level 205 ft m. Irish stations to report height above Belfast MSL Datum

Hours of observation

for Metform 3208B		for Health Resort Messages		
				THROUGHOUT WHOLE YEAR †
UTC	UTC	CLOCK	TIME	BETWEEN ..... AND ..... † (dates)

Observer SIHANE KELLY

Deputy observer.....

RAIN-GAUGE No ..... Diameter ..... mm MEASURE No ..... graduated in INCHES/MILLIMETRES †

SUNSHINE RECORDER frame No. ..... Sphere No. ..... ANEMOMETER No. .....

BAROMETER No. ..... Attached thermometer No. ..... Date of N.P.L. Certificate .....

Height of cistern above mean sea level ..... m Date of Correction Card .....

† delete as appropriate.

LIST OF VISIBILITY OBJECTS

Object	Object	Bearing	Viewpoint

DETAILS OF INSTRUMENTS ETC.

New max installed 26/2/17
57615/04
old one broken after readings on 24/2/17. Spare used in interim.

Thermometer	*	Serial No. of Thermometer	† Date of N.P.L. Certificate	† Corrections by N.P.L. Certificate at										
DRY-BULB		6775/88												
WET-BULB		78162/07												
MAXIMUM		79453/08												
SCREEN MINIMUM		79453/08												
GRASS MINIMUM		70272/90												
10 cm SOIL														
20 cm SOIL														
30 cm SOIL		31428/07												
50 cm SOIL														
100 cm SOIL		31426/07												

** Pattern: Insert 'S' if the sheathed pattern, 'F' if mounted on a frame. Leave blank if 'solid stem' pattern.*

CORRECTIONS, WHERE NECESSARY, SHOULD BE APPLIED TO ALL READINGS OF THERMOMETERS BEFORE THEY ARE ENTERED IN THIS POCKET REGISTER.

† If the thermometer is certified.

ATT 122 °F

Year / Hour	Month / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
2011	SEPT																			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	11	8	18	19	50	6	12.5	12.5	21.2	11.3	9.0		18.1		15.7	54.5	14.9	1	—	—
MON	12	8	23	24	60	6	13.9	11.7	16.5	11.9	11.0		18.0	14.7	15.5	57.0	15.0	1	—	—
TUES	13	6	23	19	02	7	11.9	9.1	15.3	10.3	7.2		17.5		15.0	53.4	15.0	1	—	—
WED	14	8	23	09	52	6	11.7	11.3	15.2	10.6	8.5		17.2		14.6	53.1	14.7	1	—	—
THUR	15	7	14	05	02	7	13.4	11.9	15.1	9.1	6.0		17.0		14.3	56.1	14.3	1	—	—
FRI	16	8	14	05	63	6	13.2	12.4	15.9	11.2	6.6		17.1		14.9	55.8	14.8	1	—	—
SAT	17	4	23	09	02	7	11.1	10.1	17.5	10.2	7.2		17.0		14.9	52.0	14.7	1	—	—
SUN	18	7	29	05	60	7	12.2	11.1	15.4	10.6	7.8		16.8		14.7	54.0	14.6	1	—	—
MON	19	8	23	13	02	6	13.3	12.6	15.7	10.0	7.2		17.0	14.5	14.7	55.9	14.6	1	—	—
TUES	20	7	23	13	02	6	11.2	10.0	18.1	9.1	5.5		16.5		14.6	52.2	14.6	1	—	—
WED	21	8	23	24	60	6	12.5	10.5	16.0	10.7	7.9		16.9		14.5	54.5	14.6	1	—	—
THUR	22	6	20	13	02	6	11.2	8.8	15.0	8.2	4.7		19.1		14.1	52.2	14.5	1	—	—
FRI	23	7	16	13	02	4	13.9	12.5	15.4	11.5	9.3		19.6		14.1	57.0	14.5	1	—	—
SAT	24	7	23	09	02	6	13.1	11.2	17.1	11.0	7.0		18.9		14.2	55.6	14.3	1	—	—

* These entries are 'thrown back' on Metform 32088

BAROMETER.

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h ~~Cup-counter reading not reported~~	~~Diff. from prev's day~~	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
5.9	986.0	991.2	0.4	precip. between 02:15 & 07:00 approx. cat obs, breezy, mild / mainly cloudy day, 09:26 breezy, mild, drizzle, mod heavy rain 20:25–23:20 approx.	
tr*	980.7	985.8	0.2	strong breeze / mere gale bad obs. bad obs, strong breeze, cool / mainly dry, mainly cloudy, 17:03 strong breeze, rain * 21:20 breezy, cloudy, mild – cool.	
1.6	998.8	1004.3	7.2	sunny bit obs. cat obs, cold breeze / sometimes breezy / mainly dry, some showers, 11:21 breezy, cold * breeze, cool even. 12:52 sunny, strong	
1.6	1010.0	1015.5	0.9	precip between 03:00 & 04:30 approx. some drizzle, bad obs. cat obs, cool, drizzle, breezy / mainly cloudy day, some rain afternoon. 11:53 drizzle, cloudy, mild on/off rain. between 12:20 & 12:55 approx. mild only even.	
1.8	1013.0	1018.5	1.7	some bit dry obs. Most precip. early am. cat obs, mild, light breeze / cloudy morn. some sun in afn. 12:04 raindrops, 20:21 mild, some cloud	
5.4	1004.2	1009.5	3.0	rain 08:35 – 09:05 approx. some sunny spell mainly in afn. cat obs, light breeze, mild / mod heavy rain, partly thunder – 8:00 approx. 1 of thunderbolts, mild only even	
4.9	996.1	1001.6	3.5	bad obs, mild – cool, breeze / dull, sunny spell, showers, 10:40 raindrop, cool evening.	
0.1	1000.9	1006.4	0.1	some precip early am cat obs, light breeze, cool / mainly cloudy day, 14:23 breezy, cold, clear	
5.3	1002.9	1008.2	1.7	cat obs, breezy, cool / cloudy day, some sun late morn + eve, afn. * 19:30 & 21:30 approx. 22:00 – 2:30 approx. mild – cool early even.	
tr*	1007.2	1012.7	4.7	some sun bit obs cat obs, cool, breezy / 09:51 rain, cloudy, sunny spell, cool. 19:17 cool breeze, cloudy,	
3.3	1001.3	1006.8	3.9	07:15 breezy, cool. drizzle sunset, mod breeze morn. sunny spell often mainly. out obs, breezy, cool, raindrop / rain between 09:55 & 11:50 approx. 16:29 rain, cool even.	
0.9	1010.6	1015.9	3.7	some sun bit obs cat obs, breezy, cool / sunny spell, morn, cloudy afn. 17:59 breezy, cool, mild only even.	
0.0	1008.9	1013.7	1.3	rain between 03:15 & 04:15 & 05:15 & 07:00 approx cat obs, mild, breezy / sunny spell in morn, cloudy afn 21:38 breezy (ranger)	
0.0	1002.9	1007.9	7.8	sunny bit obs cat obs, cool, breeze / warm day, clear, strong, cloudy, one 2 blks in afn. 19:55, mild, clear.	

Att 122cm °F

Therm

Year / Month / Hour	Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2011 SEPT OCT																				
SUN	25	6	16	19	02	6	14.4	12.3	17.7	11.8	7.0		18.5		14.3	57.9	14.5	1	—	—
MON	26	1	23	13	02	7	12.8	9.8	16.4	7.0	2.4		19.2	14.1	14.1	53.2	14.3	1	—	—
TUES	27	7	18	13	02	6	15.8	14.1	15.9	12.3	9.0		19.9		14.1	60.4	14.2	1	—	—
WED	28	1	18	13	02	6	17.4	15.2	20.2	14.3	10.6		20.3		14.5	63.3	14.3	1	—	—
THUR	29	7	18	13	02	7	16.6	15.0	22.8	16.1	11.8		21.1		15.0	61.9	14.2	1	—	—
FRI	30	7	18	19	02	7	18.6	15.1	20.1	15.3	10.7		21.1		15.2	65.5	14.2	1	—	—
SAT	1/10	8	02	02	60	6	12.4	12.1	19.0	12.1	12.0		19.6		15.1	54.3	14.3	1	—	—
SUN	2/10	8	36	02	50	4	11.4	11.2	13.1	11.0	10.7		18.7		14.3	52.5	14.5	1	—	—
MON	3	7	23	19	60	6	16.0	14.8	16.1	11.4	9.5		19.3	14.2	14.7	60.8	14.5	1	—	—
TUE	4	8	23	09	02	7	11.4	9.2	18.5	9.1	6.8		18.9		14.4	52.5	14.4	1	—	—
WED	5	8	23	19	50	6	15.5	14.2	15.6	11.4	10.9		19.6		14.1	59.9	14.3	1	—	—
THUR	6	6	23	24	60	7	7.2	6.2	16.6	6.1	4.2		18.9		13.9	45.0	14.2	1	—	—
FRI	7	4	29	13	02	7	10.2	9.6	10.6	7.2	5.5		18.6		13.1	50.4	14.1	1	—	—
SAT	8	8	2[illegible]	13	52	6	12.6	12.1	14.4	8.2	5.2		17.8		13.1	54.7	14.1	1	—	—

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	~~RUN OF WIND 09h-09h~~ Cup-counter reading not reported	~~RUN OF WIND 09h-09h~~ Diff. from Prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
8.1	1001.4	1006.5	0.2	cat obs, cool breeze/cloudy day, tr 11:35-12:00 approx, mod. heavy rain, 14:25-15:25 approx	cool even
tr	1012.3	1017.6	4.5	sunny bef obs. bat obs, early sunny, breezy/cloud, sunny spells, 16:14 mistings, 19:36 mild breeze	
0.0	1015.8	1020.7	2.6	Some sun bef obs cat obs, mild breezy/mild-warm, cloudy morn, some sun in afts, mild even	
tr*	1015.0	1019.9	9.2	sunny bef obs bat obs, warm sun, breezy/sunny, warm day, 12:00 breezy, 14:24 still breezy, 19:17 some cloud, warm	
0.0	1013.3	1018.1	3.3	sunny after obs cat obs, cool, breezy/warm, dry day, sunny, warm, cloudier aft, warm early even	
14.2	1010.9	1015.7	0.1	cat obs, cool, breezy/cloudy, mild-warm day, 10:45 misting, ↗ by morn, light rain to 22:30 approx	cloudy, tr 11:55-17:55 approx fallen
18.2	1018.1	1023.2	0.0	cat obs, cool, mistings, almost calm/fair, tr 10:55-12:25 approx ↗ mod. between 20:45 & 00:10 (2nd) approx	18:34 mild, cloudy, dizzy late aft & early even, misting slight -
0.1	1017.1	1022.4	0.0	RR 4 tr 02:00 & 05:35 approx cat obs, mild, fog, almost calm/mild, cloudy day, mild even	
0.3	1005.8	1010.8	2.9	11:35 breezy cat obs, mild breezy/cloudy day, some sunny spells, clearer early aft, ↗ 20:37 clear, mild-cool	sometimes breezy day
tr*	1010.8	1016.1	0.0	cat obs cool breeze/cloudy day, 10:15 breezy, cool, sometimes breezy, mild early even	
4.5	1001.1	1005.9	1.5	07:38 breezy cat obs, mild cool breeze, drizzle/10:03 drizzle, breezy, some showers in afts, 20:45 clear, cool	sometimes breezy, 16:40 breezy, drizzle, rain
6.6	1000.9	1006.0	5.1	Some sun bef obs. cat obs, cold, strong breeze/sometimes breezy morn, showers, some heavy, ↗ in afts, some heavy, cool even	10:46 breezy, cloud with sunny spells, showers
0.4	1016.0	1021.3	5.4	bat obs, cool breeze/cloud, sunny spells, sometimes breezy, ↗ 17:15 sunny, mild-warm, 20:02 cool breeze, clear, mild-cold	
0.1	1017.5	1023.0	1.8	cat obs mild-cool, due to/mainly cloudy day, some sunny spells, mild-warm, 17:18 tr 20:25 cloudy even, some drizzle for an hour.	

showers, on/off rain between 21:25 & 07:00 (0.4 approx)

Net
Mel
Can
Bel
Bel
Can
BT2

Barometer

Year / Month / Hour	Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES (Thermometer 122 cm) At depth 10 cm	At depth 20 cm	At depth 30 cm	At depth 50 cm	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h	Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h Cup-counter reading not reported	RUN OF WIND 09h-09h Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC (11.4 mild - cool, drizzle, breeze)	After 09h UTC (19:42 mild, light rain.)
2011	OCT.																									
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y		
SUN	9	8	23	19	52	6	15.0	14.0	18.2	12.6	12.8		19.0		13.6	59.0	14.0	1	—	—	13.2	1008.8	1013.8	0.0	oat obs, mild breezy, drizzle / cloudy day, mod drizzle between 14:00 & 15:25 approx ^ + drizzle to 00:00	then mainly light rain
MON	10	8	27	05	60	6	12.2	11.9	16.0	12.2	12.0		19.2	13.7	13.9	54.0	13.9	2	—	—	19.0	1006.1	1011.2	0.6	cont: slight mod drizzle 00:00-01:00 approx then mod to obs. oat obs, mild, light breeze / mainly cloudy day, 14:00 mild evening, slight + mod rain 16:25 approx to 00:00	
TUES	11	8	23	02	61	6	12.6	12.2	14.7	11.7	11.5		20.0		14.1	54.7	13.9	1	—	—	6.0	1010.3	1015.3	0.2	TT 00:00 - 02:25 approx then prob. drizzle after - obs. mainly oat obs, mild, drizzle, almost calm / cloudy, mild day ? fog + drizzle 14:00 approx - 00:00.	
WED	12	6	27	05	02	7	14.7	14.0	15.1	10.6	10.5		19.8		14.1	58.5	14.0	1	—	—	tr	1013.2	1018.1	2.7	Some sun but obs. (prev - 02:00 - 04:00 approx) oat obs, light breeze, mild / cloudy day, short sunny spells, mild - warm, 19:45 cool, some cloud.	
THUR	13	7	16	02	02	7	12.6	10.5	16.5	8.0	2.2		19.3		14.1	52.9	14.0	1	—	—	tr*	1021.7	1027.0	2.3	oat obs, mild, almost calm / cloudy morn, more sunny spells in afth, mild cool eve.	
FRI	14	6	16	05	02	6	13.9	12.6	16.6	12.2	8.4		19.2		14.1	57.0	14.0	1	—	—	4.0	1021.6	1026.7	0.4	Some sun but obs oat obs, light breeze, mild / cloudy day, 22:20 rain/drizzle, rain 17:50 - 18:50 approx 19:45 cold, mild, breeze	^ rain 22:50 - 00:25 (5 hr) approx
SAT	15	8	18	19	50	6	13.6	12.6	15.5	13.1	12.0		19.0		14.1	56.5	14.0	1	—	—	2.1	1016.4	1021.5	0.4	oat obs, mild, breezy / cloudy, mild day, mod drizzle 11:35 - 13:40 approx. cool even.	^ only light rain 18:20 - 18:40 approx
SUN	16	4	20	05	02	7	10.2	9.2	14.5	7.9	4.1		18.0		13.9	50.4	14.0	1	—	—	3.5	1015.1	1020.6	6.2	Sunny but obs. oat obs, cool breeze, sunny / cloud, sunny spells. 20:00 breezy, mild - cool	
MON	17	8	23	05	62	6	9.4	8.3	14.0	9.4	7.0		19.0	13.7	13.4	49.9	13.0	2	—	—	20.5	1001.9	1007.0	1.2	some rain overnight as light breezy / 11:11 breezy (sometimes breezy, gusty) day ^ 20:27 clear sky, cold breeze. oat obs, cool, light breeze, rain / tr obs - 10:25 approx. RR 12:50 - 14:25 approx. Rain between 23:00 & 23:30 approx	only light rain between 01:15 & 06:45 approx
TUES	18	6	23	24	03	7	6.8	6.5	12.0	3.7	1.7		17.5		12.5	44.2	13.8	1	-	—	1.3	1004.6	1010.1	4.4	Some sun but obs, cat obs, strong breeze, cold / sunny spells, showers, cold even.	
WED	19	6	25	13	02	7	5.5	4.5	11.0	3.5	-1.3		17.8		11.8	41.9	13.7	1	—	—	1.9	1014.1	1019.7	4.8	Some sun but obs. cat obs, breezy, cool / sunny spells, some showers, cold even.	
THUR	20	8	18	19	02	7	6.7	5.6	10.6	3.1	-1.1		18.2		11.4	44.1	13.5	1	—	—	3.8	1020.8	1026.4	0.4	Some sun but obs. oat obs, breezy, cool, cloudy, mild - cool day, previ. 14:30 - 18:15 approx ^ 21:30 approx	mainly between 21:15
FRI	21	8	20	19	02	7	12.0	10.8	12.2	6.7	7.5		18.2		11.4	53.6	13.2	1	-	—	tr	1010.0	1015.3	0.2	oat obs breezy, mild - cool / cloudy day. 17:23 cold, breezy, cloud. ^ sunshine, breezy, cool	cooler Rain on arrival.
SAT	22	7	16	24	01	7	12.2	10.4	14.1	11.1	8.4		17.4		11.8	54.0	13.0	1	-	—	2.3	999.7	1005.2	0.0	oat obs, strong breeze, cool / cloudy day, mainly in afth (usually good, pleb) breezy day sometimes.	19:45 mainly clear, mild - cool. 20:50 mild, clouding.

SHANE OFF 18th – 23rd inclusive

* These entries are 'thrown back' on Metform 3208B

Note: 18, 19, 20 Oct. Kamil & Syu 21, 22, 23 Oct Onu & Zhou

Year / Hour	Month / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES (THERM ATT 122 cm °F) At depth 10 cm	At depth 20 cm	At depth 30 cm	At depth 50 cm	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09	Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h Cup-counter reading not reported	RUN OF WIND 09h-09h Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y		
SUN	23	8	16	09	03	7	10.5	8.4	12.5	8.3	4.6		16.8		12.8	50.9	13.0	1	—	—	22.4	993.5	999.0	0.0	oat obs, mild - cool breeze / 09:55 raining, light, mild. * cool rain, mainly mod - heavy from 11:10 approx to 21:15 approx. Frost end by midnight	
MON	24	8	18	09	02	7	12.6	10.7	15.0	10.4	8.9		18.9	12.7	12.0	54.7	12.9	1	—	—	34.8	984.3	989.4	0.0	poss. late sun, sun 09:55 raining, light, mild - light rain & drizzle 14:00 - 15:15 approx then cont mod - oat obs, mild, breeze / cloudy, mild - cool day. * heavy rain to 21:15 approx.	
TUES	25	7	18	02	02	6	8.4	8.1	12.9	7.7	2.0		13.8		12.1	47.1	12.8	1	—	—	8.4	985.3	990.4	2.3	cloudy morn. cat obs, almost calm, cool / 10:55 raining, light, FT 14:50-12:25 approx, sunnier afternoon, cold eve	
WED	26	7	18	02	02	7	5.9	5.0	10.6	3.9	-1.7		16.1		11.6	42.6	12.9	1	—	—	tr	991.9	997.7	6.5	Sunny obs cat obs, cool, almost calm / sunny day until dusk, dusk day, 19:44 clear sky, cool	
THUR	27	8	18	05	02	6	8.2	7.6	11.7	5.6	0.4		17.9		11.1	46.8	12.7	1	—	—	0.1	1000.1	1005.4	1.8	oat obs, cool, light breeze / 11:03 drizzle, mainly cloudy morn, some sunny spells afternoon, 18:55 clear, mild - cool. 14:22 very fine clear.	
FRI	28	1	16	09	02	7	6.1	5.1	12.9	4.7	-1.0		17.5		10.9	43.0	12.6	1	—	—	1.5	1013.2 x	1018.8	2.8	Some sunny obs breeze late aft. 18:15 breezy, dry sunny / rain after short period. h.st obs, breezy, cold / mainly cloudy, mild. * long spell in afternoon, 2 mm in 2 min 15:50 approx, dark, mild, 21:52 mild	
SAT	29	8	25	13	60	7	13.1	12.0	13.1	6.1	4.0		17.3		11.0	55.6	12.5	1	—	—	1.9	1002.5	1007.8	2.7	poss. light rain / drizzle 00:10 - 04:40 approx. Sunnier aft. oat obs, mild breeze, raindrops / mainly cloudy morn, 1st half heavy shower around 12:10, mild eve.	
SUN	30	3	18	09	02	6	12.0	10.6	15.5	11.2	8.5		17.8		11.4	53.6	12.4	1	—	—	0.1	1004.9	1009.5	2.3	Some sun but hz obs. beat obs, sunny, cool breeze / sunny until about 11:00 then cloudy day, mild. 22:15 mild, some cloud. (drizzle probably)	
MON	31	7	18	13	50	6	15.0	13.1	15.4	12.0	10.3		19.2	12.1	11.9	59.0	12.3	1	—	—	5.5	997.7	1002.7	0.3	cat obs, breezy, mild / 10:50 shower, 12:10 light rain then tR + 5 + tr mainly to 17:15 approx	
TUES	1/11	0	20	05	02	7	7.2	6.3	15.7	5.5	0.2		21.8		11.7	45.0	12.4	1	—	—	tR	1000.3	1004.9	7.7	Sunny bit eve oat obs, cool, sunny, light breeze / mainly sunny, mild day, 20:08 clear sky, cool. * Sometimes breezy, intervals	
WED	2	7	14	24	02	6	13.3	11.6	13.3	7.2	1.9		18.2		11.3	55.9	12.4	1	—	—	0.9	990.2	995.3	0.4	cat obs, breezy, mild / 11:02 breezy, raindrops. * 14:24 raindrops, breezy, 15:24 raindrops, breezy, 18:11 breeze, shower, raindrops, ov all light rain/drizzle on 19:35 - 21:50 approx	
THUR	3	6	14	19	02	6	14.0	12.5	14.2	13.0	8.7		18.9		11.6	57.2	12.4	1	—	—	2.3	980.3	985.2	1.5	mainly cloudy cat obs, breezy, mild / 09:33 raindrops, ie 09:45-10:25 approx. * ov all rain 14:30-16:15 approx.	
FRI	4	5	23	05	02	6	8.5	7.9	15.9	8.2	2.0		18.0		11.7	47.3	12.2	1	—	—	tr*	986.3	991.5	6.5	22:02 breezy, mild, clear sky. bc at obs, cool, light breeze / sunny day, day, 14:17 sunny (warm sun) * 17:50 clear, cold. cold soon.	
SAT	5	9	20	05	45	3	1.7	1.6	13.1	0.8	-2.1		15.9		11.1	35.1	12.3	1	—	—	0.0	1005.7	1011.5	5.5	hoarfrost obs, cold, light breeze / sunny late morn + aftn, 20:21 clear sky, cool	

* These entries are 'thrown back' on Metform 32088

x Maybe 1003.2?

Att 122 °F

Year / Month / Hour	Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	THERM cm SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2011	Nov.																			
SUN	6	0	13	02	02	6	2.1	1.8	11.4	0.6	-4.9		14.8		10.5	35.8	12.3	1	—	—
MON	7	0	05	02	02	7	1.6	0.5	12.2	-0.5	-5.5		16.0	12.0	9.7	34.9	12.1	1	—	—
TUES	8	8	02	02	50	6	10.1	8.9	12.7	1.3	-3.3		17.5		9.6	50.2	12.0	1	—	—
WED	9	8	11	13	50	6	12.1	11.5	12.2	9.9	8.5		18.1		10.1	53.8	11.8	1	—	—
THUR	10	2	16	13	02	7	10.7	9.2	15.5	9.2	3.7		17.9		10.5	51.3	11.7	1	—	—
FRI	11	8	11	13	02	6	12.7	11.1	15.3	8.3	1.8		18.2		10.4	54.9	11.7	1	—	—
SAT	12	5	13	05	02	7	8.3	7.2	13.0	7.9	3.7		16.4		10.5	46.9	11.7	1	—	—
SUN	13	7	09	05	02	6	12.0	11.3	13.2	8.3	3.9		17.1		10.4	53.6	11.6	1	—	—
MON	14	7	09	05	02	6	9.6	9.0	14.3	9.4	5.7		18.1	11.3	10.6	49.3	11.6	1	—	—
TUES	15	8	07	05	02	6	9.1	8.8	11.6	4.1	-0.9		17.2		10.2	48.4	11.6	1	—	—
WED	16	6	05	05	02	6	6.3	5.7	10.7	5.4	-0.2		16.2		9.9	43.3	11.6	1	—	—
THUR	17	8	16	13	02	6	8.2	7.2	11.2	6.2	1.7		17.2		10.0	46.8	11.5	1	—	—
FRI	18	8	14	09	50	6	12.8	11.7	13.5	8.2	7.1		18.5		10.1	55.0	11.5	1	—	—
SAT	19	7	16	12	60	6	12.2	10.9	14.1	11.9	9.5		17.6		10.5	54.0	11.2	1	—	—

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h ~~Cup-counter reading not reported~~	~~Diff. from prev's day~~	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
0.0	1021.4	1027.6	8.0	Sunny bef obs bat obs, cool, sunny, frost on grass, almost calm/	sunny, mild - cool day. 19:18 clear sky, cool - cold, moonlit. ↗ 20:15 clear, cool - cold.
tr*	1022.0	1028.0	7.9	bat obs, cool, sunny, frost on grass, almost calm/	dry, sunny day. 17:45 cool, cloud. 21:14 mild - cool, cloudy.
1.4	1010.3	1015.8	0.0	08:39 drizzle. cat obs, almost calm, mild / cool day,	12:47 drizzle, cool. 17:16 drizzle, cool. ↗ drizzle, late afternoon + eve.
1.5	1002.1	1007.4	1.2	some mist/drizzle early hr cat obs, mild, drizzle, breezy/ mixture of fog	Sunny spells after lt day & drizzle to 12:00 approx. 18:29 raindrops, mild. 20:27 ↗ moonlit, thin cloud, mild.
tr	1007.7	1013.0	7.5	Sunny bef obs. bat obs, mild - cool, breezy/ sunny, dry,	sometimes warm day. 20:43 cool, clear sky, moonlit.
15.9	1003.7	1009.0	0.0	cat obs, mild, breezy/ 10:53 raindrops,	12:24 breezier mostly m 11:10 - 16:18 approx (sometimes heavy). ↗ 21:47 mostly clear, mild
tr*	1013.7	1019.5	4.4	some sun bef obs bat obs, cool, light breeze/ mild day,	sunny spells, dry. 21:04 thin cloud, mild.
tr*	1020.0	1025.6	1.8	cat obs, mild, light breeze/ mainly cloudy	day, some sunny spells, mild. 20:28 cloud / breezy, mild.
0.0	1017.8	1023.3	1.8	cat obs, light breeze, mild - cool / cloudy,	cool day, some sunny spells. 20:43 cold, thin cloud. ↗ 21:45 mild.
0.0	1014.3	1019.9	0.0	cat obs, light breeze, mild / cloudy,	dry, cool day. 20:48 mild, cool, patchy cloud.
9.5	1010.2	1016.0	0.0	cat obs, mild, light breeze / cloudy, mild	day. 16:06 cool, light drizzle. ↗ mostly fr 16:45 - 00:00 (Air mass - 03:15 approx 6°F)
9.7	1006.0	1011.5	0.0	cat obs, mild, breezy / 09:12 raindrops,	10:52 fr 09:20 - 14:15 approx then mostly, but cloud to 16:20 approx. Sometimes breezy, below breezy, mild.
0.1	1000.7	1005.8	0.0	cat obs, mild, breezy / 09:53 breezy,	15:18 breezy, mild - cool, drops of rain. 18:23 raindrops. cloudy day, mild. 20:18 mild, raindrops.
2.4	1004.9	1010.2	1.3	cat obs, mild - cool, rainbar, breezy / sun	for a while, after obs then cloudy, raining 16:19 - 18:50 approx 19:47 mild, drizzle

ATT 122 °F

THERM cm

Year / Month	Hour	Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09
2011 Nov/Dec																					
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	20	5	18	05	02	6	10.0	9.1	13.7	9.4	4.3		17.2		10.7	50.0	11.3	1	—	—
MON	21	7	16	02	02	6	9.9	9.3	13.0	9.2	5.0		18.2	11.1	10.7	49.8	11.4	1	—	—
TUES	22	0	20	05	02	7	2.9	2.6	10.9	2.4	-2.5		16.7		10.5	37.2	11.5	1	—	—
WED	23	8	23	19	60	6	10.8	9.3	11.0	2.7	-1.2		18.8		10.0	51.4	11.5	1	—	—
THUR	24	8	18	24	02	7	11.6	9.6	12.6	9.3	8.9		18.7		10.2	52.9	11.2	1	—	—
FRI	25	6	25	24	62	7	5.8	5.5	12.4	4.0	0.5		17.1		10.1	42.4	11.2	2	—	—
SAT	26	8	23	24	60	6	10.1	9.3	10.1	5.1	1.5		16.6		9.6	50.2	11.2	2	—	—
SUN	27	1	23	13	02	7	6.6	4.6	13.1	6.1	1.8		17.1		10.1	43.9	11.1	2	—	—
MON	28	7	18	17	02	7	7.7	6.0	10.0	5.1	0.7		17.0	10.9	9.5	45.9	11.1	1	—	—
TUES	29	8	27	09	63	6	7.4	6.6	12.7	7.4	6.2		18.2		9.6	45.3	11.1	3	—	—
WED	30	6	18	19	02	7	5.4	4.3	7.4	3.5	0.5		17.2		9.1	41.7	11.0	1	—	—
THUR	1	6	23	09	02	7	3.5	2.4	10.0	2.4	0.0		17.5		8.8	38.3	10.9	1	—	—
FRI	2	8	23	09	02	7	3.1	2.3	7.0	0.6	-2.8		15.9		8.1	37.6	10.7	1	—	—
SAT	3	4	25	09	60	7	5.6	4.6	10.1	3.1	1.9		17.0		8.0	42.1	10.6	1	—	—

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h Cup-counter reading not reported	RUN OF WIND 09h-09h Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
V	W	X	Y		
3.0	1009.5	1015.0	1.7	bc at obs, cool, light breeze/cloudy day, * fair, sunny spells, sun/cl rain or showers b/4 noon 21:00 < 18:00 on 21	18:32 light rain, cool, 20:50 mainly clear day, cold. 14:37 clear sunny 14.0, mainly light - mod rain 18:00 - 21:30 approx, sometimes cool
5.0	1005.8	1011.1	0.0	cat obs, mild, almost calm/10:38 mild & muggy	17:35 clear, breezy, cook.
tr	1013.7	1019.5	6.9	sunny b/4 obs, bc at obs, cool, light breeze, frost on grass/mainly sunny, cool day, light rain between 07:00-09:50.	20:20 cloudy, cool
1.3	1012.4	1017.7	0.4	cat obs, mild, breezy, mild/mainly cloudy, mild day, occas drizzle, rain + drizzle 21:50 - 01:10 approx	drizzle late afternoon + early eve. light
5.5	1010.7	1016.0	0.0	breezy, b/4 obs, sometimes breezy. bc at obs, mild, strong breeze/cloudy day, mainly gr 14:35-20:00 approx, mild - cool	20:25 light rain, cloudy, mild - cool.
0.7	1010.0	1015.7	3.4	Some rain, early hr, cat obs, strong breeze/sometimes breezy day, sl/fair showers, sunny morn, sl/fair day, cloudier eve.	19:54 cool
6.0	1010.0	1015.5	0.0	Some rain early hr, breezy b/4 obs, cat obs, cool breeze/sometimes breezy day, cloudy *	mainly gr 11:00 - 13:00 approx 20:15 cloudy, mild breezy, r.r. 22:50-00:00 *
0.1	1011.6	1017.4	4.4	(r + t) 00:00 - 00:15 approx, bc at obs, mild, breezy/sunny to early afternoon, cloudy after, clear, cool, early eve.	18:54 cool, drizzle
17.8	1011.0	1016.6	0.5	cat obs, some breeze/mainly cloudy, mod drizzle 18:00 - 19:15 then rr to 21:25 then r of a - 00:00	
2.8	985.1	990.3	1.9	pos. fog + drizzle 00:00 - 04:30 approx then mainly rr to 08:00. breezy 16:25 mainly cold, breezy - cat obs, cool, breezy/rr. occ - 11:00 approx, cold day, some sun in afternoon.	20:15 clear, cold.
5.1	1003.8	1009.5	0.0	cat obs, cold breeze/09:15 breezy, cloudy day, sometimes breezy	11:23 rain, 14:02 breezy, or 18:20 - 19:15 approx raining between 21:35 + 23:40 approx, heavy -
tr*	998.2	1003.7	2.2	some rain early hr, cat obs, cold breeze/sunny spells late morn + p/m, cold day, 11:00 raining	gather wet. frost on cars. 17:37 cool, clear, 20:25 clear cold
0.5	1004.1	1009.9	0.0	cat obs, cold breeze/cloudy, cold day, 12:14 raining lightly, some rain in eve, cold	
5.5	994.5	1000.2	2.4	some rain early hr, bc at obs, cold breeze/cloud, sunny spells, some showers, 20:36 cloud, cold	

16:03 drizzle
18:00 drizzle/light rain

for a while.
20:29 breezy, some cloud, cool

ATT 122 °F

Barometer

Year 2011 / Hour	Month DEC. / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES (Thermometer cm) ~~At depth 10 cm~~	~~At depth 20 cm~~	At depth 30 cm	~~At depth 50 cm~~	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h	Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h ~~Cup-counter reading not reported~~	~~Diff. from prev's day~~	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y		
SUN	4	8	25	05	62	7	3.6	3.0	8.7	3.2	1.5		16.7		7.9	33.5	10.5	2	—	—	6.6	993.9	999.6	0.1	[illegible]	[illegible]
MON	5	6	23	09	02	6	1.2	0.7	3.9	0.5	-1.5		19.3	10.1	7.2	34.2	10.2	—	2	—	4.1	998.2	1003.5	1.5	[illegible]	[illegible]
TUES	6	8	23	09	02	8	2.6	2.0	3.4	0.9	-0.5		20.6		6.6	36.7	10.1	1	—	—	3.0	1000.5	1005.5	0.0	[illegible]	[illegible]
WED	7	3	25	09	62	7	3.2	2.0	6.6	2.5	-0.8		17.2		6.6	37.8	10.0	1	—	—	4.5	999.6	1005.3	3.0	[illegible]	[illegible]
THUR	8	7	25	37	62	6	9.6	9.1	10.6	2.6	0.3		16.2		6.5	49.3	9.7	2	—	—	5.3	986.6	992.2	0.6	[illegible]	[illegible]
FRI	9	8	23	09	72	5	1.2	0.9	9.6	0.4	-0.4		16.4		6.5	34.2	9.6	—	2	1cm	1.9	1001.6	1007.4	3.6	[illegible]	[illegible]
SAT	10	7	20	05	02	7	1.7	1.1	4.1	-0.4	-4.0		13.3		5.8	35.1	9.3	1	—	—	0.3	1006.9	1013.2	0.6	[illegible]	[illegible]
SUN	11	7	18	05	02	7	5.1	4.5	7.0	1.6	1.0		15.1		6.1	41.2	9.2	1	—	—	2.9	995.9	1001.9	0.6	[illegible]	[illegible]
MON	12	1	20	09	02	7	2.4	1.9	5.7	1.2	-1.9		16.2	8.8	5.9	36.3	9.1	1	—	—	4.7	993.2	999.0		[illegible]	[illegible]
TUES	13	3	23	24	70	6	2.3	0.9	8.0	1.1	-0.5		17.1		5.8	36.1	9.0	1	—	—	1.2	969.3	974.8	3.2	[illegible]	[illegible]
WED	14	8	23	19	60	8	2.4	1.6	5.0	2.0	0.2		15.7		5.6	36.3	8.8	1	—	—	tr	978.7	984.4	1.5	[illegible]	[illegible]
THUR	15	2	20	05	02	7	1.7	1.3	4.4	-0.6	-5.6		18.3		5.3	35.1	8.7	4	—	—	tr	989.5	994.9	2.1	[illegible]	[illegible]
FRI	16	7	25	05	70	6	0.3	0.0	5.0	-1.6	-6.5		14.9		5.1	32.5	8.6	4	—	—	2.0	982.6	988.7	0.2	[illegible]	[illegible]
SAT	17	6	25	05	02	7	1.9	1.1	2.6	-0.1	-6.2		12.8		4.6	35.4	8.5	1	—	—	2.5	1005.1	1011.4	1.2	[illegible]	[illegible]

Electricians knock chamber + pen off balance in tilting siphon gauge. * These entries are 'thrown back' on Metform 32088
Therefore no trace on graph after 16:00. ⊗ cannot change sunshine card - micro switch in remote broken.

Wed 13:49 1mm → 15:20 5mm gr

ATT 122 °F

Year / Hour	Month / Date	Total cloud	WIND Direction	WIND Speed	Present weather	Visibility	SCREEN Dry bulb	SCREEN Wet bulb	SCREEN Max. *	SCREEN Min.	GRASS MIN. at 09h	CONCRETE MIN. at 09h	SOIL TEMPERATURES (THERM cm) At depth 10 cm	At depth 20 cm	At depth 30 cm	At depth 50 cm	At depth 100 cm	STATE OF GROUND without snow or ice cover	STATE OF GROUND with snow or ice cover	Total SNOW depth at 09h
2011	DEC																			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
SUN	18	5	23	05	60	7	1·5	1·1	5·0	0·0	-4·6		12·0		4·6	34·7	8·2	1	—	—
MON	19	8	23	09	63	6	6·4	6·0	6·6	1·1	-1·0		14·8	7·8	4·6	43·5	8·1	2	—	—
TUES	20	7	23	05	02	7	5·0	3·9	9·8	4·2	1·8		15·0		5·2	41·0	8·0	1	—	—
WED	21	8	23	09	02	6	11·1	10·2	11·5	4·7	3·7		16·4		5·7	52·0	8·0	1	—	—
THUR	22	6	23	13	02	6	10·5	9·2	11·9	10·3	8·5		17·0		6·8	50·9	8·0	1	—	—
FRI	23	7	23	05	02	7	5·9	5·0	12·2	5·6	2·5		16·6		7·5	42·6	8·1	1	—	—
SAT	24	8	18	19	02	7	7·0	5·8	7·2	2·1	-1·3		14·2		6·7	44·6	8·2	1	—	—
SUN	25	8	23	24	50	7	11·6	10·6	11·8	7·0	5·9		15·1		7·1	52·9	8·2	1	—	—
MON	26	8	20	19	02	7	12·7	10·6	13·5	11·4	10·0		15·9		8·0	54·9	8·3	1	—	—
TUE	27	8	09	05	50	6	6·7	6·4	13·3	6·0	2·2		14·0		8·4	44·1	8·5	1	—	—
WED	28	3	23	24	62	7	4·7	3·6	10·1	4·6	2·9		13·1		8·2	40·5	8·6	1	—	—
THUR	29	7	23	13	62	7	6·7	6·0	7·9	4·0	1·0		12·1		7·4	44·1	8·7	2	—	—
FRI	30	8	16	05	60	6	5·8	5·4	8·3	4·3	1·0		11·1		7·1	42·4	8·6	1	—	—
SAT	31	8	23	13	60	6	10·9	10·2	11·5	5·8	5·3		12·1		7·5	51·6	8·6	1	—	—

* These entries are 'thrown back' on Metform 3208B

Barometer

Total amount of RAIN 09h-09h *	RUN OF WIND 09h-09h: Cup-counter reading not reported	RUN OF WIND 09h-09h: Diff. from prev's day	Total SUN for the day	[WEATHER DIARY AND REMARKS (midnight to midnight)] Before 09h UTC	After 09h UTC
Y	W	X	Y		
5·3	1012·4	1019·1	2·2	milder b.c.at obs, light breeze, cool/fair, breezy, mild, about 11:00 thin cloud, over. 20:11 E mainly clear ↗ cold	
1·7	1002·9	1008·9	1·1	rr 03:50 approx - abs o.at obs, mild, breeze/rain, sto - 19:35 approx, mainly cloudy, mild day, mild early even.	
2·3	1010·9	1017·1	0·0	c.at obs, light breeze, mild/no 48 raindrops, cloudy day, rr. 16:30 - 19:35 approx 20:51 cloud, mild, cool	
0·1	1010·8	1016·6	0·0	o.at obs, mild, breeze/cloudy, mild day, mild even	
2·5	1014·4	1020·0	0·2	c.at obs, cool breeze / mild, cloudy day, 18:05 drizzle. 20:05 breezy, rain drops. breezy - cold prob. some drizzle, tm gone 00:00	
0·7	1007·6	1013·3	0·6	heavy rain at about 00:50 for 10 mins approx (0·5 cm) thin mist rain to 02:50 approx. c.at obs, mild, light breeze, 1st 2 short periods of rain in morn and eve. some sun morning? in eve. 21:11 some cloud, cold. Bitter cars	
1·2	1016·1	1022·3	0·0	o.at obs, cool, breeze/cloudy, mild day, light precip. 12:35-14:00 + 15:00 - 17:35 approx. 19:21 cloudy, breezy, cool. 21:32 some cloud, light drizzle, mild	
0·1	1010·8	1016·6	0·0	o.at obs, strong breeze/cloudy, breezy day, mild. 20:29 cloudy, breezy mild	
2·4	1014·7	1020·5	0·1	o.at obs, mild, breezy/cloudy, mild day, 10:05 mainly clear, breezy. 12:47 breezy, cloudy, mild. 20:34 cloud, light drizzle, mild. 16° + 18°	
3·2	1021·4	1027·7	0·1	o.at obs, cold, light breezy/cloudy, cool day, 20:51 some cloud, cold breeze. rr 22:35 approx - 00:00	
11·9	1003·6	1009·9	0·2	some rain, wet, hail b.at obs, fair, strong breezy/breezy/mainly, mild, rain to 12:50 approx. 20:09 mainly clear, cold	
0·7	1010·4	1016·7	0·0	rr 01:25 - 02:13 approximation only of precip. rain - abs. c.at obs, cool breeze/mainly dry other obs, cloudy, cool day, 21:34 some cloud, cool.	
5·0	1010·8	1017·7	0·0	precip. bef. obs. o.at obs, calm, light breeze/rr obs 11:25 approx, gutter rain in afn. cloudy day, 21:25 cloudy, mild	
1·5	999·2	1005·5	0·0	some rain between 05:00 + 07:00 o.at obs, cool, breezy/mainly cloudy, cool day. Some rain late even, mild + cool early morn.	

cool