

1998 January	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	990.3	11.8	6.0	4.7	16	24	8	6	60	1	13.9	13.9	0.0	0.0	6.4	8.7
2	978.1	12.1	4.5	3.7	20	13	4	8	02	1	8.4	22.3	2.8	2.8	6.5	8.7
3	971.1	11.7	6.2	4.6	20	24	5	7	02	1	5.6	27.9	2.5	5.3	6.5	8.5
4	976.9	10.3	2.1	1.7	09	09	8	6	69	1	23.6	51.5	0.0	5.3	5.7	8.5
5	989.9	13.2	-0.3	-0.7	00	00	3	8	02	3	2.8	54.3	3.6	8.9	5.1	8.4
6	999.2	13.8	3.8	3.1	16	13	8	6	63	2	5.2	59.5	2.7	11.6	4.6	8.2
7	992.2	13.9	3.1	2.1	20	09	4	8	02	1	4.1	63.6	2.0	13.6	4.3	8.0
8	998.7	15.0	4.6	4.1	16	09	6	8	25	1	4.7	68.3	0.1	13.7	4.1	7.7
9	1006.4	16.4	13.1	10.7	18	19	7	7	02	1	0.4	68.7	2.0	15.7	5.5	7.5
10	1008.4	15.3	12.1	11.1	18	13	7	6	02	1	Tr	68.7	0.2	15.9	7.1	7.6
11	1002.0	15.2	11.9	10.5	16	13	7	6	02	1	0.2	68.9	0.0	15.9	7.6	7.7
12	1001.1	16.4	9.5	8.4	18	13	7	6	80	1	1.4	70.3	1.6	17.5	7.4	7.9
13	1002.6	17.4	5.0	4.8	00	00	8	5	61	1	6.1	76.4	0.0	17.5	7.0	8.1
14	1003.3	17.8	3.9	3.1	20	09	5	8	02	1	3.3	79.7	6.1	23.6	6.7	8.1
15	997.6	17.0	4.9	3.8	18	13	3	7	02	1	0.8	80.5	4.9	28.5	6.3	8.1
16	1011.4	17.0	5.1	4.4	23	02	4	8	02	1	Tr	80.5	5.2	33.7	6.2	8.0
17	1016.2	15.3	7.3	6.5	20	09	8	7	02	1	4.2	84.7	0.0	33.7	6.2	8.0
18	985.3	14.6	7.0	6.5	09	09	8	6	63	1	13.7	98.4	0.0	33.7	6.5	8.0
19	1014.1	17.0	0.8	-0.1	36	09	3	8	02	1	0.1	98.5	6.6	40.3	6.6	8.0
20	1030.2	15.9	-0.9	-1.8	00	00	5	8	03	1	5.6	104.1	0.0	40.3	5.1	7.9
21	1023.7	16.3	9.2	8.6	18	13	8	6	80	1	0.2	104.3	0.0	40.3	5.0	7.8
22	1024.1	17.3	10.3	9.6	16	09	8	7	02	1	6.6	110.9	0.0	40.3	6.5	8.1
23	1031.7	18.3	7.8	7.7	00	00	9	5	47	1	0.7	111.6	0.0	40.3	6.7	7.7
24	1040.1	15.3	0.5	0.1	00	00	3	7	02	1	Tr	111.6	3.2	43.5	6.2	7.8
25	1040.0	14.2	1.2	0.6	00	00	3	7	02	1	0.0	111.6	6.5	50.0	7.0	7.7
26	1037.6	15.8	-3.4	-3.7	00	00	2	5	10	1	0.0	111.6	4.4	54.4	5.1	7.7
27	1029.8	16.4	1.1	0.2	00	00	7	6	10	1	Tr	111.6	0.0	54.4	4.7	7.6
28	1025.8	16.3	-1.1	-1.4	00	00	9	4	45	1	0.0	111.6	0.6	55.0	4.7	7.5
29	1026.0	16.4	0.4	0.0	00	00	9	3	45	1	0.0	111.6	0.0	55.0	4.4	7.5
30	1023.9	17.0	2.7	2.5	00	00	8	4	44	1	0.0	111.6	0.0	55.0	4.7	7.4
31	1023.0	13.6	2.0	1.3	09	02	8	5	10	1	0.0	111.6	0.0	55.0	4.7	7.2

5th Jan 1998 Replaced Min Therm MET 21201 BS 692 Min 2/c 10A 68479/86 WITH NEW MIN THERM 487 BS 692 MIN 2/c AMH 71650/96
 Δ MAX THERM BROKEN READING TAKEN FROM THERMOGRAM 5th * AIR BUBBLE MIN THERM. 29th * AIR BUBBLE GRASS MIN THERM. 14th New Max 2/c 10A 21101 55335/89 62155

TEMPERATURE

JANUARY 1998

REMARKS:

MAX.	MIN.	GRASS. MIN.	
10.3	1.5	-2.0	03:20 ^h pro, oSt 24 ice at obs, / roro -10:50 ^h , 10:50 ^h -12:30 ^h rr, 13:00 ^h -14:00 ^h rr, 14:00 ^h -17:50 ^h ice, 18:10 ^h pr, 19:50 ^h pr, 19:50 ^h -21:30 ^h ir 19.
9.8	4.0	0.4	bc Cu 13 at obs, Sunny spell am, 12:00 ^h bc 19, 12:45 ^h pro, Broken sun pm, 14:30 ^h pro, 16:00 ^h c 24, 20:00 ^h c 19, 23:50 ^h -23:59 ^h pro.
6.3	5.2	2.0	00:01 ^h -05:00 ^h pro, 02:30 ^h -03:00 ^h PR, 07:30 ^h pro, bc Cu 24 at obs, slight sun am, 12:00 ^h pr, 24, slight sun pm, 15:05 ^h pr, 11:00 ^h c 30, 21:50 ^h pr, 22:40 ^h pr 30
2.7	1.6	-1.1	08:05 ^h -obs rs, oSt 09 rs at obs, / rs-10:00 ^h , 10:00 ^h -13:30 ^h SS, 14:00 ^h bc 19, snow lying, 16:00 ^h bc 09 snow thaw, 20:00 ^h b 09 freezing.
4.1	-0.4*	-2.1	bc Ci calm snow lying 50mm at obs, / bc 11:35 ^h pro, slight sun am, 12:00 ^h bc 05 sun, Sunny spell pm, 16:00 ^h bc 05, 20:00 ^h b 05
7.0 Δ	-1.4	-5.1	07:40 ^h -obs rr, oSt 13 rr at obs, / rr-10:30 ^h , 10:30 ^h -11:40 ^h roro, 12:00 ^h bc 13 sun, 12:50 ^h pro, Broken sun pm, 16:00 ^h bc 09, 20:00 ^h bc 09.
5.0 Δ	3.0	1.9	bc Cu 09 at obs, / Broken Sunny morn, 12:00 ^h bc 09, slight sun pm, 16:00 ^h c 09, 16:50 ^h PR, 19:20 ^h pr, 20:00 ^h c 09, 20:25 ^h pro.
12.0 Δ	1.5	2.7	07:10 ^h -07:20 ^h pro, 07:20 ^h -08:30 ^h pr, c Cu 09 at obs, / slight sun am, 12:00 ^h c 13, c after, 15:50 ^h -20:10 ^h rr, 22:00 ^h -23:50 ^h roro
13.5 Δ	4.0	4.9	c Cu 19 at obs, Broken sun morn, 12:00 ^h bc 19, Broken sun pm, 16:00 ^h c 19, 20:00 ^h bc 13, 22:50 ^h pro.
13.8 Δ	12.0	10.6	02:20 ^h pro, c Cu 13 at obs, c morn, 12:00 ^h c 13, slight sun pm, 16:00 ^h c 13, 20:00 ^h c 09.
12.4 Δ	9.5	7.7	c Cu 13 at obs, / c morn, 12:00 ^h c 13, 12:40 ^h pro, c after, 16:00 ^h c 19, 20:00 ^h c 19.
11.0 Δ	7.2	4.6	c Cu 13 pro at obs, / c - bc Broken sun am, 12:00 ^h c 13, Broken sun pm, 16:00 ^h bc 13, 20:00 ^h bc 09, Moon halo.
5.8 Δ	4.4	2.2	06:40 ^h -obs roro, oSt 00 roro mist at obs, / roro-13:00 ^h , 13:00 ^h -14:50 ^h rr, 14:50 ^h -15:30 ^h roro, 15:30 ^h -16:50 ^h rr, 17:00 ^h c 09, 20:00 ^h c 09.
7.7	3.5	-0.6	Sun before obs, bc Cu 09 at obs, / Sunny morn, 12:00 ^h bc 13 sun, Sunny after, 16:00 ^h bc 13, 20:00 ^h bc 13, 22:00 ^h -23:50 ^h rr.
6.8	3.8	0.3	bc Cu 13 at obs, / Mostly sunny morn, 12:00 ^h bc Cu 13, Sunny spells pm, 16:00 ^h bc 13, 19:30 ^h pr, 20:00 ^h bc 09, 20:20 ^h pr, 22:00 ^h pro,
8.7	4.0	0.1	bc Cu 02 at obs, / Sunny morn, 12:00 ^h bc 05 sun, Broken sun after, 16:00 ^h bc 05, 20:00 ^h bc 05.
8.6	4.6	2.0	o Cu-St 09 at obs, / o morn, 12:00 ^h o 09, o after, 16:00 ^h o 09, 20:00 ^h o 09.
6.9	6.5	4.7	04:00 ^h -06:50 ^h roro, 06:50 ^h -obs rr, oSt 09 rr at obs, / rr-16:30 ^h , 16:30 ^h -17:30 ^h roro, 18:00 ^h c 09, 20:00 ^h c 09.
4.3	0.4	-2.2	00:55 ^h -07:20 ^h roro, bc Cu 09 at obs, / Sunny morn, 12:00 ^h bc 05 sun, Sunny after, 16:00 ^h bc 05, 18:00 ^h freezing, 20:00 ^h b freezing.
9.2	-4.5	-9.7	Frost slight sun before obs, bc St - but calm frost at obs, bc am, 12:00 ^h c 05, 16:00 ^h c 09, 19:20 ^h -23:59 ^h roro
11.9	-1.1	-3.2	00:01 ^h -01:20 ^h roro, oSt-Cu 13 pro at obs, / o morn, 12:00 ^h o 13, o - c after, 16:00 ^h c 13, 20:00 ^h c 13 mild night.
11.0	9.0	6.5	oSt-Cu 09 at obs, / o morn, 12:00 ^h o 09, o - c after, 16:00 ^h o 05, 16:40 ^h pr, 17:30 ^h -23:59 ^h roro.
8.1	7.5	7.1	00:01 ^h -06:00 ^h roro, foggy calm at obs, / c morn, 12:00 ^h c Cu 05, 12:55 ^h pr, 15:30 ^h pr, 16:00 ^h bc 05, 17:00 ^h bc pr, 20:00 ^h bc 05 freezing.
6.4	0.2	-3.9	Frosty before obs, bc Cu calm at obs, Mostly sunny morn, 12:00 ^h bc 05, bc after, 16:00 ^h bc 05, 20:00 ^h bc 05 freezing.
6.4	0.2	-3.3	Frosty before obs, bc Cu-Ci calm at obs, / Sunny morn, 12:00 ^h b 02, Mostly Sunny pm, 16:00 ^h b 02, 18:00 ^h b 02, freezing 20:00 ^h b 02.
5.6	-4.1	-8.6	Frosty mist before obs, b Ci misty, frosty at obs, / Sunny spell am, 12:00 ^h b 02 sun, Sunny spell pm, 16:00 ^h bc 02, 20:00 ^h bc 02.
1.7	-3.5	-4.5	c Cu calm mist at obs, / mist clearing, 12:00 ^h c Cu 02, c after, 16:00 ^h c 02 mist, 20:00 ^h c 02 mist freezing.
1.8	-1.5	-6.4	Frosty fog calm at obs, / fog clearing, 12:00 ^h c 02, slight sun pm, 16:00 ^h c 02 HAZE, 20:00 ^h c 02 mist
4.6	-1.4	-5.3	Frosty fog calm at obs, / fog clearing, 12:00 ^h c 02 HAZE, c after, 16:00 ^h c 02 HAZE, 20:00 ^h c 02 HAZE.
5.1	0.1	0.1	Fog before obs, o Cu calm fog at obs, / fog clearing, 12:00 ^h o calm, 16:00 ^h c 02, 20:00 ^h bc 02 freezing.
4.4	0.5	-4.6	o Cu 02 frosty + mist at obs, / 12:00 ^h c Cu 02, 16:00 ^h bc 05, 20:00 ^h bc 05, freezing.

1998

SNOW
OR
SLEETSNOW
LYING
09:00^hSNOW
LYING
0^h-24^h

HAIL

THUNDER

FOG
09:00^hFOG
0^h-24^hAIR
FROSTGROUND
FROST

GALE

JANUARY

JANUARY 1998

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TOTAL RAINFALL 111.6 mm 4.39 ins.

TOTAL SUNSHINE 55.0 hrs

MAX. TEMP. 13.8°C on 10th

MIN. TEMP. -4.5°C on 20th

LOWEST MAX. TEMP. 1.7°C on 27th

HIGHEST MIN. TEMP. 12.0°C on 10th

MEAN MAX. 7.5°C

MEAN MIN. 2.5°C

MEAN TEMP. FOR MONTH 5.0°C ✓

MIN. GRASS TEMP. -9.7°C on 20th

HIGHEST BAR M.S.L. 1040.1 mb on 24th

LOWEST BAR M.S.L. 971.1 mb on 3rd

HIGHEST DAILY SUNSHINE 6.6 hrs on 19th

HIGHEST DAILY RAINFALL 23.6 mm on 4th

1998 FEBRUARY	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1011.8	12.2	1.1	0.6	18	05	4	5	10	1	0.0	0.0	5.2	5.2	4.6	7.1
2	1019.0	15.6	1.2	0.9	23	09	2	7	10	1	0.0	0.0	6.4	11.6	4.5	7.1
3	1015.3	15.4	1.8	1.4	20	05	3	7	05	1	0.2	0.2	4.6	16.2	4.2	7.0
4	1011.4	16.3	4.6	3.9	20	05	3	8	02	1	0.1	0.3	3.3	19.5	4.5	7.0
5	1015.7	17.0	6.4	5.4	20	13	5	7	02	1	0.0	0.3	2.4	21.9	5.0	6.9
6	1008.0	15.4	7.7	5.9	20	25	8	7	02	1	3.5	3.8	0.3	22.2	5.6	6.9
7	1014.3	13.8	2.8	1.3	23	13	3	8	03	1	0.4	4.2	7.6	29.8	5.3	7.0
8	1015.1	14.7	9.9	8.8	25	24	8	6	02	1	11	4.2	0.1	29.9	5.3	7.0
9	1013.3	16.3	10.7	9.1	23	13	7	7	02	1	0.7	4.9	0.0	29.9	6.6	7.0
10	1019.9	18.0	6.8	5.7	20	13	6	8	02	1	1.1	6.0	0.0	29.9	6.8	7.1
11	1010.8	17.9	12.2	11.0	23	24	8	7	02	1	0.1	6.1	0.0	29.9	7.2	7.2
12	1019.0	18.3	13.1	11.6	23	24	8	7	02	1	0.0	6.1	0.0	29.9	8.1	7.4
13	1024.9	19.0	12.0	10.7	20	09	3	6	02	1	0.0	6.1	4.3	34.2	8.7	7.5
14	1024.4	17.0	12.4	11.0	20	09	8	7	02	1	0.0	6.1	0.0	34.2	8.4	7.8
15	1021.8	17.0	13.1	11.0	16	13	8	7	02	1	0.7	6.8	0.1	34.3	9.2	8.0
16	1019.7	18.2	9.4	8.4	32	09	7	8	02	1	0.1	6.9	3.1	37.4	9.1	8.1
17	1033.9	18.2	10.3	9.7	23	09	8	7	02	1	0.0	6.9	1.7	39.1	8.9	8.3
18	1029.1	18.6	7.7	6.6	16	09	6	7	02	1	0.0	6.9	0.0	39.1	9.3	8.4
19	1019.9	17.9	10.0	8.4	18	13	6	7	02	1	0.0	6.9	0.5	39.6	8.8	8.5
20	1003.2	17.4	11.1	11.0	16	24	8	7	02	1	0.7	7.6	0.0	39.6	9.1	8.6
21	1002.4	14.8	6.5	6.2	18	09	1	7	02	1	0.3	7.9	4.3	43.9	8.6	8.7
22	1021.4	13.4	3.9	3.6	23	09	1	7	02	1	11	7.9	5.4	49.3	7.5	8.7
23	1029.2	16.6	11.0	10.8	23	09	8	6	02	1	0.0	7.9	0.0	49.3	7.6	8.6
24	1037.2	17.0	8.4	8.1	23	05	1	7	02	1	0.0	7.9	2.0	51.3	8.2	8.6
25	1036.6	17.6	8.6	8.4	18	09	7	7	02	1	1.5	9.4	0.5	51.8	8.4	8.6
26	1027.6	17.0	6.4	6.1	23	09	4	7	02	1	0.0	9.4	3.2	55.0	8.3	8.6
27	1008.2	17.6	8.1	8.0	23	30	5	7	02	1	2.4	11.8	0.8	55.8	7.9	8.6
28	1013.6	14.0	1.2	1.0	23	09	5	7	03	5	3.8	15.6	5.2	61.0	6.8	8.6
29																
30																
31																

TEMPERATURE

FEBRUARY 1998

REMARKS:

MAX.	MIN.	GRASS. MIN.	
8.0	0.2	-4.2	bc Cu 05 frost at obs, / Broken Sun am, 12:00 ^h bc 05, Broken Sun pm, 16:00 ^h bc 05, 20:00 ^h bc 05 freezing.
8.1	0.0	-4.6	b Ci 09 frost mist at obs, / Mist clearing, Broken Sun am, 12:00 ^h bc 05 sun, Sunny after, 16:00 ^h bc 05, 20:00 ^h bc 05, freezing.
7.5	0.5	-3.8	bc Cu 05 haze Frost at obs, / Broken sun morn, 12:00 ^h bc 05, Mostly Sunny after, 16:00 ^h bc 05, 20:00 ^h bc 05.
8.9	1.7	0.0	bc Ci-St 05 at obs, / Broken Sun am, 12:00 ^h bc 09, Broken Sun pm, 16:00 ^h bc 09, 20:00 ^h bc 09.
9.8	4.2	2.5	0045 ^h pre, bc Cu 13 at obs, / Broken Sun am, 12:00 ^h bc 13, slight sun pm, 16:00 ^h bc 13, 20:00 ^h bc 19.
9.1	6.3	5.1	o A-St 24 at obs, / slight sun am, 12:00 ^h bc 19, 14:30 ^h -16:10 ^h ir, 17:00 ^h bc 19, 17:45 ^h pr, 20:00 ^h bc 19, 22:50 ^h pr.
10.0	1.0	-1.8	slight sun before obs, bc Ci 13 sun at obs, Sunny morn, 12:00 ^h bc Ci 13 sun, Sunny after, 16:00 ^h bc Ci 09, 20:00 ^h bc 09, 23:30 ^h pre,
12.4	1.7	-0.2	o St 24 at obs, / o morn, 12:00 ^h bc 24, slight sun pm, 16:00 ^h bc 19, 20:00 ^h bc 19.
11.6	9.7	8.6	04115 ^h pre, c Cu-St 13 at obs, / c morn, 11:40 ^h pre, 12:00 ^h bc 13, c after, 15:20 ^h pre, 16:00 ^h bc 13, 18:40 ^h pre, 20:00 ^h bc 13.
12.4	5.8	2.6	c Cu 13 at obs, / c morn, 12:00 ^h bc 13, 13:45 ^h pre, c after, 16:00 ^h bc 13, 16:10 ^h pre, 17:30 ^h pre, 20:00 ^h bc 19.
13.1	6.6	5.5	03:40 ^h pre, o Cu 24 at obs, / o-c morn, 12:00 ^h bc 24, c after, 16:00 ^h bc 24, 20:00 ^h bc 30.
13.7	12.0	10.9	o Cu-St 24 at obs, / o-c morn, mild, 12:00 ^h bc 19, c after, 16:00 ^h bc 19, 20:00 ^h bc 19 mild night.
15.9	11.6	10.0	Sun before obs, bc Cu-Ci 09 sun at obs, / Sunny spell am, 12:00 ^h bc 09, Sunny spell pm, 16:00 ^h bc 09, 20:00 ^h bc 09.
13.9	10.5	9.0	o Cu 09 at obs / o-c morn, 12:00 ^h bc 19, c after, 16:00 ^h bc 19, 20:00 ^h bc 13, (SAHARA Rain over night)
13.9	11.4	9.6	o Cu 13 at obs, / o-c morn, 12:00 ^h bc 24, slight sun pm, 16:00 ^h bc 24, 20:00 ^h bc 30
12.2	8.4	6.6	Gace 37 during night. 00:00 ^h pre, 02:50 ^h pre, 07:10 ^h pre, c Cu 09 at obs, / 10:10 ^h pre, Sun spell am, 12:00 ^h bc 13 sun, Sunny spell pm, 16:00 ^h bc 09, 20:00 ^h bc 09.
13.8	7.5	3.0	o Cu 09 at obs / o-c morn, 12:00 ^h bc 09, Broken sun pm, 16:00 ^h bc 09, 20:00 ^h bc 09.
10.8	7.1	4.4	c Cu 09 at obs, / c morn, 12:00 ^h bc 09, c after, 16:00 ^h bc 13, 20:00 ^h bc 13
12.4	6.0	6.0	c Cu 13 at obs, / slight sun am, 12:00 ^h bc 13, c after, 16:00 ^h bc 13, 20:00 ^h bc 19.
13.4	9.5	8.5	o Cu-St 24 at obs, / 10:20 ^h pre, 12:00 ^h bc 24 pre, c after, 16:00 ^h bc 24, 20:00 ^h bc 24.
9.6	4.5	2.1	Sunny before obs, b Ci 09 sun at obs, / Sunny morn, 12:00 ^h bc 09, 15:20 ^h pre, 16:00 ^h bc 09, 20:00 ^h bc 09, 21:20 ^h bc 05.
11.0	1.1	-2.8	Sun before obs, b Ci 09 sun at obs, / Mostly Sunny morn, 12:00 ^h bc 09, slight sun after, 16:00 ^h bc 09, 20:00 ^h bc 24.
11.6	3.7	2.2	o Cu 09 at obs, / o-c morn, 12:00 ^h bc 09, c after, 16:00 ^h bc 13, 20:00 ^h bc 09.
12.3	7.1	4.8	Slight sun before obs, b Ci 05 sun at obs, / Sunny spell am, 12:00 ^h bc 05, Broken sun pm, 16:00 ^h bc 05, 20:00 ^h bc 05.
10.1	7.9	6.6	c Cu 09 at obs, / slight broken sun am, 12:00 ^h bc 09, c after, 16:00 ^h bc 09, 20:00 ^h bc 19.
9.4	6.1	3.6	01:40 ^h pre, bc Ci 09 at obs, / Broken sun am, 12:00 ^h bc 19, Broken sun pm, 16:00 ^h bc 19, 20:00 ^h bc 30.
9.4	6.2	4.7	bc Cu 30 at obs, / slight broken sun am, 11:30 ^h -15:40 ^h pre, 16:00 ^h bc 24, 17:59 ^h pre, 20:00 ^h bc 24, 22:00 ^h pre so
5.7	0.6	-1.6	Snow during night, slight sun, bc Cu-St 09 snow lying at obs, Mostly sunny am, 12:00 ^h bc 09, slight sun pm, 16:00 ^h bc 19, 16:00 ^h pre, 17:50 ^h -21:00 ^h pre.

19.98

FEBRUARY

SNOW
OR
SLEETSNOW
LYING
09:00^hSNOW
LYING
0^h-24^h

HAIL

THUNDER

FOG
09:00^hFOG
0^h-24^hAIR
FROSTGROUND
FROST

GALE

FEBRUARY 1998

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TOTAL RAINFALL

15.6 mm

0.61 ins

TOTAL SUNSHINE

61.0 hrs

MAX. TEMP.

15.9°C on 13th

MIN. TEMP.

0.0°C on 2nd

LOWEST MAX. TEMP.

5.7°C on 28th

HIGHEST MIN. TEMP.

12.0°C on 12th

MEAN MAX.

11.1°C

MEAN MIN.

5.7°C

MEAN TEMP. FOR MONTH

8.4°C

MIN. GRASS TEMP.

4.6°C on 2nd

HIGHEST BAR M.S.L.

1037.2 mb on 24th

LOWEST BAR M.S.L.

1002.4 mb on 21st

HIGHEST DAILY SUNSHINE

7.6 hrs on 7th

HIGHEST DAILY RAINFALL

3.8 mm on 28th

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1998 MARCH	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1009.6	12.3	2.6	2.4	18	09	4	8	02	1	1.3	1.3	5.7	5.7	6.2	8.5
2	1007.8	15.0	4.9	4.9	00	00	8	6	05	1	5.7	7.0	0.0	5.7	6.1	8.3
3	992.0	16.2	6.4	6.3	23	05	8	6	50	1	0.3	7.3	0.0	5.7	7.1	8.2
4	991.5	16.3	3.4	3.2	23	13	1	7	02	1	3.3	10.6	3.2	8.9	6.7	8.2
5	1011.9	16.0	2.6	2.4	20	13	6	7	02	1	2.2	12.8	3.6	12.5	6.1	8.2
6	1006.3	16.1	4.2	3.9	09	05	8	5	50	1	7.7	20.5	0.0	12.5	6.2	8.1
7	996.2	15.0	8.8	7.4	20	09	4	8	02	1	0.9	21.4	6.0	18.5	7.0	8.0
8	1012.0	14.3	5.6	4.7	32	05	6	7	02	1	0.1	21.5	1.4	19.9	7.6	8.0
9	1023.9	15.9	4.8	4.1	23	05	1	6	02	1	1.5	23.0	5.9	25.8	7.3	8.0
10	1009.5	16.6	8.0	7.7	20	19	8	5	01	1	3.3	26.3	1.3	27.1	7.6	8.1
11	1022.9	16.7	5.4	3.3	29	19	3	7	01	1	1.2	27.5	6.0	33.1	7.7	8.2
12	1028.1	16.8	7.0	7.7	20	09	8	6	01	1	tr	27.5	0.0	33.1	7.5	8.2
13	1031.2	17.0	7.9	6.5	23	09	8	7	02	1	0.0	27.5	1.8	34.9	7.9	8.3
14	1036.1	15.4	9.0	7.6	16	05	8	7	02	1	0.0	27.5	0.0	34.9	8.4	8.4
15	1035.6	15.1	8.7	7.1	20	05	8	7	02	1	0.0	27.5	0.0	34.9	8.7	8.4
16	1030.2	17.0	8.6	7.4	20	13	8	7	02	1	tr	27.5	0.4	35.3	8.8	8.5
17	1029.2	17.6	10.1	9.0	20	09	3	7	01	1	0.0	27.5	5.0	40.3	9.0	8.6
18	1037.2	17.2	8.6	7.0	23	09	5	7	01	1	0.0	27.5	2.9	43.2	9.1	8.7
19	1043.9	16.9	6.7	5.7	00	00	7	7	02	1	0.0	27.5	2.2	45.4	8.4	8.7
20	1042.6	18.0	8.0	7.1	00	00	8	8	02	1	0.0	27.5	0.0	45.4	8.7	8.7
21	1039.8	16.1	7.9	6.7	00	00	8	7	02	1	0.0	27.5	0.1	45.5	9.0	8.7
22	1038.5	15.2	6.6	5.8	00	00	8	5	05	1	0.0	27.6	0.0	45.5	8.8	8.8
23	1033.2	16.6	8.1	6.2	20	05	8	5	10	1	6.1	33.6	0.0	45.5	8.8	8.9
24	1027.1	17.2	8.0	7.3	00	00	7	7	02	1	6.0	39.6	0.0	45.5	8.6	8.9
25	1019.6	19.1	10.0	9.6	18	09	8	6	05	1	2.1	41.7	0.2	45.7	9.1	8.9
26	1000.8	18.0	11.9	10.7	23	19	8	6	02	1	1.1	42.8	2.8	48.5	9.6	9.0
27	1007.4	17.9	11.9	10.7	18	09	7	6	01	1	tr	42.8	1.0	49.5	9.5	9.1
28	1006.8	16.3	11.2	9.4	18	09	7	6	02	1	0.2	43.0	2.0	51.5	9.8	9.2
29	1006.4	16.4	10.8	9.8	00	00	8	6	02	1	8.2	51.2	0.0	51.5	9.7	9.3
30	1003.2	17.4	11.5	9.7	18	19	6	8	01	1	0.1	51.3	2.5	54.0	10.0	9.3
31	1016.8	17.3	10.2	8.2	00	00	3	8	02	1	0.0	51.3	6.1	60.1	9.7	9.4

TEMPERATURE

MARCH 1998

MAX.

MIN.

GRASS.
MIN.

REMARKS:

7.5	0.6	-1.0	02:20 ^{pr} , slight sun before obs, bc Cu-c: 09 sun at obs / Sunny morn, 12:00 ^{bc} 09 sun, 14:00 ^{pr} , Broken sun pm, 16:00 ^{bc} 19, 18:20 ^{pr} , 20:00 ^{bc} 19.
10.5	2.4	0.7	06:20 ^{pr} -08:10 ^{do} , o Cu calm Haze at obs / o-c morn, 11:20 ^{pr} -16:00 ^{do} , c 09, 17:30 ^{pr} -18:20 ^{pr} , 18:20 ^{pr} -19:50 ^{do} , 20:00 ^{bc} 19.
7.7	4.7	4.7	05:50 ^{pr} -09:00 ^{do} , o Cu St 05 at obs / 09:30 ^{pr} , o morn, 12:00 ^{bc} 09, c after, 16:00 ^{bc} 09, 20:00 ^{bc} 09.
6.5	1.4	-2.2	slight sun before obs, b Cu 13 sun at obs / Sunny spell am, 11:30 ^{pr} , 12:00 ^{bc} 09, 12:30 ^{pr} -14:40 ^{pr} , 16:00 ^{bc} 09, slight sun 20:00 ^{bc} 13.
7.2	0.5	-1.8	slight ^{snow} during night, sun before obs, bc Cu 13 at obs / Broken sun am, 12:00 ^{bc} 09, slight sun pm, 16:00 ^{bc} 09, 20:00 ^{bc} 09.
11.4	2.5	-0.9	00:30 ^{pr} -05:00 ^{ro} , c 05, 06:00 ^{pr} -08:00 ^{do} , o St 05 id6 Haze at obs / 10:40 ^{pr} -16:00 ^{ro} , 15:20 ^{pr} -16:10 ^{pr} , 17:00 ^{bc} 05, 18:40 ^{pr} , 20:00 ^{bc} 05, 23:10 ^{pr} -23:59 ^{pr} .
11.8	4.1	3.8	00:01 ^{pr} -00:20 ^{pr} , 06:40 ^{pr} , Sun before obs, bc Cu 09 sun at obs / Mostly sunny morn, 12:00 ^{bc} 09 sun, 12:20 ^{pr} -13:20 ^{pr} , Broken sun pm, 16:00 ^{bc} 05, 17:40 ^{pr} .
8.4	3.9	0.6	00:40 ^{pr} , slight sun before obs, bc Cu 05 at obs / slight sun am, 12:00 ^{bc} 05, slight broken sun pm, 16:00 ^{bc} 09, 20:00 ^{bc} 09.
10.6	1.3	-2.5	Sun before obs, b Cu 05 sun at obs / Sunny spell am, 12:00 ^{bc} 05 sun, Broken sun pm, 16:00 ^{bc} 05, 20:00 ^{bc} 05.
10.2	4.7	3.4	06:20 ^{pr} -07:20 ^{pr} , o Cu 19 at obs / 09:05 ^{pr} , Sunny spell am, 12:00 ^{bc} 13, 13:55 ^{pr} , 15:20 ^{pr} , slight sun spells, 20:00 ^{bc} 13.
10.0	2.9	2.3	Sun before obs, bc Cu 19 sun at obs / Broken sun am, 10:50 ^{pr} , 12:00 ^{bc} 13, 13:00 ^{pr} , 14:10 ^{pr} HAIL 88, Broken sun pm, 16:00 ^{bc} 13, 17:00 ^{pr} .
11.3	2.8	-0.6	o Cu 09 at obs / o-c morn, 12:00 ^{bc} Cu 09, c after, 16:00 ^{bc} 09, 20:00 ^{bc} 09.
12.5	6.9	5.2	o Cu 09 at obs / slight broken sun am, 12:00 ^{bc} bc 09, slight broken sun pm, 16:00 ^{bc} 09, 20:00 ^{bc} 09.
10.7	7.5	5.4	o Cu 05 at obs / o-c morn, 12:00 ^{bc} 05, c after, 16:00 ^{bc} 05, 20:00 ^{bc} 09.
11.5	5.7	6.7	o Cu 05 at obs / o-c morn, 12:00 ^{bc} 09, c after, 16:00 ^{bc} 09, 20:00 ^{bc} 09.
11.3	6.9	5.9	o Cu 13 at obs / slight broken sun, 12:00 ^{bc} bc 09, c after bc 09, 16:00 ^{bc} 09, 20:00 ^{bc} 09.
15.1	8.5	7.0	Sun before obs, bc Cu 09, at obs / slight sun am, 12:00 ^{bc} bc 13, Mostly sunny after, 16:00 ^{bc} 09, 20:00 ^{bc} 09.
11.5	6.2	1.5	Sun before obs, bc Cu 09 at obs / Sunny spell am, 12:00 ^{bc} bc 09, bc after, 16:00 ^{bc} 09, 20:00 ^{bc} 09.
11.9	3.0	-2.1	c Cu calm at obs / Sunny spell am, 12:00 ^{bc} bc 05, c after, 16:00 ^{bc} 05, 20:00 ^{bc} 05.
10.7	6.2	3.7	o Cu calm at obs / o morn, 12:00 ^{bc} 05, c after, 16:00 ^{bc} 05, 20:00 ^{bc} 05.
10.2	7.0	5.9	22 nd o Cu calm Haze at obs / o-c morn, 12:00 ^{bc} 05, c after, 16:00 ^{bc} 05, 20:00 ^{bc} 05. (22 nd) MARCH 1998
9.9	4.4	-1.1	23 rd o Cu 05 mist at obs / o morn, 12:00 ^{bc} 13, c after, 16:00 ^{bc} 13, 20:00 ^{bc} 13, 20:40 ^{pr} -23:59 ^{ro} . (23 rd) MARCH 1998
8.5	6.5	5.4	24 th 00:01 ^{pr} -04:10 ^{ro} , c Cu calm at obs / c morn, 12:00 ^{bc} 09, c after, 16:00 ^{bc} 09, 23:59. (24 th) MARCH 1998
10.1	6.5	3.5	25 th o Cu-St 09 HAZE at obs / c morn, slight sun, 12:00 ^{bc} 09 c after, 15:40 ^{pr} , 16:00 ^{bc} 13, 16:40 ^{pr} -20:50 ^{ro} . (25 th) MARCH 1998
12.7	7.8	7.1	26 th 03:10 ^{pr} , 04:00 ^{pr} , o Cu-St 19 at obs / 09:50 ^{pr} , slight sun am, 12:00 ^{bc} 09, Sunny spells, 13:30 ^{pr} , 16:00 ^{bc} 09, 20:00 ^{bc} 09. (26 th) MARCH 1998
13.7	10.0	9.1	27 th 08:00 ^{do} , c Cu-St 09 at obs / c morn, 12:00 ^{bc} 09, Sunny spells pm, 16:00 ^{bc} 09, 20:00 ^{bc} 09. (27 th) MARCH 1998
15.7	6.6	3.1	28 th o Cu calm at obs / c morn, 12:00 ^{bc} 05, c after, 16:00 ^{bc} 05, slight sun, 20:00 ^{bc} 05. (28 th) MARCH 1998
13.1	9.1	6.2	Sun before obs, c Cu 09 at obs / slight sun am, 12:00 ^{bc} Cu 09, slight sun pm, 16:00 ^{bc} Cu 09, 20:00 ^{bc} Cu 09.
12.0	7.5	6.6	03:10 ^{pr} , o St calm at obs / o morn, 12:00 ^{bc} 09, 13:55 ^{pr} -19:20 ^{pr} , 20:00 ^{bc} 13.
12.5	10.1	8.1	slight sun before obs, c Cu 19 at obs / Broken Sunny am, 12:00 ^{bc} 13, slight sun pm, 16:00 ^{bc} 13 sun, 20:00 ^{bc} bc 09.
14.4	3.6	-1.5	Sun before bc Cu calm sunny at obs / Sunny spells am, 12:00 ^{bc} 05, Sunny spells pm, 16:00 ^{bc} 05, Sunny spell, 20:00 ^{bc} bc 05.

1998

MARCH

SNOW
OR
SLEETSNOW
LYING
09^h:00SNOW
LYING
0^h-24^h

HAIL

THUNDER

FOG
09:00^hFOG
0^h-24^hAIR
FROSTGROUND
FROST

GALE

MARCH 1998

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TOTAL RAINFALL 51.3mm 2.02 ins

TOTAL SUNSHINE 60.1 hrs

MAX. TEMP. 15.7°C on 27th

MIN. TEMP. 0.5°C on 5th

LOWEST MAX. TEMP. 6.5°C on 4th

HIGHEST MIN. TEMP. 10.1°C on 30th

MEAN MAX. 11.0°C

MEAN MIN. 5.2°C

MEAN TEMP. FOR MONTH 8.1°C ✓

MIN. GRASS TEMP. -2.5°C on 9th

HIGHEST BAR M.S.L. 1043.9mb on 19th

LOWEST BAR M.S.L. 991.5mb on 4th

HIGHEST DAILY SUNSHINE 6.1 hrs on 31st

HIGHEST DAILY RAINFALL 8.2mm on 29th

9

1998 APRIL	ANEOMETER						CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
	BAR.	ATT. THER.	DRY	WET	DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1010.9	17.4	8.9	8.1	14	09	8	5	10	1	3.3	3.3	0.0	0.0	9.8	9.4
2	1001.2	17.3	7.1	6.7	07	05	9	4	51	1	12.2	15.5	1.6	1.6	9.5	9.5
3	976.4	16.8	9.1	7.6	16	09	6	7	02	1	11.0	26.5	0.5	2.1	9.2	9.5
4	977.5	15.4	8.1	7.8	18	02	8	6	05	1	1.4	27.9	0.0	2.1	9.3	9.5
5	989.8	16.4	9.3	8.3	00	00	8	7	02	1	3.0	30.9	0.2	2.3	9.4	9.5
6	997.0	17.0	6.7	6.2	18	02	8	6	05	1	1.3	32.2	0.4	2.7	9.4	9.4
7	1004.3	17.1	7.9	7.6	05	05	5	6	05	1	1.3	33.5	5.5	8.2	9.3	9.4
8	1002.8	17.3	6.1	5.0	27	02	7	8	02	1	9.0	42.5	0.8	9.0	9.6	9.5
9	1007.4	17.0	5.1	2.8	36	19	7	8	02	1	tr	42.5	7.1	16.1	9.2	9.5
10	1006.0	15.2	1.5	0.1	00	00	7	8	02	1	tr	42.5	6.0	22.1	8.4	9.5
11	1011.2	13.4	5.9	3.0	36	09	3	8	02	1	tr	42.5	10.6	32.7	8.0	9.5
12	1014.1	13.0	4.0	2.8	36	02	4	7	85	1	tr	42.5	9.9	42.6	8.0	9.3
13	1014.5	14.0	3.9	2.6	00	00	7	8	02	1	1.6	44.1	4.8	47.4	8.0	9.3
14	999.8	14.4	1.1	0.6	36	13	8	5	72	1	0.6	44.7	8.4	55.8	7.9	9.2
15	1001.8	15.1	5.2	3.9	00	00	5	8	02	1	0.4	45.1	5.2	61.0	8.0	9.1
16	993.4	17.0	4.5	3.1	18	05	1	8	02	1	tr	45.1	9.1	70.1	7.9	9.1
17	1004.7	18.0	7.4	4.1	34	05	3	8	02	1	1.2	46.3	7.2	77.3	8.1	9.1
18	1007.4	16.1	8.1	7.1	00	00	7	7	02	1	0.1	46.4	4.1	81.4	8.9	9.1
19	1003.2	15.1	7.4	6.1	14	09	7	7	02	1	0.7	47.1	0.0	81.4	9.1	9.3
20	1006.2	19.0	9.5	7.2	27	05	3	8	02	1	0.0	47.1	8.5	89.9	9.1	9.4
21	1006.5	19.2	9.6	8.4	16	13	8	7	02	1	2.1	49.2	0.1	90.0	10.1	9.3
22	1004.1	19.1	12.1	10.1	16	09	5	7	02	1	3.5	52.7	2.0	92.0	10.2	9.5
23	1003.4	19.1	10.8	9.3	16	13	7	6	02	1	0.5	53.2	2.6	94.6	10.4	9.1
24	1004.0	19.2	12.1	9.9	20	13	5	6	02	1	1.7	54.9	7.5	102.1	10.7	9.8
25	1002.9	17.1	10.8	8.3	18	13	5	7	02	1	15.2	70.1	3.9	106.0	10.7	9.9
26	997.9	16.0	8.3	7.5	00	00	7	6	02	1	1.0	71.1	1.7	107.7	10.6	10.0
27	1000.7	17.9	10.5	8.5	14	05	4	7	02	1	1.1	72.2	9.6	117.3	10.1	10.0
28	1000.5	18.5	11.4	8.9	16	09	3	7	02	1	3.1	75.3	4.9	122.2	10.5	10.0
29	1006.2	18.9	10.4	9.2	18	02	6	7	03	1	1.5	76.8	3.4	125.6	10.6	10.1
30	1018.9	19.2	9.6	9.0	00	00	8	5	02	1	tr	76.8	7.9	133.5	10.7	10.1
31																

TEMPERATURE

APRIL 1998

MAX.

MIN.

GRASS.
MIN.

REMARKS:

9.4	6.1	1.7	o Cu 09 mist at obs, o morn, 12:00 ^h c 09, c after, 16:00 ^h c 09, 20:00 ^h c 13.
10.6	6.5	6.0	00:10 ^h pre, 03:20 - obs dodo, Misty 05 dodo at obs, slight sun am, 11:30 ^h -13:10 ^h pr, Broken sun pm, 16:00 ^h bc 09, 20:00 ^h c 19, 21:50 ^h -23:59 ^h rr,
10.2	5.9	4.7	00:01 ^h -03:30 ^h rr, slight sun before obs, c Cu 09 at obs, 09:30 ^h pre, 10:25 ^h pr, 12:00 ^h c 09, slight sun pm, 16:00 ^h c 09, 17:35 ^h pr, 19:10 ^h -21:35 ^h pr.
9.2	7.1	6.3	00:01 ^h -01:40 ^h pr, 01:40 ^h -04:20 ^h pre, 07:30 ^h pre, o Cu 05 HAZE at obs o morn, 12:00 ^h c 05, 16:00 ^h c 05, 17:20 ^h pre, 20:00 ^h c 09.
10.3	6.5	6.1	02:00 ^h pre, 06:40 ^h pre, o Cu calm at obs, 12:00 ^h calm, 13:50 ^h -15:40 ^h pr, slight sun, 16:00 ^h c 05, 19:00 ^h -20:05 ^h pr.
10.4	7.5	3.0	o Cu-St 02 HAZE at obs, o morn, 12:00 ^h c 05, c after, 16:00 ^h c 05, Sunny spell, 17:50 ^h pr, 18:20 ^h pr, 20:00 ^h c 09.
12.6	4.7	1.0	05:40 ^h -08:30 ^h pre, slight sun before obs, bc Cu 05 HAZE at obs, Broken sun morn, 12:00 ^h bc 09, Mostly sunny after, 16:00 ^h bc 09 sun, 20:00 ^h bc 09.
8.3	4.1	0.8	05:50 ^h -07:40 ^h pre, slight sun, c Cu 02 at obs, slight sun am, 12:00 ^h c Cu-Nb, 12:10 ^h ph, 14:45 ^h pre, 16:00 ^h c 13, 16:35 ^h pre, 17:50 ^h pre, 18:50 ^h pr, 22:20 ^h pr.
8.7	3.3	2.5	00:01 ^h -00:30 ^h pr, 03:50 ^h pre, Broken sun c Cu 19 at obs, Broken sun am, 12:00 ^h bc 13, 12:45 ^h 87, Mostly sunny pm, 16:00 ^h bc 13 sunny, 20:00 ^h bc 13
8.2	-4.8	-9.0	Snow grains during night, c Cu calm at obs, Broken sun am, 12:00 ^h bc 09, Broken sun pm, 14:30 ^h pre, 16:00 ^h bc 09, 20:00 ^h bc 09.
8.7	-1.6	-6.6	Sunny spells before obs, bc Cu 09 sun at obs, Mostly Sunny morn, 12:00 ^h bc 05, Cu-Nb, Mostly sunny pm, 16:00 ^h bc 05, 18:50 ^h pre, 20:00 ^h bc 05
8.8	-1.1	-4.7	Sun spell, 07:20 ^h pre, bc Cu 02 sun at obs, Sunny morn, 12:00 ^h bc 05 sun, Mostly sunny pm, 15:40 ^h ph, 16:00 ^h bc 09, 20:00 ^h c 09.
8.0	-1.3	-6.2	Sunny Spell, c Cu calm at obs, Broken sun am, 12:00 ^h c Cu-Nb, Sunny spells pm, 13:50 ^h ph, 16:00 ^h c 09, 20:00 ^h c 09.
8.9	0.4	-2.1	08:00 ^h pre, 08:50 ^h is., o St 13 iso at obs, snow lying iso-09:50 ^h , Broken sun morn, 12:00 ^h bc Cu-Nb, HAZ SHOWNERS pr, Sunny after, 16:00 ^h bc 09, 20:00 ^h bc 09
9.4	-0.6	-5.7	06:40 ^h pre, bc Cu calm at obs, 09:50 ^h pre, Broken sun am, 12:00 ^h bc Cu-Nb, 12:10 ^h pre, Broken sun pm, 16:00 ^h c 09, 18:50 ^h pre, 20:00 ^h c 09.
10.6	-1.3	-5.2	Sunny spell before obs, bc Cu 05 sun at obs, Mostly Sunny morn, 12:00 ^h bc 05 sun, Mostly sunny pm, 16:00 ^h bc 05, Sunny spell, 20:00 ^h bc 05
12.0	1.5	-3.2	Sunny spell before obs, bc Cu 05 sun at obs, Sunny am, 12:00 ^h bc 05 sun, Sunny pm, 16:00 ^h c 05, 18:50 ^h pre, 20:00 ^h c 05, 20:10 ^h -21:30 ^h pre,
11.9	5.5	3.4	03:10 ^h pre, c Cu calm at obs, slight broken sun am, 12:00 ^h c 05, Broken sun pm, 16:00 ^h bc 05 sun, 20:00 ^h bc 05
9.5	4.8	1.7	c Cu 09 at obs, c morn, 12:00 ^h c 09, 12:50 ^h pre, c after, 16:00 ^h c 09, 20:00 ^h c 05.
13.9	5.4	3.6	Sunny before obs bc Cu 05 sun at obs, Sunny morn, 12:00 ^h bc 09 sun, Sunny spells pm, 16:00 ^h bc 09, 20:00 ^h bc 09.
12.1	7.9	6.5	o Cu 13 at obs, slight sun am, 12:00 ^h c 19, c after, 16:00 ^h c, 16:20 ^h -21:10 ^h rrs, 19, 22:00 ^h c 19.
13.6	8.8	6.1	Sun spell before obs, bc Cu 09 at obs, Broken sun morn, 12:00 ^h bc 09, c after, 13:50 ^h -16:20 ^h rr, 20:00 ^h c 09.
13.3	7.8	5.1	c Cu 13 at obs, c morn, 12:00 ^h c 13, Broken sun after, 16:00 ^h bc 13 sun, Broken Sunny evening, 20:00 ^h bc C:09
15.5	7.9	4.9	04:30 ^h pr, Sunny before obs, bc Cu 13 at obs, Broken sun am, 12:00 ^h bc 13, Broken sun pm, 15:30 ^h pr, 16:00 ^h bc 13, 20:00 ^h bc 13.
11.8	5.3	2.2	Broken Sun before obs, bc Cu 13 sun at obs, slight broken sun am, 11:10 ^h pr, 12:00 ^h c 13, 12:10 ^h pr, 14:50 ^h pr, 16:30 ^h pr, Broken sun, 17:00 ^h pr, 19:10 ^h -22:50 ^h r
10.7	6.4	5.5	00:05 ^h -01:20 ^h pre, c Cu calm at obs, 09:10 ^h pre, c morn, 12:00 ^h c 05, 15:10 ^h pre, 16:00 ^h bc 05, Broken sun pm, 20:00 ^h c 05, 20:20 ^h pre, 22:40 ^h pre,
12.6	3.2	-0.9	Sunny before obs, bc Cu 05 sun at obs, Sunny morn, 12:00 ^h bc, 12:50 ^h pr, Broken sun pm, 16:00 ^h bc Broken sun.
11.8	3.2	-1.0	Broken sun before obs, c Cu 09 sun at obs, Mostly Sunny morn, 10:40 ^h pr, 12:00 ^h c 09, Broken sun pm, 16:20 ^h pr, 20:20 ^h -23:05 ^h pr.
13.1	5.8	2.2	mild c morn, sunny cir/cum thunder + lightning 12:30 ^h PR 12:30 ^h 13:05 ^h
14.6	5.9	3.0	o misty morn, long sunny periods 13:00 ^h -1930 ^h .

19.98

APRIL

SNOW
OR
SLEETSNOW
LYING
09:00^HSNOW
LYING
0^H-24^H

HAIL

THUNDER

FOG
09:00^HFOG
0^H-24^HAIR
FROSTGROUND
FROST

GALE

APRIL 1998

1

2

3

4

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31

TOTAL RAINFALL 76.8 mm 3.02 ins

TOTAL SUNSHINE 133.5 hrs

MAX. TEMP. 15.5°C on 24th

MIN. TEMP. -4.8°C on 10th

LOWEST MAX. TEMP. 8.0°C on 13th

HIGHEST MIN. TEMP. 8.8°C on 22nd

MEAN MAX. 11.0°C

MEAN MIN. 4.0°C

MEAN TEMP. FOR MONTH 7.5°C ✓

MIN. GRASS TEMP. -9.0°C on 10th

HIGHEST BAR M.S.L. 1018.9 mb on 30th

LOWEST BAR M.S.L. 976.4 mb on 3rd

HIGHEST DAILY SUNSHINE 10.6 hrs on 11th

HIGHEST DAILY RAINFALL 15.2 mm on 25th

1

1

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1

1

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-

6

10

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1998 MAY	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1026.1	19.5	10.4	8.7	36	02	7	6	01	1	0.5	0.5	7.7	7.7	11.1	10.2
2	1024.9	18.7	11.3	10.2	14	05	7	6	01	1	0.0	0.5	4.9	12.6	12.0	10.3
3	1026.6	18.9	10.5	8.9	14	05	2	6	10	1	0.0	0.5	9.2	21.8	11.5	10.6
4	1022.2	20.0	12.6	10.3	32	05	7	8	02	1	0.6	1.1	5.6	27.4	12.5	10.6
5	1017.1	20.1	9.7	9.1	20	09	8	6	80	1	9.1	10.2	0.0	27.4	12.4	10.7
6	999.0	19.9	8.3	7.0	23	13	8	7	80	1	5.1	15.3	0.4	27.8	11.7	10.9
7	997.6	19.4	12.7	10.5	20	19	8	6	02	1	1.0	16.3	2.9	30.7	11.8	11.0
8	1014.2	19.7	10.6	9.1	18	09	8	7	02	1	0.4	16.7	0.3	31.0	11.7	11.0
9	1013.9	18.1	12.4	10.2	18	13	6	7	03	1	Tr	16.7	6.3	37.3	12.0	11.0
10	1024.7	17.0	10.1	8.3	00	00	4	8	02	1	0.0	16.7	3.2	40.5	11.8	11.1
11	1020.4	19.4	9.9	8.8	16	09	8	6	02	1	Tr	16.7	0.0	40.5	12.2	11.1
12	1021.1	19.1	11.0	9.9	00	00	9	5	10	1	0.0	16.7	1.6	42.1	12.0	11.2
13	1022.5	18.0	11.7	11.5	00	00	9	3	45	1	3.7	20.4	2.8	44.9	12.4	11.2
14	1024.6	20.6	12.3	12.0	00	00	9	4	62	1	1.7	22.1	0.3	45.2	13.3	11.3
15	1027.7	20.0	11.1	10.2	00	00	8	6	02	1	Tr	22.1	6.5	51.7	13.3	11.4
16	1027.8	19.3	10.1	9.6	00	00	8	6	02	1	0.0	22.1	6.0	57.7	13.5	11.6
17	1028.6	18.4	13.8	11.9	00	00	2	7	02	1	0.0	22.1	10.5	68.2	13.5	11.8
18	1029.8	20.9	13.5	11.6	00	00	0	6	02	1	0.0	22.1	11.1	79.3	14.1	11.9
19	1031.1	21.1	17.6	14.5	00	00	0	6	02	1	0.0	22.1	12.6	91.9	14.6	12.0
20	1027.6	21.5	16.5	13.5	00	00	4	7	05	1	0.0	22.1	8.4	100.3	15.2	12.3
21	1028.0	21.8	13.5	10.1	36	05	4	8	01	1	0.0	22.1	6.0	106.3	15.5	12.5
22	1030.7	20.4	13.5	11.4	18	02	6	7	02	1	0.0	22.1	0.5	106.8	14.9	12.7
23	1028.0	19.6	12.9	12.1	27	02	8	6	02	1	0.0	22.1	1.5	108.3	14.7	12.8
24	1021.8	19.8	14.0	11.6	00	00	6	8	02	1	0.2	22.3	2.5	110.8	14.8	13.0
25	1014.1	19.6	15.0	12.7	23	09	4	8	02	1	0.8	23.1	2.8	113.6	15.1	13.0
26	1008.6	19.1	9.8	8.2	34	09	8	8	02	1	0.2	23.3	3.6	117.2	14.7	13.0
27	1012.7	17.2	12.1	8.7	14	13	4	8	02	1	1.9	25.2	4.2	121.4	14.0	13.1
28	1012.4	18.0	10.1	8.4	02	13	8	7	02	1	8.5	33.7	4.1	125.5	13.9	13.1
29	1013.2	18.0	11.2	10.9	02	09	8	6	25	1	3.0	36.7	1.7	127.2	14.1	13.1
30	1017.1	18.1	13.6	12.1	09	05	6	6	02	1	0.1	36.8	5.3	132.5	13.9	13.1
31	1009.7	18.1	11.7	10.6	09	09	8	6	02	1	0.8	37.6	5.2	137.7	14.7	13.1

TEMPERATURE

MAY 1998

MAX.

MIN.

GRASS.
MIN.

REMARKS:

16.3	4.0	-0.1	C 02 mist at obs./mostly sunny am, 12:00 ^h bc 09, sunny pm, 16:00 ^h bc 09, Broken sun pm, 20:00 ^h bc 09.
13.7	6.6	1.7	slight sun, 08:40 ^h pr, c 05 at obs./slight sun am, 12:00 ^h bc 05, Broken sun pm, 16:00 ^h bc 09, Broken sun pm.
16.8	3.3	0.1	sunny before obs., bc 05 sun at obs./mostly sunny morn, 12:00 ^h bc 05 sunny, sunny pm, 16:00 ^h bc 05, slight sun pm.
14.8	9.5	8.6	slight sun before obs., c Cu 05 at obs./Broken sunny am, 12:00 ^h bc 09, Broken sun pm, 16:00 ^h bc 09, Broken sun pm.
12.0	7.4	5.2	03:50 ^h -05:45 ^h pr, 08:40 ^h pr - obs., o Cu 09 pr. at obs./o morn, 12:00 ^h c 09, 13:20 ^h -15:40 ^h PR-pr, 16:00 ^h -17:40 ^h pr, 22:50 ^h pr.
12.9	7.5	4.1	pr. before obs., o Cu 13 at obs./o - c morn, 12:00 ^h c 13, slight sun pm, 15:00 ^h -16:20 ^h pr, 17:05 ^h -20:50 ^h pr.
13.8	8.1	8.9	o Cu 19 at obs./09:10 ^h -10:10 ^h pr, 12:00 ^h c 13 slight sun, Broken sun pm, 16:00 ^h bc 13, Broken sun pm, 20:00 ^h bc 09.
14.0	7.8	4.9	o Cu 09 at obs./o morn, 12:00 ^h c 09, slight sun, c after 16:00 ^h c 09, 17:50 ^h pr, 20:00 ^h c 09.
15.7	8.2	3.4	sunny before obs., c Cu 13 at obs./Broken sun am, 12:00 ^h bc 13, 12:10 ^h pr, sunny spell pm, 16:00 ^h bc 13, 20:00 ^h bc 09.
14.1	4.6	-0.9	slight sun before obs., bc Ci calm at obs./sunny spell am 12:00 ^h bc 05, slight sun pm, 16:00 ^h bc 05, 20:00 ^h bc 05.
12.0	6.4	1.9	o Cu 09 at obs./o - c morn, 12:00 ^h c 09, 13:30 ^h pr, c after, 16:00 ^h c 09, 20:00 ^h c 09.
16.7	9.4	8.0	misty calm at obs./misty clearing, 12:00 ^h c calm Haze, c Haze pm, 16:00 ^h bc 05, sunny spell, 20:00 ^h c 05.
19.4	8.7	4.9	foggy calm at obs./foggy clearing am, 12:00 ^h bc 05, Broken sun pm, 16:00 ^h bc 05, 20:00 ^h c 05 Haze.
15.1	11.7	9.8	foggy 06:20 ^h ir, 07:30 ^h - obs., foggy calm 62 at obs., 62 09:50 ^h , 12:00 ^h c 05, 16:00 ^h c 05, slight sun pm, 20:00 ^h bc 05.
17.2	8.3	3.0	o Cu calm at obs./o - c morn, slight sun, 12:00 ^h bc 05, mostly sunny pm, 16:00 ^h bc 05 sun, sunny pm 20:00 ^h bc 05.
17.6	6.4	1.6	o Cu calm at obs./o - c morn, 12:00 ^h bc 05, mostly sunny after 16:00 ^h bc 05, sunny evening, 20:00 ^h bc 05.
20.5	6.6	1.0	sunny before obs., bc Ci calm sunny at obs./sunny morn, 12:00 ^h bc 02 sun, sunny pm, 16:00 ^h bc 02, sunny spell, 20:00 ^h bc 05.
21.1	6.7	2.1	sunny before obs., bc calm sunny at obs./sunny morn, 12:00 ^h bc 02 sun, sunny pm, 16:00 ^h bc 02 sun, 20:00 ^h bc 02.
23.4	7.5	2.2	sunny before obs., sunny calm at obs./sunny morn, 12:00 ^h sunny, sunny hot pm, 16:00 ^h bc 02 sunny, 20:00 ^h bc 05.
21.1	9.1	5.0	sunny spells before obs., bc Cu calm, Haze at obs./mostly sunny morn, 12:00 ^h bc 05 sun, sunny spells pm, 16:00 ^h bc 02, 20:00 ^h c 09.
15.4	10.5	6.5	sunny spells before obs., bc Cu 05 sun at obs./Broken sun am, 12:00 ^h bc 13, Broken sun pm, 16:00 ^h bc 09, sun spells, 20:00 ^h bc 09.
15.8	7.0	2.6	slight sun before obs., c Cu 02 at obs./o morn, slight sun am, 12:00 ^h c 05, c after 16:00 ^h c 05, 20:00 ^h c 05.
18.1	11.4	9.8	o Cu 02 at obs./o - c morn, slight sun am, 12:00 ^h c 05, Broken sun pm, 16:00 ^h c 05, 20:00 ^h bc 05.
16.6	10.6	9.8	sunny spells before obs., c Cu calm at obs./Broken sun am, 12:00 ^h c 05, 12:10 ^h pr, slight sun pm, 16:00 ^h c 05, slight sun 20:00 ^h c 05.
16.0	11.4	10.1	sunny spells before obs., bc Cu 09 at obs./09:50 ^h pr, Broken sun am, 12:00 ^h bc 05, Broken sun pm, 16:00 ^h bc 05, 20:00 ^h c 05, 20:50 ^h pr.
12.6	8.1	6.3	o Cu 09 at obs./o - c morn, 12:00 ^h pr, Broken sun pm, 16:00 ^h bc 09, sunny spells 20:00 ^h bc 09.
13.1	5.0	0.6	sunny spells before obs., bc Cu 13 sun at obs./Broken sun am, 12:00 ^h c 09, 14:50 ^h -15:40 ^h pr, 17:10 ^h PR, 20:00 ^h c 09.
13.7	8.1	5.2	o Cu 13 at obs./Broken sun morn, 12:00 ^h bc 13, 12:30 ^h pr, sunny spells pm, 16:00 ^h bc 05 sunny, 20:00 ^h bc 09, 20:55 ^h -21:40 ^h pr, 23:55 ^h pr.
14.7	9.7	9.1	00:01 ^h -01:30 ^h pr, 02:00 ^h -04:00 ^h pr, 06:30 ^h pr - obs., o Cu 09 at obs./09:50 ^h pr, 10:40 ^h pr, 12:00 ^h c 09, sunny spells pm, 16:00 ^h bc 09, 19:10 ^h PR, 20:00 ^h bc 09.
16.7	9.3	5.8	Broken sun am, c Cu 05 sun at obs./Broken sun am, 12:00 ^h bc 05, Broken sun pm, 16:00 ^h bc 05, Broken sun, 20:00 ^h bc 05.
15.9	10.4	7.5	o Cu 09 at obs./slight sun am, 12:00 ^h c 09, sunny spells pm, 16:00 ^h bc sun, sunny pm, 16:00 ^h bc 09, 20:00 ^h bc 09.

19.98

MAY

SNOW
OR
SLEETSNOW
LYING
09^h:00SNOW
LYING
0^h - 24^h

HAIL

THUNDER

FOG
09:00^hFOG
0^h - 24^hAIR
FROSTGROUND
FROST

GALE

MAY 1998

1

1

2

TOTAL RAINFALL 37.6 mm 1.48 ins

3

4

TOTAL SUNSHINE 137.7 hrs

5

6

MAX. TEMP. 23.4°C on 19th

7

8

MIN. TEMP. 3.3°C on 3rd

9

10

1

LOWEST MAX. TEMP. 12.0°C on 5th and 11th

11

12

HIGHEST MIN. TEMP. 11.7°C on 14th

13

14

MEAN MAX. 16.0°C

15

16

MEAN MIN. 8.0°C

17

18

MEAN TEMP. FOR MONTH 12.0°C ✓

19

20

MIN. GRASS TEMP. -0.9°C on 10th

21

22

HIGHEST BAR M.S.L. 1031.1 mb on 19th

23

24

LOWEST BAR M.S.L. 997.6 mb on 7th

25

26

HIGHEST DAILY SUNSHINE 12.6 hrs on 19th

27

28

HIGHEST DAILY RAINFALL 9.1 mm on 5th

29

30

31

2

2

1998 June	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1009.4	18.3	12.0	11.4	09	05	8	6	25	1	0.1	0.1	4.8	4.8	14.6	13.1
2	1010.1	18.6	10.5	8.9	09	13	8	7	02	1	3.5	3.6	0.0	4.8	15.2	13.2
3	1011.3	17.7	10.3	7.9	36	09	7	8	03	1	tr	3.6	2.4	7.2	13.9	13.3
4	1018.6	17.8	13.2	10.7	16	09	3	8	02	1	tr	3.6	5.0	12.2	14.3	13.3
5	1017.4	17.9	12.7	11.2	16	09	8	6	05	1	8.0	11.6	4.3	16.5	14.5	13.2
6	1006.8	17.4	12.6	12.0	00	00	8	6	02	1	3.5	15.1	2.6	19.1	15.2	13.4
7	1004.6	17.4	13.2	12.1	18	05	7	7	02	1	2.5	17.6	0.4	19.5	15.3	13.4
8	1006.6	18.3	10.3	9.8	16	05	8	6	63	1	18.2	35.8	1.5	21.0	14.7	13.4
9	992.6	19.9	12.4	12.0	00	00	8	6	60	1	1.1	36.9	3.5	24.5	14.5	13.5
10	995.7	20.0	11.3	10.4	23	09	8	5	25	1	0.6	37.5	1.1	25.6	14.7	13.4
11	1016.5	20.0	9.6	7.8	34	05	5	7	25	1	1.1	38.6	10.0	35.6	14.1	13.5
12	1020.2	20.0	11.6	8.3	20	02	6	8	03	1	5.6	44.2	6.5	42.1	14.2	13.5
13	1006.4	18.0	11.7	10.9	14	09	8	7	02	1	0.1	44.3	0.0	42.1	14.5	13.5
14	1011.8	17.1	13.3	10.7	36	09	5	7	02	1	0.0	44.3	12.9	55.0	14.1	13.6
15	1017.1	19.0	14.9	10.5	36	09	2	8	02	1	0.0	44.3	13.2	68.2	14.6	13.6
16	1020.8	18.7	13.1	10.5	18	02	4	7	02	1	0.0	44.3	8.8	77.0	14.8	13.6
17	1022.4	20.0	14.1	11.3	23	05	5	7	02	1	5.6	49.9	1.4	78.4	15.5	13.6
18	1017.2	19.4	14.1	13.6	00	00	8	6	02	1	1.3	51.2	0.0	78.4	15.6	13.7
19	1017.7	20.1	17.0	14.7	20	09	6	8	02	1	0.0	51.2	6.4	84.8	16.0	13.9
20	1015.5	20.2	19.1	15.6	18	09	3	7	02	1	5.0	56.2	7.5	92.3	16.5	14.0
21	1012.8	20.1	16.0	13.0	23	13	3	8	02	1	0.3	56.5	7.5	99.8	17.1	14.2
22	1017.5	20.0	14.5	11.6	23	13	6	7	02	1	3.3	59.8	2.4	102.2	16.6	14.3
23	1011.0	19.9	15.9	14.5	23	13	8	6	02	1	3.2	63.0	0.8	103.0	16.2	14.4
24	1006.2	20.0	14.9	12.6	20	13	5	7	02	1	0.7	63.7	5.9	108.9	16.3	14.5
25	1006.6	19.4	14.0	12.0	23	09	6	6	02	1	9.5	73.2	5.3	114.2	16.4	14.5
26	1003.7	18.9	11.6	11.2	23	09	6	6	01	1	1.1	74.3	6.3	120.5	16.2	14.5
27	1001.9	18.9	14.7	12.6	23	05	4	7	01	1	9.1	83.4	4.7	125.2	16.5	14.7
28	1011.9	18.7	15.2	13.8	27	13	7	7	01	1	1.4	84.8	4.9	130.1	16.3	14.7
29	1015.2	18.8	14.5	12.3	23	13	7	8	02	1	0.0	84.8	6.9	137.0	16.0	14.8
30	1015.2	19.5	13.4	11.9	32	09	8	7	50	1	0.0	84.8	0.1	137.1	16.4	14.7
31																

TEMPERATURE

JUNE 1998

MAX.

MIN.

GRASS.
MIN.

REMARKS:

17.6	10.4	7.6	07:40 ^{pr} , 08:05 ^{pr} , o Cu 05 at obs, / 10:30 ^{pr} , slight sun am, 12:00 ^{bc} 05, Sunny spells pm, 16:00 ^{bc} 05 sun, 20:00 ^{bc} .
11.1	9.5	8.1	o Cu 13 at obs, / o-c morn, 12:00 ^c 09, c after, 16:00 ^c , 16:40 ^{pr} , 18:50 ^{pr} -22:40 ^{pr} .
13.4	7.8	5.9	Sun before obs, c Cu 09 at obs, / c morn, 12:00 ^{bc} 09, Broken sun pm, 16:00 ^{bc} 09, 20:00 ^c 09.
16.7	6.1	3.1	Sunny spells before obs, bc Cu 09 sun at obs, / Broken sun am, 12:00 ^{bc} 09, slight broken sun pm, 16:00 ^{bc} 09, 19:10 ^{pr} , 20:00 ^{bc} 09.
17.5	8.3	4.8	slight sun before obs, o Cu 09 morn at obs, / c-bc morn, slight sun am, 12:00 ^{bc} 09, Sunny spells pm, 16:00 ^c 09, 20:00 ^c 09, 20:45 ^{pr} .
19.2	11.3	10.9	03:50 ^{pr} , 04:40 ^{pr} -07:45 ^{pr} , o Cu calm at obs, / 12:00 ^c 05, slight sun pm, 14:15 ^{pr} , 16:00 ^c 05, 17:10 ^{pr} , Sunny spell, 20:00 ^{bc} 05.
14.3	11.5	9.5	00:40 ^{pr} , 03:55 ^{pr} , c Cu 05 at obs, / o morn, 12:00 ^c 05, slight sun pm, 14:20 ^{pr} , sun, 16:00 ^c 09, 20:00 ^c 09.
17.4	8.5	6.0	06:50 ^{pr} , 08:00 ^{pr} -08:10 ^{pr} , o St 05 b3 at obs, / rr-13:00 ^{pr} , 13:30 ^{pr} , 15:30 ^{pr} , slight sun pm, 20:00 ^c 09.
17.6	10.0	10.1	02:50 ^{pr} , 04:00 ^{pr} -07:00 ^{pr} , 07:00 ^{pr} -08:10 ^{pr} , / o St calm at obs, / Broken sun am, 12:00 ^{bc} 05 sun, 12:40 ^{pr} , Broken sun pm, 16:00 ^{bc} 09, 16:30 ^{pr} , 20:00 ^c 09.
13.1	10.0	6.8	slight sun, 08:45 ^{pr} , o Cu 09 at obs, / 10:10 ^{pr} , o-c morn, 12:00 ^c 19, 13:20 ^{pr} , 16:00 ^c 24, 20:00 ^{bc} 13. (HAIL 13:20)
15.1	4.9	1.8	Sunny spells before obs, bc Cu 05 at obs, / Sunny am, 12:00 ^{bc} 05 sun, 14:05 ^{pr} , Broken sun pm, 16:00 ^{bc} 05 sun, 20:00 ^{bc} 05.
15.0	3.9	-1.0	Sunny spell before obs, c Cu 02 at obs, / Broken sunny morn, 12:00 ^c 05, c after, 16:00 ^c 05, slight sun, 20:00 ^c 09, 20:50 ^{pr} -21:30 ^{pr} , 21:30 ^{pr} -23:40 ^{pr} .
13.3	9.0	8.5	00:40 ^{pr} , 03:00 ^{pr} , 04:10 ^{pr} -06:40 ^{pr} , o Cu 09 at obs, / o-c morn, 12:00 ^c 09, c after, 16:00 ^c 09, 20:00 ^c 09.
17.1	5.6	1.2	Sunny before obs, c Cu 09 sun at obs, / Sunny morn, 12:00 ^{bc} 09 sun, Sunny after, 16:00 ^{bc} 09, Sunny, 20:00 ^{bc} 09.
17.0	5.2	0.7	Sunny before obs, b Cu-Ci 09 sun at obs, / Sunny morn, 12:00 ^{bc} 05 sun, Sunny pm, 16:00 ^{bc} 09, Sunny, 20:00 ^{bc} 05.
18.0	5.4	0.5	Sunny before obs, bc Cu-Ci 02 sun at obs, / Sunny morn, 12:00 ^{bc} 02, Sunny after, 16:00 ^{bc} 05, 20:00 ^c 05.
16.1	9.5	8.0	Broken sun before obs, bc Cu 05 at obs, / slight broken sun am, 12:00 ^{bc} 05, bc after 16:00 ^c 05, 20:00 ^c 05, 21:45 ^{pr} -23:59 ^{pr} .
18.6	12.0	11.2	00:01 ^{pr} -00:30 ^{pr} , 02:40 ^{pr} -06:50 ^{pr} , o Cu calm at obs, / o morn, 12:00 ^c 05, 12:30 ^{pr} -14:30 ^{pr} , 16:00 ^c 05, 2000 ^c 05, 22:05 ^{pr} .
21.1	9.0	13.6	c Cu 09 at obs, / broken sunny morn 1200 ^{bc} 05, Broken sun after, 16:00 ^{bc} 05 sun, sunny spells 20:00 ^c 05.
23.0	12.1	8.5	sunny before obs, bc 09 sun at obs, / sunny morn, 12:00 ^{bc} 05 sun, sunny spell pm, 16:00 ^{bc} 05 sunny, 17:30 ^{pr} , 19:30 ^{pr} .
18.7	12.1	9.9	sunny before obs, bc Cu 13 sun at obs, / sunny am 12:00 ^{bc} 13, Broken sun pm, 16:00 ^{bc} 09, Broken sun, 20:00 ^{bc} 09, 21:10 ^{pr} .
16.3	10.7	7.7	sunny spells before obs, c Cu 13 at obs, / slight sun am, 12:00 ^c 09, c after 16:00 ^c 09, 16:55 ^{pr} , 18:00 ^{pr} , 18:50 ^{pr} -21:40 ^{pr} .
21.3	13.1	12.4	o Cu 13 at obs, / o-c morn, slight sun, 12:00 ^c 13, slight sun pm, 16:00 ^c 13, 16:10 ^{pr} , 19:00 ^{pr} , 20:00 ^c 09.
18.9	11.8	11.5	01:00 ^{pr} -03:50 ^{pr} , 04:20 ^{pr} -05:20 ^{pr} , slight sun before obs, bc Cu 13 at obs, / long sunny intervals throughout day.
16.5	10.1	7.3	sunny early morn / pr 1230 ^{pr} -1340 ^{pr} , PR 1500 ^{pr} -1510 ^{pr} , pr 2120 ^{pr} -2200 ^{pr} .
17.5	10.5	6.8	PR 0820 ^{pr} -0825 ^{pr} , pr before obs, 1200 ^{pr} , broken sun, 1600 ^{pr} bc, 2000 ^{pr} bc.
16.0	10.3	7.2	sunny spells before obs, Heavy rain & thunder ~11:50 am, PR 1405 ^{pr} -1420 ^{pr} , brief sunny intervals throughout day.
16.0	10.6	6.7	0530 ^{pr} -0630 ^{pr} sunny spell, c morn / 1215 ^{pr} heavy rain, 1120 ^{pr} -1130 ^{pr} PR, brief sunny spells throughout after.
19.5	10.2	6.3	c morn / long sunny spells 1100 ^{pr} -1200 ^{pr} , 1300 ^{pr} -1600 ^{pr} .
15.2	11.7	7.7	id. at obs, fresh o morn / dry day.

1998

JUNE

SNOW
OR
SLEETSNOW
LYING
09:00^hSNOW
LYING
0^h-24^h

HAIL

THUNDER

FOG
09:00^hFOG
0^h-24^hAIR
FROSTGROUND
FROST

GALE

JUNE 1998

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TOTAL RAINFALL

84.8 mm

3.34 ins

TOTAL SUNSHINE

137.1 hrs

MAX. TEMP.

23.0°C on 20th

MIN. TEMP.

3.9°C on 12th

LOWEST MAX. TEMP.

11.1°C on 2nd

HIGHEST MIN. TEMP.

13.1°C on 23rd

MEAN MAX.

16.9°C

MEAN MIN.

9.4°C

MEAN TEMP. FOR MONTH

13.2°C 13.15

MIN. GRASS TEMP.

-1.0°C on 12th

HIGHEST BAR M.S.L.

1022.4 mb on 17th

LOWEST BAR M.S.L.

992.6 mb on 9th

HIGHEST DAILY SUNSHINE

13.2 hrs on 15th

HIGHEST DAILY RAINFALL

18.2 mm on 8th

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1998 JULY	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1019.6	19.6	14.3	12.7	00	00	7	6	02	1	0.0	0.0	9.1	9.1	16.0	14.7
2	1024.1	19.9	12.4	11.7	00	00	8	6	02	1	0.0	0.0	1.2	10.3	17.1	14.8
3	1025.1	20.0	13.7	11.5	02	02	8	7	02	1	0.0	0.0	1.2	11.5	17.0	14.9
4	1026.4	19.9	14.9	13.7	23	05	7	7	02	1	0.2	0.2	4.9	16.4	16.9	15.0
5	1020.8	20.0	14.8	13.6	25	13	8	6	02	1	0.0	0.2	5.2	21.6	17.6	15.1
6	1017.9	20.0	13.1	11.6	00	00	8	7	02	1	0.0	0.2	3.9	25.5	17.7	15.2
7	1018.9	19.7	14.0	11.1	36	05	7	7	02	1	0.0	0.2	3.4	28.9	16.8	15.3
8	1016.7	19.9	15.3	13.1	20	13	7	7	01	1	1.1	1.3	1.2	30.1	16.6	15.4
9	1013.0	20.0	14.8	12.7	23	09	8	7	02	1	0.0	1.3	6.7	36.8	16.7	15.4
10	1011.4	20.7	15.0	12.9	18	09	7	7	01	1	0.8	2.1	4.8	41.6	17.4	15.3
11	1008.4	19.7	14.8	12.5	23	13	6	7	02	1	4.5	6.6	8.9	50.5	17.0	15.4
12	990.7	20.0	15.7	14.7	23	19	8	6	02	1	1.8	8.4	1.8	52.3	17.2	15.4
13	1005.6	18.8	14.2	11.6	27	24	7	7	02	1	1.5	9.9	8.9	61.2	16.7	15.5
14	1005.8	18.8	13.3	11.8	25	09	8	7	02	1	1.2	11.1	3.2	64.4	16.5	15.5
15	1012.2	18.4	13.6	12.0	23	13	7	7	80	1	0.0	11.1	4.5	68.9	16.5	15.5
16	1011.7	19.0	14.8	11.8	25	05	6	7	02	1	2.2	13.3	8.1	77.0	16.8	15.4
17	1006.1	20.3	12.6	11.0	23	09	5	8	80	1	10.0	23.3	10.2	87.2	16.8	15.4
18	1006.6	18.9	13.8	12.5	23	19	5	6	02	1	10.6	33.9	4.9	92.1	16.4	15.5
19	1004.2	19.8	14.8	14.5	23	13	8	6	01	1	1.5	35.4	0.2	92.3	16.6	15.5
20	999.4	19.6	18.0	15.8	18	19	7	7	02	1	0.0	35.4	5.8	98.1	16.7	15.4
21	998.0	19.7	15.1	13.8	20	19	8	6	60	1	0.7	36.1	0.3	98.4	16.9	15.4
22	1008.2	19.1	14.7	13.2	20	09	8	7	02	1	15.1	51.2	1.1	99.5	16.5	15.5
23	1009.6	19.6	14.4	12.9	29	13	7	7	02	1	4.8	56.0	7.2	106.7	16.5	15.5
24	1021.9	19.2	14.4	12.0	25	13	7	7	02	1	1.6	57.6	8.4	115.1	16.6	15.5
25	1023.7	19.0	13.4	11.7	25	13	8	7	03	1	7.1	64.7	0.1	115.2	17.1	15.5
26	1010.1	18.6	15.2	14.5	25	13	8	6	03	2	0.6	65.3	1.4	116.6	16.3	15.5
27	1010.3	19.3	15.5	14.2	23	13	7	7	02	1	0.3	65.6	1.5	118.1	16.9	15.5
28	1009.5	20.0	14.9	13.7	20	05	8	6	02	1	7.5	73.1	1.1	119.2	17.1	15.5
29	1005.5	19.4	13.5	13.0	23	13	7	7	01	2	6.1	79.2	5.2	124.4	17.1	15.6
30	1004.4	20.1	13.5	13.2	23	05	8	5	61	2	6.3	85.5	1.8	126.2	17.0	15.7
31	1006.1	19.3	14.4	12.9	32	09	8	6	50	2	0.1	85.6	1.0	127.2	17.0	15.8

TEMPERATURE

JULY 1998

REMARKS:

MAX.	MIN.	GRASS. MIN.	
18.9	11.9	7.2	c calm morn / fine sunny day
18.5	10.2	7.5	o morn, calm at obs. / brief sunny intervals 1400 ^h -1700 ^h
16.7	8.3	5.5	o fresh morn. / a few brief sunny spells 1000 ^h -1530 ^h
20.6	12.4	11.9	c ^{before} obs. / long sunny intervals 1000 ^h -1830 ^h , slight precipitation 2230 ^h -2400 ^h
19.0	13.4	12.5	no sun before obs. / sunny periods 0930 ^h -1730 ^h
17.5	12.1	11.9	o fresh calm morn. / bc sunny 1600 ^h -2000 ^h
16.5	7.1	3.3	sunny morn and at obs. / brief sunny intervals obs. to 1230 ^h
17.0	12.2	11.0	c morn. / sunny spells obs.-1040 ^h , ir 1215 ^h -1240 ^h , ir 1530 ^h -1610 ^h
18.9	13.0	11.2	o fresh morn. / bc sunny spells throughout day.
17.8	11.9	11.4	some sun before obs. / pr 1400 ^h -1420 ^h , PR 1610 ^h , brief sunny spells 9 ^h -1230 ^h , sunny periods 17 ^h -20 ^h
19.0	10.7	7.0	c morn. / long sunny periods throughout day 1220 ^h -1945 ^h , pr 2340 ^h -0000 ^h
15.7	12.9	12.1	o morn. / pr 0050 ^h -0130 ^h , pr 0130 ^h -4 ^h , PR 4 ^h -0550 ^h , pr 6 ^h -0745 ^h / iR 1055 ^h , little sun 1245 ^h -20 ^h
16.7	8.5	5.8	sunny morn. 0530 ^h -obs., c at obs. / pr: 0940 ^h , 1040 ^h , 1120 ^h , 1220 ^h , 1250 ^h , 1450 ^h , 1640 ^h , good sunny spells throughout day 0900 ^h -2000 ^h
17.5	10.3	7.0	o fresh morn. / PR 1100 ^h -1115 ^h , brief sunny spells during day, sunny period 1200 ^h -1325 ^h
18.4	10.4	7.6	some sun 0550 ^h -0830 ^h , c morn. / pr. at obs. / sunny intervals 1130 ^h -1645 ^h
18.3	10.5	6.1	sunny morn. 0515 ^h -obs., sky complete Ci at obs. / sunny intervals 0900 ^h -1800 ^h
16.6	9.9	7.5	PR 0100 ^h -0115 ^h , pr 0205 ^h , sunny morn, pr. at obs. / 82 PR 1103 ^h -HAIL, PR 1450 ^h -1455 ^h , long sunny periods 0915 ^h -20 ^h , PR 2045 ^h -2110 ^h
17.6	10.2	7.8	pr 0545 ^h , 0730 ^h , 0810 ^h / frequent sunny intervals 0910 ^h -1840 ^h
18.5	11.7	10.3	rr 0225 ^h -0340 ^h , rr 0400 ^h -0420 ^h , ir 0435 ^h -0530 ^h , RR 0530 ^h -0725 ^h , RR 0845 ^h -obs. / ir 1215 ^h , ir 1255 ^h , ir 1440 ^h -1630 ^h
20.2	14.7	14.6	mild c morn., sunny before obs. 0620 ^h -0815 ^h / sunny spells 1115 ^h -1730 ^h
18.0	13.3	11.8	o morn., ir. at obs. / mostly o day, ir 1450 ^h -1525 ^h
17.5	11.7	10.8	o-c morn. / sunny spell 1030 ^h -1115 ^h , rr 1230 ^h -1315 ^h , rr 14 ^h -1515 ^h , RR 1515 ^h -1550 ^h , rr 1550 ^h -1710 ^h , rr 1920 ^h -20 ^h , RR 20 ^h -2230 ^h
18.1	10.6	8.1	c morn., sunny 0730 ^h -obs. / PR 1140 ^h , PR 1215 ^h -1225 ^h , PR 1250 ^h , sunny intervals throughout day 9 ^h -2015 ^h
17.2	9.8	7.2	sunny morn., c / PR 1025 ^h , PR 1325 ^h , PR 1650 ^h , long sunny spells 0930 ^h -1600 ^h , sunny evening
16.1	8.3	5.0	o fresh morn. / rr 2250 ^h -2400 ^h
19.2	12.3	11.6	rr 0000 ^h -0050 ^h , rr 0050 ^h -0210 ^h , rr 0210 ^h -0415 ^h , rr 0415 ^h -0445 ^h , rr 0530 ^h -0630 ^h , rr 0630 ^h -obs. / ir 1215 ^h , ir 19 ^h , a few brief sunny spells 13 ^h -1540 ^h
18.2	12.8	9.7	mild c morn. / ir 1520 ^h , a few brief sunny intervals 9 ^h -16 ^h
18.8	12.7	11.5	ir 0840 ^h -0850 ^h , mild o morn. / iR 1440 ^h , little sun, rr 2300 ^h -2400 ^h
17.8	12.0	11.6	rr 0000 ^h -0015 ^h , rr 0015 ^h -0330 ^h , RR 0335 ^h -0355 ^h , rr 0355 ^h -0425 ^h , rr 0425 ^h -0520 ^h , RR 0620 ^h -0640 ^h , o-c morn. / ir 1000 ^h , bc sunny aftn.
17.0	12.8	11.6	ir 0115 ^h -0600 ^h , rr 0600 ^h -0850 ^h o morn. / rr 0915 ^h -1230 ^h , ir 1330 ^h -1410 ^h , brief sunny intervals throughout day.
17.2	11.9	10.6	rr 0220 ^h -0310 ^h , ir 0530 ^h -obs. / a few brief sunny spells.

19.98

JULY

SNOW
OR
SLEETSNOW
LYING
09:00^hSNOW
LYING
0^h-24^h

HAIL

THUNDER

FOG
09:00^hFOG
0^h-24^hAIR
FROSTGROUND
FROST

GALE

JULY 1998

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TOTAL RAINFALL 85.6 mm 3.37 ins.

TOTAL SUNSHINE 127.2 hrs.

MAX. TEMP. 20.6°C on 4th

MIN. TEMP. 7.1°C on 7th

LOWEST MAX. TEMP. 15.7°C on 12th

HIGHEST MIN. TEMP. 14.7°C on 20th

MEAN MAX. 17.9°C

MEAN MIN. 11.3°C

MEAN TEMP. FOR MONTH 14.6°C ✓

MIN. GRASS TEMP. 3.3°C on 7th

HIGHEST BAR M.S.L. 1026.4 mb on 4th

LOWEST BAR. M.S.L. 990.7 mb on 12th

HIGHEST DAILY SUNSHINE 10.2 hrs. on 17th

HIGHEST DAILY RAINFALL 15.1 mm on 22nd

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19 ⁹⁸ AUGUST	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1021.4	14.5 ?	13.8	12.6	36	09	7	6	02	1	0.0	0.0	0.9	0.9	16.8	15.7
2	1023.4	18.7	14.9	13.7	20	13	5	7	01	1	9.5	9.5	4.7	5.6	16.4	15.9
3	1007.3	19.0	16.9	16.5	20	19	8	5	54	1	0.9	10.4	4.4	10.0	16.4	15.6
4	1023.7	18.8	15.0	13.5	20	09	7	6	02	1	0.0	10.4	7.8	17.8	16.6	15.6
5	1029.0	19.0	15.2	14.8	20	13	7	7	01	1	0.5	10.9	6.6	24.4	16.8	15.6
6	1022.2	19.4	15.5	15.1	20	19	8	5	63	2	6.9	17.8	0.1	24.5	17.2	15.6
7	1022.0	19.7	14.8	14.5	20	02	8	5	20	2	0.0	17.8	0.0	24.5	17.2	15.7
8	1018.1	20.0	17.4	16.6	25	19	8	6	02	1	0.4	18.2	0.8	25.3	17.3	15.8
9	1018.8	20.1	19.1	18.2	23	09	4	5	03	1	0.2	18.2	6.9	32.2	17.6	15.8
10	1015.4	20.6	17.5	17.1	18	05	4	6	01	1	0.0	18.2	10.7	42.9	18.4	15.9
11	1016.5	20.9	18.1	15.7	20	09	7	6	02	1	4.2	22.4	4.0	46.9	18.7	16.0
12	1015.4	20.6	14.9	12.5	29	19	6	7	01	1	4.8	27.2	7.6	54.5	18.3	16.2
13	1016.9	19.9	12.5	12.0	20	13	8	5	63	2	1.5	28.7	0.0	54.5	17.8	16.3
14	1008.0	20.1	16.7	16.0	18	09	8	4	63	2	2.3	31.0	4.6	59.1	17.4	16.3
15	1016.1	19.3	14.8	12.3	27	19	4	6	02	1	0.9	31.9	6.0	65.1	16.9	16.3
16	1016.9	19.0	14.4	13.3	25	19	8	5	01	2	7.2	39.1	0.0	65.1	16.8	16.2
17	1013.1	18.9	15.5	13.8	23	19	7	7	02	1	0.7	39.8	4.6	69.7	16.5	16.1
18	1022.9	19.0	14.1	12.1	25	09	5	7	03	1	0.0	39.8	12.7	82.4	16.4	16.0
19	1019.4	19.8	15.2	13.4	20	19	8	7	02	1	0.4	40.2	1.8	84.2	17.0	16.0
20	1010.4	19.5	14.7	13.3	23	24	8	5	50	1	2.3	42.5	0.0	84.2	16.7	16.0
21	1005.9	19.0	12.8	11.6	29	05	7	5	60	1	0.8	43.3	6.5	90.7	16.4	16.0
22	1011.6	19.2	14.2	11.8	25	05	4	7	01	1	5.8	49.1	8.8	99.5	16.3	16.0
23	1007.2	19.6	13.9	13.4	20	05	8	3	02	2	0.3	49.4	5.2	104.7	16.5	15.9
24	1018.6	19.5	13.8	11.3	23	09	6	7	03	1	2.6	52.0	9.3	114.0	16.4	15.9
25	1016.6	19.8	13.2	12.9	18	02	8	3	03	2	2.1	54.1	0.5	114.5	16.8	15.9
26	1022.2	18.4	13.6	12.1	34	02	6	6	02	1	0.0	54.1	9.5	124.0	16.8	15.9
27	1027.4	19.0	12.5	11.0	25	02	3	7	01	1	0.2	54.1	7.2	131.2	16.4	15.9
28	1027.2	19.4	12.2	11.1	36	02	6	7	02	1	0.0	54.1	6.4	137.6	16.4	15.9
29	1025.6	19.9	16.4	12.9	32	05	2	7	02	1	0.0	54.1	10.3	147.9	16.9	15.9
30	1020.6	19.9	15.8	13.0	16	05	5	7	01	1	0.0	54.1	8.1	156.0	16.9	16.0
31	1011.1	20.0	16.9	14.3	09	19	7	6	03	1	1.0	55.1	0.3	156.3	17.2	16.0

TEMPERATURE

AUGUST 1998

MAX.

MIN.

GRASS.
MIN.

REMARKS:

17.4	10.8	11.7	c morn. / little sun during afternoon.
17.7	8.2	3.5	sunny morn. 0530 ^H -0850 ^H / sunny intervals 0930 ^H -1350 ^H , r.o.r.o. 1730 ^H -2400 ^H
18.9	12.1	11.2	r.o.r.o. 0000 ^H -0300 ^H , rr 0300 ^H -0800 ^H , iD at obs. / long sunny spells 1230 ^H -1830 ^H
19.9	12.5	9.5	iR 0410 ^H , iR 0620 ^H / long sunny spells 1100 ^H -1900 ^H
20.9	13.3	11.0	mild c morn. / long sunny periods 0900 ^H -1830 ^H
19.1	14.5	13.1	rr at obs. / d.o.d.o. 1900 ^H -2400 ^H
18.3	13.4	13.6	d.o.d.o. 0000 ^H -0220 ^H , dd 0220 ^H -0330 ^H , d.o.d.o. 0330 ^H -0450 ^H , dd 0450 ^H -0530 ^H , d.o.d.o. 0530 ^H -obs. / o warm day
20.4	13.4	15.1	o warm morn. / rr 1255 ^H -1315 ^H , ir. 1315 ^H -1430 ^H , sunny spell in evening 1830 ^H -1920 ^H
23.2	15.2	13.0	bc morn., sunny 0615 ^H -0715 ^H , sunny at obs. / long sunny spells 1120 ^H -1800 ^H
23.0	14.6	12.0	c-bc morn., sunny at obs. / sunny 0900 ^H -1940 ^H , clear at 2400 ^H
22.1	13.6	9.2	warm c morn. / RR 1250 ^H -1310 ^H , sunny 1320 ^H -1615 ^H , c at 2200 ^H
17.8	13.3	11.9	slight rain before obs., sunny at obs. / PR 1130 ^H , PR 1150 ^H , sunny day
17.6	11.1	8.3	rr 0520 ^H -0545 ^H , rr 0715-obs. / rr obs.-0940 ^H
17.7	12.5	12.5	rr at obs., rain & drizzle at obs. / ir 1100 ^H -1250 ^H , sunny periods 1330 ^H -1920 ^H
17.9	10.3	9.2	sunny morn. 0615 ^H -obs. / sunny obs.-1230 ^H
17.5	13.1	12.0	o fresh morn. / ir. 22 ^H -2225 ^H , rr 2225 ^H -2245 ^H , RR 2245 ^H -2320 ^H
18.4	13.2	11.1	ir 0000 ^H -0050 ^H , RR 3 ^H -0310 ^H , rr 0310 ^H -0340 ^H , some morning sun 0740 ^H -obs., pr. at obs. / ir 1520 ^H -1640 ^H , sunny intervals 10 ^H -1415 ^H
19.7	8.5	5.0	sunny morn. 0620 ^H -obs., much thin cirrus, Cu 9 ^H / sunny 0900 ^H -1900 ^H
19.0	11.8	9.6	o fresh morn. / ir 1300 ^H , pr 1810 ^H , pr. 1915 ^H -1950 ^H , pr 2030 ^H , sunny 1330 ^H -1500 ^H
15.9	12.7	10.4	o morn., breezy, id. at obs. / id. 1725 ^H -2205 ^H , drizzly day.
17.8	11.7	10.8	ir 0300 ^H -0430 ^H , ir. at obs. / PR 1140 ^H -1150 ^H , long sunny spells 1200 ^H -1800 ^H
18.7	10.7	7.9	sunny before obs. / sunny day 9 ^H -18 ^H , ir. 2330 ^H -2400 ^H
18.7	10.6	9.7	rr 0015 ^H -0045 ^H , r.o.r.o. 0045 ^H -0400 ^H , iR 0435 ^H -0455 ^H , iR 0605 ^H -0640 ^H , r.o.r.o. 0715 ^H -0800 ^H / pr 1640 ^H -17 ^H , sunny periods 10 ^H -19 ^H
17.6	9.0	5.5	sunny morn. 0630 ^H -obs. / sunny 1130 ^H -1730 ^H
18.8	11.4	9.8	ir 0200 ^H -obs. / r.o.r.o. 0900 ^H -1000 ^H , iR 1450 ^H , ir 2125 ^H , r.o.r.o. 2130 ^H -2355 ^H
17.0	9.9	7.8	c morn., sunny 0630 ^H -obs. / sunny period obs.-1430 ^H , broken sun 1430 ^H -1830 ^H
18.8	6.4	2.1	much cirrus before and at obs. / sunny morn. / sunny 9 ^H -1130 ^H , sunny intervals 12 ^H -1630 ^H
19.0	9.1	5.7	fresh c morn. / sunny 0900 ^H -1730 ^H
20.0	11.9	10.7	sunny at obs. / dry sunny day obs.-1840 ^H
19.8	10.3	6.5	bc morn., sunny at obs. / sunny periods 0900 ^H -1500 ^H , sunny 1720 ^H -1815 ^H
18.7	14.7	10.2	c morn. / ir. 1515 ^H -1830 ^H , ir 2030 ^H -2120 ^H

19⁹⁸

AUGUST

SNOW
OR
SLEETSNOW
LYING
09:00^HSNOW
LYING
0^H - 24^H

HAIL

THUNDER

FOG
09:00^HFOG
0^H - 24^HAIR
FROSTGROUND
FROST

GALE

AUGUST 1998

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TOTAL RAINFALL 55.1 mm 2.17 ins

TOTAL SUNSHINE 156.3 hrs

MAX. TEMP. 23.2°C on 9th

MIN. TEMP. 6.4°C on 27th

LOWEST MAX. TEMP. 15.9°C on 20th

HIGHEST MIN. TEMP. 15.2°C on 9th

MEAN MAX. 18.9°C

MEAN MIN. 11.7°C

MEAN TEMP. FOR MONTH 15.3°C ✓

MIN. GRASS TEMP. 2.1°C on 27th

HIGHEST BAR M.S.L. 1029.0 mb on 5th

LOWEST BAR M.S.L. 1005.9 mb on 21st

HIGHEST DAILY SUNSHINE 12.7 hrs on 18th

HIGHEST DAILY RAINFALL 9.5 mm on 2nd

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19. 98 SEPTEMBER	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1007.0	20.0	16.9	15.2	20	05	7	6	03	1	0.5	0.5	7.4	7.4	16.8	16.0
2	1013.9	19.7	15.6	14.4	20	02	7	6	02	1	3.5	4.0	1.8	9.2	17.0	16.0
3	1016.6	19.1	10.8	10.6	00	00	1	6	02	1	0.4	4.4	7.7	16.9	16.7	16.0
4	1006.6	19.7	13.6	12.5	14	05	8	5	21	1	4.8	9.2	0.1	17.0	16.8	16.0
5	1002.4	19.5	16.2	15.0	23	02	5	5	05	1	1.0	10.2	4.1	21.1	16.8	16.0
6	1000.3	19.8	15.6	14.7	23	19	8	6	52	2	1.1	11.3	0.1	21.2	17.0	16.0
7	992.3	19.3	16.3	15.4	14	19	7	4	52	2	2.2	13.5	0.0	21.2	16.7	16.0
8	992.6	19.9	15.9	14.0	20	19	4	6	01	2	5.3	18.8	1.0	22.2	16.8	16.0
9	985.0	19.5	15.4	14.6	23	05	5	5	02	2	3.1	21.9	3.7	25.9	16.5	16.0
10	993.5	19.9	13.5	12.1	23	09	7	6	02	1	1.2	23.1	0.0	25.9	16.8	16.0
11	1003.3	18.6	11.3	9.6	23	05	4	7	01	1	4.9	28.0	5.9	31.8	15.9	16.0
12	999.3	17.9	9.6	8.0	25	09	4	7	01	1	4.1	32.1	1.2	33.0	15.2	15.9
13	1005.7	16.0	11.0	10.1	27	02	3	7	01	2	0.5	32.6	7.6	40.6	14.2	15.8
14	1008.4	16.9	11.5	10.4	32	13	6	6	01	2	1.3	33.9	3.3	43.9	14.3	15.5
15	1004.7	18.8	10.4	10.0	20	02	8	4	51	2	0.8	34.7	1.5	45.4	14.4	15.3
16	1010.1	19.8	11.6	10.4	34	09	7	6	02	2	0.0	34.7	4.1	49.5	14.2	15.2
17	1015.9	19.7	10.3	10.0	25	02	5	7	01	1	0.6	35.3	0.5	50.0	14.0	15.1
18	1017.6	19.8	15.2	15.0	23	13	4	6	03	2	0.0	35.3	7.1	57.1	14.5	14.9
19	1027.7	19.8	14.5	14.0	20	02	3	7	02	2	0.0	35.3	8.3	65.4	14.8	14.9
20	1032.9	21.2	16.6	16.4	20	09	5	6	02	2	0.0	35.3	10.2	75.6	15.4	14.9
21	1033.0	21.3	13.8	13.4	00	00	1	5	02	1	0.0	35.3	9.4	85.0	15.3	15.0
22	1030.5	21.0	12.8	12.5	18	02	8	4	10	1	0.0	35.3	0.8	85.8	15.3	15.0
23	1023.5	21.0	13.1	12.6	05	02	7	4	10	1	0.0	35.3	5.0	90.8	15.1	15.1
24	1018.2	21.1	14.0	13.6	11	05	8	4	10	1	0.0	35.3	4.7	95.5	15.0	15.0
25	1013.4	20.1	13.1	12.8	05	02	8	4	10	1	0.6	35.9	4.2	99.7	15.0	15.0
26	1006.2	20.1	12.0	11.6	09	05	8	4	50	2	3.3	39.2	0.4	100.1	15.1	15.0
27	1003.2	20.8	12.7	12.5	09	05	8	4	50	2	4.6	43.8	0.0	100.1	15.0	15.0
28	1008.0	20.9	12.2	12.0	02	02	8	5	10	1	5	43.8	2.5	102.6	14.9	14.9
29	1006.0	20.8	12.3	12.2	20	05	8	6	02	1	4.0	47.8	4.3	106.9	14.8	14.9
30	1003.9	21.2	11.9	11.6	36	05	8	4	61	2	5.6	53.4	0.0	106.9	14.9	14.9
31																

TEMPERATURE

SEPTEMBER 1998

MAX.

MIN.

GRASS.
MIN.

REMARKS:

20.9	14.9	13.5	c-bc-c morn. / sunny intervals 1030 ^h -1720 ^h , PR 1730 ^h , PR 1830 ^h
18.1	11.7	6.5	c mild morn. / pr. 1010 ^h , pr. 1110 ^h , PR 1355 ^h -1405 ^h , PR 1520 ^h , a few brief sunny spells 9 ^h -1615 ^h
19.8	8.0	4.3	slight mist at obs. / long sunny period 9 ^h -16 ^h
17.2	10.9	6.4	r. r. 0645 ^h -0730 ^h , ir. before obs. / r. r. 1445 ^h -1545 ^h , rr 1620 ^h -1720 ^h , ir 1730 ^h -18 ^h
19.8	12.7	9.5	haze lifting during obs. / brief sunny periods
17.5	14.2	10.2	rr 0740 ^h -obs. 9.00 / ir. 1735 ^h , ir. 1850 ^h
17.4	15.4	12.1	mild c morn., ir. 0540 ^h -obs. / rr 1830 ^h -19 ^h , ir. 1940 ^h -2210 ^h
16.8	14.4	13.3	moderate precipitation 0430 ^h -0445 ^h , slight intermittent prec. 5 ^h -0730 ^h / ir 1325 ^h -1445 ^h , rr 1705 ^h -1720 ^h , RR 2155 ^h -2220 ^h
19.1	13.9	11.5	mild bc morn. / PR 1005 ^h , PR 1310 ^h , PR 16 ^h , slight prec. 20 ^h -21 ^h
15.7	12.5	11.6	rr 0100 ^h -0110 ^h , c morn. / RR 1415 ^h -1425 ^h
15.0	8.5	6.0	sunny at obs. / pr 1215 ^h , pr 1415 ^h , sunny periods throughout day 9 ^h -18 ^h
11.2	5.5	1.5	PR 0100 ^h -0200 ^h , sunny at obs. / pr. 1445 ^h -1650 ^h , PR 1735 ^h -1830 ^h
16.1	4.5	-0.7	bc morn., sunny at obs. / long sunny periods 9 ^h -1530 ^h , pr. 17 ^h , pr 1830 ^h -1905 ^h
15.1	8.6	4.5	c morn. / sunny periods throughout day 10 ^h -1620 ^h
14.1	8.7	5.9	ir. 0215 ^h -0850 ^h , d.d. at obs. / slight precipitation 0930 ^h -12 ^h , some sun afternoon & evening
15.0	9.1	4.6	c morn. / sunny 12 ^h -16 ^h
15.8	5.7	0.3	bc cool morn. / some sunshine 0900 ^h -0930 ^h , precipitation 2255 ^h and 2330 ^h
20.3	10.3	10.0	sunny bc mild morn. / sunny morn. and aftn. 9 ^h -16 ^h
20.1	8.8	4.4	sunny bc morn. / sunny day 9 ^h -1730 ^h
22.8	12.0	6.4	warm sunny bc morn. / sunny day 9 ^h -18 ^h
23.4	8.6	4.5	misty bc morn., sunny 0730 ^h -9 ^h / long sunny spells 9 ^h -1730 ^h , mist 21 ^h
16.2	8.0	4.0	misty o morn. / brief sunny interval 1530 ^h -1615 ^h , mist at 21 ^h
17.3	9.9	5.4	c morn., mist of obs. / long sunny spells 9 ^h -1730 ^h , hazy day
17.1	11.4	6.7	misty o morn. / sunny 1030 ^h -1130 ^h and 1330 ^h -1630 ^h , hazy day
17.3	11.8	9.7	hazy sunshine & cloud dissolving at obs. / long sunny spells 0920 ^h -1440 ^h
16.3	10.7	6.6	id 0830 ^h -obs. / a few brief sunny intervals during aftn.
13.9	11.8	9.8	id. at obs. / id. 1030 ^h -1400 ^h , rr 1400 ^h -1830 ^h , r. r. 1830 ^h -2130 ^h
16.8	11.5	10.6	slight mist at obs. / some sunshine 13 ^h -17 ^h
18.7	10.5	5.7	fresh c morn. / long sunny spells 1130 ^h -1630 ^h
14.1	10.9	6.3	rr 0600 ^h -0900 ^h , misty morn. / rr 0900 ^h -1035 ^h , rr 1230-1500 ^h , ir. 1600 ^h -2200 ^h

19.98

SEPTEMBER

SNOW
OR
SLEETSNOW
LYING
09:00"SNOW
LYING
0" - 24"

HAIL

THUNDER

FOG
09:00"FOG
0" - 24"AIR
FROSTGROUND
FROST

GALE

SEPTEMBER

1998

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TOTAL RAINFALL

53.4 mm

2.10 ins

TOTAL SUNSHINE

106.9 hrs

MAX. TEMP.

23.4°C on 21st

MIN. TEMP.

4.5°C on 13th

LOWEST MAX. TEMP.

11.2°C on 12th

HIGHEST MIN. TEMP.

15.4°C on 7th

MEAN MAX.

17.3°C

MEAN MIN.

10.5°C

MEAN TEMP. FOR MONTH

13.9°C ✓

MIN. GRASS TEMP.

-0.7°C on 13th

HIGHEST BAR M.S.L.

1033.0 mb on 21st

LOWEST BAR M.S.L.

985.0 mb on 9th

HIGHEST DAILY SUNSHINE

10.2 hrs on 20th

HIGHEST DAILY RAINFALL

5.6 mm on 30th

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19 ⁹⁸ OCTOBER	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND W.O.	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1008.6	21.0	13.5	13.2	02	02	7	6	61	2	0.1	0.1	2.7	2.7	14.6	14.9
2	1019.3	20.1	12.3	11.5	05	05	1	6	02	1	0.0	0.1	2.6	3.3+2	14.8	14.8
3	1017.5	18.9	12.0	11.0	09	09	2	7	02	1	1.1	1.2	5.0	8.3+2	14.6	14.8
4	1013.4	19.6	10.2	7.4	11	09	4	6	02	1	1.1	1.2	2.9	11.2+2	14.3	14.7
5	1019.3	19.8	11.1	10.7	02	05	7	6	02	1	0.0	1.2	1.2	12.4+2	13.8	14.7
6	1023.7	19.2	10.3	9.8	00	00	7	5	02	1	0.0	1.2	1.9	14.3+2	13.4	14.6
7	1028.2	19.1	6.2	6.1	05	02	4	5	02	1	0.0	1.2	7.8	22.1+2	13.1	14.4
8	1034.5	18.3	6.0	5.6	02	02	1	5	02	1	0.5	1.7	8.6	30.7+2	12.4	14.3
9	1015.8	18.6	14.6	14.3	20	19	8	4	52	2	4.2	5.9	3.6	34.3+2	12.7	14.1
10	1013.1	20.8	10.0	9.7	20	02	6	7	02	1	5.1	11.0	3.0	37.3+2	13.0	13.9
11	1009.5	21.8	11.2	11.0	27	19	0	6	01	1	0.2	11.2	6.6	43.9+2	13.0	13.9
12	1018.0	21.4	10.1	10.0	25	05	7	7	02	1	2.2	13.4	1.1	45.0+2	12.6	13.8
13	1006.8	22.4	15.6	15.1	20	19	8	5	20	2	6.9	20.3	0.3	45.3+2	12.6	13.7
14	1013.6	22.8	10.0	9.5	23	09	1	7	02	1	0.4	20.7	6.1	51.4+2	13.1	13.6
15	1019.9	22.4	9.0	8.7	20	09	4	8	03	1	3.2	23.9	6.0	57.4+2	12.6	13.7
16	996.8	22.0	12.9	12.7	20	19	8	5	21	2	2.7	26.6	1.1	58.5+2	12.4	13.6
17	997.5	22.1	8.0	7.8	34	24	8	5	03	2	0.0	26.6	2.4	60.9+2	12.4	13.5
18	1016.9	20.7	5.4	5.1	23	13	6	5	03	1	0.5	27.1	2.5	63.4+2	11.3	13.4
19	1016.8	20.7	6.1	5.6	23	13	4	7	80	1	1.6	28.7	5.0	68.4+2	10.8	13.3
20	1014.4	21.0	8.4	8.0	16	13	8	5	61	2	18.1	46.8	0.0	68.4+2	10.7	13.0
21	996.7	21.9	13.6	13.4	23	19	8	6	60	2	3.6	50.4	3.1	71.5+2	11.3	12.8
22	1000.5	22.1	13.9	13.7	20	24	7	6	02	1	3.3	53.7	0.3	71.8+2	12.1	12.7
23	1003.9	22.3	9.0	8.3	25	02	1	7	02	1	13.5	67.2	7.7	79.5+2	12.2	12.8
24	979.5	21.3	12.3	12.1	20	24	6	7	01	2	7.1	74.3	1.9	81.4+2	11.5	12.8
25	996.2	21.7	7.2	7.1	25	13	1	7	03	1	2.3	76.6	5.3	86.7+2	11.3	12.7
26	1007.2	20.9	6.1	5.7	23	13	3	8	03	1	18.2	94.8	5.9	92.6+2	10.5	12.6
27	994.4	21.3	9.9	9.7	23	24	7	7	21	2	7.1	101.9	0.7	93.3+2	10.6	12.5
28	991.4	20.6	8.1	8.0	23	24	7	6	03	1	4.4	106.3	2.9	96.2+2	10.3	12.3
29	1012.0	20.9	6.7	5.3	23	19	7	7	80	1	11.5	117.8	1.9	98.1+2	9.8	12.1
30	1017.0	20.7	6.1	5.0	27	02	3	8	02	1	0.6	118.4	5.0	103.1+2	9.4	12.0
31	1008.2	20.8	6.0	5.8	23	02	8	2	40	1	0.0	118.4	0.6	103.7+2 = 105.7	9.4	11.8

TEMPERATURE

OCTOBER 1998

MAX.	MIN.	GRASS. MIN.	REMARKS.
17.0	12.0	11.2	rr 0420 ^h -0500 ^h , r, r, 0500 ^h -0525 ^h , r, r, at obs. / sunny 1030 ^h -1200 ^h , brief sunny spells in aftn.
13.6	10.7	8.1	bright fresh & morn. / sunny 0900 ^h -1015 ^h
14.8	10.3	7.6	& morn., sunny at obs. / sunny period 0900 ^h -1330 ^h
13.0	9.7	5.9	pr 0455 ^h -0520 ^h / sunny spells 0915 ^h -1045 ^h & 1530 ^h -1700 ^h
13.3	7.7	4.3	cool & morn. / a little sunshine 1030 ^h -1120 ^h
13.8	6.6	1.2	& fresh morn. / a few brief sunny spells 0930 ^h -1245 ^h
13.4	3.5	-1.4	much cirrus 8 ^h -9 ^h / long sunny spells throughout till 17 ^h
15.7	1.9	-3.0	sunny at obs. / unbroken sunshine 9 ^h -1630 ^h , very pleasant day.
15.8	6.1	1.9	ir before obs. from 0840 ^h , id at obs. / pr 9 ^h -0940 ^h , PR 0940 ^h -10 ^h , pr 1035 ^h -11 ^h , sunny spells 1130 ^h -1600 ^h , breezy aftn., PR 16 ^h
14.6	8.7	5.8	& cool morn. / intermittent sunshine 10 ^h -15 ^h , moderate precipitation 2030 ^h -2240 ^h
14.3	9.2	5.2	sunny morn. 0815 ^h -obs. / slight shower at 1700 ^h
15.6	8.2	3.1	& morn. / a few sunny intervals 1230 ^h -1530 ^h , ir, 1935 ^h -2000 ^h
17.2	10.0	8.3	ir, 0145 ^h -0330 ^h , RR 0620 ^h -0635 ^h , slight drizzle before obs., mild morn. / ir 0940 ^h -1320 ^h , RR 1405 ^h -1430 ^h , moderate precipitation 2220 ^h -2400 ^h
12.9	8.9	4.4	slight precipitation 0000 ^h -0120 ^h , sunny before & at obs. / pr 1550 ^h , long sunny intervals 0900 ^h -1630 ^h
12.8	7.9	4.9	ir, 0150 ^h -0440 ^h , &-& cool morn., sunny at obs. / long sunny periods 9 ^h -1515 ^h , PR 1240 ^h , r, r, 21 ^h -2140 ^h
17.4	8.4	4.9	ir 0400 ^h -0610 ^h , & mild morn., slight rain before obs. / rr 0945 ^h -11 ^h , windy aftn., some sun 13 ^h -14 ^h
10.8	7.4	5.7	r, r, 0555 ^h -0750 ^h , cool windy morn. / sunny periods 13 ^h -17 ^h
10.2	2.0	-3.5	cool morn. / sunny 11 ^h -1340 ^h , slight precipitation 1640 ^h -1820 ^h
11.1	4.0	0.1	sunny before & at obs. / slight continuous precipitation 0930 ^h -1230 ^h & 14 ^h -17 ^h
14.3	5.7	0.9	r, r, 0730 ^h -obs. / continuous slight to moderate rain 0900 ^h -2230 ^h , windy aftn.
16.2	8.5	8.0	ir, 0130 ^h -0215 ^h , ir, 0445-0630 ^h , mild & morn., ir, at obs. / sunny periods 10 ^h -1430 ^h , ir, 2030 ^h -2155 ^h , ir 2155 ^h -2315 ^h
15.1	13.2	11.4	mild & morn. / ir 1205 ^h , ir 1245 ^h , rr 1850 ^h -1925 ^h , r, r, 21 ^h -2230 ^h , ir 2230 ^h -23 ^h
13.0	7.7	2.7	RR 0040 ^h , fresh & morn. / fine sunny day 9 ^h -1645 ^h
13.5	6.9	1.7	moderate precipitation 0340 ^h -0700 ^h , heavy prec. 0700 ^h -0810 ^h / brief sunny spells 9 ^h -14 ^h , RR 0955 ^h , RR 1450 ^h , ir 1535-1630 ^h , rr 1825 ^h -1840 ^h , r, r, 1840 ^h -2115 ^h
9.7	6.2	3.2	& morn., sunny at obs. / PR 1325 ^h , pr 1415 ^h , long sunny spells 9 ^h -1630 ^h , ir 2230 ^h -2330 ^h
12.9	4.7	1.5	pr, 0350 ^h , pr 5 ^h , & fresh morn., sunny at obs. / sunny 9 ^h -15 ^h , r, r, 1840 ^h -1945 ^h , ir 20 ^h -2130 ^h , ir 2240 ^h -2400 ^h
10.7	6.0	4.2	rr 0000 ^h -0020 ^h , RR 0020 ^h -0200 ^h , ir 0730 ^h -0810 ^h , RR 0810 ^h -0820 ^h / ir 11 ^h , ir 1540 ^h , rr 1855 ^h -2015 ^h , RR 2205 ^h -2220 ^h
10.9	4.9	3.1	rr 0110 ^h -0135 ^h , r, r, 3 ^h , rr 0410 ^h -0430 ^h , ir 0450 ^h -0510 ^h , some sun at obs. / broken sun 10 ^h -15 ^h , blustery, PR 1440 ^h , pr 1530 ^h , PR 1715 ^h , PR 1730 ^h , pr 1940 ^h
8.5	5.4	2.3	moderate precipitation 0110 ^h -0125 ^h , pr, at obs. / brief sunny intervals 0915 ^h -1230 ^h , ir 1105 ^h & 1325 ^h , ir 1445 ^h -1655 ^h , rr 1655 ^h -18 ^h , RR 1830 ^h -1915 ^h
10.4	4.2	1.6	& morn., Ci at obs. / long sunny spells 9 ^h -15 ^h , PR 1320 ^h
8.0	5.7	2.6	fog / some sun 1115 ^h -1210 ^h

19.98

OCTOBER

SNOW
OR
SLEETSNOW
LYING
09:00^hSNOW
LYING
0^h-24^h

HAIL

THUNDER

FOG
09:00^hFOG
0^h-24^hAIR
FROSTGROUND
FROST

GALE

OCTOBER

1998

1

2

3

4

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17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

TOTAL RAINFALL

118.4 mm 4.66 ins

TOTAL SUNSHINE

105.7 hrs.

MAX. TEMP.

17.4°C on 16th

MIN. TEMP.

1.9°C on 8th

LOWEST MAX. TEMP.

8.0°C on 31st

HIGHEST MIN. TEMP.

13.2°C on 22nd

MEAN MAX.

13.2°C

MEAN MIN.

7.2°C

MEAN TEMP. FOR MONTH

10.2°C ✓

MIN. GRASS TEMP.

-3.5°C on 18th

HIGHEST BAR M.S.L.

1034.5^{mb} on 8th

LOWEST BAR M.S.L.

979.5^{mb} on 24th

HIGHEST DAILY SUNSHINE

8.6^{hrs.} on 8th

HIGHEST DAILY RAINFALL

18.2 mm on 26th

1

1

3

19. 98 NOVEMBER	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND W.O. W	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1008.6	19.8	3.8	3.1	23	05	3	7	02	4	10.7	10.7	4.7	4.7	9.0	11.6
2	990.1	19.6	7.5	7.1	18	02	7	8	21	2	3.0	13.7	4.5	9.2	8.5	11.5
3	997.9	20.1	5.7	4.3	36	05	7	7	60	1	0.8	14.5	0.0	9.2	8.7	11.4
4	1009.8	19.9	2.5	1.8	02	02	2	7	01	1	1.7	16.2	5.1	14.3	8.3	11.2
5	1007.3	20.0	7.2	6.2	20	19	6	6	01	2	3.5	19.7	2.5	16.8	8.2	11.0
6	1020.8	20.1	5.7	5.1	23	02	3	7	02	1	0.0	19.7	5.3	22.1	8.2	10.9
7	1015.5	20.3	10.7	8.7	18	19	8	6	02	1	3.5	23.2	0.0	22.1	8.6	10.8
8	1004.3	20.9	10.3	7.2	20	19	7	5	02	1	3.1	26.3	3.7	25.8	9.1	10.7
9	998.1	21.2	11.3	8.3	23	30	7	6	60	1	1.6	27.9	4.5	30.3	9.9	10.7
10	1015.3	21.0	5.1	4.1	20	19	5	7	03	1	1.1	29.0	5.7	36.0	9.4	10.8
11	1022.2	19.9	5.7	4.6	20	19	7	6	03	1	6.8	35.8	0.3	36.3	8.6	10.8
12	991.7	20.8	9.3	8.2	27	24	8	6	61	2	0.9	36.7	0.0	36.3	8.7	10.6
13	1005.3	20.0	3.0	2.4	20	05	1	7	02	5	1.3	38.0	3.2	39.5	8.5	10.6
14	1005.7	19.5	2.2	1.7	23	02	0	6	02	5	0.1	38.1	2.3	41.8	8.0	10.5
15	1022.3	19.1	2.6	1.9	23	02	4	7	01	5	0.0	38.1	6.1	47.9	7.3	10.4
16	1030.3	18.0	-1.9	-2.2	00	00	4	6	03	5	1.1	39.2	0.6	48.5	6.5	10.2
17	1027.4	19.0	6.9	6.1	16	13	8	5	61	2	5.1	44.3	0.0	48.5	6.5	10.0
18	1025.7	19.9	7.4	7.0	20	02	8	5	02	1	0.1	44.4	0.0	48.5	7.2	9.8
19	1022.6	20.2	8.5	7.2	16	13	8	6	02	1	1.7	46.1	0.0	48.5	7.6	9.7
20	1023.6	19.9	9.9	9.3	18	13	8	6	61	2	1.1	47.2	0.0	48.5	8.0	9.7
21	1021.3	20.3	11.4	10.3	20	19	8	5	03	1	8.6	55.8	0.2	48.7	8.6	9.7
22	1017.4	20.3	7.8	7.4	23	05	8	5	02	2	0.1	55.9	0.4	49.1	9.1	9.7
23	1021.3	19.5	3.8	3.1	20	02	5	6	03	5	5.8	61.7	0.1	49.2	8.1	9.8
24	1014.1	19.4	5.4	5.0	20	09	0	6	01	1	5.2	61.7	4.0	53.2	7.7	9.8
25	1013.9	20.0	6.6	5.8	20	09	8	5	61	1	2.1	63.8	3.9	57.1	7.6	9.7
26	1013.3	20.3	11.0	9.3	27	13	8	6	60	1	2.6	66.4	1.3	58.4	7.6	9.6
27	1017.3	21.1	11.7	11.1	23	13	8	5	02	2	3.5	69.9	0.0	58.4	8.1	9.6
28	1008.5	20.6	5.4	4.6	23	05	2	7	02	2	0.1	70.0	4.4	62.8	8.9	9.6
29	1023.2	19.8	3.5	2.9	23	05	3	7	01	5	5.2	70.0	3.5	66.3	8.0	9.6
30	1032.7	17.0	7.4	7.1	23	02	7	5	01	1	0.2	70.2	0.3	66.6	7.7	9.6
31																

TEMPERATURE

NOVEMBER 1998

MAX.

MIN.

GRASS.
MIN.

REMARKS:

9.1	2.1	-3.0	sunny before and at obs. / moderate precipitation 1310", long sunny spells 9"-15"
9.8	3.1	-1.7	rr 0230"-0340", rr 0510"-0600", RR 0615"-0655", r.o. 7"-0810", rr 0810"-0850" / sunny 11"-16"
7.5	4.6	-0.4	r.o. 0040"-0215", rr 0215"-0455", slight rain at obs. / r.o. 1140"-1330"
7.9	1.6	-2.9	slight prec. 0015", moderate prec. 0530", sunny at obs. / sunny 9"-14", ir 2120"-2320"
9.9	2.6	0.7	ir 0150"-0740", pr. at obs. / pr. 1155", pr 1315" & 1325", RR 1420"-1430", pr. 1630"-1650", pr 1735" & 18", brief sun 1030"-1645"
11.5	4.3	0.5	bc morn., cirrus at obs. / sunny 0945"-1415"
12.3	5.6	3.6	mild o morn. / windy day and evening, rr 1945"-2040", RR 2040"-2045", rr 2045"-2115", rr 2225"-2240", ir 2330"-2350"
15.9	8.9	5.9	mild c morn. / long sunny periods 1030"-1500", rr 1830"-2000", ir 2000"-2135", PR 2135", r.o. 2135"-22", pr 2220"
12.4	7.9	7.5	gale early morning hours, bc/c morn. / sunny 0930"-1500", rr 1915"-2000", ir 2130" & 2230"
9.1	4.4	1.8	moderate precipitation 0225", 0455", 0540", sunny at obs. / b-bc day, PR 1220"-1230", PR 1330", sunny 1000"-1600"
9.8	4.2	-0.5	bc-c morn. / rr 1625"-1815", breezy aftn., windy evening.
10.1	5.7	4.7	r.o. at obs. / r.o. 0900"-0940", r.o. 1000"-1055", ir 1625", ir 1810"-1840"
8.2	2.0	-1.0	cool b morn., glaze on grass, sunny at obs. / sunny 1000"-1215", slight precipitation 1700"-1930"
7.3	1.1	-3.2	cold b morn., slight sun at obs. / brief sunny spells 10"-1530"
8.9	0.7	-5.2	bc morn. / long sunny spell 1000"-1600"
6.9	-2.6	-7.8	cirrus, bc morn. / slight precipitation 1040"-1100"
8.0	-1.6	-1.7	moderate precipitation 0030"-0040", r.o. 0550"-0900" / r.o. 1100"-1515", rr 1515"-1625", r.o. 1625"-2100", ir 21"-22"
8.5	6.6	5.8	mild o morn. / slight rain 1440"
9.9	5.1	-0.6	mild c morn. / r.o. 1200"-1250", rr 1250"-1325", d.o. 1620"-1800"
11.3	8.0	6.9	r.o. 0700"- obs. / r.o. 0900"-1200", ir 1200"-1240"
13.1	9.7	7.0	mild c morn. / windy aftn., rr 2140"-2205", r.o. 2205"-2230", rr 2230"-2400", windy evening.
8.0	7.6	5.7	rr 0000"-0200", ir 0200"-0255", rr 0255"-0335" / clear evening.
8.9	2.1	-3.6	b-bc cool morn., glaze on grass at obs. / wind strengthening 1300", o at 1430", 19 at 1500", windy evening, rr 1930"-2330"
9.8	3.7	0.6	b morn. / b-c morn., sunny 1100"-1430", b at 1530"
11.2	5.4	2.5	o morn., slight rain at obs. / long sunny spells 1030"-1515", c 1100", b 1500", wind 02 at 1500"
11.7	4.2	0.5	mild o morn., r.o. 0200"-0330", r.o. 0425"-0600", ir 0640" / moderate precipitation 1215", sunny 1320"-1430"
12.6	7.6	4.0	rr 0150"-0220", r.o. 0220"-0240", RR 0240"-0245", rr 0245"-0320", mild o morn. / id! 1515", o misty day, ir 2035"-2055", ir 2230"-2320"
8.4	5.3	1.5	r.o. 0015"-0120", rr 0120"-0200", r.o. 0200"-0220", slight precipitation 0420" / long sunny period 10"-1530"
9.6	2.7	-1.3	bc cool morn. / sunny 1130"-1500"
9.4	3.2	-0.1	c-c misty morn. / c 1100", wind 02, 11"

19.98

NOVEMBER

SNOW
OR
SLEETSNOW
LYING
09:00"SNOW
LYING
0"-24"

HAIL

THUNDER

FOG
09:00"FOG
0"-24"AIR
FROSTGROUND
FROST

GALE

NOVEMBER

1998

1

1

2

1

TOTAL RAINFALL

70.2 mm (2.76ins)

3

1

4

1

TOTAL SUNSHINE

66.6 hrs

5

6

MAX. TEMP.

15.9°C on 8th

7

8

MIN. TEMP.

-2.6°C on 16th

9

1

10

LOWEST MAX. TEMP.

6.9°C on 16th

11

1

12

HIGHEST MIN. TEMP.

9.7°C on 21st

13

1

14

1

MEAN MAX.

9.9°C

15

1

16

1

1

MEAN MIN.

4.2°C

17

1

1

18

MEAN TEMP. FOR MONTH

7.0°C 7.05

19

1

20

MIN. GRASS TEMP.

-7.8°C on 16th

21

22

HIGHEST BAR M.S.L.

1032.7 mb on 30th

23

1

24

LOWEST BAR M.S.L.

990.1 mb on 2nd

25

26

HIGHEST DAILY SUNSHINE

6.1 hrs on 15th

27

28

HIGHEST DAILY RAINFALL

10.7 mm on 1st

29

1

30

1

31

-

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-

2

14

1

1998 DECEMBER	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND		RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE				W.O.	W.	DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1037.3	17.2	6.5	6.2	20	02	6	4	02	1		0.9	0.9	0.0	0.0	7.9	9.5
2	1035.2	18.2	8.2	8.1	00	00	8	3	47	1		3.2	4.1	0.0	0.0	8.4	9.5
3	1025.9	18.1	6.3	6.1	20	02	9	2	02	1		0.3	4.4	0.1	0.1	8.6	9.5
4	1022.9	16.1	1.1	0.8	00	00	1	7	01	5		0.0	4.4	4.5	4.6	7.9	9.6
5	1020.2	14.9	1.7	1.2	27	02	4	7	02	5		0.2	4.6	0.0	4.6	6.7	9.5
6	1024.1	13.8	3.7	2.0	23	05	7	6	02	1		hr	4.6	0.0	4.6	6.0	9.4
7	1022.8	15.6	8.1	7.0	18	13	8	6	02	1		2.3	6.9	0.0	4.6	6.3	9.2
8	1013.2	16.7	11.0	10.1	20	09	7	6	21	2		hr	6.9	2.1	6.7	7.4	9.0
9	1014.6	16.9	8.4	7.6	20	13	6	6	01	1		2.9	9.8	3.3	10.0	7.5	9.0
10	1002.9	18.3	10.2	9.7	20	02	8	5	61	2		0.5	10.3	1.5	11.5	9.0	8.1
11	1012.3	17.5	5.2	4.6	16	09	6	6	02	1		1.7	12.0	0.0	11.5	7.8	9.1
12	1007.2	17.4	9.4	8.3	23	19	7	6	03	1		5.2	17.2	1.5	13.0	7.8	9.1
13	1019.4	15.2	7.1	7.1	20	09	6	6	02	1		7.1	24.3	0.0	13.0	7.6	9.2
14	1009.6	18.0	13.6	12.7	18	19	8	6	02	1		5.0	29.3	0.0	13.0	8.2	9.1
15	1020.4	16.8	5.8	4.5	20	09	6	7	01	1		0.4	29.7	3.4	16.4	8.2	9.1
16	1023.4	17.1	8.8	7.4	20	13	8	7	01	1		hr	29.7	0.0	16.4	7.7	9.2
17	1010.2	17.3	12.3	10.7	20	24	7	6	50	1		5.6	35.3	0.0	16.4	8.2	9.1
18	1010.2	17.0	5.0	4.1	20	13	8	6	61	1		4.1	39.4	0.0	16.4	8.2	9.2
19	1014.9	16.0	4.5	3.6	29	05	4	7	02	4		0.1	39.5	0.0	16.4	7.3	9.2
20	1023.5	12.5	-0.4	-0.7	29	03	6	7	02	5		hr	39.5	4.6	21.0	6.3	9.0
21	1020.9	14.9	1.8	0.3	18	13	7	7	60	5		1.2	40.7	0.0	21.0	5.5	8.9
22	1018.2	13.3	5.2	3.8	18	19	7	7	01	1		2.7	43.4	0.6	21.6	5.3	8.7
23	1011.8	15.0	3.6	2.8	23	19	8	6	60	1		0.3	43.7	5.2	26.8	5.6	8.5
24	1010.2	14.3	3.6	3.0	20	19	8	6	61	2		1.2	44.9	0.0	26.8	5.0	8.4
25	1005.3	16.0	7.6	6.3	23	19	6	6	80	1		2.0	46.9	1.3	28.1	6.0	8.3
26	995.4	13.6	3.6	2.9	16	13	8	5	80	2		6.3	53.2	0.0	28.1	5.7	8.2
27	991.3	12.2	1.4	1.0	00	00	8	6	03	1		0.6	53.8	0.0	28.1	5.5	8.1
28	996.7	13.9	-1.2	-0.5	00	00	9	2	02	5		3.5	57.3	2.0	30.1	4.9	8.1
29	996.4	14.3	7.2	6.4	14	19	8	5	63	2		20.6	77.9	0.0	30.1	4.5	7.9
30	988.0	15.8	7.3	5.8	23	13	6	7	02	1		1.5	79.4	4.4	34.5	5.9	7.8
31	989.9	15.4	8.2	6.9	11	19	8	5	61	1		10.5	89.9	0.0	34.5	5.7	7.7

TEMPERATURE

DECEMBER 1998

MAX.

MIN.

GRASS.
MIN.

REMARKS:

9.4	5.8	2.1	rr, 0545"-0630", misty O-C morn. / slight precipitation 1955"-2045"
8.4	6.3	3.7	slight intermittent precipitation 0020"-0900", fog at obs. / fog 2000", slight precipitation 1800"
8.0	6.2	0.9	rr, 0040"-0420", rr 0420"-0640", foggy morn. / cloud 0 & fog lifted 1150", drizzle 1150", slight precipitation 1250", cloud c, wind 02 from N @ 15"
7.1	0.5	-5.5	c-b cold morn., glaze on grass / b @ 1100", wind 02 from N, bc & wind 02 from N during after., sunny 10"-1445"
4.2	0.2	-5.9	cold bc morn. / pr. 1020"
8.1	-1.5	-7.1	cool c morn. / generally c day.
11.5	2.7	-0.1	mild c morn. / 1100": wind SSW, 13 & overcast, 1200": wind strengthening, 1600": wind 19 & O, rr 1815"-1825", rr 1930"-1950", rr 2140"-2215", rr 2215"-2250", rr 2255"
10.9	8.3	6.2	rr 0730"-0735", rr 0850"-0855", mild c morn. / sunny 1230"-1500", 1530": b, wind speed 13
13.0	6.4	3.0	c-bc mild morn. / sunny spells 0930"-1400", bc morn., c after.
11.1	8.3	5.9	RR 0630", rr 0630"-0730", ir 0730"-0840", rr, rr. at obs. / rr, rr. 0900"-0940", rr 0950"-1015", sunny 1200"-1315"
13.2	4.5	-0.1	b-c morn., cirrus & cum. at obs. / wind strengthening 1200", rr 1230"-1400", ir 1910"-1930", ir 2020", wind speed 30 @ 1430"
10.2	5.0	1.5	c morn., breezy / brief sunny spells 1030"-1400", RR 1825"-1855"
14.5	5.9	1.6	cool c morn. / rr 1250"-1710", O day
13.8	7.1	1.8	mild O morn., drizzle / overcast morn., RR 1055"-1110", ir 1115"-1330", clear evening
9.2	4.5	0.6	cool c morn., cirrus / b 1200", sunny 1100"-1420", slight to moderate rain 1500"-1530"
13.1	5.7	1.8	overcast mild morn. / windy evening
12.5	8.3	6.8	mild O morn., wind gusting to 30, slight drizzle at obs. / rr 1130"-1200", rr 1200"-1215", rr 1215"-1255", rr 1330"-1410", RR 1400"-1415", rr 1440", RR 1450" & 1940"
6.6	3.7	-0.3	dull O morn., slight rain at obs. / ir 0900"-1400", ir 1540"-1715", overcast misty day.
5.5	3.4	0.5	moderate precipitation 0015", bc cool morn. / 1100": c, SW wind 09; 1400": c altocum., SW wind 02
5.6	-1.0	-6.5	cold O morn. / sunny 1030"-1510", bright day, 1600": bc
5.2	-0.5	-4.0	c cold morn., glaze on grass / 0935": hail, rr 1025"-1100", rr, rr. 1100"-1200"
9.0	1.5	-3.7	cool c morn. / breezy c morn., ir 1650"-1720", RR 1720"-1730", ir 1730"-1800", windy overcast after., clear evening.
4.9	2.2	-1.9	rr 0715"-0735", ir. at obs. / b day, sunny 1000"-1515", b evening.
11.6	1.1	-2.4	rr 0715"-obs. / rr 0900"-0940", rr 0940"-1000", rr, rr. 1000"-1115", O drizzly windy day, pr. 2120", PR 2145"-2150" moderate prec. 1550", 1950", 2035"
7.7	3.5	2.8	O-c morn., pr. at obs. / 1115" c altocum./strat. 1500" c, 1520" hail, 1950" hail (3mbs distant), 2010" lunar halo 2 1/2° dia, heavy prec. 1525",
11.5	1.5	-1.7	slight prec. 0750"-0810", & at obs. / iR 0920"-1025", rr, rr. 1025"-1220", iR 1220", iR 1220"-2040", strong gale afternoon & evening.
1.6	1.0	-0.1	rr 0720"-0820", rr, rr. 0820"-0850" / rr 0935"-1010", fog [1005": snow in Richhill-skill].
7.3	-1.5	-6.0	foggy morning, fog at obs. / sunny 1015", cloudy with sunny spells 1100" onwards
10.3	-1.5	-1.5	rain at obs. / blustery showers all day.
8.4	7.0	4.8	dry at obs., windy a.m., high broken cloud.
8.1	4.6	1.6	rain at obs. rr, rr. / windy a.m. str. cloud / 1345" clearing, sunny spells / rain evening.

19.98

DECEMBER

SNOW
OR
SLEETSNOW
LYING
09:00"SNOW
LYING
0"-24"

HAIL

THUNDER

FOG
09:00"FOG
0"-24"AIR
FROSTGROUND
FROST

GALE

DECEMBER 1998

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2

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31

TOTAL RAINFALL

89.9 mm (3.54 ins)

TOTAL SUNSHINE

34.5 hrs

MAX. TEMP.

14.5°C on 13th

MIN. TEMP.

-1.5°C on 6th, 28th, 29th

LOWEST MAX. TEMP.

1.6°C on 27th

HIGHEST MIN. TEMP.

8.3°C on 8th, 10th, 17th

MEAN MAX.

9.1°C

MEAN MIN.

3.5°C

MEAN TEMP. FOR MONTH

6.3°C ✓

MIN. GRASS TEMP.

-7.1°C on 6th

HIGHEST BAR M.S.L.

1037.3 mb on 1st

LOWEST BAR M.S.L.

988.0 mb on 30th

HIGHEST DAILY SUNSHINE

5.2 hrs on 23rd

HIGHEST DAILY RAINFALL

20.6 mm on 29th

-

-

-

2

-

3

4

5

15

1

YEAR 1998

[illegible]