

1997	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.
JANUARY																
1	1031.7	11.9	-0.9	-1.4	00	00	6	7	02	1	1.1	1.1	0.6	0.6	2.6	6.5
2	1024.2	12.7	1.0	0.6	18	05	8	6	02	1	1.2	2.3	0.1	0.7	2.5	6.2
3	1022.1	14.0	-0.9	-1.5	00	00	2	7	02	1	0.1	2.4	0.4	1.1	2.5	6.1
4	1020.5	12.2	1.3	0.3	00	00	8	7	02	1	0.0	2.4	0.0	1.1	2.5	6.1
5	1021.4	11.4	1.1	0.5	00	00	7	7	02	1	0.0	2.4	0.2	1.3	2.4	5.9
6	1023.7	15.0	1.4	0.1	00	00	7	7	02	1	0.0	2.4	0.0	1.3	2.5	5.8
7	1024.1	16.4	2.1	0.6	09	05	5	7	02	1	0.0	2.4	0.0	1.3	2.9	5.7
8	1015.9	16.1	1.1	0.6	07	02	6	6	02	1	0.0	2.4	0.0	1.3	3.0	5.7
9	1014.2	16.0	0.1	-0.1	00	00	8	6	02	1	2.0	4.4	0.0	1.3	2.9	5.7
10	1016.2	15.1	3.8	2.6	18	09	8	6	02	1	0.0	4.4	0.0	1.3	3.1	5.6
11	1013.6	14.1	9.3	8.7	16	09	8	6	02	1	tr	4.4	0.0	1.3	4.7	5.7
12	1013.4	15.1	12.0	10.4	18	09	8	7	02	1	tr	4.4	0.0	1.3	5.3	5.6
13	1017.5	18.3	11.9	10.5	20	24	8	7	02	1	0.0	4.4	0.0	1.3	6.4	5.9
14	1014.6	16.4	8.9	8.1	18	13	8	6	02	1	tr	4.4	0.0	1.3	6.6	6.1
15	1017.2	18.5	9.0	8.3	16	05	6	6	02	1	0.0	4.4	0.0	1.3	7.0	6.3
16	1011.6	19.0	8.1	7.1	16	05	7	5	10	1	7.5	11.9	0.0	1.3	6.7	6.1
17	999.5	18.9	7.5	7.1	14	09	8	5	63	1	5.2	17.1	1.6	2.9	6.6	6.7
18	1006.0	16.8	8.1	7.4	16	09	8	6	61	1	1.1	18.2	0.6	3.5	6.6	6.8
19	1011.3	16.0	4.0	3.9	16	02	9	3	45	1	0.2	18.4	0.0	3.5	6.4	7.0
20	1028.3	17.7	3.8	3.4	00	00	6	6	10	1	0.0	18.4	4.9	8.4	6.2	6.9
21	1030.7	16.0	-1.3	-0.1*	00	00	2	2	42	1	0.0	18.4	5.7	14.1	5.4	7.0
22	1014.2	17.8	1.6	0.7	00	00	7	4	42	1	0.0	18.4	0.0	14.1	5.0	6.9
23	1017.1	16.5	0.0	-0.5	00	00	3	5	10	1	tr	18.4	0.0	14.1	4.5	6.8
24	1018.1	17.4	8.3	7.7	18	09	8	5	50	1	02	18.6	0.0	14.1	4.6	6.7
25	1029.4	15.1	8.0	7.5	18	09	8	6	02	1	tr	18.6	2.7	16.8	5.2	6.6
26	1030.0	15.3	7.2	6.6	00	00	6	5	42	1	tr	18.6	0.0	16.8	5.6	6.6
27	1037.5	18.4	5.5	5.1	00	00	7	7	02	1	0.0	18.6	3.5	20.3	5.6	6.6
28	1044.8	17.9	0.9	0.4	23	05	6	7	02	1	0.0	18.6	0.0	20.3	5.1	6.7
29	1042.6	17.1	3.4	3.1	00	00	6	5	10	1	0.0	18.6	0.0	20.3	5.1	6.7
30	1039.5	18.2	3.6	3.2	00	00	9	3	45	1	0.0	18.6	0.0	20.3	5.2	6.3
31	1036.1	18.0	3.6	2.6	00	00	7	5	44	1	0.3	18.9	0.2	20.5	5.2	6.6

TEMPERATURE

REMARKS:

MAX.	MIN.	GRASS. MIN.	
2.8	-2.5	-7.2	c Cu-lent 00 frosty at obs, / slight sun morn, 1200 ^h bc 05, slight sun pm, 1600 ^h bc 05, 2000 ^h bc 05 freezing.
1.9	-2.3	-6.4	slight snow during night, 0 St 05 snow lying at obs, / o morn, 1200 ^h c 05, slight sun pm, 1600 ^h c 05, 2000 ^h freezing fog.
1.8	-1.6	-4.7	b Cu 00 slight snow lying at obs, / slight sun morn, 1200 ^h c 09, c after, 1600 ^h c 09, 2000 ^h bc 09 freezing.
1.9	-2.0	-5.7	o Cu 00 slight snow lying at obs, / o morn, 1200 ^h c 05, o after, 1600 ^h c 05, 2000 ^h c 05.
2.6	0.3	-1.4	c Cu 00 at obs, / slight sun morn, 1200 ^h c 00, c after, 1600 ^h c 00, 2000 ^h bc 00.
3.6	0.3	-5.1	c Cu 00 at obs, / c morn, 1200 ^h c 05, c after, 1600 ^h c 05, 2000 ^h c 05.
2.6	1.0	0.1	bc Cu 05 at obs, / bc morn, 1200 ^h c 05, c after, 1500 ^h ps, 1600 ^h c 05, 2000 ^h c 05.
1.6	0.0	-0.5	c Cu 02 at obs, / c morn, 1200 ^h c 02, c after, 1530 ^h ps, 1600 ^h c 05, 1645 ^h ps, 2000 ^h c 05.
4.1	-0.5	-1.3	o Cu 00 at obs, / o morn, 1200 ^h c 05, o after, 1550 ^h ps, 1600 ^h c 05, 2000 ^h c 05.
9.3	-0.2	-0.4	0 St 09 at obs, / o morn, 1200 ^h c 13, o after, 1555 ^h ps, 13, 2000 ^h c 13.
13.0	2.8	2.3	0450 ^h -0725 ^h ir, 0 St 09 at obs, / o morn, 1200 ^h c 09, o after, 1600 ^h c 09, 2000 ^h c 09
13.1	8.8	8.2	0 St Cu 19 at obs, / o morn, 1200 ^h c 19, c after, 1600 ^h c 13, 2000 ^h c 13.
12.1	10.1	8.9	0 St 24 at obs, / o morn, 1200 ^h c 19, c after, 1600 ^h c 19, 2000 ^h c 13.
10.7	8.5	6.7	0 St 13 at obs, / o morn, 1200 ^h c 13, c after, 1600 ^h c 09, 2000 ^h c 09.
9.1	8.1	4.3	c Cu 05 at obs, / c morn, 1200 ^h c 09, c after, 1600 ^h c 09, 2000 ^h c 09.
9.0	5.8	5.3	c Cu 05 misty at obs, / c morn, 1200 ^h c 09, c after, 1600 ^h c 09, 2000 ^h c 09.
9.7	7.0	5.1	0430 ^h -0900 ^h rr, 0 St 09 rr at obs, / rr-1015 ^h slight sun morn, 1200 ^h bc 09, Sunny spells pm, 1540 ^h ps, 1600 ^h bc 09, 2000 ^h bc 09.
10.7	6.0	2.1	0720 ^h -0850 ^h rr, 0 St 09 r/o at obs, / r/o-1135 ^h , 1200 ^h bc 09, Sunny spell pm, 1600 ^h bc 09, 2000 ^h bc 09 mist.
6.1	3.0	-0.4	foggy 02 at obs, / misty morn, 1200 ^h bc 05 mist, 1600 ^h bc 05 mist, 2000 ^h c 05 mist, 2340 ^h ps.
7.7	3.1	0.4	c Cu 00 mist at obs, / mist clearing, 1200 ^h bc 05 Sunny, Sunny spells pm, 1600 ^h bc 05, 2000 ^h bc 05, 2000 ^h bc 05 freezing.
5.4	-1.7	-3.5	b Ci foggy frosty at obs, / fog clearing, Sunny spells morn, 1200 ^h b 02 sun, Sunny spells pm, 1600 ^h b 02, 2000 ^h b 02 freezing.
2.4	-1.4	-2.3	c Cu 00 fog at obs, / c morn, 1200 ^h c 02, c after, 1600 ^h c 00, 2000 ^h bc 02 freezing.
8.5	-1.9	-5.7	bc Ci misty frosty at obs, / bc morn, 1200 ^h bc 05, bc after, 1600 ^h bc 05, 2000 ^h bc 05.
8.6	-0.4	-2.3	o A-St 09, do at obs, / 1010 ^h ps, o morn, 1200 ^h c 09, o after, 1600 ^h c 09, 2000 ^h c 05.
10.5	3.3	-0.9	o A-St 09 at obs, / c morn, 1200 ^h bc 09, Sunny spells pm, 1600 ^h bc 09, 2000 ^h bc 09
8.4	4.1	0.5	c A-St 00 fog at obs, / c morn, fog clearing, 1200 ^h c 05, c after, 1600 ^h c 05, 2000 ^h c 05.
8.7	4.2	0.1	0100 ^h ps, c A-Cu 00 at obs, / c-bc morn, 1200 ^h bc 05 sunny, Sunny spells pm, 1600 ^h bc 05, 2000 ^h bc 05, freezing.
5.9	-1.2	-5.0	c Cu 05 frosty at obs, / c morn, 1200 ^h c 05, c after, 1600 ^h c 05 haze, 2000 ^h bc 05 freezing.
5.7	0.6	-0.4	c Cu 00 mist at obs, / c 02 haze morn, 1200 ^h c 02, c after, 1600 ^h c 02 haze 2000 ^h c 02 foggy.
5.2	3.1	2.7	foggy calm at obs, / foggy morn clearing, c morn, 1200 ^h , 1200 ^h c 02, c after, 1600 ^h c 02, 2000 ^h c 05.
5.1	3.2	2.2	c Cu 00 fog at obs, / fog clearing, c morn, 1200 ^h bc 02, slight sun pm, 1600 ^h c 02, 2000 ^h c 05.

JANUARY 1997

RAINFALL

JANUARY 1997 18.9 mm 0.74 ins

AVERAGE JANUARY 76.9 mm 3.03 ins

Wettest days: 20th, 21st, 27th (2.0, 7.5, 5.2 mm)

Driest JANUARY since 1881 (0.46 ins)

THIRD DRIEST JANUARY SINCE 1840 (1855: 0.44 ins)

SUNSHINE

JANUARY 1997 20.5 hrs

AVERAGE JANUARY 46.0 hrs

SUNNIEST DAYS 20th, 21st, 27th (4.9, 5.7, 3.5 hrs)

Dullest JANUARY since 1914 (18.0 hrs)

Second dullest JANUARY on record, i.e. since 1881

AVERAGE TEMPERATURE

JANUARY 1997 4.4°C (40.0°F)

AVERAGE JANUARY 3.9°C (39.1°F)

Mildest days: 11th, 12th, 13th (13.0, 13.1, 12.1°C)Coldest days 3rd, 8th (1.8, 1.6°C)Mildest nights: 12th, 13th, 14th, 15th (8.8, 10.1, 8.5, 8.1°C)Coldest nights 1st, 2nd, 4th (-2.5, -2.3, -2.0°C)

17 days with ground frost.

11 days with air frost

8 days with fog

1 day with snow. (2nd)

1997

JANUARY

Snow
OR
SLEET
Snow
LYING
0900^h
Snow
LYING
0^h-24^h

Hail

THUNDER

Fog
0900^hFog
0^h-24^hAir
FrostGround
Frost

Gale

JANUARY 1997

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

TOTAL RAINFALL 18.9mm 0.74ins

TOTAL SUNSHINE 20.5 hrs

MAX TEMP 13.1°C 11th JANUARY 1997MIN TEMP -2.5°C 1st JANUARY 1997LOWEST MAX TEMP 1.6°C 8th JANUARY 1997HIGHEST MIN TEMP 10.1°C 13th JANUARY 1997

MEAN MAX 6.7°C

MEAN MIN 2.1°C

MEAN TEMP FOR MONTH 4.4°C ✓

MIN GRASS TEMP -7.2°C 1st JANUARY 1997HIGHEST BAR M.S.L 1044.8 mb 28th JANUARY 1997LOWEST BAR M.S.L 999.5 mb 17th JANUARY 1997HIGHEST DAILY SUNSHINE 5.7 hrs 21st JANUARY 1997HIGHEST DAILY RAINFALL 7.5mm 16th JANUARY 1997

1997	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.
February																
1	1025.4	14.8	4.1	3.1	18	09	8	5	44	1	0.2	0.2	0.0	0.0	5.2	6.6
2	1024.9	14.2	2.4	1.6	23	05	1	7	02	1	0.0	0.2	6.9	6.9	5.3	6.6
3	1017.8	15.4	5.1	4.0	18	19	8	7	50	1	14.1	14.3	0.0	6.9	4.7	6.6
4	1006.1	18.1	5.5	5.3	27	05	8	6	61	1	1.9	16.2	2.3	9.2	5.5	6.5
5	1015.9	17.2	3.1	2.5	20	09	5	7	02	1	tr	16.2	5.5	14.7	5.1	6.5
6	1010.6	16.2	9.7	8.2	18	24	8	7	02	1	tr *	16.2	1.3	16.0	5.3	6.5
7	1017.2	17.9	2.6	1.6	20	05	1	7	02	1	0.0	16.2	7.3	23.3	5.9	6.6
8	1024.3	15.0	5.1	3.5	20	09	8	7	02	1	0.6	16.8	0.4	23.7	5.4	6.6
9	1016.9	14.6	5.9	5.1	20	09	2	6	02	1	2.3	19.1	2.7	26.4	5.7	6.6
10	992.7	17.9	5.1	2.7	20	24	3	7	02	1	3.2	22.3	4.1	30.5	6.3	6.7
11	1007.6	16.4	5.1	4.3	18	05	8	6	02	1	7.7	30.0	0.0	30.5	5.4	6.7
12	992.5	18.3	10.3	9.9	18	09	7	6	61	1	0.4	30.4	0.7	31.2	6.0	6.7
13	997.1	18.0	4.7	2.6	27	19	4	7	02	1	0.0	30.4	7.1	38.3	6.4	6.8
14	1003.7	16.1	0.0	-0.2	18	05	2	7	02	1	0.0	30.4	4.8	43.1	5.4	6.8
15	1018.9	14.0	2.8	2.6	18	05	6	7	02	1	0.9	31.3	2.3	45.4	4.6	6.8
16	995.7	13.9	8.4	8.2	16	19	5	7	02	1	3.9	35.2	2.2	47.6	5.2	6.7
17	990.6	15.8	9.4	9.1	18	24	8	6	61	1	5.5	40.7	0.0	47.6	5.7	6.7
18	994.7	16.1	2.4	2.3	20	13	4	7	02	1	8.2 *	48.9	2.1	49.7	6.1	6.7
19	992.6	15.0	9.3	9.1	18	30	8	6	02	1	11.7 *	60.6	0.0	49.7	5.1	6.7
20	1005.2	15.3	8.3	8.2	23	24	7	6	60	1	6.7	67.3	0.5	50.2	5.4	6.7
21	1011.2	15.3	6.3	6.1	23	09	3	7	02	1	0.1	67.4	3.0	53.2	6.1	6.7
22	1013.7	15.4	10.2	10.0	23	13	7	7	60	1	2.1	69.5	2.4	55.6	6.6	6.7
23	997.0	15.0	5.4	5.2	23	05	2	7	02	1	6.1	75.6	3.1	58.7	7.3	6.8
24	978.1	15.3	4.1	3.9	20	19	4	7	02	1	4.7 *	80.3	2.8	61.5	6.6	7.0
25	981.1	16.9	6.2	6.0	20	05	5	7	02	1	3.3	83.6	4.5	66.0	5.7	7.0
26	999.2	17.3	4.7	4.5	20	05	8	7	02	1	9.5 *	93.1	2.1	68.1	6.2	7.0
27	1016.5	17.0	7.1	6.9	18	24	8	5	63	1	1.2	94.3	0.0	68.1	6.0	7.0
28	1011.6	18.1	7.5	7.0	18	19	1	7	02	1	0.3	94.6	7.8	75.9	6.7	7.0
29																
30																
31																

TEMPERATURE

MAX.

MIN.

GRASS.
MIN.

REMARKS:

7.5	3.0	-0.4	0550 ^{pr} , Cu 09 fog at obs, / o mom, 1200 ^c 05, o after, 1600 ^c 05, 2000 ^c 05.
7.5	1.9	-1.1	b Cu 05 sun at obs, / Sunny morn, 1200 ^b 05, sun, broken sun after, 1600 ^b bc 09, 2000 ^b bc 05 freezing.
9.6	1.0	-2.5	o A-St 19 idc at obs, / 0950 ^{ir} -1030 ^{ir} idc, 1200 ^o 24, o after, 1600 ^o 24, 1750 ^{ir} -2105 ^{ir} rrc, 2135 ^{ir} -2359 ^{ir} .
8.5	5.0	3.9	0000 ^{ir} -0140 ^{ir} , 0140 ^{ir} -0240 ^{ir} rrc, 0340 ^{ir} -0620 ^{ir} rrc, 0620 ^{ir} rrc-obs, o st 05 rrc at obs, / ir-1005 ^{ir} , 1200 ^b bc 05, Sunny spells pm, 1600 ^b bc 05, 2000 ^b bc 05, freezing.
9.7	-0.1	-4.4	0805 ^{pr} , bc Cu 09 at obs, / Broken sunny morn, 1200 ^b bc C: 09 sunny, Broken sunny after, 1600 ^b bc 09, 2000 ^b bc 09.
12.5	3.0	1.9	o St 24 at obs, / o-c morn, slight sun am, 1200 ^b bc 19, slight sun pm, 1600 ^b bc 19, 2000 ^b bc 13, 2230 ^{pr} .
8.0	2.2	-0.9	slight sun before obs, b C: 05 sun at obs, / Mostly sunny morn, 1200 ^b bc 05 sun, Mostly sunny after, 1600 ^b bc 05, 2000 ^b bc 05.
9.1	2.3	0.3	o A-St 09 at obs, / slight sun morn, 1200 ^b bc 13 sun, bc after, 1600 ^b bc- C: 13, 2000 ^b bc 13, 2205 ^{pr} 13.
10.8	4.7	2.2	0210 ^{pr} , 0250 ^{pr} , slight sun before obs, b Cu 09 sun at obs, / Sunny spells am, 1200 ^b bc 13, bc- c after, 1600 ^b bc 13, 2000 ^b bc 19.
5.1	4.5 Δ	3.5	0055 ^{ir} -0310 ^{ir} rrc, 0335 ^{pr} , bc Cu 24 at obs, / Broken Sunny am, 1130 ^{pr} 1200 ^b bc 19, Broken sun pm, 1220 ^{pr} , 1340 ^{pr} , 1530 ^{pr} -1900 ^{pr} , 2000 ^b bc 19.
11.4	0.0 *	-0.4	0155 ^{pr} , o st 05 at obs, / o mom, 1200 ^o 05, o after, 1600 ^o 09 1650 ^{ir} -1850 ^{ir} rrc, 2000 ^o 09, 2110 ^{ir} -2359 ^{ir} .
12.1	4.8	3.9	0001 ^{ir} -0050 ^{ir} rrc, 0800 ^{ir} rrc-obs, c St 09 rrc at obs, / slight sun am, 1200 ^b bc 13, bc 13 after, 1600 ^b bc 13, 2000 ^b bc 13.
8.1	3.5	1.5	0440 ^{pr} , 0740 ^{pr} , bc Cu 19 at obs, / mostly sunny morn, 1200 ^b bc 13, Mostly sunny after, 1600 ^b bc 13, 2000 ^b bc 13, 2200 ^b bc 13 freezing.
6.5	-1.2	-5.4	bc Cu 05 frosty slight sun at obs, / Mostly sunny morn, 1200 ^b bc 05 sunny, Broken sun pm, 1600 ^b bc 05, 2000 ^b bc 05.
8.4	-0.4	-3.0	0840 ^{pr} , c A-Cu 05 at obs, / Broken sunny morn, 1200 ^b bc 05, c after, 1600 ^b 09, 2000 ^b 09.
10.4	2.5	1.1	0330 ^{ir} -0500 ^{ir} rrc, bc Cu-C: 19 RAINBOW at obs, / 1005 ^{pr} , 1130 ^{pr} , slight sun, 1200 ^b bc 24, Broken sun pm, pr after, 1600 ^b bc 24, 1900 ^{pr} , 2000 ^b bc 24, 2030 ^{pr} .
11.4	5.7	3.7	0600 ^{ir} -0900 ^{ir} rrc, o St 24 rrc at obs, / o mom, 1200 ^o 24, 1205 ^{ir} -1650 ^{ir} rrc, 1650 ^{ir} , 1700 ^o 24, 2000 ^o 24, 2050 ^{ir} , 2150 ^{ir} , 2310 ^{ir} .
9.3	1.8	-0.8	0505 ^{pr} , slight sun before obs, bc Cu-C: 13 sun at obs, / 0950 ^{pr} so, Broken sun am, 1100 ^{pr} 24, 1140 ^{pr} , slight sun prs pm, 1810 ^{pr} 24, 2000 ^b bc 30.
11.5	0.7	-0.9	0350 ^{ir} -0600 ^{ir} rrc, 0600 ^{ir} -0800 ^{ir} rrc, o St 30 at obs, / 1100 ³⁵ knots in gusts, 1130 ^{ir} -1500 ^{ir} , 1330 ³⁵ knots in gusts, 1530 ^{ir} , 1700 ^{ir} -1910 ^{ir} , 2000 ^b bc 30, 2050 ^{pr} 30.
10.5	2.4	0.2	Gale DURING NIGHT, 0455 ^{pr} , c St 24 irrc at obs, / slight sun am, 1200 ^b bc 24, 1220 ^{pr} , slight sun pm, 1600 ^b bc 24, 1700 ^{ir} , 1810 ^{ir} -2050 ^{ir} .
11.0	5.2	2.5	0040 ^{ir} -0650 ^{ir} rrc, bc Cu 09 at obs, / Broken sunny morn, 1200 ^b bc 09, Broken sun pm, 1600 ^b bc 09, 2000 ^b bc 09.
12.5	5.9	4.5	slight sun before obs, c Cu 13 at obs, / Broken sun morn, 1200 ^b bc 13, Broken sun after, 1600 ^b bc 13, 2000 ^b bc 13.
8.9	4.8	1.2	0300 ^{pr} , slight sun before obs, b Cu-C: 05 sun at obs, Broken sun morn, 1200 ^b bc 13, c after, 1600 ^b bc 13, 1800 ^{ir} -1920 ^{ir} rrc, 1920 ^{ir} -2030 ^{ir} rrc, 2245 ^{pr} .
6.4	2.0	0.5	0005 ^{pr} , 0150 ^{pr} , 0340 ^{pr} , 0530 ^{pr} rrc, bc Cu 19 sun at obs, / Sunny spell am, 1130 ^{pr} -1230 ^{pr} , 1320 ^{pr} -1420 ^{pr} so, 1600 ^b bc 19, slight sun, 2240 ^{pr} 24.
9.5	1.4	0.1	0100 ^{pr} 30, 0630 ^{ir} -0750 ^{pr} , slight sun before obs, bc Cu 05 at obs, / Broken sun morn, 0940 ^{pr} so, 1200 ^b bc 05, sun, 1430 ^{pr} , 1540 ^{pr} , 1600 ^b bc 09, 2000 ^b bc 09.
8.8	2.6	1.8	c Cu 05 at obs, / 0950 ^{pr} , 1040 ^{pr} -1110 ^{pr} , 1200 ^b bc 09, 1240 ^{pr} , Broken sun after, 1600 ^b 09 pr, 1630 ^{pr} , 2000 ^b bc 09, 2020 ^{pr} .
12.2	3.0	0.0	0620 ^{ir} rrc, o St 24 rrc at obs, / o mom, 1200 ^o 24, c after, 1600 ^b bc 24, 2000 ^b bc 24, 2000 ^b bc 24.
10.4	7.5	4.0	0030 ^{ir} -0130 ^{ir} rrc, slight sun before obs, b Cu-C: 19 sun at obs, / Mostly sunny morn, 1230 ^{pr} , Broken sun pm, 1600 ^b bc 19, 1850 ^{pr} , 2000 ^b bc 19.

New rain gauge installed Monday 27th JANUARY 1997, Met/No, 123 86/89. Slight difference in reading with old rain gauge, On the days with *. READING RECORDED ARE FROM NEW RAIN GAUGE. *full G*
 Δ Min therm blown off stand may not be true reading. * min therm had air bubble, reset therm 11th Feb.

1997

FEBRUARY 1997

RAIN FALL

FEBRUARY 1997 94.6 mm 3.70 ins

AVERAGE FEBRUARY 2.31 ins

Wettest days: 3rd, 19th, 26th (14.1, 11.6, 9.4 mm)

SUNSHINE

FEBRUARY 1997 75.9 HRS

AVERAGE FEBRUARY 65.0 HRS

Sunniest days: 7th, 13th, 28th (7.3, 7.1, 7.8 hrs)

Sunniest February Since 1989 (87.7 hrs)

AVERAGE TEMPERATURE

FEBRUARY 1997 5.0 C (42.8 F)

AVERAGE FEBRUARY 4.2 C (39.5 F)

Mildest days: 6th, 12th, 22nd, 27th (12.5, 12.1, 12.5, 12.2 C)Coldest days: 10th, 14th, 24th (5.1, 6.5, 6.4 C)Mildest nights: 17th, 21st, 22nd, 28th (5.7, 5.2, 5.9, 7.5 C)Coldest nights: 5th, 14th, 15th (-0.1, -1.2, -0.4 C)

10 days with ground frost.

3 days with air frost.

1 day with fog

1 day with gale (20th)

1997

FEBRUARY

SNOW
OR
SLEETSNOW
LYING
0900^HSNOW
LYING
0^H-24^H

HAIC

THUNDER

FOG
0900^HFOG
0^H-24^HAIR
FROSTGROUND
FROST

GALE

FEBRUARY 1997

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2
3
4
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30
31

1

1

1

1

1

TOTAL RAIN FALL 94.6mm 3.70INS

TOTAL SUNSHINE 75.9HRS

MAX TEMP 12.5°C 6th 22nd FEBRUARY 1997MIN TEMP -1.2°C 14th FEBRUARY 1997LOWEST MAX TEMP 5.1°C 10th FEBRUARY 1997HIGHEST MIN TEMP 7.5°C 28th FEBRUARY 1997

MEAN MAX 9.5°C

MEAN MIN 2.8°C

MEAN TEMP FOR MONTH 6.1°C 6.15.

MIN GRASS TEMP -5.4°C 14th FEBRUARY 1997HIGHEST BAR M.S.L 1025.4mb 1st FEBRUARY 1997LOWEST BAR M.S.L 978.1 24th FEBRUARY 1997HIGHEST DAILY SUNSHINE 7.8HRS 28th FEBRUARY 1997HIGHEST DAILY RAINFALL 14.1mm 3rd FEBRUARY 1997

1997	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.
MARCH																
1	1006.2	15.1	9.4	7.7	18	24	8	6	02	1	4.1	4.1	0.6	0.6	6.5	7.0
2	1007.3	14.8	4.5	3.8	23	13	1	8	02	1	tr	4.1	7.4	8.0	7.0	7.1
3	1029.6	15.7	3.1	2.2	23	09	3	8	02	1	0.0	4.1	8.2	16.2	6.1	7.2
4	1027.7	16.2	-0.6	-0.7	23	05	2	5	10	1	0.0	4.1	2.6	18.8	5.6	7.2
5	1014.5	16.4	8.4	7.6	18	13	8	5	50	1	0.5	4.6	2.3	21.1	5.5	7.1
6	1030.2	16.3	5.4	3.4	16	13	7	7	02	1	0.1	4.7	1.9	23.0	5.4	7.0
7	1018.4	17.0	11.1	9.7	18	19	8	5	02	1	5.9	10.6	0.6	23.6	6.1	7.0
8	1038.1	14.9	3.7	2.9	25	02	0	7	02	1	0.0	10.6	9.1	32.7	6.2	7.0
9	1035.8	14.0	-0.1	-0.4	18	02	6	5	10	1	0.0	10.6	0.4	33.1	5.9	7.1
10	1030.0	17.9	7.8	6.6	18	05	8	5	10	1	tr	10.6	3.9	37.0	6.2	7.0
11	1030.9	18.0	6.2	6.0	00	00	9	3	43	1	0.0	10.6	1.5	38.5	6.7	7.0
12	1024.8	18.4	10.1	9.4	20	05	6	4	42	1	0.0	10.6	3.1	41.6	7.4	7.1
13	1024.2	17.9	9.5	8.3	18	09	5	6	02	1	0.7	10.3	1.4	43.0	7.7	7.2
14	1019.2	19.3	10.1	9.1	25	05	7	7	02	1	tr	11.3	0.1	43.1	8.4	7.4
15	1022.3	18.0	11.0	10.4	20	05	8	6	50	1	0.0	11.3	0.0	43.1	8.9	7.5
16	1024.8	17.2	10.9	9.5	23	09	8	7	02	1	0.5	11.8	0.0	43.1	9.2	7.7
17	1026.0	18.4	9.3	8.3	20	09	8	6	02	1	1.2	13.0	0.0	43.1	9.3	7.9
18	1009.7	18.9	8.1	6.6	23	09	6	8	02	1	1.4	14.4	2.7	45.8	9.3	7.9
19	1018.1	19.2	7.7	5.7	32	09	7	8	02	1	tr	14.4	5.9	51.7	8.6	8.1
20	1021.4	18.9	8.7	7.8	29	05	7	7	50	1	0.0	14.4	0.9	52.6	8.6	8.2
21	1025.2	17.8	5.1	4.2	00	00	3	7	02	1	0.0	14.4	4.7	57.3	8.3	8.3
22	1020.7	16.1	9.1	8.8	18	13	7	6	02	1	5.5	19.9	1.2	58.5	8.5	8.3
23	1011.4	16.0	9.2	8.6	32	05	7	6	02	1	2.8	22.7	1.1	59.6	8.3	8.3
24	1010.3	17.8	9.3	9.1	27	09	3	6	02	1	0.3	23.0	5.7	65.3	8.8	8.3
25	1012.5	18.6	10.6	10.0	20	13	8	6	80	1	0.5	23.5	0.3	65.6	9.1	8.4
26	1002.7	18.8	12.8	11.5	20	13	8	7	02	1	1.7	25.2	4.3	69.9	9.6	8.5
27	1012.8	17.8	7.8	6.2	20	09	8	6	80	1	4.0	29.2	0.0	69.9	8.1	8.6
28	1025.8	17.4	7.2	4.7	23	13	2	8	02	1	tr	29.2	8.9	78.8	8.4	8.7
29	1029.7	16.1	8.6	7.2	23	02	4	8	02	1	0.0	29.2	3.7	82.5	8.4	8.6
30	1028.6	16.0	8.6	6.0	18	05	7	8	02	1	0.0	29.2	0.1	82.6	8.6	8.6
* 31	1024.4	17.3	8.0	6.1	23	09	7	7	02	1	0.0	29.2	6.0	88.6	8.6	8.6

* Data for 31st not entered. Error detected 22/1/02 by Ana Garcia. Entry made from pocket register by Shane/Kelly 22/1/02

TEMPERATURE

MAX.	MIN.	GRASS. MIN.	REMARKS:
12.6	4.6	2.6	0 St 24 at obs, / o 24 morn, 1200 ^h c 24, slight sun after, 1600 ^h c 19, 1820 ^h -1910 ^h pr, 2000 ^h c 24, 2200 ^h -2300 ^h pr, 2300 ^h -2330 ^h pr 24.
8.4	3.5	1.4	0610 ^h pr, slight sun before obs, b Ci 13 sun at obs, / Mostly sunny morn, 1150 ^h pr, 1200 ^h bc 24, Mostly sun after, 1600 ^h bc 19, 2000 ^h bc 19.
10.3	1.9	-0.9	slight sun before obs, bc Ci 09 sun at obs, / Mostly sunny morn, 1200 ^h bc 05, sun, Sunny after, 1600 ^h bc 05 sunny, 2000 ^h bc 05, 2200 ^h bc 05 freezing.
8.4	-3.1	-7.4	slight sun before obs, b Ci 05 frosty misty at obs, / Sunny spell am, 1200 ^h bc 09, bc after, 1600 ^h bc 09, 2000 ^h bc 02.
11.1	-0.7	-0.9	0 St 13 ido at obs, / 0950 ^h pr c morn, 1200 ^h bc 13, Sunny spells after, 1600 ^h bc 09, 2000 ^h bc 09, 2200 ^h bc 09 freezing.
11.1	1.0	-4.6	c St-lent 13 at obs, / slight sun am, 1200 ^h bc 13, c after, 1600 ^h c 09, 2000 ^h c 19.
13.6	5.2	4.0	0550 ^h pr, o St 19 at obs, / slight sun am, 1200 ^h c 19, c after, 1550 ^h pr, 1615 ^h -1755 ^h rr, 2000 ^h c 19.
10.7	-0.3	-4.2	Sunny spell before obs, b 02 sun at obs, / Sunny morn, 1200 ^h bc 02 sun, Sunny after, 1600 ^h bc 05 sun, 2000 ^h bc 05.
9.1	-2.2	-4.7	c Cu 02 misty at obs, / c morn, 1200 ^h c 05, c after, 1600 ^h bc 05, slight sun, 2000 ^h c 05 misty.
12.9	-0.4	-0.5	o Cu-st 05 misty at obs, / c morn mist clearing, 1200 ^h bc 05, Sunny after, 1600 ^h bc 05 sun, 2000 ^h bc 05.
13.3	2.9	-1.0	Foggy before obs, foggy calm at obs, / fog clearing, slight sun am, 1200 ^h bc 05, slight sun pm, 1600 ^h bc 05, 2000 ^h bc 05.
14.7	5.9	2.7	bc Cu 05 fog at obs, / fog clearing, 1200 ^h bc 05, Broken sunny after, 1600 ^h bc 05 sunny, 2000 ^h bc 05.
13.7	7.3	4.0	bc Cu-Ci 09 at obs, / slight sun am, 1200 ^h bc 09, slight sun pm, 1600 ^h bc 09, slight sun, 2000 ^h bc 09.
13.3	8.5	7.1	0350 ^h , 0430 ^h , 0520 ^h pr, c Cu 05 at obs, / c morn, 1200 ^h c 05, slight sun after, 1600 ^h c 05, 2000 ^h c 05.
13.5	10.0	8.9	o St 05 50 at obs, / o morn, 1200 ^h c after, 1600 ^h c 05, 2000 ^h bc 05.
13.1	9.3	7.5	o St 09 at obs, / o morn, 1200 ^h c 09, c after, 1600 ^h c 09, 2000 ^h c 09.
10.6	9.0	7.1	o St 09 at obs, / o morn, 1200 ^h c 13, c after, 1600 ^h c 13, 2000 ^h c 09.
11.0	5.4	1.6	0150 ^h pr, Sunny spell before obs, c Cu 09 at obs, / slight sun am, 1030 ^h , 1110 ^h pr, 1200 ^h bc 09, Sunny spells pm, 1600 ^h bc 19, 1800 ^h pr, 2000 ^h bc 13.
12.4	5.3	2.3	c Cu 09 at obs, / Broken sun morn, 1200 ^h bc 09, Broken sunny after, 1600 ^h bc 09, sun spell, 2000 ^h bc 09.
12.3	5.1	0.2	slight sun before obs, c Cu 05 ido at obs, / slight sun am, 1200 ^h c 05, slight sun after, 1600 ^h bc 05, 2000 ^h bc 05.
11.7	-0.2	-4.3	slight sun before obs, bc Cu 00 sun at obs, / Sunny morn, 1200 ^h bc 05 sun, slight sun pm, 1600 ^h c 05, 2000 ^h c 05.
10.0	4.4	0.5	slight sun before obs, c Cu 13 at obs, / c morn, 1200 ^h c 13, 1250 ^h -1350 ^h rr, slight sun pm, 1600 ^h c 09 pr, slight sun, 1920 ^h pr, 2350 ^h pr.
12.4	6.5	5.4	slight sun before obs, c Cu 05 at obs, / slight sun am, 1200 ^h c 05, slight sun pm, 1600 ^h c 05, 2000 ^h bc 05, 2130 ^h pr, 2220 ^h pr,
12.7	7.1	2.7	0110 ^h -0250 ^h rr, slight sun before obs, bc Cu 09 at obs, / Sunny spell, 1055 ^h pr, 1200 ^h bc 09, Broken sun pm, 1600 ^h bc 09, 1610 ^h pr, 2000 ^h bc 09.
12.8	7.6	6.5	o Cu 13 pr at obs, / 0920 ^h pr, o morn, 1200 ^h c 13, c after, 1600 ^h c 13, slight sun, 2000 ^h c 09.
13.1	10.3	9.5	o Cu 13 at obs, / o morn, 1030 ^h pr, 1200 ^h bc 09 sun, Broken sunny pm, 1600 ^h bc 09 sun, 2000 ^h bc 13, 2250 ^h pr.
8.0	7.0	4.2	o Cu 09 pr at obs, / 0920 ^h pr, o morn, 1150 ^h -1410 ^h rr, o after, 1600 ^h c 09, 2000 ^h bc 13, 2045 ^h pr, 2105 ^h pr,
11.5	2.4	-1.7	Sunny before obs, / b Cu 13 sun at obs, / Mostly Sunny morn, 1040 ^h pr, 1200 ^h bc 13, Broken sun pm, 1600 ^h bc 13, 2000 ^h bc 13.
10.1	4.6	1.1	Sunny before obs, bc Cu 02 at obs, / Sunny spell am, 1200 ^h bc 05, Broken sun pm, 1600 ^h bc 05, 2000 ^h c 05.
12.9	5.9	3.3	slight sun before obs, c Cu 05 at obs, / c morn, 1200 ^h c 05, c after, 1600 ^h c 09, 2000 ^h c 09.
10.1	5.0	0.1	slight sun bef. obs, c Cu 09 at obs, / broken sunny morn, 1200 ^h bc 09, Broken sun after 1600 ^h bc 09, 2000 ^h c 09.

1997

MARCH 1997

RAIN FALL

MARCH 1997 29.2mm (1.1ins)

AVERAGE MARCH (2.08ins)

Wettest days: 1st, 7th, 22nd (4.0, 5.9, 5.4mm)

Driest March since 1973 (1.05ins)

SUNSHINE

March 1997 88.6hrs

AVERAGE MARCH 102.0hrs

Sunniest days: 3rd, 8th, 28th (8.2, 9.1, 8.9hrs)

AVERAGE TEMPERATURE

March 1997 8.1°C (46.6°F)

AVERAGE MARCH 6.1°C (42.9°F)

Mildest days: 7th, 12th, 13th (13.6, 14.7, 13.7°C)Coldest days: 2nd, 4th, 27th (8.4, 8.4, 8.0°C)Mildest nights: 15th, 16th, 26th (10.0, 9.3, 10.3°C)Coldest nights: 4th, 5th, 9th (-3.1, -0.7, -2.2°C)

Mildest March since 1990 (8.3°C)

Seventh mildest March since 1866

10 days with ground frost

6 days with air frost

2 days with fog.

1997

Snow
or
SLEETSnow
Lying
0900^hSnow
Lying
0^h-24^h

HAIL

THUNDER

Fog^h
0900^hFog^h
0^h-24^hAir
FrostGround
Frost

GALE

MARCH 1997

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TOTAL RAIN FALL 29.2 mm (1.1 ins)

TOTAL SUNSHINE 88.6 HRS

MAX TEMP 14.7°C on 12th MARCHMIN TEMP -3.1°C 4th MARCHLOWEST MAX TEMP 8.0°C 27th MARCHHIGHEST MIN TEMP 10.3°C 26th MARCH

MEAN MAX 14.2°C 11.7°C

MEAN MIN 4.4°C 4.5°C

MEAN TEMP FOR MONTH 7.8°C 8.1°C

MIN GRASS TEMP -7.4°C 4th MARCHHIGHEST BAR M.S.L 1038.1 mb 8th MARCHLOWEST BAR M.S.L 1002.7 mb 26th MARCHHIGHEST DAILY SUNSHINE 9.1 HRS 8th MARCHHIGHEST DAILY RAINFALL 5.9 mm 7th MARCH

1997 APRIL	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	1021.5	18.4	10.1	9.0	23	13	8	6	05	1	0.0	0.0	3.9	3.9	9.2	8.7
2	1020.8	19.0	9.1	7.4	20	05	7	6	80	1	0.9	0.9	0.7	4.6	9.2	8.7
3	1017.2	18.2	7.5	5.1	32	13	7	7	02	1	0.4	1.3	7.1	11.7	9.2	8.7
4	1026.1	17.9	6.4	5.7	20	09	8	5	50	1	0.0	1.3	1.0	12.7	8.8	8.8
5	1019.2	17.1	10.9	9.7	32	09	8	7	02	1	0.0	1.3	0.0	12.7	9.2	8.7
6	1026.3	16.9	10.9	10.4	25	02	7	7	02	1	0.0	1.3	0.0	12.7	9.6	8.8
7	1029.8	19.0	12.1	10.2	23	05	4	7	02	1	0.0	1.3	4.0	16.7	9.9	8.9
8	1027.4	18.9	10.6	7.4	18	09	5	6	05	1	0.0	1.3	6.7	23.4	10.2	9.1
9	1030.9	19.4	9.7	8.5	00	00	7	6	05	1	0.0	1.3	2.1	25.5	10.2	9.1
10	1036.0	19.2	8.1	6.1	00	00	2	8	02	1	0.0	1.3	8.2	33.7	9.8	9.3
11	1035.2	18.1	9.2	7.5	36	05	7	8	02	1	0.0	1.3	2.3	36.0	10.3	9.3
12	1035.2	17.3	9.0	7.4	23	02	3	6	05	1	0.0	1.3	8.3	44.3	10.3	9.5
13	1031.9	18.6	9.1	7.6	02	02	8	7	02	1	0.0	1.3	0.2	44.5	11.2	9.5
14	1030.8	20.8	11.5	9.9	36	02	5	6	02	1	0.3	1.6	0.5	45.0	11.1	9.7
15	1032.7	21.1	10.0	9.1	02	05	9	5	43	1	0.0	1.6	0.2	45.2	11.1	9.7
16	1032.5	20.8	9.8	8.7	00	00	9	4	43	1	0.0	1.6	0.4	45.6	11.0	9.9
17	1029.4	19.3	9.9	8.4	05	05	3	5	10	1	0.0	1.6	4.2	49.8	11.0	10.0
18	1027.6	18.1	8.5	7.6	00	00	6	4	42	1	0.0	1.6	0.0	49.8	10.7	10.0
19	1024.7	17.7	8.1	6.5	07	05	7	7	02	1	0.0	1.6	0.0	49.8	11.1	10.1
20	1026.5	15.2	8.0	4.6	09	05	1	8	02	1	0.0	1.6	11.8	61.6	10.2	10.1
21	1020.3	17.8	9.8	7.6	00	00	7	7	02	1	1.4	3.0	5.7	67.3	10.4	10.1
22	1019.7	17.2	7.5	5.0	36	02	5	7	01	1	0.0	3.0	2.2	69.5	10.4	10.0
23	1013.3	17.1	10.2	7.9	23	19	7	7	02	1	0.1	3.1	2.6	72.1	10.1	10.0
24	1011.4	19.7	11.8	10.6	25	13	8	6	02	1	15.3	18.4	0.1	72.2	10.3	10.0
25	1012.2	17.8	7.2	6.8	09	13	8	6	63	2	2.1	20.5	0.0	72.2	10.4	10.0
26	1007.2	16.7	10.2	9.5	11	13	8	6	02	1	0.7	21.2	0.0	72.2	10.3	10.0
27	1005.5	17.0	13.1	11.1	20	09	8	5	02	1	9.0	30.2	2.8	75.0	10.8	10.0
28	999.5	18.8	11.6	10.5	20	19	8	6	61	2	4.4	34.6	0.9	75.9	11.3	10.0
29	1015.1	19.1	11.0	9.1	32	13	7	7	02	1	0.0	34.6	5.0	80.9	11.3	10.1
30	1024.1	20.0	14.3	12.6	20	09	8	6	01	1	0.0	34.6	1.0	81.9	11.6	10.2
31																

24TH * READINGS AT 1315^H

TEMPERATURE

MAX.	MIN.	GRASS. MIN.	REMARKS:
13.0	7.8	4.7	slight sun before obs, o Cu 13 HAZE at obs, / Broken sun am, 1200" bc 09, Broken sun after, 1600" bc 09, Broken sun even, 2000" c 09.
12.1	4.2	-1.7	slight sun before obs, c Cu 05 pre at obs, / c morn, 1200" c 09, c after slight sun pm, 1600" c 09, 2000" c 09.
10.4	5.5	2.5	slight sun before obs, c Cu 13 at obs, / 0910 pre, Broken sun morn, 1200" bc 05, Broken sun after, 1600" bc 09, 2000" bc 09.
12.9	2.5	-3.0	0800: do o St 09: do at obs, / slight sun morn, 1200" c Cu 09, slight sun after, 1600" c 09, 2000" c 09.
12.0	5.9	8.6	o Cu 09 at obs, / o morn, 1200" c 13, c after, 1600" c 13, 2000" c 13.
13.4	9.6	9.1	c Cu 02 at obs, / c morn, 1200" c 13, c after, 1600" c 13, 2000" c 05.
16.1	7.5	4.1	slight sun before obs, bc Cu 05 at obs, / slight sun morn, 1200" bc 05, Broken sun after, 1600" bc 05, 2000" c 05.
16.2	6.1	2.6	bc Ci-St 09 HAZE at obs, / Mostly sunny morn, 1200" bc 05, Sunny after, 1600" bc 09, 2000" bc 05.
11.7	3.1	-0.9	misty before obs, c Cu calm HAZE at obs, / c morn, 1200" bc 05, bc after, 1600" bc 05, slight sun, 2000" bc 05.
14.7	0.6	-4.0	Sunny spell before obs, b Cu calm sun at obs, / sunny morn, 1200" bc 05, sun, Sunny after, 1600" bc 05, 2000" bc 09.
13.5	5.6	0.1	slight sun before obs, c Cu 05 at obs, / Broken sunny morn, 1200" bc 05, slight sun after, 1600" bc 05, 2000" bc 05.
15.8	2.3	-1.8	Sunny before obs, bc A-Cu 02 HAZE at obs, / Sunny morn, 1200" b 05 sunny, Sunny after, 1600" bc 05, 2000" bc 05.
11.5	7.5	7.4	o Cu 02 at obs, / c morn, slight sun morn, 1200" c 05, c after, 1600" c 02, 2000" c 05.
13.2	7.4	2.3	slight sun before obs, bc Cu 02 at obs, / slight sun morn, 1200" c 05, c after, 1600" c 05, 2000" c 05.
12.1	8.5	8.5	foggy 05 at obs, / fog clearing, slight sun, 1200" bc 05, bc after, 1600" bc 05, 2000" bc 05.
14.4	5.6	0.9	foggy calm - at obs, / fog clearing slight sun morn, 1200" bc Cu 05, slight sun after, 1600" bc 05, 2000" bc 05.
13.2	2.6	-1.1	0600 fog, Sunny before obs, bc Cu 05 sun, misty at obs, / Broken Sunny morn, 1200" bc 05, 1600" bc 05, 2000" bc 05.
12.9	3.4	-0.7	foggy before obs, bc Cu calm fog 4 at obs, / bc morn fog clearing, 1200" bc 05, bc after, 1600" bc 05, 2000" bc 05.
9.0	7.3	5.9	c Cu 05 at obs, / c morn, 1200" c 05, c after, 1600" c 05, 2000" bc 05.
12.2	-2.1	-4.9	Sunny before obs, b Cu 05 sun at obs, / Sunny morn, 1200" b 05 sun, slight Sunny after, 1600" b 05 sunny, 2000" b 05.
12.2	4.4	0.7	Sunny before obs, c Cu calm at obs, / long sunny spells after. 1330" - 1840", PR 1130"
10.4	1.2	-3.0	bc cool sunny morn. / sunny spell 0900" - 1000", generally o after.
13.4	3.8	-0.8	cool c morn., sunny at obs. / sunny spells 1000" - 1300", mainly o breezy after.
13.2	9.1	7.4	o morn. / o day, rr 1600" - 2400"
10.1	6.7	6.3	rr, rr, 0000" - 0630", rr 0630" - 0900", o cool morn., rr at obs. / rr 0900" - 1100", mainly o dry after.
13.1	6.9	6.6	cool c morn. / rr, rr, 1445" - 1630"
14.9	6.9	8.8	mild morn., brief sunny spells 0730" - 0900" / sunny periods 0900" - 1300", RR 1415" - 1540", RR 1640" - 1700"
12.8	7.0	8.4	ir 0400", ^{0620"} sunny intervals 0645" - 0800" / brief sunny spells rr, rr, 0800" - obs, few sunny spells 0615" - 0710" / rr 0900" - 1215", brief sunny spells 1630" - 1700"
14.9	8.4	5.5	pr 0400", sunny intervals 0645" - 0800" / brief sunny spells 0900" - 1200", sunny periods 1200" - 1430" & 1630" - 1830"
19.0	7.5	3.4	mild o morn., brief sunny spells 0800" - 0830" / brief sunny spells 1330" - 1520"

APRIL 1997

RAIN FALL

APRIL 1997 1.36 ins

AVERAGE APRIL 2.23 ins

Wettest days: 24th, 27th, 28th (15.3, 9.0, 4.4 mm)

SUNSHINE

APRIL 1997 81.9 hrs.

AVERAGE APRIL 145 hrs

Sunniest days: 10th, 12th, 20th (8.2, 8.3, 11.8 hrs)

Dullest April, since 1992 (79.5 hrs)

AVERAGE TEMPERATURE

April 1997 9.3°C (48.7°F)

AVERAGE APRIL 8.0°C (46.4°F)

Mildest days: 7th, 8th, 30th (16.1, 16.2, 19.0°C)Coldest days: 19th, 25th (9.0, 10.1°C)Mildest nights: 6th, 15th, 24th (9.6, 8.5, 9.1°C)Coldest nights: 10th, 20th, 22nd (0.6, -2.1, 1.2°C)

HIGHEST APRIL AVERAGE TEMPERATURE SINCE 1987 (9.4°C)

10 days with ground frost.

1 day with air frost.

4 days with fog.

1997

APRIL

SNOW
OR
SLEETSNOW
LYING
9000^hSNOW
LYING
0^h-24^h

HAIL

THUNDER

FOG^h
0900^hFOG^h
0^h-24^hAIR
FROSTGROUND
FROST

GALE

APRIL 1997

1
2
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31

TOTAL RAINFALL 34.6mm (1.36ins)

TOTAL SUNSHINE 81.9 hrs

MAX TEMP 19.0°C on 30th

MIN TEMP -2.1°C on 20th

LOWEST MAX TEMP 9.0°C on 19th

HIGHEST MIN TEMP 9.6°C on 6th

MEAN MAX 13.1°C

MEAN MIN 5.4°C

MEAN TEMP FOR MONTH 9.3°C 9.25

MIN GRASS TEMP -4.9°C on 20th

HIGHEST BAR. M.S.L 1036.0 mb on 10th

LOWEST BAR M.S.L 999.5 mb on 28th

HIGHEST DAILY SUNSHINE 11.8 hrs on 20th

HIGHEST DAILY RAINFALL 15.3mm on 24th

1997 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	1025.7	20.7	14.1	11.2	18	09	5	7	02	1	0.0	0.0	12.4	12.4	12.4	10.4
2	1025.1	21.0	16.0	12.3	20	05	1	7	02	1	0.0	0.0	13.3	25.7	13.2	10.5
3	1015.0	20.1	15.1	12.4	00	00	6	6	02	1	1.2	1.2	3.6	29.3	13.7	10.8
4	993.1	19.6	15.0	12.1	18	13	4	8	02	1	22.0	23.2	3.2	32.5	13.8	11.1
5	991.8	20.3	5.7	5.3	36	13	8	5	63	1	2.5	25.7	4.4	36.9	13.3	11.2
6	1003.6	18.5	5.0	3.4	34	09	5	7	02	1	3.0	28.7	8.7	45.6	12.3	11.3
7	1003.9	18.0	6.0	4.5	29	05	8	8	02	1	4.5	33.2	1.2	46.8	11.6	11.3
8	994.2	18.0	6.7	5.8	29	05	7	6	60	1	0.5	33.7	4.0	50.8	11.3	11.3
9	996.1	17.9	9.0	6.5	29	02	4	8	02		7.6	41.3	7.1	57.9	11.1	11.2
10	993.5	18.1	8.3	7.6	14	13	8	4	64	1	10.0	51.3	0.7	58.6	12.1	11.1
11	992.3	17.9	8.7	7.6	36	02	7	6	01		1.0	52.3	3.8	62.4	11.9	11.0
12	1002.2	18.0	9.2	7.4	20	19	8	7	02	1	3.9	56.2	5.0	67.4	11.6	11.0
13	1011.1	18.4	10.3	8.2	23	13	7	7	02	1	2.3	58.5	6.2	73.6	11.6	11.0
14	1017.7	19.1	11.4	9.4	20	09	8	7	03	1	tr	58.5	2.5	76.1	12.0	11.0
15	1019.8	18.9	13.0	10.4	16	09	5	7	01	1	0.0	58.5	11.7	87.8	12.0	11.1
16	1018.9	20.8	14.3	10.9	09	02	1	6	01	1	1.8	60.3	10.1	97.9	12.9	11.1
17	1014.2	19.9	11.3	10.8	09	02	8	4	02	1	11.4	71.7	0.0	97.9	13.6	11.3
18	1009.2	19.6	11.0	10.7	23	02	8	4	65	1	5.5	77.2	0.0	97.9	13.6	11.4
19	1007.5	18.9	12.0	11.1	16	02	8	6	10	1	6.8	84.0	3.2	101.1	13.4	11.6
20	1004.7	19.1	10.7	10.4	00	00	9	3	43	1	0.6	84.6	0.0	101.1	13.7	11.6
21	1011.7	18.2	9.7	8.3	00	00	8	7	02	1	tr	84.6	0.0	101.1	13.4	11.7
22	1018.2	17.4	11.2	7.9	14	05	7	7	02	1	0.0	84.6	4.0	105.1	13.1	11.8
23	1023.9	17.1	11.3	8.4	05	02	3	7	02	1	0.0	84.6	9.6	114.7	12.9	11.9
24	1031.7	16.8	12.1	7.7	16	05	3	8	02	1	0.0	84.6	12.8	127.5	12.9	11.9
25	1031.2	18.2	14.0	9.4	00	00	3	6	02	1	0.0	84.6	10.8	138.3	13.8	12.0
26	1029.6	20.2	13.8	12.2	23	05	8	6	02	1	0.0	84.6	1.6	139.9	14.6	12.1
27	1029.3	21.2	14.1	11.8	02	02	4	7	02	1	0.0	84.6	12.1	152.0	14.6	12.2
28	1031.0	21.1	15.1	13.0	00	00	0	5	05	1	0.0	84.6	10.7	162.7	16.0	12.4
29	1030.1	21.0	15.9	12.6	00	00	0	5	10	1	0.0	84.6	12.9	175.6	16.4	12.6
30	1028.5	20.0	16.6	12.6	00	00	0	7	05	1	0.0	84.6	13.1	188.7	16.6	13.0
31	1028.1	21.7	17.2	14.0	00	00	3	5	10	1	0.0	84.6	13.2	201.9	17.0	13.2

TEMPERATURE

MAX.	MIN.	GRASS. MIN.	REMARKS:
21.3	9.4	6.3	mild morn, cirrus, long sunny period 0620" - obs. / long sunny period 0900" - 1845"
21.2	9.6	5.2	warm & morn., sunny 0600" - obs., cirrus / long sunny period 0900" - 1915"
19.1	9.5	1.8	mild morn., sunny spell 0700" - 0820" / sunny spell 1300" - 1430"
15.4	12.1	10.0	sunny period 0645" - obs. / RR 1110" - 1200", thunder 1130", RR 1450", ir 1500" - 1850", RR 1850" - 1910"
9.9	5.4	6.4	raining at obs., ir 0445" - 0630", rr 0630" - obs. / rr 0900" - 1050", sunny 1430" - 1815", slight snow overnight
7.4	-0.7	-2.2	cool bc morn., sunny spells 0600" - obs. / Δ 1000", snow pellets 1400", ir 1000" - 1040", ir 1320" - 1610", sunny spells throughout day
8.6	0.8	-1.8	ir 1055" - 1355" / r.r. 1515" - 2400", brief sunny intervals 0930" - 1130"
10.6	4.5	4.4	r.r. 0000" - obs., c morn. / brief sunny spells 1100" - 1215" & 1430" - 1530", sunny period 1630" - 1900"
12.5	1.9	0.9	sunny periods 0530" - obs., bc morn. / ir 1925" - 2000", r.r. 2100" - 2400", sunny 0900" - 1215", brief sunny periods 1330" - 1630"
9.6	1.9	5.3	r.r. 0000" - 0530", ir 0530" - 0600", RR 0650" - 0800" / RR 0930" - 1120", ir 1450" - 1545", ir 2030" - 2200"
13.0	5.6	2.3	ir 0100" - 0300", cool & morn. / ir 1200" & 1450", brief sunny periods throughout day
12.1	6.9	3.5	cool fresh o morn., slight rain at obs. / ir 1030", ir 1210", ir 1305" - 1430", ir 1640" - 1730", sunny spells 1130" - 1930"
14.2	7.1	4.0	cool & morn., brief sunny spells 0715" - 0830" / sunny periods 0900" - 1930", ir 1120", ir 1230", ir 1445", ir 1755" - 1815"
14.1	5.8	1.0	sunny spells 0610" - 0815", slight rain at obs. / dry day, a few brief sunny spells 0930" - 1400"
17.1	6.8	1.0	long sunny spells 0500" - 0900", bc morn. / long sunny spell 0900" - 1630"
17.6	8.7	3.6	mild & morn., sunny period 0620" - obs. / Sunny morn, 1200" bc Sunny, Sunny pm, 1600" bc Sun, 2000" bc.
15.3	9.8	7.1	0220" - 0410" r.r., 00% fog at obs. / o morn, 1200" o, o after, 1600" c, 2000" c OS, 2200" c OS.
13.7	10.3	10.5	0640" - 0755" r.r., 0755" - 0900" RR, o St OS RR misty at obs. / 0900" - 1040" rr, 1120" - 1310" ir, c after, 1700" pr, 2110" pr, 2250" pr.
17.2	10.0	6.8	Broken sun before obs, o St 02 mist at obs, Broken sun qn, 1200" bc 02. Broken sun pr, 1600" c OS, 1720" pr, 1840" pr, 2020" - 2359" rr.
12.6	10.2	10.5	0001" - 0050" r.r., 0350" pr, foggy clear at obs. / Fog clearing, 1110" - 1205" pr, c after, 1600" c OS, 2000" c OS.
11.2	8.6	8.6	o Cu 00 at obs. / o-c morn, 1200" c OS, c after, 1600" c OS, 2000" c OS.
12.4	7.7	6.8	c Cu 05 at obs. / slight sun morn, 1200" bc OS, Broken sun after, 1600" bc OS, sunny evening, 2000" bc OS.
13.8	6.7	4.4	Sunny spells before obs, bc Cu 02 sun at obs. / Mostly sunny morn, 1200" bc OS, Broken sun after, 1600" bc OS, Broken sun 2000" bc OS.
15.4	1.7	-1.8	Sunny before obs, bc Cu 05 sun at obs. / Sunny morn, 1200" bc OS, Sunny after, 1600" bc OS, Sunny evening, 2000" bc OS.
18.1	2.9	-1.4	Sunny before obs, bc Cu 00 at obs. / Mostly sunny morn, 1200" b 02 sun, Sunny pm, 1600" bc OS, Broken sun, 2000" bc OS.
18.9	8.3	4.4	o Cu 05 at obs. / o morn, 1200" bc OS, Broken sun after, 1600" bc OS, slight sun, 2000" bc OS.
20.3	9.0	7.4	Sunny spells before obs, bc Cu 02 sun at obs. / Sunny morn, 1200" b 02 Sunny after, 1600" b OS, Sunny, 2000" b OS.
20.2	10.0	9.1	Sunny spell before obs, b 00 sunny haze at obs. / Broken sunny morn, 1200" b 02, Sunny after, 1600" b 02 sunny, 2000" b OS.
21.1	6.6	2.1	Sunny before obs, b 00 misty sunny at obs. / Sunny morn, 1200" Sunny OS, Sunny pm, 1600" sun OS, Sunny 2000" OS.
23.5	5.8	0.8	Sunny before obs, b calm haze sun at obs. / Sunny morn, 1200" b OS, Sunny after, 1600" b OS, Sunny, 2000" b OS.
24.9	7.6	3.4	Sunny before obs, bc Ci misty calm sun at obs. / Sunny morn, 1200" b 02, Sunny after, 1600" b OS, Sunny, 2000" b OS.

1997

MAY 1997

RAINFALL

MAY 1997 3.33 INS

AVERAGE MAY 2.38 INS

Wettest days: 4th, 10th, 17th, (22.0, 10.0, 11.4 mm)

SUNSHINE

MAY 1997 201.9 hrs

AVERAGE MAY 173 hrs

Sunniest days: 2nd, 30th, 31st (13.3, 13.1, 13.2 hrs)

Sunniest May since 1989 (227.5 hrs)

AVERAGE TEMPERATURE

MAY 1997 11.2°C (52.1°F)

AVERAGE MAY 10.8°C (51.5°F)

Mildest days: 1st, 2nd, 30th, 31st (21.3, 21.2, 23.5, 24.9°C)Coldest days: 6th, 7th (7.4, 8.6°C)Mildest nights: 4th, 18th, 20th (12.1, 10.3, 10.2°C)Coldest nights: 6th, 7th (-0.7, 0.8°C)

4 days with ground frost.

1 day with air frost

2 days with snow/snow pellets

1 day with Thunder (4th)1 day with fog (20th)

1997

MAY

SNOW
OR
SLEETSNOW
LYING
0900^hSNOW
LYING
0^h-24^h

HAIL

THUNDER

FOG
0900^hFOG
0^h-24^hAIR
FROSTGROUND
FROST

GALE

MAY 1997

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31TOTAL RAINFALL 84.6 mm 333^{INS}

TOTAL SUNSHINE 201.9 HRS

MAX TEMP 24.9°C 31st MAY 97MIN TEMP -0.7 °C 6th MAY 97LOWEST MAX TEMP 7.4°C 6th MAY 97HIGHEST MIN TEMP 12.1°C 4th MAY 97

MEAN MAX 15.5°C

MEAN MIN 6.7°C

MEAN TEMP FOR MONTH 11.1°C ✓

MIN GRASS TEMP -2.2°C 6th MAY 97HIGHEST BAR M.S.L 1031.7 mb 24th MAY 97LOWEST BAR M.S.L 991.8 mb 5th MAY 97HIGHEST DAILY SUNSHINE 13.3 HRS 2nd MAY 97HIGHEST DAILY RAINFALL 22.0 mm 4th MAY 97

1997	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.
June																
1	1030.2	21.9	15.4	12.1	16	09	2	6	05	1	0.0	0.0	12.2	12.2	17.6	13.4
2	1028.2	21.3	15.6	11.2	05	09	0	7	02	1	0.0	0.0	13.5	25.7	17.2	13.6
3	1024.6	21.0	11.9	9.7	09	09	7	7	02	1	0.0	0.0	9.3	35.0	17.3	13.8
4	1017.2	21.0	17.5	13.9	16	02	1	6	02	1	tr	0.0	12.5	47.5	17.2	14.0
5	1008.8	21.8	15.3	13.8	16	02	8	5	02	1	10.5	10.5	1.0	48.5	17.5	14.2
6	995.4	20.1	14.8	13.3	16	13	8	7	02	1	8.1	18.6	1.9	50.4	16.9	14.2
7	994.3	19.9	15.3	13.2	16	13	7	7	02	1	1.3	19.9	6.9	57.3	16.5	14.3
8	998.3	18.8	14.7	12.7	18	24	8	5	50	1	0.0	19.9	5.4	62.7	16.4	14.3
9	1017.0	18.8	14.0	10.0	18	13	4	7	02	1	0.8	20.7	7.0	69.7	15.7	14.2
10	1019.3	19.0	13.3	12.5	18	02	8	6	05	1	13.0	33.7	0.0	69.7	15.4	14.2
11	1009.1	19.3	10.9	10.5	05	09	8	4	60	1	1.6	35.3	0.0	69.7	15.6	14.1
12	1005.3	21.4	13.9	13.4	00	00	8	4	10	1	2.7	38.0	0.0	69.7	15.2	14.0
13	1005.2	20.0	11.7	11.0	00	00	7	7	02	1	tr	38.0	0.0	69.7	15.4	14.0
14	1012.6	18.8	11.8	8.9	16	09	7	6	02	1	0.0	38.0	1.4	71.1	15.1	14.0
15	1019.3	17.4	11.1	8.2	32	05	7	8	02	1	0.0	38.0	3.1	74.2	14.7	13.9
16	1017.1	18.1	13.8	10.1	00	00	3	8	02	1	0.0	38.0	9.3	83.5	14.5	13.9
17	1023.6	18.9	14.1	10.6	00	00	2	8	02	1	0.0	38.0	10.1	93.6	15.0	13.9
18	1012.4	19.9	14.3	12.8	18	13	8	6	50	1	0.9	38.9	4.0	97.6	15.8	13.7
19	1004.2	19.9	13.3	9.9	20	02	4	8	02	1	0.0	38.9	6.9	104.5	15.8	13.9
20	996.9	19.9	11.4	9.6	18	05	8	8	02	1	18.5	57.4	0.2	104.7	16.1	14.0
21	989.5	18.1	11.1	10.4	02	05	8	7	02	1	0.3	57.7	0.0	104.7	15.1	14.0
22	1001.4	17.9	14.8	12.7	36	05	6	7	02	1	0.0	57.7	6.7	111.4	14.6	14.0
23	1012.7	19.2	12.6	10.0	23	05	7	7	01	1	0.1	57.8	1.2	112.6	15.8	14.0
24	1016.0	18.7	12.8	9.5	27	05	6	7	01	1	25.4	83.2	0.4	113.0	15.4	14.1
25	1001.0	18.2	12.7	11.9	07	19	7	7	02	1	1.4	84.6	0.0	113.0	15.2	14.1
26	1012.0	17.7	10.2	7.5	02	19	4	8	01	1	4.6	89.2	9.2	122.2	15.0	14.2
27	1015.5	18.1	10.8	8.1	05	05	8	8	02	1	1.5	90.7	2.8	125.0	15.2	14.1
28	1014.4	17.8	11.0	10.2	05	05	8	6	80	1	0.3	91.0	1.7	126.7	15.0	14.1
29	1013.4	18.0	12.4	11.0	05	02	8	6	02	1	0.0	91.0	8.1	134.8	15.3	14.1
30	1010.9	19.0	11.9	10.0	36	05	8	7	02	1	0.6	91.6	1.8	136.6	16.2	14.1
31																

TEMPERATURE

TPO

MAX.

MIN.

GRASS.
MIN.

REMARKS:

18.5	10.8	8.3	Sunny before obs, b Ci 09 sun at obs, / Sunny morn, 1200 ^h b 09, Sunny after, 1600 ^h b 09, Sunny, 2000 ^h b 09.
19.5	6.4	1.3	Sunny before obs, clear sunny 09 at obs, / Sunny morn, 1200 ^h b 05 sunny, Sunny after, 1600 ^h b 05, sun, Sunny 09, 2000 ^h b 09.
18.4	9.5	6.7	c Cu 09 at obs, / Broken sunny morn, 1200 ^h bc 09 sun, Sunny after, 1600 ^h b 09 sun, Sunny evening, 2000 ^h b 09 sun.
20.6	8.2	4.8	Sunny before obs, b Ci 02 sun at obs, / Sunny morn, 1200 ^h b 02 sun, Sunny pm, 1600 ^h b 05, sun, Sunny, 2000 ^h b 05.
19.1	12.5	9.0	o morn, 0 cu 02 at obs, / slight sun am, 1200 ^h c 09, o after, 1600 ^h c 09, 1930 ^h -2100 ^h pr, 2200 ^h -2330 ^h pr.
17.6	11.1	10.7	0000 ^h -0100 ^h pr, 0130 ^h -0200 ^h pr, 0330 ^h pr, 0730 ^h pr, o Cu 13 at obs, / slight sun am, 1200 ^h bc 13, Broken sun pm, 1600 ^h bc 13, 1700 ^h -1920 ^h rr, 2000 ^h bc 13
18.9	12.8	12.0	0300 ^h pr, 0450 ^h -0600 ^h pr, slight sun, c Cu 13 at obs, / Broken sun morn, 1200 ^h bc 13, Broken sun after, 1600 ^h bc 13, Sunny spell, 2000 ^h bc 13
16.3	12.2	12.2	0210 ^h pr, 0240 ^h pr, sun before obs, o Cu 24 ido at obs, / slight sun am, 1200 ^h bc 19, Broken sun pm, 1600 ^h bc 13, sunny spell, 2000 ^h bc 13.
15.6	5.5	5.5	Sunny before obs, bc Cu 13 at obs, / Sunny spell am, 1200 ^h c 09, 1335 ^h pr, 1600 ^h c 09, 1630 ^h pr, Sunny spell evening, 2000 ^h bc 09.
16.0	10.0	10.0	o Cu 02 HAZE at obs, / o morn, 1200 ^h c 02, 1600 ^h c 05, 1630 ^h ir, 2000 ^h c 05 ir.
14.1	10.4	10.4	rain during night, 0 St 09 iro at obs, / 1010 ^h rse, o morn, 1200 ^h c 09, o after, 1600 ^h c 09, 2000 ^h c 09.
15.2	10.7	10.7	0430 ^h rr, 0 St calm misty at obs, / o morn, 1200 ^h c 05, o after, 1600 ^h c 05, 1910 ^h ir, 2100 ^h c 05, 2310 ^h ir.
13.9	10.5	10.5	0250 ^h ir, 0510 ^h -0730 ^h ir, c St calm at obs, / c morn, 1200 ^h c 02, c after, 1600 ^h c 05, 2000 ^h c 05.
13.6	8.5	7.6	c Cu 09 at obs, / slight sun morn, 1200 ^h c 09, slight broken sun after, 1600 ^h bc 09, slight sun, 2000 ^h bc 09.
14.1	3.4	3.1	Sunny before obs, c Cu 05 at obs, / slight sun morn, 1200 ^h c 05, slight broken sun pm, 1600 ^h bc 05, Broken sun 2000 ^h bc 05.
17.8	3.1	-1.8	Sunny before obs, bc Cu - Ci calm sun at obs, / Mostly sunny morn, 1200 ^h bc 05, Mostly sunny after, 1600 ^h bc 05, 2000 ^h bc 05.
19.3	6.0	0.4	Sunny before obs, b Ci calm sunny at obs, / Sunny morn, 1200 ^h b 05 sun, Mostly sunny pm, 1600 ^h bc 05, 2000 ^h bc 05.
18.2	12.4	11.2	o Cu 13 ido at obs, / 0950 ^h pr, c morn, 1200 ^h bc 13, Broken sun after, 1600 ^h bc 09, 2000 ^h bc 09.
17.5	10.0	8.3	Broken sun before obs, bc Cu 02 at obs, / Mostly sunny morn, 1200 ^h bc 05, Broken sun after, 1600 ^h c 05, 2000 ^h c 05.
12.4	8.1	5.1	slight sun before obs, o Cu 05 at obs, / 1010 ^h pr, 1150 ^h pr, 1240 ^h pr, 1350 ^h -1500 ^h rse, 1540 ^h -2100 ^h rr, 2210 ^h -2350 ^h rse.
14.9	9.1	8.9	0020 ^h -0200 ^h rse, 0200 ^h -0430 ^h rr, 0430 ^h -0620 ^h rse, o St 05 at obs, / 1040 ^h pr, 1200 ^h bc 05, Sunny after, 1600 ^h c 09, slight sun even, 2000 ^h c 09, 2150 ^h pr.
17.2	10.9	9.6	c Cu 05 at obs, / Broken sun morn, 1200 ^h bc 05 sun, Sunny after, 1600 ^h c 09 bc sun, Sunny spell, 2000 ^h bc 09.
15.2	10.8	10.4	Slight sun before obs, c Cu 05 at obs, / slight sun am, 1200 ^h c 05, slight sun after, 1600 ^h c 09, slight sun even, 2000 ^h c 09.
14.2	7.0	3.5	Slight sun before obs, c Cu 05 at obs, / c morn, 1200 ^h c 09, c after, 1600 ^h c 09, 1700 ^h -1940 ^h ir, 1940 ^h -2359 ^h rr.
15.7	9.9	10.8	000 ^h -0110 ^h rr, 0200 ^h -0600 ^h ir, c Cu 19 at obs, / c morn, 1200 ^h c 19, c after, 1600 ^h c 19, 1850 ^h -2140 ^h pr.
14.4	7.8	7.4	0110 ^h pr, 0150 ^h pr, 0420 ^h pr, Broken sun before obs, bc Cu 19 at obs, / Broken sun am, 1200 ^h bc 19, Sunny after, 1600 ^h bc 05, Sunny spells evening 2200 ^h -2359 ^h pr.
14.8	7.9	6.6	0040 ^h pr o Cu 05 at obs, / o morn, 1200 ^h bc 05, Broken sun after, 1600 ^h bc 05, Sunny spells evening, 2000 ^h bc 05.
18.3	5.8	7.1	0240 ^h pr, 0530 ^h pr, o Cu 05 pr, at obs, / 0910 ^h pr, 1200 ^h c 05, Broken sun after, 1600 ^h c 05, slight sun evening, 2000 ^h bc 05.
19.0	8.6	7.4	slight sun before obs, o Cu 02 at obs, / slight sun am, 1200 ^h bc 05, Sunny after, 1600 ^h bc 05 sun, 2000 ^h bc 05.
16.0	8.8	8.8	o Cu 05 at obs, / slight sun am, 1200 ^h bc 05, Broken sun after, 1600 ^h c 05, 2000 ^h c 05.

June 1997

RAINFALL

June 1997 3.61 ins
 AVERAGE June 2.46 ins

Wettest days: 5th, 10th, 20th, 24th (10.5, 13.0, 18.5, 25.4 mm)
 Wettest June since 1980th (3.81 ins)

SUNSHINE

June 1997 136.6 hrs
 AVERAGE June 165.0 hrs

Sunniest days: 1st, 2nd, 4th, 17th (12.2, 13.5, 12.5, 10.1 hrs)

AVERAGE TEMPERATURE

June 1997 12.8°C (55.0°F)
 AVERAGE June 13.6°C (56.5°F)

Mildest nights: 5th, 7th, 8th, 18th (12.5, 12.8, 12.2, 12.4°C)
 Coldest nights: 15th, 16th (3.4, 3.1°C)

1 Day with ground frost
 0 Days with air frost

ARES VALLIS, MARS

July

Sol 1 and 2

Maximum Temperature -13°C

Minimum Temperature -76°C

Atmospheric pressure 6.8 mb

Wind Velocity

Early afternoon: light, SW

Late afternoon: 10-15 mph, NW to N

19.97

June

SNOW
OR
SLEETSNOW
LYING
0900^hSNOW
LYING
0^h-24^h

HAIL

THUNDER

FOG
0900^hFOG
0^h-24^hAIR
FROSTGROUND
FROST

GALE

JUNE 1997

1

2

3

4

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TOTAL RAIN FALL 91.6 mm 3.6 ins

TOTAL SUNSHINE 136.6 hrs

MAX TEMP 20.6°C 4th JUNE 97MIN TEMP 3.1°C 16th JUNE 97LOWEST MAX TEMP 12.4°C 20th JUNE 97HIGHEST MIN TEMP 12.8°C 7th JUNE 97

MEAN MAX 16.5°C

MEAN MIN 8.9°C

MEAN TEMP FOR MONTH 12.7°C ✓

MIN GRASS TEMP -1.8°C 16th JUNE 97HIGHEST BAR M.S.L 1030.2 mb 1st JUNE 97LOWEST BAR M.S.L 989.5 mb 21st JUNE 97HIGHEST DAILY RAIN FALL 25.4 mm 24th JUNEHIGHEST DAILY SUNSHINE 13.5 hrs 2nd JUNE

1997 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	1007.5	18.8	9.8	8.7	36	09	8	7	02	1	7.9	7.9	0.0	0.0	15.6	14.2
2	1005.4	20.1	10.6	10.1	36	05	8	5	80	1	7.4	15.3	0.0	0.0	14.8	14.2
3	1006.4	19.0	13.5	12.1	36	05	4	6	02	1	3.0	18.3	1.7	1.7	14.8	14.2
4	1018.1	20.0	12.9	11.0	27	05	7	8	02	1	5.2	18.3	4.4	6.1	15.2	14.1
5	1027.1	19.0	14.8	13.4	27	02	7	6	02	1	0.0	18.3	3.4	9.5	15.6	14.1
6	1028.4	19.8	17.6	15.6	20	09	4	7	02	1	0.0	18.3	3.0	12.5	16.1	14.2
7	1028.9	20.1	16.8	14.6	20	09	5	7	02	1	0.0	18.3	5.0	17.5	16.5	14.3
8	1025.9	21.2	18.3	16.6	00	00	6	7	02	1	0.0	18.3	5.8	23.3	17.2	14.4
9	1022.4	21.9	20.6	17.5	07	02	3	7	02	1	0.0	18.3	12.6	35.9	17.5	14.6
10	1018.6	22.6	20.5	16.7	14	09	2	7	02	1	0.0	18.3	7.5	43.4	18.0	14.8
11	1015.6	22.2	17.9	15.1	18	09	5	7	02	1	0.0	18.3	5.4	48.8	18.2	15.0
12	1014.0	22.0	17.6	14.4	00	00	7	7	02	1	0.7	19.0	1.3	50.1	18.1	15.1
13	1011.3	20.6	16.4	14.9	18	05	8	5	80	1	11.8	30.8	3.8	53.9	17.5	16.2
14	1016.3	20.0	16.1	13.5	18	09	6	8	02	1	4.8	35.6	1.7	55.6	17.1	15.3
15	1015.8	19.2	15.9	15.1	18	13	8	6	02	1	0.6	36.2	1.1	56.7	17.0	15.2
16	1017.7	19.6	14.6	12.9	18	05	7	8	02	1	4.2	40.4	0.0	56.7	17.1	15.2
17	1018.7	19.2	13.7	11.7	32	09	6	8	02	1	0.1	40.5	2.1	58.8	16.7	15.2
18	1025.0	19.4	13.8	11.6	32	05	7	8	02	1	0.0	40.5	2.0	60.8	17.0	15.2
19	1028.5	19.1	15.5	14.0	20	02	1	8	02	1	0.0	40.5	8.3	69.1	16.8	15.3
20	1027.6	20.2	17.3	14.9	00	00	7	7	02	1	0.0	40.5	1.8	70.9	17.6	15.2
21	1025.9	20.8	20.6	16.3	00	00	1	7	02	1	0.0	40.5	13.0	83.9	17.5	15.4
22	1022.9	22.1	20.0	16.6	18	05	2	6	02	1	8.9	49.4	8.7	92.6	18.0	15.4
23	1018.6	22.0	16.3	15.1	18	02	8	6	02	1	18.9	68.3	0.1	92.7	18.1	15.6
24	1010.8	21.6	16.6	16.1	00	00	8	5	61	1	8.3	76.6	0.3	93.0	17.8	15.6
25	1012.6	20.9	15.2	14.0	18	09	6	6	02	1	7.7	84.3	6.4	99.4	17.6	15.7
26	1011.6	20.7	15.1	14.6	00	00	7	6	81	1	1.2	85.5	3.4	102.8	17.6	15.7
27	1019.3	20.4	16.6	14.6	20	09	4	8	02	1	1.0	86.5	5.5	108.3	17.2	15.7
28	1021.2	21.0	16.8	15.0	20	09	7	7	02	1	0.0	86.5	9.5	117.8	17.5	15.7
29	1013.9	22.2	17.4	15.4	18	19	7	7	02	1	4.1	90.6	3.7	121.5	17.7	15.7
30	1011.8	20.6	15.7	13.0	23	19	6	8	02	1	3.7	94.3	1.0		17.4	15.8
31	1013.2	20.0	14.1	12.9	23	19	6	8	80	1	1.0		0.0		16.9	15.7

TEMPERATURE

REMARKS:

MAX.

MIN.

GRASS.
MIN.

11.1	8.2	8.6	0340 ^{pr} , 0610 ^{pr} , 0 Cu 09 at obs, / o morn, 1200 ^{bc} 09, 1510 ^{pr} , 1610 ^{pr} -1710 ^{pr} , 1835 ^{pr} -2240 ^{pr} , 2350 ^{pr} -2359 ^{pr} .
13.5	8.2	8.0	0001 ^{pr} -0450 ^{pr} , 0600 ^{pr} -0900 ^{pr} , 0 Cu 05 pro at obs, / 1020 ^{pr} , 1136 ^{pr} , 1210 ^{pr} , 1400 ^{pr} , 1540 ^{pr} , 1700 ^{bc} 09, 2000 ^{bc} 09, 2105 ^{pr} .
16.0	8.6	6.5	Sunny spells before obs, bc Cu 05 at obs, / slight sun morn, 1200 ^{bc} 05, 1240 ^{pr} , c after, 1600 ^{bc} 05, 1750 ^{pr} , 2000 ^{bc} 09.
19.5	9.2	4.8	Sunny spell before obs, c Cu 05 at obs, / c morn, 1200 ^{bc} 05, Broken sun after, 1600 ^{bc} 05 sunny, 2000 ^{bc} 05.
20.0	8.1	3.7	Sunny before obs, c Cu 02 at obs, / slight sun morn, 1200 ^{bc} 05, slight sun after, 1600 ^{bc} 05, slight sun, 2000 ^{bc} 05.
21.9	14.2	10.8	bc Cu 09 at obs, / slight sun morn, 1200 ^{bc} 09, Broken sun after, 1600 ^{bc} 05 Sunny spells, 2000 ^{bc} 05.
21.4	12.2	9.5	Broken sun before obs, bc Cu 09 at obs, / slight broken sun am, 1200 ^{bc} 02, Broken sunny after, 1600 ^{bc} 05 sun, Sunny, 2000 ^{bc} 05.
22.7	14.6	11.1	slight sun before obs, bc Cu 00 at obs, / slight broken sun am, 1200 ^{bc} 02, Broken sunny after, 1600 ^{bc} 05 sun, Sunny, 2000 ^{bc} 05.
23.8	12.0	7.6	Sunny before obs, bc Ci 02 sun at obs, / Mostly sunny morn, 1200 ^{bc} 05, Sunny after, 1600 ^{bc} 05 sun, Sunny, 2000 ^{bc} 05.
24.0	*10.0	6.6	Sunny before obs, b Ci 09 sun at obs, / Sunny morn, 1200 ^{bc} 09, Broken sun after, 1600 ^{bc} 09, 2000 ^{bc} 05.
20.5	13.7	9.4	Sunny before obs, bc Cu 09 at obs, / Broken sun morn, 1200 ^{bc} 09, broken sun after, 1600 ^{bc} 09, 2000 ^{bc} 09.
17.6	13.0	9.0	Broken sun before obs, c Cu 00 at obs, / c morn, 1200 ^{bc} 05, 1300 ^{pr} , 1420 ^{pr} , 1510 ^{pr} , 1630 ^{pr} , 1840 ^{pr} , 2000 ^{bc} 05, 2010 ^{pr} .
17.9	14.9	11.1	slight sun before obs, 0 Cu 05 pro at obs, / 0930 ^{pr} -1200 ^{pr} , 1240 ^{pr} , Sunny spells, 1600 ^{bc} 05 sun, 2000 ^{bc} 05.
17.7	10.9	7.3	Sunny spell before obs, bc Cu 09 at obs, / slight broken sun morn, 1200 ^{bc} 09, c after, 1600 ^{bc} 09, 1935 ^{pr} , 2000 ^{bc} 05.
19.6	13.1	8.5	0530 ^{pr} , 0 Cu 13 at obs, / slight sun morn, 1100 ^{pr} , 1200 ^{bc} 09, slight sun pr, 1600 ^{bc} 09, 2000 ^{bc} 09, 2040 ^{pr} .
17.0	13.6	12.8	c Cu 05 at obs, / c morn, 1200 ^{bc} 05, c after, 1500 ^{pr} -1550 ^{pr} , 1600 ^{bc} 05, 1650 ^{pr} -1810 ^{pr} , 1850 ^{pr} -2020 ^{pr} .
17.7	9.4	4.0	slight sun before obs, bc Cu 09 at obs, / slight sun morn, 1200 ^{bc} 09, Broken sun pr, 1600 ^{bc} 09, 1720 ^{pr} , 2000 ^{bc} 05.
17.0	12.0	10.7	slight sun before obs, c Cu 05 at obs, / c morn, 1200 ^{bc} 05, c after, 1600 ^{bc} 05, Sunny spells, 2000 ^{bc} 05.
23.1	9.2	4.1	Sunny before obs, b Ci 02 at obs, / Sunny morn, 1200 ^{bc} 02, Sunny after, 1600 ^{bc} 05, 2000 ^{bc} 05.
21.7	13.7	11.6	c Cu calm at obs, / c morn, 1200 ^{bc} 05, c after, 1600 ^{bc} 05, Broken sun evening, 2000 ^{bc} 05.
24.0	10.9	6.5	Sunny before obs, b Ci calm sunny at obs, / Sunny morn, 1200 ^{bc} 05 sun, Sunny after, 1600 ^{bc} 09 sunny, 2000 ^{bc} 09.
24.3	11.2	5.8	Sunny before obs, b Ci 05 sun at obs, / Sunny morn, 1200 ^{bc} 05 sun, Broken sun pr, 1600 ^{bc} 05, 1730 ^{pr} , 2120 ^{pr} .
17.2	14.4	13.0	0250 ^{pr} , 0715 ^{pr} , 0 Cu 02 at obs, / slight sun, 0940 ^{pr} , 1110 ^{pr} , 1200 ^{pr} , 1430 ^{pr} -2022 ^{pr} , 2120 ^{pr} , 2200 ^{bc} 05.
19.1	14.7	12.2	0010 ^{pr} , 0310 ^{pr} , 0610 ^{pr} -0900 ^{pr} , 0 St calm at obs, / 1100 ^{pr} -1230 ^{pr} , slight sun, 1330 ^{pr} -1505 ^{pr} , 1600 ^{bc} 05, 2000 ^{bc} 05.
20.5	12.9	8.6	slight sun before obs, c Cu 09 at obs, / Sunny spells morn, 1200 ^{bc} 09, slight sun pr, 1600 ^{bc} 09, Sunny spell pr, 2000 ^{bc} 05.
17.8	13.2	7.5	0430 ^{pr} -0900 ^{pr} , c Cu 00 81 at obs, / 1050 ^{pr} -1400 ^{pr} , c - bc after, 1600 ^{bc} 09, Sunny spells, 2000 ^{bc} 09.
20.6	11.3	6.1	Sunny Spells before obs, bc Cu 09 sun at obs, / Mostly sunny morn, 1200 ^{bc} 09, Broken sun pr, 1550 ^{pr} , 1600 ^{bc} 09, 1630 ^{pr} , 2000 ^{bc} 09.
21.9	14.4	12.1	Broken sun before obs, c Cu 09 at obs, / Sunny spells am, 1200 ^{bc} 09, broken sun pr, 1600 ^{bc} 13, Broken sun, 2000 ^{bc} 13.
20.5	13.2	8.8	slight sun before obs, c Cu 19 at obs, / 0950 ^{pr} -1120 ^{pr} , 1200 ^{bc} 19, 1250 ^{pr} , 1520 ^{pr} , 1600 ^{bc} 19, Sunny evening, 2000 ^{bc} 19.
16.5	12.0	9.3	slight sun before obs, bc Cu 19 at obs, / slight sun, 0940 ^{pr} , c morn, 1200 ^{bc} 19, 1240 ^{pr} , c after, 1600 ^{bc} 13, 1840 ^{pr} , 2000 ^{bc} 13.
17.5	11.4	10.6	0010 ^{pr} , 0210 ^{pr} , 0500 ^{pr} -0620 ^{pr} , 0 Cu 05 pro at obs, / c morn, 1200 ^{bc} 09, 1430 ^{pr} -1600 ^{pr} , 1600 ^{bc} 09, 2000 ^{bc} 09.

* Air Min Therm Broken.

* Air Bubble in min therm Δ READING TAKEN SPARE THERM.

July 1997

RAINFALL

July 1997 3.75 ins
 Average 1997 2.68 ins

Wettest days: 13th, 22nd, 23rd, 24th (11.8, 8.9, 18.9, 8.3 mm)
 Wettest July since 1985 (3.91 ins)

SUNSHINE

July 1997 122.5 hrs
 Average July 129.0 hrs

Sunniest days: 9th, 21st, 28th (12.6, 13.0, 9.5 hrs)

AVERAGE TEMPERATURE

July 1997 15.7°C (60.2°F)
 Average July 15.0°C (59.0°F)

Hottest days: 10th, 21st, 22nd, (24.0, 24.0, 24.3)
 Coolest days: 1st, 2nd, 3rd (11.1, 13.5, 16.0°C)
 Hottest nights: 8th, 13th, 24th (14.6, 14.9, 14.7°C)
 Coldest nights: 1st, 2nd, 5th (8.2, 8.2, 8.1)

1997

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 1997

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TOTAL RAINFALL 95.3mm 3.75ms

TOTAL SUNSHINE 122.5hrs

MAX TEMP 24.3°C 22nd July 1997MIN TEMP 8.1°C 5th July 1997LOWEST MAX TEMP 11.1°C 1st July 1997HIGHEST MIN TEMP 14.9°C 13th July 1997

MEAN MAX 19.4°C

MEAN MIN 11.8°C

MEAN TEMP FOR MONTH 15.6°C ✓

MIN GRASS TEMP 3.7°C 5th July 1997HIGHEST BAR M.S.L 1028.9mb 7th July 1997LOWEST BAR M.S.L 1005.4mb 2nd July 1997HIGHEST DAILY SUNSHINE 13.0hrs 21st July 1997HIGHEST DAILY RAINFALL 18.9mm 23rd July 1997

1997 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	1010.5	18.8	17.6	16.5	23	09	6	8	02	1	0.0	0.0	4.7	4.7	16.7	15.7
2	1020.1	20.1	15.2	12.9	23	02	8	8	02	1	0.0	0.0	0.0	4.7	16.7	15.7
3	1021.1	19.0	15.0	13.3	00	00	7	8	02	1	0.0	0.0	0.7	5.4	16.8	15.7
4	1022.8	20.0	16.9	13.8	05	09	3	8	02	1	0.7	0.7	6.7	12.1	17.0	15.7
5	1022.7	19.0	16.8	14.5	05	09	5	8	02	1	0.0	0.7	6.4	18.5	17.3	15.7
6	1021.6	19.8	16.8	14.7	05	13	6	6	02	1	0.0	0.7	6.8	25.3	17.7	15.7
7	1020.5	20.1	18.6	17.1	05	05	4	6	02	1	0.0	0.7	11.1	36.4	18.0	15.8
8	1017.9	21.2	21.2	18.9	20	05	1	6	10	1	0.8	1.5	9.5	45.9	19.1	16.0
9	1018.5	21.9	16.1	15.5	18	05	8	6	02	1	tr	1.5	0.0	45.9	19.3	16.1
10	1018.5	22.6	18.8	16.9	00	00	3	6	02	1	0.3	1.8	10.7	56.6	18.4	16.4
11	1012.0	22.2	21.1	18.6	18	09	7	6	03	1	0.0	1.8	11.8	68.4	19.2	16.4
12	1018.3	22.0	18.7	17.3	16	05	7	6	02	1	1.0	2.8	6.5	74.9	19.7	16.5
13	1020.9	20.6	18.0	17.4	18	02	8	5	61	2	0.9	3.7	5.5	80.4	19.8	16.6
14	1021.3	20.0	18.1	16.7	18	05	8	6	02	1	0.8	4.5	5.5	85.9	19.4	16.8
15	1020.2	19.2	18.7	17.1	18	05	8	7	03	1	0.2	4.7	3.8	89.7	19.3	16.9
16	1017.4	19.6	18.9	16.8	16	09	8	7	02	1	0.0	4.7	1.8	91.5	19.4	17.0
17	1019.0	19.2	16.4	14.6	00	00	7	8	02	1	0.0	4.7	4.6	96.1	19.1	17.0
18	1019.7	19.4	16.0	14.5	18	02	2	8	02	1	0.0	4.7	11.2	107.3	18.7	17.0
19	1017.6	19.1	20.2	17.7	16	09	5	7	02	1	0.5	5.2	3.4	110.7	18.8	17.0
20	1014.1	20.2	20.3	19.1	18	13	8	5	02	1	3.1	8.3	2.0	112.7	19.1	17.0
21	1013.1	20.8	17.9	17.2	23	09	8	7	81	1	0.0	8.3	7.5	120.2	19.2	17.1
22	1019.1	22.1	15.4	14.0	20	05	5	8	02	1	0.0	8.3	4.9	125.1	18.8	17.1
23	1014.6	22.0	15.0	13.9	00	00	7	6	02	1	0.2	8.5	0.1	125.2	18.6	17.1
24	1014.7	21.6	14.9	13.1	00	00	2	8	02	1	0.7	9.2	10.8	136.0	17.7	17.1
25	1009.2	20.9	15.7	13.6	18	02	3	7	02	1	1.8	11.0	11.2	147.2	18.0	17.0
26	1007.8	20.7	15.1	12.5	18	02	3	8	02	1	9.7	20.7	8.2	155.4	17.5	16.9
27	990.1	20.4	15.7	14.1	16	24	6	8	02	1	0.8	21.5	9.1	164.5	17.5	16.8
28	989.4	21.0	15.3	14.4	16	19	7	6	01	1	5.1	26.6	4.4	168.9	17.2	16.7
29	1001.3	22.2	14.9	14.2	23	19	6	8	03	1	0.8	27.4	6.2	175.1	17.3	16.7
30	1009.8	20.6	14.1	13.5	20	09	2	8	02	1	4.4	31.8	9.9	185.0	16.7	16.7
31	1012.0	20.0	13.2	12.8	07	09	8	6	02	1	11.2	43.0	0.0	185.0	17.0	16.5

TEMPERATURE			REMARKS:
MAX.	MIN.	GRASS. MIN.	
18.7	13.8	15.1	0810 ^{pr} , c Cu 09 at obs, / Broken sun morn, 1200 ^{bc} 09, Broken sun after, 1600 ^{bc} 09, Broken sun, 2000 ^c 09.
17.0	11.2	6.8	o Cu 02 at obs, / o morn, 1200 ^c 05, c after, 1600 ^c 05, 2000 ^c 05.
18.5	11.7	10.7	slight sun before obs, bc Cu 09 sun at obs, / Broken sun morn, 1200 ^c 09, slight sun after, 1600 ^c 09, 2000 ^c 05, 2310 ^{pr} .
19.1	12.0	9.2	Sunny before obs, bc Cu 09 sun at obs, / Broken sun morn, 1200 ^c 09, slight sun after, 1600 ^c 09, 2000 ^c 05, 2310 ^{pr} .
19.4	12.7	12.1	0120 ^{pr} -0305 ^{pr} , Sunny before obs, bc Cu 09 sun at obs, / Broken sun morn, 1200 ^{bc} 09, Broken sun after, 1600 ^{bc} 09, Broken sun, 2000 ^{bc} 09.
21.9	13.5	11.7	slight sun before obs, c Cu 13 at obs, / Broken sunny morn, 1200 ^{bc} 05 sun, Broken sunny after, 1600 ^{bc} 05, Broken sun, 2000 ^{bc} 05.
24.6	12.2	8.5	Sunny before obs, bc Cu 05 at obs, / Sunny morn, 1200 ^b 05 sun, Mostly sunny after, 1600 ^{bc} 05 sun, 2000 ^b 05.
24.6	16.6	13.1	Sunny spells before obs, b Ci 05 sun misty at obs, / long sunny periods throughout the day, hot.
18.8	15.1	14.7	o Cu 05 at obs, / o mild morn, 1200 ^b 05, o hot dry day.
25.0	12.2	8.1	bc calm at obs, / bc calm warm morn, long sunny periods throughout day.
23.4	17.7	14.3	0200 ^h THUNDER+LIGHTING. / warm sunny morn, hot with long sunny periods throughout day.
24.9	16.6	13.5	warm b morn, / long sunny periods 1000 ^h -1600 ^h .
22.2	17.1	14.7	c so 0500 ^h -obs, c so at obs, / c so 0900 ^h -1120 ^h , sunny spells, 1200 ^h -1300 ^h , 1515 ^h -1945 ^h
22.9	14.5	10.7	Sunny morn 0620 ^h -0750 ^h o at obs, / sunny intervals, 1100 ^h -1900 ^h
23.2	16.9	14.2	moderate precipitation, 0630 ^h -0730 ^h , o Cu 05 at obs, / 1200 ^{bc} 09 sun, Broken sun after 1600 ^{bc} 09, slight sun, 2000 ^c 09.
22.4	16.5	13.6	slight sun before obs, o Cu 09 at obs, / slight sun morn, 1200 ^{bc} 09, bc - c after, 1600 ^c 09, 2000 ^c 09.
22.0	15.1	15.1	c Cu calm at obs, / c morn, 1200 ^{bc} 05, Sunny spell after, 1600 ^{bc} 05, Broken sun, 2000 ^{bc} 05.
23.1	9.4	8.2	Sunny spell before obs, b Ci 02 sun at obs, / Hot sunny morn, 1200 ^b 05, Hot sunny after, 1600 ^b 05, Sunny 2000 ^b 05.
24.2	11.5	7.5	Sunny spell before obs, bc Cu 09 at obs, / Sunny spell am, 1200 ^{bc} 05, bc after, 1600 ^{bc} 05, Broken sun pm, 2000 ^{bc} 09.
23.3	17.8	16.5	0510 ^{pr} , 0610 ^{pr} , o Cu 13 at obs, / Sunny spell am, 1200 ^{bc} 09, slight sun pm, 1600 ^c 09, 1950 ^{pr} , 2000 ^c 09.
22.3	16.6	16.4	0550 ^{pr} , 0625 ^h -0900 ^{pr} , o Cu 09 pr, at obs, / Broken sun morn, 1200 ^b 09, Sunny after, 1600 ^b 05, 2000 ^{bc} 05.
20.1	12.0	9.0	Broken sun before obs, bc Cu 05 at obs, / Broken sun morn, 1200 ^{bc} 05, Broken sun after, 1600 ^{bc} 05 sun, Sunny, 2000 ^{bc} 05.
16.8	12.1	9.5	bc Cu calm at obs, / c morn, 1200 ^c 09, 1310 ^{pr} , c after, 1600 ^c 09, slight sun, 2000 ^c 09.
19.9	8.2	6.6	Sunny before obs, b Ci calm sunny at obs, Sunny morn, 1200 ^b 05, Sunny after, 1600 ^{bc} 05, Sunny spells, 2000 ^{bc} 05, 1100 ^{pr} , 1150 ^{pr} ,
19.5	10.9	7.4	0045 ^{pr} , Sunny before obs, bc Cu - Ci 09 sun at obs, / Sunny morn, 1200 ^{bc} 09, Sunny spells, 1330 ^{pr} , 1600 ^{bc} 19, 2000 ^{bc} 13.
19.4	10.1	7.2	Sunny before obs, bc Cu - Ci 09 sun at obs, / Sunny morn, 1200 ^h bc 13, Broken sun pm, 1600 ^{bc} 19, 1830 ^{pr} , 2000 ^c 19, 2300 ^h -2359 ^{pr} ,
20.0	13.6	12.9	0001 ^{pr} -0100 ^{pr} , 0150 ^{pr} , 0310 ^{pr} , 0355 ^h -0640 ^{pr} , Sun before obs, c Cu 24 at obs, / Sunny morn, 1200 ^b 19, mostly sunny pm, 1600 ^{bc} 13, sunny, 1830 ^{pr} .
18.0	12.2	9.8	Sunny spell, 0810 ^{pr} , c Cu 19 at obs, / 0915 ^{pr} , 0955 ^{pr} , Broken sun am, 1200 ^{bc} 19, slight sun pm, 1600 ^{bc} 13, 2000 ^{bc} 13, 2240 ^{pr} .
18.2	12.0	10.7	0350 ^{pr} Sunny spells, c Cu 19 at obs, / Broken sun am, 1110 ^{pr} , 1200 ^{bc} 19, Broken sun pm, 1600 ^c 13, 2000 ^{bc} 13, 2200 ^h b 13.
20.1	8.8	5.4	Sunny before obs, bc Cu 09 sun at obs, / Broken sun am, 1200 ^{bc} 09 sun, Broken sun pm, 1600 ^{bc} 09, Broken sun, 2000 ^{bc} 09.
16.9	11.6	8.4	0350 ^h -0530 ^{pr} , 0530 ^h -0800 ^{pr} , o Cu 09 at obs, / o morn, 1140 ^{pr} , 1300 ^h 09, 1355 ^{pr} , 1540 ^{pr} , 1600 ^h 09, 1640 ^h -1910 ^{pr} , 2000 ^h 13, 2245 ^{pr} .

August 1997

RAINFALL

August 1997 43.0 mm 1.69 ins

Average August 3.19 ins

Wettest days: 26th, 28th, 30th, 31st (9.7, 5.1, 4.4, 11.2 mm)

SUNSHINE

August 1997 1850 hrs

Average August 133 hrs

Sunniest days: 7th, 11th, 28th, 29th (11.1, 11.8, 11.2, 11.2 hrs)

Second sunniest August since 1947 (1995: 242.7 hrs)

AVERAGE TEMPERATURE

August 1997 17.1°C (62.8°F)

Average August 14.7°C (58.4°F)

Hottest days: 7th, 8th, 10th, 12th (24.6, 24.6, 25.0, 24.9°C)Coolest days: 23rd, 28th, 29th, 31st (16.8, 18.0, 18.2, 16.9°C)Warmest nights: 11th, 13th, 20th (17.7, 17.1, 17.8°C)Coolest nights: 18th, 24th, 30th (9.4, 8.2, 8.8°C)

Equal second highest August monthly mean temperature since 1947 (1995: 18.0°C; 1955: 17.1°C)

1 day with thunder and lightning

1997

August

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

HAIL

THUNDER

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

GALE

August 1997

TOTAL RAINFALL 43.0mm, 1.69ins

TOTAL SUNSHINE 185.0 HRS

MAX TEMP 25.0°C 10th August 1997MIN TEMP 8.2°C 24th August 1997LOWEST MAX TEMP 16.8°C 23rd August 1997HIGHEST MIN TEMP 17.8°C 20th August 1997

MEAN MAX 20.9°C

MEAN MIN 13.2°C

MEAN TEMP FOR MONTH 17.0°C 17.05

MIN GRASS TEMP 6.6°C 24th August 1997HIGHEST BAR M.S.L 1022.8mb 4th August 1997LOWEST BAR M.S.L 989.4mb 28th August 1997HIGHEST DAILY SUNSHINE 11.8 hrs 11th August 1997HIGHEST DAILY RAINFALL 11.2 mm 31st August 1997

1997 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	1011.9	19.7	14.4	13.8	20	09	3	8	02	1	1.9	1.9	2 nd 6.5	6.5	16.7	16.5
2	1009.9	19.1	14.6	14.3	18	19	6	6	02	1	5.5	7.4	3 rd 5.0	11.5	16.7	16.4
3	1001.6	20.6	17.3	16.8	18	13	8	6	02	1	5.0	12.4	4 th 5.3	16.8	17.2	16.3
4	1009.6	19.6	14.8	12.4	20	19	5	8	03	1	3.6	16.0	5 th 9.3	26.1	16.8	16.4
5	1015.2	19.4	13.8	12.2	20	13	5	7	03	1	0.6	16.6	6 th 6.0	32.1	16.6	16.3
6	1016.4	18.9	12.8	11.5	23	13	8	7	02	1	0.8	17.4	7 th 0.0	32.1	16.4	16.2
7	1026.9	19.0	15.2	14.2	27	19	7	7	02	1	0.3	17.7	8 th 4.5	36.6	16.2	16.3
8	1027.5	19.3	15.2	14.5	23	13	7	7	01	1	0.0	17.7	9 th 3.6	40.2	16.1	16.1
9	1029.5	19.2	14.8	13.9	23	09	4	7	01	1	0.0	17.7	10 th 8.8	49.0	16.1	16.0
10	1027.2	18.7	10.7	9.6	23	05	3	7	02	1	0.0	17.7	11 th 7.0	56.0	15.7	16.0
11	1010.0	19.1	12.9	12.0	18	09	8	5	10	1	2.6	20.3	12 th 0.3	56.3	15.7	15.8
12	1003.7	18.3	10.6	8.6	20	13	5	8	02	1	3.2	23.5	13 th 8.7	65.0	15.4	15.7
13	1013.5	16.8	10.0	8.4	20	19	3	8	02	1	0.8	24.3	14 th 7.8	72.8	14.7	15.6
14	1019.6	16.8	12.1	11.0	20	13	5	8	02	1	2.6	26.9	15 th 3.5	76.3	14.4	15.5
15	1010.2	18.1	12.5	11.8	27	09	6	4	81	1	3.2	30.1	16 th 7.6	83.9	14.6	15.4
16	1009.0	19.2	14.7	14.5	18	19	8	5	80	1	3.1	33.2	17 th 0.2	84.1	14.9	15.2
17	1022.2	19.0	11.2	10.0	00	00	1	8	01	1	tr	33.2	18 th 8.4	92.5	14.6	15.2
18	1024.6	19.0	11.4	9.6	18	05	5	8	01	1	0.0	33.2	19 th 8.1	100.6	14.9	15.1
19	1027.6	18.8	12.4	10.7	05	13	2	8	02	1	0.0	33.2	20 th 4.8	105.4	14.8	15.1
20	1027.8	19.9	14.5	13.1	09	09	8	6	02	1	0.1	33.3	21 st 0.4	105.8	14.7	15.1
21	1026.4	19.1	13.7	13.1	00	00	8	6	02	1	0.0	33.3	22 nd 5.9	111.7	15.1	15.0
22	1026.0	20.3	10.5	10.2	00	00	3	3	10	1	0.0	33.3	23 rd 8.5	120.2	15.1	15.0
23	1027.6	19.3	9.8	9.7	00	00	9	1	47	1	0.0	33.3	24 th 7.2	127.4	14.7	15.0
24	1027.9	18.2	12.3	12.1	00	00	5	3	42	1	tr	33.3	25 th 7.4	134.8	14.6	15.0
25	1030.5	18.7	8.0	7.8	00	00	9	1	47	1	0.0	33.3	26 th 2.8	137.6	14.5	14.9
26	1031.2	19.2	12.4	12.1	00	00	9	2	45	1	0.0	33.3	27 th 0.0	137.6	14.7	14.8
27	1022.3	18.1	11.7	11.2	00	00	6	4	44	1	0.0	33.3	28 th 0.0	137.6	14.7	14.8
28	1013.5	17.9	14.8	12.7	18	09	7	5	10	1	tr	33.3	29 th 0.5	138.1	14.6	14.8
29	1018.1	18.1	13.4	12.1	23	05	6	7	10	1	0.9	34.2	30 th 0.7	138.8	14.6	14.7
30	1023.4	17.9	12.5	11.7	16	05	8	5	81	1	1.4	35.6	0.0 = 1 st	138.8	14.6	14.7
31													SUNSHINE NEEDS MOVED ON 1 DAY FROM START OF MONTH			

TEMPERATURE

MAX.

MIN.

GRASS.
MIN.

REMARKS:

18.5	11.6	11.0	Sunny spell before obs, bc Ci 09 sun at obs, Broken sun am, 1030 ^{pro} , 1200 ^{bc} 13 sun, Broken sun pm, 1600 ^{bc} 13, sunny spell, 2000 ^c 13.
20.5	11.6	8.7	0555 ^{pr} , 0740 ^{pro} , slight sun before obs, c Cu 19 at obs, slight sun am, 1200 ^c 19, 1310 ^{pr} , Broken sun pm, 1600 ^{bc} 09 sun, 1950 ^{pr} , 2130 ^{pro} .
18.4	14.3	15.1	0455 ^{pr} , 0650 ^{pr} , o Cu 13 at obs, Sunny spells am, 1040 ^{pr} -1150 ^{pr} , 1200 ^{bc} 13, Broken sunny pm, 1600 ^{bc} 13 sun, Sunny-1700 ^{bc} , 2000 ^{bc} 13.
17.6	11.3	9.2	0040 ^{pro} , 0330 ^{pro} , Broken sun before obs, bc Cu 19 at obs, Broken sun morn, 1005 ^{pro} , 1210 ^{bc} 19 ^{pro} , Broken sun after, 1430 ^{pr} , 2010 ^{bc} 13 ^{pr} .
17.4	10.6	8.4	slight sun before obs, bc Cu 13 at obs, bc-C morn, 1200 ^{bc} 13, Broken sunny pm, 1350 ^{pr} , 1520 ^{pr} , Sunny spell, 2000 ^{bc} 13.
15.2	10.9	7.3	0410 ^{pro} , o Cu-St 13 at obs, o morn, 1200 ^{bc} 13, 1250 ^{pr} , 1410 ^{pr} , o after, 1600 ^{bc} 13, 1730 ^{pr} , 2000 ^{bc} 13.
16.6	12.5	10.4	Sunny before obs, c Cu 19 at obs, Broken sunny morn, 1200 ^{bc} 19, Broken sun after, 1600 ^{bc} 19, 2000 ^{bc} 13
16.8	12.1	9.2	0640 ^{pro} , slight sun before obs, c Cu 13 at obs, slight sun am, 1200 ^{bc} 13, Broken sun pm, 1600 ^{bc} 09 sun, Sunny spell, 2000 ^{bc} 09.
18.2	10.5	6.6	bc Cu 13 at obs, Sunny morn, 1200 ^{bc} 09 sun, Sunny after, 1600 ^{bc} 05 sun, Sunny spell, 2000 ^{bc} 09.
18.4	5.2	0.6	Sunny before obs, bc Ci 05 sun at obs, Sunny morn, 1200 ^{bc} 05 sun, Sunny spell pm, 1600 ^{bc} Ci 05, 2000 ^{bc} Ci 05.
15.0	10.7	5.3	Slight sun before obs, o st-Cu 09 mist at obs, 1050 ^{pr} , 1200 ^{bc} 09, o-c after, 1600 ^{bc} 09, slight sun, 2000 ^{bc} 09, 2050 ^{pr} -2310 ^{pr} .
13.9	7.2	5.2	0220 ^{pro} , 0555 ^{pr} , Sunny before obs, bc Cu 13 sun at obs, Broken sun am, 1200 ^{bc} 13, Broken sun pm, 1300 ^{pro} , 1400 ^{pro} , 1510 ^{pro} , 1600 ^{bc} 13, 2000 ^{bc} 13.
13.7	5.2	1.5	Sunny before obs, bc Cu-Ci 19 at obs, Broken sun am, 1020 ^{pro} , 1200 ^{bc} 13 sun, Broken sun pm, 1320 ^{pro} , 1415 ^{pr} , 1600 ^{bc} 13, 2000 ^{bc} 13.
16.6	8.5	6.2	slight sun before obs, bc Cu 13 at obs, Broken sun morn, 1200 ^{bc} 19, Broken sun after, 1555 ^{pr} , 1600 ^c 24, slight sun, 2000 ^c 24.
18.5	11.6	11.6	windy 24-30 night 0320 ^{pro} , 0420 ^{pro} , 0800 ^{pro} , c Cu-St 09 ^{pro} at obs, pre-0940, Sunny am, 1200 ^{bc} 13, Mostly sunny pm, 1600 ^{bc} 13 sun, 2000 ^{bc} 13.
16.2	9.7	4.1	0450 ^{pro} -0730 ^{pro} , 0810 ^{pro} -obs ^{pro} , o Cu-St 19 ^{pro} at obs, pre-0945, 1050 ^{pro} , 1200 ^{bc} 13, slight sun, 1320 ^{pro} , 1540 ^{pr} , 1550 ^{pr} -1700 ^{pro} , 1800 ^c 13, 2000 ^c 09.
17.0	6.6	1.7	Sunny spell before obs, bc Ci 00 sun at obs, Mostly sunny morn, 1200 ^{bc} 05, Mostly sunny after, 1600 ^{bc} 05, 2000 ^{bc} 05.
16.4	9.6	7.5	Slight sun before obs, bc Ci 05 at obs, Broken sunny morn, 1200 ^{bc} 05, Sunny after, 1600 ^{bc} 05, Sunny, 2000 ^{bc} 05.
15.0	7.0	3.2	Sunny spell before obs, bc Ci 13 sun at obs, Sunny morn, 1200 ^{bc} 13, Slight sun after, 1600 ^{bc} 13, 2000 ^{bc} 09.
17.7	12.2	11.2	o Cu 09 at obs, o-c morn, slight sun morn, 1200 ^c 09, slight sun after, 1600 ^c 09, 1830 ^{pro} , 2000 ^c 09.
19.6	11.5	8.1	o Cu 00 at obs, o-c morn, slight sun am, 1200 ^{bc} 05 sun, Sunny after, 1600 ^{bc} 05 sun, Sunny, 2000 ^{bc} 05.
17.9	4.6	0.7	misty before obs, bc Cu calm misty at obs, Sunny morn, mist clearing, 1200 ^{bc} 05 sun, Sunny pm, 1600 ^{bc} 05 sun, Sunny 2000 ^{bc} HAZE.
17.0	4.4	2.5	Fog before obs, foggy calm at obs, fog clearing, Mostly sunny morn, 1200 ^{bc} 02, Mostly sunny after, 1600 ^{bc} 02, 2000 ^{bc} 02.
18.7	4.1	1.3	Fog before obs, bc Cu foggy calm at obs, fog clearing, Mostly sunny morn, 1200 ^{bc} 05, Mostly sunny pm, 1600 ^{bc} 05 sun, 2000 ^{bc} 09.
17.9	5.1	3.1	Fog before obs, foggy calm at obs, fog morn, 1200 ^{bc} 02, Broken sun after, 1600 ^{bc} 02, HAZE, 2000 ^{bc} 02 mist.
14.9	7.9	5.6	foggy before obs, foggy calm at obs, foggy morn, 1200 ^c 05, c HAZE after, 1600 ^c HAZE, 2000 ^c HAZE.
14.8	10.7	10.0	foggy before obs, bc Cu calm foggy at obs, foggy morn, 1200 ^c 05, c after, 1600 ^c HAZE, 2000 ^c 05.
17.2	11.5	8.6	slight sun before obs, c Cu 09 mist at obs, misty am, slight sun, 1200 ^c 09, c after, 1600 ^c 13, 2000 ^c 19.
15.8	11.4	7.0	misty before obs, bc Cu 05 mist at obs, slight broken sun, 1200 ^{bc} Cu slight sun after, 16:00 ^c 05, 20:00 ^c 09.
16.8	9.7	7.6	04:55 ^{pro} , 05:40 ^{pro} , 06:40 ^{pro} , 08:30 ^{pro} , o St-Cu 05 ^{pro} at obs, slight sun, 0950 ^{pro} , 11:40 ^{pro} , 12:00 ^c 05, 13:00 ^{pr} , 16:00 ^c 05, 18:00 ^{pr} , 20:00 ^c 09.

SEPTEMBER 1997

RAINFALL

SEPTEMBER 1997

1.40 ins

AVERAGE SEPTEMBER

3.00 ins

Wettest days: 4th, 9th, 12th (5.5, 5.0, 3.6 mm)

SUNSHINE

SEPTEMBER 1997

139.1 hrs

AVERAGE SEPTEMBER

105 hrs

Sunniest days: 4th, 9th, 12th (9.3, 8.8, 8.7 hrs)

AVERAGE TEMPERATURE

SEPTEMBER 1997

13.1°C (55.6 F)

AVERAGE SEPTEMBER

12.7°C (54.9 F)

Warmest days: 2nd, 21st, 24th (20.5, 19.6, 18.7°C)Coolest days: 12th, 13th, 27th (13.9, 13.7, 14.8°C)Mildest nights: 3rd, 7th, 20th (14.3, 12.5, 12.2°C)Coolest nights: 22nd, 23rd, 24th, 25th (4.6, 4.4, 4.1, 5.1°C)5 days with fog (23rd-27th)

19.97

SEPTEMBER

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

SEPTEMBER 1997

1

2

3

4

5

6

7

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31

TOTAL RAINFALL 35.6 mm 1.40 ins.

TOTAL SUNSHINE 139.1 HRS

MAX TEMP 20.5°C 2ND September 1997MIN TEMP 4.1°C 24TH September 1997LOWEST MAX TEMP 13.7°C 13TH September 1997HIGHEST MIN TEMP 14.3°C 3RD September 1997

MEAN MAX 16.9°C

MEAN MIN 9.3°C

MEAN TEMP FOR MONTH 13.1°C ✓

MIN GRASS TEMP 0.6°C 10TH September 1997HIGHEST BAR M.S.L 1031.2°C 26TH September 1997LOWEST BAR M.S.L 1001.6°C 3RD September 1997HIGHEST DAILY SUNSHINE 9.3 HRS 5TH September 1997HIGHEST DAILY RAINFALL 5.5 mm 2ND September 1997

1997. October	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	1019.0	20.3	16.8	15.6	23	09	6	8	80	1	tr	0.0	7.1	7.1	14.8	14.6
2	1021.7	20.7	11.3	10.4	23	02	7	7	02	1	0.0	0.0	2.5	9.6	15.1	14.7
3	1022.1	20.5	12.9	11.7	20	02	8	7	02	1	0.1	0.1	3.1	12.7	14.8	14.7
4	1020.9	20.1	15.0	14.1	23	09	8	7	02	1	0.1	0.2	0.5	13.2	15.1	14.7
5	1012.4	19.1	14.1	13.1	23	13	8	6	02	1	6.0	6.2	1.3	14.5	15.0	14.7
6	996.2	20.4	12.3	11.5	18	09	4	8	02	1	3.5	9.7	6.1	20.6	14.8	14.7
7	990.7	19.4	5.1	4.8	00	00	5	7	10	1	4.9	14.6	4.1	24.7	14.1	14.6
8	993.3	19.2	9.7	8.6	18	05	6	8	02	1	7.0	21.6	3.9	28.6	13.4	14.6
9	993.4	19.1	10.1	9.6	23	09	2	7	01	1	3.5	25.1	4.8	33.4	13.4	14.5
10	1001.0	20.1	10.4	9.5	23	13	3	7	01	1	tr	25.1	7.3	40.7	13.3	14.4
11	1004.1	18.1	8.9	8.4	00	00	8	6	02	1	0.3	25.4	0.0	40.7	13.0	14.2
12	1018.9	16.8	8.1	6.8	00	00	7	8	02	1	tr	25.4	1.4	42.1	12.5	14.1
13	1025.3	19.2	7.5	6.2	23	09	3	8	02	1	1.3	26.7	5.1	47.2	12.2	14.0
14	1026.3	18.9	6.6	6.0	23	09	8	5	60	1	10.1	36.8	0.0	47.2	11.7	13.7
15	1012.4	20.0	12.5	11.7	23	09	8	6	02	1	4.5	41.3	1.3	48.5	11.8	13.5
16	1004.6	20.4	15.4	14.8	16	09	8	6	02	1	8.2	49.5	0.8	49.3	12.5	13.4
17	1000.8	21.0	13.0	12.5	00	00	8	6	61	1	15.4	64.9	0.0	49.3	13.4	13.4
18	1014.7	19.8	15.2	14.4	18	05	8	6	02	1	0.3	65.2	5.8	55.1	13.5	13.4
19	1017.1	18.3	12.7	12.5	00	00	9	3	43	1	tr	65.2	0.0	55.1	13.5	13.5
20	1021.9	18.0	9.3	7.8	09	13	8	7	02	1	0.0	65.2	0.1	55.2	13.4	13.5
21	1021.5	19.3	9.3	6.9	09	13	8	7	02	1	0.0	65.2	2.8	58.0	12.6	13.5
22	1018.1	18.8	7.1	6.0	00	00	1	7	02	1	0.0	65.2	9.2	67.2	12.0	13.5
23	1021.5	17.0	6.6	6.1	00	00	8	6	10	1	0.0	65.2	0.1	67.3	11.4	13.4
24	1029.4	17.8	3.7	3.5	00	00	5	6	10	1	0.0	65.2	0.1	67.4	11.1	13.1
25	1030.5	15.4	2.9	2.5	00	00	2	6	05	1	0.0	65.2	7.7	75.1	10.9	13.0
26	1027.7	16.0	8.2	6.9	00	00	8	6	05	1	0.0	65.2	0.0	75.1	10.8	12.7
27	1026.1	18.4	8.9	7.6	00	00	7	5	10	1	0.0	65.2	0.0	75.1	10.8	12.6
28	1031.2	18.6	8.7	7.4	00	00	2	7	05	1	0.0	65.2	8.4	83.5	10.7	12.5
29	1032.3	17.0	7.4	6.0	16	09	3	7	02	1	0.8	66.0	3.4	86.9	10.0	12.5
30	1028.7	17.9	11.4	10.7	20	13	8	6	02	1	1.3	67.3	0.0	86.9	10.3	12.2
31	1032.9	19.3	10.7	10.4	00	00	6	6	10	1	0.1	67.4	0.1	87.0	10.9	12.1

* AIR BUBBLE IN Min Therm 9th October.

29th October 14:20 REPLACED OLD MIN THERM YA 05855 BS 692 MET 21201 with new min THERM

TEMPERATURE

OCTOBER 1997

MAX.

MIN.

GRASS.
MIN.

REMARKS.

17.5	12.4	12.0	c Cu 09 80 at obs, / long sunny spell, 10:00 ^h -16:30 ^h , 20:00 ^h bc 09.
16.6	9.4	4.2	slight sun before obs, c Cu 02 sun at obs, / c morn, Sunny spell, 09:00 ^h -1100 ^h , 12:00 ^h c 02, 16:00 ^h c 05, 20:00 ^h c 05.
18.0	10.8	4.7	o Cu 02 at obs, / slight sun morn, 12:00 ^h c 05, Broken sun after, 16:00 ^h bc 05 sun, Sunny - 16:30 ^h , 20:00 ^h c 05.
17.4	12.8	12.0	00:20 ^h pro, o Cu-St 09 at obs, / o morn, 12:00 ^h c 09, slight sun after, 16:00 ^h c 09, 19:50 ^h pro, 20:00 ^h c 09.
16.4	12.0	8.8	o St 13 at obs, / o-c morn, 12:00 ^h c 09, c after, Sunny spell, 16:00 ^h c 09 sun, 20:00 ^h c 09.
15.5	11.4	10.0	02:20 ^h pro, 03:30 ^h pr, 03:30 ^h -05:00 ^h pr, 05:45 ^h pro, sun before obs, bc Cu-Ci 13 at obs, / Mostly sunny a.m., 12:00 ^h bc 09, Broken sun p.m., 16:00 ^h bc 09, 20:00 ^h c 09.
13.9	4.9	-1.3	Misty, slight sun before obs, bc Cu calm mist at obs, / Broken sunny morn, 12:00 ^h bc 05, slight sun p.m., 14:50 ^h pr, 1510 ^h PR THUNDER + LIGHTING, 20:00 ^h bc 05.
15.5	9.5	4.9	bc Cu 05 at obs, / Broken sunny morn, 12:00 ^h bc 05, Broken sun after, 16:00 ^h bc 05 sun, 20:00 ^h c 09, 21:55 ^h -23:59 ^h
16.2	10.0*	3.1	00:01 - 01:33 rr, Sun before obs, b Cu 09 sun at obs, / Sunny morn, 12:00 ^h bc 09, Broken sun p.m., 16:00 ^h c 09, 16:50 ^h pro, 19:05 ^h pr, 20:20 ^h pro.
14.3	8.5	4.8	slight sun before obs, bc Cu 13 sun at obs, / Mostly Sunny morn, 12:00 ^h bc 13, Broken sunny after, 16:00 ^h c 05, 20:00 ^h c 05.
11.7	7.0	3.1	o Cu calm at obs / o-c morn, 12:00 ^h c 05, o-c after, 15:40 ^h pr, 16:00 ^h c 05, 20:00 ^h c 05.
12.3	4.5	-0.8	04:00 ^h pro, c Cu calm at obs / c morn, 12:00 ^h c 05, slight sun pm, 16:00 ^h c 09, 20:00 ^h bc 09
11.5	5.3	0.1	slight sun before obs, bc Cu-Ci 09 sun at obs, / Broken sun morn, 12:00 ^h bc 09, Broken sun after, 16:00 ^h bc 09 sunny, 20:00 ^h bc 09.
13.5	3.5	-0.6	06:20 ^h -09:00 ^h ir, o St 09 ir at obs, / 09:00 ^h -12:40 ^h rr, o after, 13:50 ^h ir, 16:00 ^h o 09, 1910 ^h ir, 20:00 ^h o 09, 20:40 ^h ir.
15.3	6.0	5.6	o St 09 at obs, / slight sun morn, 12:00 ^h c 09, slight sun p.m., 16:00 ^h c 09, 18:30 ^h ir, 19:10 ^h ir, 19:20 ^h ir, 20:00 ^h c 09, 21:40 ^h -23:59 ^h ir,
18.1	11.8	10.2	ir - 00:10 ^h , 0150 ^h ir, o St-Cu 09 at obs, / o-c morn, 12:00 ^h c 05, slight sun, 13:50 ^h -16:50 ^h ir, 20:00 ^h c 09, 22:10 ^h ir.
15.1	12.6	12.1	03:05 ^h -04:45 ^h -05:20 ^h ir, 06:20 ^h obs r/r, o St 00 r/r at obs / r/r - 13:20 ^h , 13:50 ^h -16:15 ^h r/r, 17:00 ^h o 05, 20:00 ^h c 05.
19.8	12.5	10.9	o St-Cu 05 at obs, / c-bc morn, Sunny spell, 12:00 ^h bc 05, Sunny spells, 16:00 ^h bc 05, 20:00 ^h bc 05 HAZE.
13.7	8.1	4.4	foggy before obs, foggy calm at obs, / fog clearing morn, 12:00 ^h c 09, c after, 16:00 ^h c 09, 20:00 ^h c 09.
9.9	9.1	8.1	o St-Cu 13 at obs, / o morn, 12:00 ^h c 13, c after, 16:00 ^h c 09, slight sun, 20:00 ^h c 09.
12.2	8.1	5.9	o St-Cu 13 at obs, / o-c morn, 12:00 ^h bc 09, Broken sunny after, 16:00 ^h bc 09 sunny, 20:00 ^h bc 05.
11.2	3.1	-3.0	Sunny spell before obs, b Cu calm sunny at obs, Sunny morn, 12:00 ^h bc 05 sun Sunny after, 16:00 ^h bc 05 sun, 20:00 ^h bc 05
10.7	1.6	-2.5	Misty before obs, o Cu misty calm at obs, / mist clearing, slight sun morn, 12:00 ^h bc 05, c-bc after, 16:00 ^h c 05, 20:00 ^h bc 05.
9.1	1.1	-3.9	Misty before obs, bc Cu calm misty at obs, / bc-c morn, slight sun, 12:00 ^h c 02, c after, 16:00 ^h c 05, 20:00 ^h c 05.
12.3	0.5	-4.4	slight sun before obs, b Ci calm sunny HAZE at obs, / Sunny morn, 12:00 ^h b 05, Sunny after, 16:00 ^h bc 05, 20:00 ^h b 05.
9.8	2.5	0.1	HAZE before obs, o Cu calm HAZE at obs, o-c morn, 12:00 ^h c 02, c after, 16:00 ^h c 02 HAZE, 20:00 ^h c 02.
11.0	6.0	-1.1	c Cu calm misty at obs, / c morn, 12:00 ^h c 02, c after, 16:00 ^h c 02, 20:00 ^h bc 02.
11.5	6.2	-0.4	slight sun before obs, b Ci calm HAZE at obs, / Sunny morn, b 05, 12:00 ^h b 05, Sunny after, 16:00 ^h b 05, Sunny 20:00 ^h b 05.
12.6	2.5	-4.9	frosty night, b Ci 09 at obs, / Broken sunny morn, 12:00 ^h bc 09 Broken sun after, 16:00 ^h bc 09, 17:55 ^h pr, 18:40 ^h pr, 19:50 ^h pr, 21:00 ^h c 09.
12.4	9.1	4.4	o Cu 13 at obs, / pro morn, 12:00 ^h c 09, c after, 16:00 ^h c 09, 20:00 ^h c 09.
12.5	10.4	6.1	04:50 ^h pr, 06:40 ^h pr, 07:20 ^h pr, c Cu calm misty at obs, / c morn, slight sun, 12:00 ^h c 02, c after, 16:00 ^h c 02, 20:00 ^h c 02, mist.

68479 MET 21201 BS 692 NA 68479/86

1997

OCTOBER 1997

RAINFALL

October 1997 2.65 ins

Average October 3.14 ins

Wettest days: 14th, 16th, 17th (10.1, 8.2, 15.4 mm)

SUNSHINE

October 1997 87.0 hrs

Average October 83.0 hrs

Sunniest days: 22nd, 25th, 28th (9.2, 7.7, 8.4 hrs)

AVERAGE TEMPERATURE

October 1997 10.6°C (51.1°F)

Average October 10.2°C (50.4°F)

Warmest days: 3rd, 16th, 18th (18.0, 18.1, 19.8°C)Coolest days: 20th, 24th, 26th (9.9, 9.1, 9.8°C)Mildest nights: 4th, 17th, 18th (12.8, 12.6, 12.5°C)Coolest nights: 23rd, 24th, 25th (1.6, 1.1, 0.5°C)

10 days with ground frost

1 day with thunder and lightning (7th)

1 day with fog

1997

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 1997

1

2

3

4

5

6

7

8

9

10

11

12

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14

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31

TOTAL RAINFALL 67.4mm 2.65ins

TOTAL SUNSHINE 87.0 hrs

MAX TEMP 19.8°C 18th October 1997MIN TEMP 0.5°C 25th October 1997LOWEST MAX TEMP 9.1°C 24th October 1997HIGHEST MIN TEMP 12.8°C 4th October 1997

MEAN MAX 13.7°C

MEAN MIN 7.5°C

MEAN TEMP FOR MONTH 10.6°C ✓

MIN GRASS TEMP -4.9 29th October 1997HIGHEST BAR M.S.L. 1032.9mb 31st October 1997LOWEST BAR M.S.L. 990.7mb 7th October 1997HIGHEST DAILY SUNSHINE 9.2^{hrs} 22nd October 1997HIGHEST DAILY RAINFALL 15.4mm 17th October 1997

1997 November	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	1030.5	17.8	8.0	7.8	25	05	8	5	10	1	1.3	1.3	0.0	0.0	11.0	12.2
2	1024.2	17.2	10.9	10.6	00	00	9	3	45	1	1.4	2.7	0.0	0.0	11.2	12.1
3	1018.2	20.0	10.9	10.6	00	00	5	4	10	1	0.9	3.6	1.1	1.1	11.6	12.1
4	1006.6	19.3	8.8	7.5	16	09	8	6	10	1	1.7	5.3	0.0	1.1	11.4	12.1
5	991.1	19.2	8.6	8.4	09	05	9	3	45	1	6.0	11.3	0.0	1.1	11.1	12.1
6	985.5	19.3	8.9	8.3	00	00	7	7	05	1	Tr	11.3	5.1	6.2	11.0	12.0
7	988.7	17.4	2.7	2.1	23	05	1	8	05	1	0.0	11.5	6.5	12.7	10.4	12.0
8	985.6	15.3	3.4	3.1	00	00	4	7	10	1	0.0	11.3	1.5	14.2	9.6	11.9
9	980.8	14.1	3.2	3.0	23	05	9	2	45	1	0.9	12.2	1.5	15.7	9.3	11.7
10	982.2	17.8	7.8	7.2	18	05	6	7	02	1	0.4	12.6	3.2	18.9	9.2	11.5
11	988.9	17.2	7.1	6.5	20	05	7	7	02	1	0.0	12.6	2.5	21.4	9.4	11.4
12	1000.1	17.2	3.6	3.3	20	09	3	7	05	1	0.0	12.6	4.1	25.5	9.0	11.3
13	1003.0	17.3	3.0	2.3	20	09	2	7	05	1	Tr *	12.6	4.7	30.2	8.7	11.2
14	998.7	17.9	9.9	9.4	18	13	6	6	02	1	1.5	14.1	1.4	31.6	8.5	11.0
15	1004.4	16.4	11.4	10.6	16	19	7	6	02	1	2.2	16.3	0.1	31.7	8.9	10.9
16	997.5	17.2	14.9	13.9	18	13	8	7	02	1	7.9	24.2	1.6	33.3	10.1	10.8
17	998.0	19.1	12.9	11.7	18	24	8	6	60	1	13.5	37.7	0.0	33.3	10.4	10.8
18	984.7	19.9	13.6	12.1	16	19	6	7	02	1	2.6	40.3	0.0	33.3	11.0	10.9
19	983.6	19.5	12.4	11.1	14	19	5	6	01	1	Tr	40.3	4.9	38.2	11.0	11.0
20	983.5	19.1	10.2	8.4	16	19	5	6	02	1	6.2	46.5	0.6	38.8	10.7	11.1
21	997.2	18.1	5.0	4.2	18	05	7	6	02	1	2.7	49.2	1.9	40.7	10.1	11.1
22	1008.9	16.1	7.5	6.5	11	05	7	8	02	1	0.1	49.3	0.0	40.7	9.3	11.2
23	1011.3	14.4	8.4	7.6	16	09	7	7	02	1	10.7	60.0	0.1	40.8	8.7	11.0
24	1003.2	17.4	11.0	10.1	16	09	3	7	02	1	9.6	69.6	0.6	41.4	8.7	10.8
25	1000.6	18.9	8.5	8.1	16	13	8	5	02	1	7.4	77.0	0.0	41.4	9.2	10.7
26	1002.6	18.9	10.7	10.1	16	09	8	4	02	1	3.3	80.3	3.0	44.4	9.3	10.6
27	1006.1	19.2	9.0	8.4	00	00	7	5	10	1	0.6	80.9	0.0	44.4	9.5	10.6
28	1002.3	19.1	8.0	7.8	00	00	9	2	45	1	0.7	81.6	0.0	44.4	9.4	10.6
29	1002.1	17.4	8.2	7.7	00	00	8	5	25	1	0.6	82.2	0.0	44.4	9.4	10.6
30	1018.0	16.0	7.5	7.2	00	00	7	6	10	1	Tr	82.2	2.9	47.3	9.4	10.5
31																

TEMPERATURE

REMARKS:

NOVEMBER 1997

MAX.	MIN.	GRASS. MIN.	
12.0	6.8	0.5	o Cu OS mist at obs, c morn, 11:40 ^m -13:00 ^{pr} , c after, 16:00 ^m c OS, 19:00 ^{pr} , 20:00 ^m c OS, 21:40 ^{pr} .
12.0	7.3	8.4	Foggy before obs, foggy calm at obs, fog clearing, 11:40 ^{pr} , 12:00 ^m c calm, 12:30 ^{pr} , c after, 16:00 ^m c OS, 19:00 ^{pr} , 21:40 ^{pr} .
12.4	10.6	10.1	01:50 ^{pr} , 06:35 ^{pr} , bc Cu calm misty at obs, slight sun pm, 12:00 ^m c OS, 13:05 ^{pr} , 16:00 ^m c OS, 20:00 ^m c OS
9.6	7.6	3.9	o Cu 09 misty at obs, Mist clearing, 12:00 ^m c 09, 16:00 ^m c 09, 20:00 ^m c 09, 21:50 ^{pr} .
9.6	8.5	7.5	07:05 ^{pr} , foggy, 08:00 ^m dodo-obs, foggy OS at obs, 10:30 ^m -11:20 ^{pr} , 12:00 ^m c OS, 13:25 ^m -15:10 ^{pr} , 15:40 ^m -18:20 ^{pr} , 19:45 ^m -20:35 ^{pr} ,
12.7	8.6	6.3	c Cu calm haze at obs, Sunny spell morn, 12:00 ^m bc OS, Mostly sunny after, 16:00 ^m bc OS sun, 20:00 ^m b OS.
10.6	0.6	-5.4	Frosty night slight sun before obs, b Cu OS sun hear frost at obs, Mostly sunny am, 12:00 ^m b OS sun, Sunny after, 16:00 ^m c OS, 20:00 ^m b OS.
9.7	2.1	-3.5	bc Cu calm misty at obs, slight sun morn, 12:00 ^m bc OS, Broken sun pm, 16:00 ^m bc OS, 20:00 ^m bc OS, 23:00 ^m Foggy.
7.9	0.6	-2.9	Fog before obs, fog OS at obs, fog clearing morn, 12:00 ^m bc OS, Broken sun after, 16:00 ^m c OS, 20:00 ^m bc OS.
10.3	3.3	2.3	02:20 ^{pr} , c Cu OS at obs, slight sun am, 12:00 ^m bc OS, Broken sun after, 16:00 ^m c OS, 16:50 ^{pr} , 20:00 ^m bc OS.
10.5	7.1	3.6	c Cu OS at obs slight sun am, 12:00 ^m bc OS, Sunny spell, 16:00 ^m bc OS, 20:00 ^m b OS, Frosty night
9.4	3.0	-1.9	bc Cu 09 HAZE frosty at obs, Broken sunny morn, 12:00 ^m bc 09, slight sun pm, 16:00 ^m bc 09, 20:00 ^m bc 09.
9.9	2.2	-3.3	Frosty before obs, b Cu OS HAZE at obs, Mostly Sunny morn, 12:00 ^m bc OS, sun, Sunny period pm, 16:00 ^m bc OS, 20:00 ^m bc 09.
13.0	3.6	-0.5	05:30 ^{pr} , c Cu 13 at obs, c morn, 12:00 ^m c 13 Sunny spell, slight sun pm, 16:00 ^m c 13, 20:00 ^m c 13.
16.1	8.2	3.6	06:30 ^m -08:10 ^{pr} , c Cu 19 at obs, slight sun am, 12:00 ^m c 13, c after, 16:00 ^m c 13, 20:00 ^m c 13.
14.8	11.9	10.6	07:20 ^{pr} , 08:50 ^m -09:10 ^{pr} , O Cu-St 13 at obs, 10:35 ^{pr} , 10:50 ^{pr} , 12:20 ^{pr} , Sunny spell, 14:50 ^{pr} , slight sun, 16:00 ^m c 19, 20:00 ^m c 19.
14.4	11.2	6.9	06:40 ^m -08:50 ^{ir} , o Cu-St 24 ir at obs, 10:50 ^{pr} , 12:00 ^m c 24, 13:10 ^m -15:40 ^{rr} , 16:00 ^m c 30, GALE IN GUSTS, 16:50 ^m -23:10 ^{rr} , 30-37
14.1	13.2	10.7	00:30 ^{pr} , 04:50 ^{pr} , 06:55 ^{pr} , c Cu-St 19 at obs, c Cu morn, 12:00 ^m c 19, c after, 16:00 ^m c 13, 20:00 ^m bc 09.
13.6	10.2	5.5	00:10 ^m -07:10 ^m roro, bc Cu 19 at obs, Mostly sunny morn, 12:00 ^m bc 13, Sunny spell pm, 16:00 ^m bc 09, 20:00 ^m bc 09.
10.7	9.3	4.8	bc Cu 19 at obs, slight sun morn, 12:00 ^m c 13, 13:50 ^m -17:20 ^{rr} , 18:00 ^m bc 09, 20:00 ^m bc 09.
9.7	4.4	-2.0	c Cu OS at obs, 10:10 ^{pr} , c morn, 12:00 ^m bc Cu 09, Broken sun p.m., 16:00 ^m bc 09, 20:00 ^m b 09.
8.5	2.4	-4.3	00:30 ^{pr} , 03:40 ^{pr} , 04:30 ^{pr} , c Cu OS at obs, c morn, 12:00 ^m c OS, c after, 16:00 ^m c OS, 20:00 ^m c OS.
11.0	-1.3	-5.9	07:50 ^{pr} , c Cu 09 at obs, slight sun am, 12:00 ^m c 09, 15:50 ^m -21:40 ^{rr} .
12.9	8.5	4.0	bc Cu 02 at obs, slight sun morn, 12:00 ^m c 09, 13:10 ^{pr} , 15:20 ^m -21:20 ^{rr} , 22:00 ^m c 13.
12.8	15.4*	6.5	o St 13 at obs, o morn, 12:00 ^m c 13, o after, 16:00 ^m c 13, 19:50 ^m -21:10 ^m roro, 21:10 ^m -23:05 ^{rr} ,
13.0	8.0*	6.4	02:25 ^{pr} , 04:35 ^{pr} , o St-Cu 09 at obs, 09:10 ^{pr} , Sunny Spells am, 12:00 ^m c 09, 12:50 ^{pr} , Sunny Spells pm, 16:00 ^m c 09, 19:00 ^{pr} , 20:00 ^m c 09.
9.6	9.5*	5.0	01:45 ^{pr} , 05:56 ^m -07:30 ^{pr} , c Cu 00 mist at obs, 11:15 ^{pr} , 12:00 ^m c OS, c after, 16:00 ^m c OS, 20:00 ^m c OS.
8.7	6.4	2.0	05:00 ^{pr} , foggy calm at obs, fog clearing, 12:00 ^m c OS, 16:00 ^m c OS, 17:20 ^{pr} , 20:00 ^m c OS, 21:30 ^{pr} ,
9.3	7.0	5.5	08:10 ^{pr} , o St-Cu calm at obs, 09:30 ^{pr} , 12:00 ^m c OS, 13:00 ^{pr} , c after, 16:00 ^m c OS, 20:00 ^m c OS.
10.1	6.5	5.1	c Cu calm mist at obs, Mist clearing, 12:00 ^m bc OS sun, Sunny periods 16:00 ^m bc OS, 20:00 ^m bc OS.

* Air bubbles in Min Therm.

November 1997

RAINFALL

November 1997 3.24INS

Average November 3.06INS

Wettest days: 17th, 23rd, 24th (13.5, 10.7, 9.6mm)

SUNSHINE

November 1997 47.3HRS

Average November 57.0HRS

Sunniest days: 6th, 7th, 19th (5.1, 6.5, 4.9HRS)

Dullest November since 1989

AVERAGE TEMPERATURE

November 1997 8.8°C (47.3°F)

Average November 6.3°C (43.3°F)

Mildest days: 15th, 16th, 17th, 18th (16.1, 14.8, 14.4, 14.1°C)Coldest days: 9th, 22nd, 28th (7.9, 8.5, 8.7°C)Mildest nights: 16th, 17th, 18th (11.9, 11.2, 13.2°C)Coldest nights: 7th, 9th, 23rd (0.6, 0.6, -1.3°C)

Second mildest November this century (1994: 9.4°C)

9 days with ground frost

1 day with air frost

5 days with fog.

1997

November

	Snow OR SLEET	Snow LYING 09:00 ^h	Snow LYING 0 ^h -24 ^h	Hail	THUNDER	Fog 09:00 ^h	Fog 0 ^h -24 ^h	Air Frost	Ground Frost	GALE
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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25										
26										
27										
28										
29										
30										
31										
	-	-	-	-	-	5	5	1	9	1

NOVEMBER 1997

TOTAL RAINFALL 82.2mm 3.24ms

TOTAL SUNSHINE 47.3hrs

MAX TEMP 16.1°C 15th November 1997MIN TEMP -1.3°C 23rd November 1997LOWEST MAX TEMP 7.9°C 9th November 1997HIGHEST MIN TEMP 13.2°C 18th November 1997

MEAN MAX 11.2°C

MEAN MIN 6.7°C

MEAN TEMP FOR MONTH 8.9°C 8.95

MIN GRASS TEMP -5.9°C 23rd November 1997HIGHEST BAR M.S.L 1030.5mb 1st November 1997LOWEST BAR M.S.L 980.8mb 9th November 1997HIGHEST DAILY SUNSHINE 6.5hrs 7th November 1997HIGHEST DAILY RAINFALL 10.7mm 23rd November 1997

1997 December	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	1018.0	16.4	3.2	3.0	00	00	7	7	02	1	2.0	2.0	0.6	0.6	9.0	10.5
2	1017.0	15.3	2.8	2.4	16	05	5	7	25	1	4	2.0	5.0	5.6	8.1	10.4
3	1024.0	14.4	-1.6	-1.9	36	05	0	7	02	1	0.1	2.1	5.4	11.0	7.3	10.3
4	1027.1	13.4	-1.7	-1.9	20	05	3	4	44	1	0.0	2.1	3.0	13.0	6.4	10.1
5	1019.2	15.3	4.6	3.4	20	19	8	7	02	1	1.2	3.3	0.0	13.0	6.0	9.7
6	1010.7	15.0	10.7	10.1	20	13	8	6	02	1	0.1	3.4	0.0	13.0	6.9	9.6
7	996.8	14.8	11.6	10.4	18	13	8	7	02	1	1.8	5.2	0.2	13.2	7.8	9.4
8	983.0	17.3	8.1	7.4	18	13	5	7	02	1	4.1	9.3	0.0	13.2	8.3	9.4
9	994.3	17.8	9.2	8.6	20	13	6	7	02	1	10.2	19.5	2.0	15.2	8.2	9.5
10	982.9	17.8	10.6	9.2	25	30	7	7	02	1	4.0	23.5	1.7	16.9	8.2	9.5
11	991.8	18.4	8.4	8.1	00	00	4	7	02	1	0.8	24.3	0.2	17.1	8.3	9.5
12	1022.8	17.1	3.4	2.6	23	05	2	8	02	1	0.1	24.4	2.7	19.8	7.8	9.5
13	1028.6	14.9	6.2	5.6	18	05	5	7	02	1	0.0	24.4	0.0	19.8	7.3	9.5
14	1029.7	14.4	9.0	8.4	18	09	6	7	02	1	0.0	24.4	2.2	22.0	7.6	9.4
15	1034.9	17.2	7.0	4.7	14	09	6	7	02	1	0.0	24.4	0.0	22.0	7.8	9.3
16	1031.9	17.3	4.3	2.5	09	09	4	7	02	1	0.0	24.4	1.6	23.6	7.5	9.3
17	1007.5	16.3	5.5	3.6	09	24	7	7	02	1	15.8	40.2	0.0	23.6	7.0	9.3
18	990.3	17.6	7.5	7.0	16	24	8	4	63	2	4.3	44.5	0.0	23.6	6.6	9.1
19	996.1	18.0	8.5	8.0	16	02	7	5	10	1	0.1	44.6	0.4	24.0	7.2	9.0
20	1001.5	15.9	7.6	7.2	18	09	6	5	10	1	0.0	44.6	0.0	24.0	7.5	9.0
21	1011.3	15.0	6.3	6.0	00	00	5	7	05	1	0.0	44.6	0.0	24.0	7.6	9.0
22	1007.9	16.9	9.0	7.8	14	09	8	6	05	1	2.5	47.1	0.0	24.0	7.6	9.0
23	1005.1	16.4	8.6	8.1	16	13	4	6	02	1	0.9	48.0	0.0	24.0	7.8	9.0
24	1003.9	16.6	6.9	6.1	00	00	8	7	02	1	19.7	67.7	0.1	24.1	7.8	9.0
25	985.8	15.9	9.2	8.1	18	13	4	7	02	1	4.3	72.0	0.8	24.9	7.6	9.0
26	1000.2	15.4	6.3	5.5	23	09	7	7	02	1	1.2	73.2	2.5	27.4	7.6	9.0
27	1008.1	13.3	4.3	3.6	23	09	3	8	02	1	3.2	76.4	3.7	31.1	7.2	9.0
28	1007.3	13.3	6.0	5.4	00	00	7	8	02	1	3.6	80.0	0.0	31.1	6.7	9.0
29	1005.7	13.8	2.4	2.3	16	02	7	3	44	1	0.6	80.6	0.0	31.1	6.9	8.8
30	992.4	13.9	6.7	6.1	18	19	8	6	03	1	4.8	85.4	0.0	31.1	7.3	8.8
31	995.3	13.7	2.1	1.4	18	09	1	8	02	1	0.1	85.5	4.2	35.3	7.5	8.7

TEMPERATURE

MAX.

MIN.

GRASS.
MIN.

REMARKS:

DECEMBER 1997

4.8	2.4	-1.8	c Cu calm at obs, / c morn, 12:00 ^h bc 05, Sunny spell pm, 16:00 ^h bc 05, 19:20 ^h prs, 22:40 ^h prs,
8.1	-0.5	-6.2	07:50 ^h prs, 08:30 ^h prs, bc Cu 05 at obs, / Broken sunny morn, 12:00 ^h bc 09, Sunny after, 16:00 ^h bc 05, 20:00 ^h bc 05 freezing
5.1	-2.7	-8.0	Frosty night, clear freezing 05 at obs, / Mostly sunny morn, 12:00 ^h bc 05 sun, Sunny after, 16:00 ^h bc 05 mist, 20:00 ^h freezing mist.
5.4	-3.1	-8.1	Freezing fog before obs, bc Ci 05 fog at obs, / Fog clearing, Sunny spell am, 12:00 ^h bc 09 sun, Sunny spell, 16:00 ^h bc 09, 20:00 ^h c 09.
11.2	-1.9 *	-3.9	0 St - Cu 19 at obs, / o morn, 12:00 ^h o 19, o - c after, 16:00 ^h c 13, 16:10 ^h - 17:30 ^h prs, 19:30 ^h - 20:40 ^h prs, 21:00 ^h c 19.
11.6	4.2	3.5	08:00 ^h prs, 0 St 13 at obs, / o - c morn, 12:00 ^h o 13, c after, 16:00 ^h c 13, 20:00 ^h c 13, 21:20 ^h prs,
13.0	8.8	7.5	0 St - Cu 13 at obs, / slight sun am, 11:40 ^h pr, 12:00 ^h c 19, c after, 16:00 ^h c 24, 20:00 ^h c 24, 21:35 ^h pr,
9.7	7.6	5.8	06:40 ^h - 07:50 ^h dds, bc Cu 13 at obs, / 10:15 ^h - 11:25 ^h pr, 12:00 ^h c 13, 14:50 ^h prs, 16:00 ^h c 09, 20:00 ^h c 09, 20:50 ^h prs
12.4	6.5	4.5	07:30 ^h - 08:00 ^h pr, c Cu 13 at obs, / 10:40 ^h prs, slight sun am, 12:00 ^h pr, Broken sun after, 16:00 ^h bc 13, 20:00 ^h bc 13, 22:00 ^h - 23:59 ^h rrs
11.0	9.3 *	4.3	00:00 ^h - 02:00 ^h rr, 02:00 ^h - 04:50 ^h ir, c Cu 30 at obs, / slight sun am, 12:00 ^h bc 13 sun, Sunny spell pm, 16:00 ^h bc 13, 20:00 ^h c 13, 22:10 ^h - 23:59 ^h ito,
10.9	13.7 *	3.1	00:00 ^h - 02:05 ^h ir, bc Cu calm at obs, / bc morn, slight sun, 12:00 ^h c 05, slight sun pm, 16:00 ^h c 05 prs, - 17:30 ^h , 20:00 ^h c 05.
6.7	1.2	-2.5	b Ci 05 at obs, / Sunny spell am, 12:00 ^h bc 05, bc after, 16:00 ^h bc 09, 20:00 ^h bc 09.
9.5	2.3	-0.4	bc Cu - Ci 05 at obs, / c - bc morn, 12:00 ^h c 05, c after, 16:00 ^h c 09, 20:00 ^h c 09.
11.6	5.4	5.1	c St - lent 09 at obs, / c morn, 12:00 ^h c 09, Sunny spell after, 16:00 ^h bc 09, 20:00 ^h bc 09.
7.2	5.2	2.9	c Cu - St 09 at obs, / c morn, 12:00 ^h c 13, c after, 16:00 ^h bc 13, 20:00 ^h bc 13
5.9	3.5	1.1	bc Cu 13 at obs, / Sunny spell morn, 12:00 ^h bc 13, Broken sun pm, 16:00 ^h bc 13, 20:00 ^h bc 13.
7.5	3.3	1.8	c Cu 24 at obs, / c morn, 12:00 ^h c 13, c after, 16:00 ^h c 24, 17:20 ^h - 18:40 ^h rr, 18:40 ^h - 19:50 ^h rrs, 20:00 ^h c 24.
10.1	0.6	0.6	02:50 ^h - 05:00 ^h rr, 05:30 ^h - 07:00 ^h ir, 07:00 ^h - obs rr, 0 St 24 rr at obs, / rr - 10:30 ^h , 12:00 ^h c 19, c after, 13:30 ^h prs, 16:00 ^h c 09, 20:00 ^h c 13
9.9	6.5	4.9	c Cu 02 mist at obs, / c morn, 12:00 ^h c 02, slight sun pm, 16:00 ^h c 02, 20:00 ^h c 05.
8.7	5.4	2.6	c Cu 09 mist at obs, / c morn, 12:00 ^h c 05, c after, 16:00 ^h c 05, 20:00 ^h c 05.
9.1	5.3	1.6	bc Cu calm misty at obs, bc morn, 12:00 ^h bc 05, bc after, 16:00 ^h bc 05, 20:00 ^h bc 05.
9.5	5.1	4.5	0 St - Cu 09 haze at obs, / 10:40 ^h prs, o morn, 12:00 ^h c 09, 12:40 ^h - 16:50 ^h rrs, 20:00 ^h c 09.
11.8	6.5	4.4	bc Cu 13 at obs, / bc - c morn, 12:00 ^h c 09, 13:00 ^h - 16:30 ^h rrs, 17:00 ^h c 09, 20:00 ^h bc 09.
12.0	5.8	3.2	0 St - Cu calm at obs, / 10:00 ^h - 13:30 ^h rr, 14:00 ^h c 19, 14:30 ^h - 19:30 ^h ir GALE 37, 20:00 ^h c 37.
9.6	4.0	0.8	06:00 ^h - 08:00 ^h rr, 08:00 ^h - 08:30 ^h ir, bc Cu - Ci 13 at obs, / slight sun am, 12:00 ^h - 13:30 ^h ir, 15:00 ^h prs, 16:00 ^h c 13, 16:20 ^h prs, 20:00 ^h c 22:00 ^h - 23:10 ^h rrs.
8.5	4.1	2.3	02:00 ^h prs, 03:10 ^h - 04:40 ^h ir, c Cu 09 at obs, / c morn, 12:00 ^h bc 09, Sunny spell pm, 16:00 ^h bc 09, 16:30 ^h prs, 20:00 ^h bc 09.
7.6	3.4	0.8	01:00 ^h prs, 02:00 ^h prs, bc Cu - Ci 09 at obs, / Broken sunny am, 12:00 ^h bc 09, Broken sun pm, 13:40 ^h pr, 16:00 ^h bc 09, 20:00 ^h bc 09.
7.0	2.1	0.0	02:40 ^h - 05:10 ^h rrs, c Cu calm at obs, / c morn, 12:00 ^h c 05, 12:40 ^h - 16:50 ^h ir, 16:50 ^h - 18:00 ^h rr, 18:40 ^h - 20:00 ^h ir, 21:00 ^h c 05.
10.0	1.5	-0.8	Foggy before obs, c Cu 02 fog at obs, / Fog clearing am, 12:00 ^h c 09, c after, 16:00 ^h c 09, 17:30 ^h prs, 20:00 ^h c 09.
11.9	1.6	1.4	0 St - Cu 19 at obs, 09:30 ^h - 11:30 ^h rrs, 12:00 ^h o 19, o after, 16:00 ^h o 19, 20:00 ^h c 19, 20:10 ^h - 21:10 ^h rrs, 21:10 ^h - 23:59 ^h ir.
6.0	1.5	-0.9	00:00 ^h - 00:30 ^h ir, 04:40 ^h prs, b Ci 09 at obs, / Sunny spell am, 12:00 ^h bc 13, Broken sun pm, 16:00 ^h c 13, 20:00 ^h bc 13, 22:00 ^h bc 09 frosty.

* AIR BUBBLE IN MIN THERM.

1997

December 1997

RAIN FALL

December 1997 3.37 ins

Average December 3.29 ins

Wettest Days: 9th, 17th, 24th (10.2, 15.8, 19.7 mm)24th: Wettest December day since 20th Dec 1991 (20.2 mm)

SUNSHINE

December 1997 36.3 HRS

Average December 37.0 HRS

Sunniest days: 2nd, 3rd, 31st (5.0, 5.4, 4.2 HRS)

AVERAGE TEMPERATURE

December 1997 6.2°C (43.1°F)

Average December 4.7°C (40.5°F)

Mildest days: 7th, 9th, 24th (13.0, 12.4, 12.0°C)Coldest days: 1st, 3rd, 4th (4.8, 5.1, 5.4°C)Mildest nights: 7th, 8th, 9th, 10th (8.8, 7.6, 6.5, 9.3°C)Coldest nights: 2nd, 3rd, 4th, 5th (-0.5, -2.7, -3.1, -1.9°C)

9 days with ground frost

4 days with air frost

2 days with fog

1 day with gale (24th)

19.97

DECEMBER

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

HAIL

THUNDER

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

GALE

DECEMBER 1997

1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

TOTAL RAINFALL 85.5mm 3.37ins

TOTAL SUNSHINE 36.3HRS

MAX TEMP 13.0°C 7th 12th 1997MIN TEMP -3.1°C 4th December 1997LOWEST MAX TEMP 4.8°C 1st December 1997HIGHEST MIN TEMP 8.8°C 7th December 1997

MEAN MAX 9.1°C

MEAN MIN 3.8°C

MEAN TEMP FOR MONTH 6.4°C 6.45

MIN GRASS TEMP -8.1°C 4th December 1997HIGHEST BAR M.S.L 1034.9mb 15th December 1997LOWEST BAR M.S.L 982.9mb 10th December 1997HIGHEST DAILY SUNSHINE 5.4HRS 3rd December 1997HIGHEST DAILY RAINFALL 19.7mm 24th December 1997

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