

1923.	BAR.	ATT. THER.	DRY	WET	ANEMOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30 cm.	100 cm.
JANUARY										W. W						
1	1026.3	16.3	7.8	7.1	18	24	1	7	02	1	0.4	0.4	2.9	2.9	3.7	6.7
2	1026.0	16.2	8.1	7.2	18	24	6	7	02	1	0.0	0.4	0.0	2.9	5.8	6.6
3	1018.2	16.5	5.6	4.3	18	24	7	5	02	1	9.2	9.6	0.0	2.9	5.1	6.7
4	1016.2	16.8	3.3	2.8	18	05	0	7	02	1	3.4	13.0	0.9	3.8	5.2	6.7
5	1018.9	16.8	7.4	6.0	23	19	3	7	02	1	0.2	13.2	0.0	3.8	5.3	6.7
6	1024.1	17.3	3.9	3.5	20	05	5	7	02	1	0.0	13.2	2.3	6.1	5.3	6.8
7	1023.1	16.8	7.5	6.6	20	24	7	7	02	1	1.1	14.3	0.0	6.1	5.1	6.8
8	1020.9	17.0	2.8	2.2	23	05	3	7	02	4	6.8	21.1	2.4	8.5	5.0	6.8
9	1001.0	17.0	7.0	6.5	18	09	4	7	02	1	0.7	21.8	2.7	11.2	5.2	6.8
10	997.9	16.8	9.5	8.9	20	30	8	5	02	1	2.6	24.4	0.6	11.8	5.4	6.8
11	997.9	16.2	0.8	0.1	23	19	4	7	02	2	0.7	25.1	0.1	11.9	4.9	6.8
12	990.5	15.0	1.5	1.3	20	19	2	7	02	3	12.1	37.2	3.6	15.5	4.3	6.7
13	997.4	15.2	1.6	1.5	20	05	8	7	61	1	2.8	40.0	0.0	15.5	4.0	6.7
14	1014.0	15.1	2.0	0.9	20	13	0	8	02	5	9.6	49.6	2.6	18.1	3.6	6.5
15	992.0	16.1	7.0	4.9	23	30	5	8	02	1	2.0	51.6	1.4	19.5	4.6	6.4
16	999.6	16.2	13.8	12.9	23	37	6	8	02	1	1.0	52.6	0.0	19.5	4.8	6.4
17	1005.3	17.2	4.0	2.5	23	19	2	8	02	1	1.3	53.9	4.8	24.3	6.3	6.5
18	1019.3	17.1	2.5	2.0	20	05	8	5	61	1	2.7	56.6	0.1	24.4	5.1	6.5
19	1023.8	17.0	3.5	2.5	18	13	6	7	02	1	1.5	58.1	0.0	24.4	5.0	6.6
20	1002.1	17.4	10.2	8.9	23	13	7	7	02	1	0.5	58.6	2.7	27.1	5.5	6.6
21	1007.0	17.2	7.9	6.4	23	19	6	7	02	1	2.0	60.6	0.0	27.1	5.5	6.6
22	1008.9	17.6	5.3	4.2	23	13	8	5	63	1	5.4	66.0	2.9	30.0	5.6	6.7
23	1016.8	17.2	3.4	3.0	18	13	0	4	63	1	11.5	77.5	0.0	30.0	5.0	6.7
24	1005.0	17.1	4.6	3.5	23	13	2	7	02	1	2.4	79.9	2.0	32.0	5.6	6.7
25	1024.8	14.2	2.5	0.6	32	05	6	7	02	4	1.2	81.1	0.0	32.0	4.9	6.7
26	1021.0	15.8	4.1	3.6	20	05	8	6	61	1	5.2	86.3	0.0	32.0	4.4	6.6
27	1019.2	17.1	8.0	7.9	23	05	0	5	20	1	2.2	88.5	0.3	32.3	5.5	6.5
28	1007.6	17.9	9.7	9.1	18	05	7	7	02	1	1.8	90.3	0.7	33.0	6.5	6.6
29	1018.2	17.2	7.4	7.1	23	02	8	5	02	1	tr	90.3	0.0	33.0	7.1	6.6
30	1020.5	16.4	6.1	4.5	18	13	8	7	02	1	tr	90.3	0.5	33.5	7.0	6.9
31	1036.7	15.9	0.2	-0.2	20	05	1	7	02	4	0.0	90.3	6.9	40.4	6.3	7.0

TEMPERATURE

MAX.

MIN.

GRASS
MIN.VAPOUR
PRESSUREDEW
POINT

REMARKS :-

JANUARY 1993

9.7	1.9	-1.7	b bright breezy morn/1330" C, remaining C after, 1620" 24 after-late evening.	
9.2	7.3	5.0	0600"-0650" r.o., dull overcast at obs/1130"-1900" wind speed 24, 1900" wind 05, 2100" wind 24	
8.1	4.3	0.8	c dull breezy morn/1200" wind 37 after, 1400"-1850" rr, 1850"-2120" r.o., 2120"-2130" rr	
11.3	3.0	-0.8	b bright breezy morn/1200" 05, 1800" C wind 24, 2040"-2200" RR, 2300" wind 37, 2330"-0210" ir, 0210"-0250 ir.	
8.0	3.1	-0.3	bc bright breezy at obs/0100" 05 overcast, 1530"-1540" r.o., 1800" 05 overcast.	
7.5	3.6	-0.4	bc breezy at obs/ Broken Sunshine 1110"-1340", 1700" wind 05 cloud 3, 1920" clam cloud 7.	
8.8	3.3	-0.1	C, 24 at obs./1340"-0030" ir, wind 24 Continuous all day.	
11.2	1.5	-1.3	bc, frost at obs./ mild bc after+early evening, Sunny Period 1000"-1220", 2000"-2020" rr, 2100"-2200" RR, 2300"-0200" rr	
9.5	3.7	-0.2	bc breezy at obs/ Sunny period 0940"-1010", 1150"-1300" Sunny, 1300"-1420" Broken sunshine, 2100"-2210" rr	
10.3	4.7	2.1	C near gale at obs./1010" id, wind 37 after, 1920" is, 2100"-2130" ss, snow lying, wind 24.	
1.4	0.0	-0.8	bc, is, snow cover $\frac{3}{4}$, 19 at obs./ Snow is, morn and after, 1950"-2100" is full cover, rain from melting snow.	
3.9	-1.5	-0.8	b breezy, snow cover 3, 4+mm at obs./ Sunny period 1000"-1310", Thaw 1040"-1200", Snow is, 1100", SoS, 1445"-1500", RR 2000"-2100"-0000" ir	
3.2	0.8	-0.6	R 0000"-0030" ir, R 0350"-0430"-0640" ir, 0640"-0900" rr, 0900"-1045" ir, 1045"-1100" r.o., 1100"-1210" ir, Wind 05, 1530" HAZE, 2200" b.	
11.5	0.4	-1.8	0040" is, showers during night, b breezy at obs/ Sunny 0940"-1030" 1205"-1350", 1500" bc 13, 1700" 19, 1910"-2120" ir, 2200" 24.	
13.7	2.2	-0.4	0050"-0450" ir, 0450"-0515" RR, 0515"-0530" ir, C 30 at obs./ 1400" 30 in gusts 1800" 37 in gusts, 2200" 05.	
14.1	3.9	2.0	bc 37 in gusts at obs./ remaining 37 to 1600", 1600" 24, 2200" c 37,	
5.1	3.4	0.9	0100" 44 gusts, 0015"-0640" ir, b breezy at obs./ Long Sunny period 0920"-1340", INT SUNSHINE 1350"-1450", 1500" 19, 2100" 05.	
7.5	1.0	-2.8	O r.o. at obs./ 1200" overcast 09, 1600"-1750" ss 19, 2130" 24 in gusts.	
11.2	1.8	-1.5	C breezy at obs./ 1135"-1300" rr 13, 1600" overcast 24, 1850"-1910" r.o., 2100" bc, 2220"-2235 r.o.	
10.4	3.4	2.1	C breezy at obs./ 1020"-1040" rr, 1045"-1305" Sunny period, 1300"-1400" r.o., 1450"-1500" r.o., 2100" bc 05,	
12.1	5.3	2.2	C 23 in gusts at obs./ 1200" 0 24, 1210"-1400" rr, 1330" 30, 1600" 30 c, 2100" 37 in gusts, 2115" pr.	
6.5	5.0	2.8	C rr breezy at obs./ rr until 0930", 1030"-1130" 1150"-1335" sunny periods, 1530" C 19, 1600" pr, 1805"-1820" RR 1930" pr	
13.1	1.9	-0.8	O rr at obs./ 0930"-1110" rr, 1200"-1340" ir 13, 1340"-1530" RR, 1530"-1700" r.o., 1730" 024-30 in gusts, 2200"-0001" rr, 2300" 37.	
6.3	4.0	0.6	0001"-0600" pr, b sunny at obs./ 0940"-1350" Broken sunshine, 1300" 24, 1440" RR 1620" ir, 1540" 0 19, 1930 ss, 2100" 24,	
4.2	1.3	-2.6	C cold calm at obs./ 1200" doS, 1530" C 02, 2000" bc 02, 2200" b 05.	
10.2	3.0	-1.6	0720"-0940" r.o., O at obs./ 0940"-1055" ss, 1100"-1150" r.o., 1150"-1205" rr 1205"-1420" r.o., overcast afternoon+evening, 2100" 0 00.	
10.6	4.0	3.2	2350"-0850" doS, overcast at obs./ overcast morn, 1300"-1335" Sunny, 1650"-1710" rr, 1710"-2020" ir, 2200" overcast 05.	
11.1	7.8	7.5	C mild calm at obs./ 0930"-1010" sunshine, 1200" o-c 1530" pr, 1605"-1800" rr, 2205 pr remaining o-c	
8.8	6.9	6.1	C calm mild at obs./ 1200" 02 overcast, remaining 02 and overcast, afternoon and evening.	
8.1	5.7	4.4	C breezy at obs./ 1020"-1120" Broken sunshine, 1200" overcast 09, 1530" oc 19, 1930" o-c 13, 2200 oc 09.	
7.8	-0.8	-6.5	b bright calm frost at obs./ 0900"-1535" Long sunny period, 1200" b, 1600" Haze, 1800" b cold Haze, 2200" b frost	

1993.

HAIL

THUNDER

FOG 9^hFOG 0^h-24^h

AIR

FROST

GROUND

FROST

GALE

JANUARY

JANUARY 1993

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

355^{ins} (903 mm)

TOTAL SUNSHINE

40.4 Hrs

MAX TEMP

14.1°C on 18th

MIN TEMP

-01.5°C on 12th

LOWEST MAX

1.4°C on 12th

HIGHEST MIN

7.8°C on 28th

MEAN MAX

8.8°C on

MEAN MIN

3.0°C

MEAN TEMP FOR MONTH

5.9°C

MIN GRASS TEMP

-6.5°C on 31st

HIGHEST BAR M.S.L

1030.6 mb on 31st

LOWEST BAR M.S.L

972.5 mb on 10th

HIGHEST DAILY RAINFALL

12.1 mm on 12th

HIGHEST DAILY RAIN SUNSHINE

6.9 hrs on 31st

1

2

18

1

FEBRUARY

[illegible]

TEMPERATURE

REMARKS :-

FEBRUARY 1993

MAX.	MIN.	GRASS. MIN.	VAPOUR PRESSURE	DEW POINT	REMARKS :-
8.3	-3.2	-8.1			bc 10 mist frost at obs. / 0915"-0950" sunny period, 1230"-1240" sunny, 1300" OS bc, 1500" 09 bc, 2100" 09 c.
10.7	-1.6	-3.2			C ido 13 at obs. / 1200" overcast 09, 1600" overcast 19, 1900" overcast 19, 2100" bc 13.
9.3	8.4	6.6			Overcast 09 at obs. / 1200" overcast 09, 1310" short sunny spell, 1600" overcast 13 remaining overcast in evening.
8.4	6.5	3.5			Overcast 05 at obs. / 1200" overcast dry mild afternoon and evening 09, 2100" bc Haze 09.
10.1	4.0	0.7			b bright breezy at obs. / 0900"-1110" Sunny, 1140"-1250" Sunny 1315"-1400" Sunny, 1600" C 13 mild evening.
11.4	5.1	3.4			C overcast mild at obs. / 1245" overcast 05, 1600" o-c 05, 1830"-1850" rr, 2100" o-c 02 HAZE.
11.2	8.4	8.5			C overcast calm at obs. / 1200" overcast 02, 1600" o-c 02, 2000"-0001" d.o.d.o.
8.2	6.3	5.3			C dull calm at obs. / 1400" o-c 02 z, 1700" o-c 00 m, 2130" o-c 00 z.
8.0	6.7	6.5			0010"-0020" d.o.d.o., C 05 m at obs. / 1230" ido o-c, 1600" o-c 02, 2130" o-c 00.
6.6	5.4	4.6			C overcast 05 at obs. / 1200" o-c 02, 1210"-1220" d.o.d.o., 1600" o-c 05, remaining overcast + calm late after + evening
8.8	5.2	3.8			C dull gentle breeze at obs. / 1200" o-c 02, 1220"-1240" sunny, 1600" o-c 09, 2100" o-c 09.
9.8	5.4	1.5			bc bright breezy + misty at obs. / 1030"-1220" Broken sunshine, 09, 1355"-1410" Broken sunshine, mild afternoon and evening.
9.4	6.7	2.4			C dull mild at obs. / 1200" o-c 05, 1800" o-c 05 remaining o-c 05 to late evening.
10.3	7.9	4.9			0740"-0750" pr, o-c breezy at obs. / 1300" o-c 09, 1400"-1450" ir, 1535"-1610" ir, 1700"-1910" ir 1910"-2030" rr, 2030"-0300" iro.
8.8	0.6	-4.8			ground frost during night, bright frosty at obs. / 1200" o-c 05, 1250" sunny, 1600" o-c 05 remaining o-c 05,
10.1	1.9	-0.2			Overcast + calm at obs. / 1200" o-c 05, at 1410"-1430" d.o.d.o., 1600" o-c mild 05, 2100" C 05 mild night.
9.8	7.6	6.0			Overcast 05 at obs. / 1300" overcast 05, 1700" o-c 05, 1900" o-c 05 remaining o-c 05.
8.3	5.4	4.6			Overcast breezy at obs. / 1150"-1210" rr, 1240" pr, 1300" o-c 13, 1410"-1500" Broken sunshine, 1650" PR, 2100" 19 bc.
9.5	4.3	0.1			Bright mild C at obs. / 0900"-1250" Broken sunshine, 1250" pr, 1310"-1430" Broken sunshine, 1600" bc 09, 1900" b 05.
9.2	2.9	-2.3			Overcast mild at obs. / 0900"-1335" Broken sunshine, 1200" o-c 13, 1600" o-c 19, 1700" pr, 2100" o-c 19,
8.4	5.5	1.0			0250"-0300" RR, 0410" pr, 0600" pr, O-C calm at obs. / 0950"-1055" Broken sunshine, 1140" PR, 1300" o-c 13, 1550"-1620" ir, 1600" O-C 19, remaining O-C 09 evening
10.6	6.0	1.0			O-C 05 at obs. / 1050"-1110" sunny period, 1125"-1150" Broken sunshine, 1300" bc 05, 1800" C 05, 2230" bc 05
7.5	2.5	-3.1			Overcast 05 at obs. / 1300" C 05, 1600" C 02, 2100" o-c 05.
8.5	5.1	4.1			Overcast 05 at obs. / 1030" ido, 1300" o-c 09, 1600" o-c 13, 1730" o-c 09 HAZE, 2100" o-c 09.
10.4	5.4	4.0			0410"-0750" rr, C 05 at obs. / 0900"-1000" Sunny, 1030" 1205" Broken Sun, 1320" PR, 1430"-1600" sunny, 2100" O-C 09,
6.2	2.8	0.4			0510"-0710" rr, 0710" RR to obs, O-C 02 63 at obs. / 1020"-1050" Broken Sun, 1150" PR, showers after, 1230"-1630" Broken sun, 1800" Pros. 2000"
8.1	-2.6	-8.3			frost during night, C 05 at obs. / 1000" 15c, 1430" 87, 13 C, 1800" 13 bc, 2100" freezing bc.
4.1	-0.2	-4.6			bc Sunny at obs. / 1200" C 13, Afternoon dry with sunny spells 13 bc, 2100" bc 13 freezing,

1993.

FEBRUARY

HAIL

THUNDER

Fog 9^mFog 0^m-24^m

AIR

FROST

GROUND

FROST

GALE

FEBRUARY

TOTAL RAINFALL

17.5mm

TOTAL SUNSHINE

24.8 HRS

MAX TEMP.

11.4°C on 7th

MIN TEMP

-3.2°C on 1st

LOWEST MAX

6.2°C on 27th

HIGHEST MIN

8.4°C on 3rd and 7th

MEAN MAX

9.06°C

MEAN MIN

4.22°C

MEAN TEMP. FOR MONTH

6.6°C

MIN GRASS TEMP

-8.3°C on 27th

HIGHEST BAR M.S.L

1040.4 mb on 15th

LOWEST BAR M.S.L

1022.6 mb on 25th

HIGHEST DAILY RAINFALL

5.3mm on 25th

HIGHEST DAILY SUNSHINE

4.6 hrs on 5th

5 8 0

19.93.

MARCH

	BAR.	ATT. THER.	DRY	WET	ANEMOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30 cm.	100 cm.
										W.O W						
1	1028.8	18.5	1.4	0.0	36	05	4	7	02	2	0.0	0.0	5.8	5.8	5.1	7.5
2	1023.5	18.9	1.5	0.5	05	09	8	7	02	5	0.0	0.0	0.0	5.8	4.9	7.4
3	1030.2	19.2	0.3	0.1	36	05	0	6	02	4	0.0	0.0	4.7	10.5	4.7	7.2
4	1036.1	17.4	-1.9	-2.1	02	02	2	4	10	4	fr	0.0	3.4	13.9	4.4	7.1
5	1029.5	17.8	8.1	7.7	32	02	8	7	02	1	0.0	0.0	0.0	13.9	5.1	7.0
6	1027.2	17.6	5.0	4.5	32	0.0	8	7	02	1	0.0	0.0	0.0	13.9	6.0	7.0
7	1021.4	16.7	5.6	4.7	16	09	8	7	02	1	0.0	0.0	0.0	13.9	6.2	7.0
8	1016.8	16.1	8.4	7.0	18	13	5	6	01	1	0.0	0.0	1.8	15.7	6.4	7.0
9	1019.2	17.0	5.2	4.5	05	09	8	5	02	1	0.0	0.0	1.2	16.9	6.6	7.1
10	1017.9	17.3	6.1	5.5	14	05	8	5	02	1	3.6	3.6	0.3	17.2	6.5	7.2
11	1018.3	16.8	9.1	8.1	18	09	8	6	02	1	0.2	3.8	0.2	17.4	7.0	7.2
12	1013.5	16.7	8.4	8.1	14	09	8	5	60	1	1.2	5.0	1.5	18.9	7.5	7.3
13	1009.5	16.8	10.1	8.9	14	09	8	6	02	1	0.2	5.2	3.8	22.7	7.9	7.4
14	1008.4	16.9	10.5	9.5	20	09	4	8	02	1	0.0	5.2	3.6	26.3	8.5	7.5
15	1018.2	17.2	11.1	10.2	18	13	6	7	02	1	2.2	7.4	0.4	26.7	8.6	7.6
16	1020.6	17.4	6.3	5.6	23	19	8	7	61	1	0.7	8.1	0.0	26.7	8.5	7.8
17	1015.7	16.6	11.2	10.4	23	24	8	8	02	1	1.1	9.2	*	26.7	8.3	7.9
18	1021.1	17.1	5.4	4.2	23	13	4	8	02	1	0.0	9.2	*	26.7	8.6	8.0
19	1029.1	18.0	7.1	5.7	23	05	4	8	02	1	0.0	9.2	0.2	26.9	7.9	8.1
20	1019.7	16.7	6.5	5.0	20	09	8	7	50	1	0.1	9.3	0.0	26.9	7.6	8.1
21	1008.8	16.1	7.9	5.7	27	05	4	8	02	1	0.0	9.3	4.4	31.3	7.8	8.1
22	1004.9	16.5	6.3	5.4	23	13	8	8	80	1	2.2	11.5	5.7	37.0	7.5	8.0
23	1016.8	16.9	3.9	3.5	23	05	8	7	26	1	0.9	12.4	7.0	44.0	6.9	8.1
24	1030.2	17.6	5.9	5.0	23	05	2	8	02	1	1.4	13.8	6.3	50.3	6.8	8.1
25	1038.5	18.1	4.8	3.4	18	02	1	6	02	1	0.0	13.8	5.9	56.2	6.6	8.0
26	1032.1	18.0	7.1	5.5	16	05	1	8	02	1	0.0	13.8	5.2	61.4	7.0	7.9
27	1017.7	16.8	7.9	6.6	18	05	8	7	02	1	3.9	17.7	0.0	61.4	7.4	8.0
28	1011.2	16.5	1.9	1.9	18	05	9	3	43	1	1.8	19.5	1.6	63.0	7.0	7.9
29	1005.0	16.2	8.5	8.4	20	24	8	7	21	1	16.5	36.0	0.0	63.0	7.4	7.9
30	991.0	16.0	9.7	6.6	18	37	8	8	50	1	2.1	38.1	4.6	67.6	8.1	7.9
31	1007.6	15.5	8.2	6.4	16	19	4	7	02	1	0.9	39.0	4.3	71.9	7.7	8.0

* sun light sphere stolen.

☒ SUNLIGHT SPHERE REPLACED 1300^h 19th MARCH 1993

TEMPERATURE			VAPOUR PRESSURE	DEW POINT	REMARKS :-
MAX.	MIN.	GRASS. MIN.			
6.3	-3.1	-8.8			bc Sunny at obs frost during night. 0920" 87, 1200" Sunny bc 09, long sunny period 0900"-1600", 1600" c 09, 1900" bc 05, 2100" bc 09.
4.3	-1.5	-7.1			Overcast 05 at obs. 1300" O-C 09, 1600" O-C 05, 1900" O-C 05, 2100" O-C 05
7.5	-2.4	GRASS MIN BROKEN			b 05 frost at obs. 0900"-1310" Sunny, Broken sunshine after, 1700" b 02 05, 1900" 02 b, 2200" 05 b.
8.1	-4.0	-9.0			b sunny morn, cirrus forming. 0900"-1110" Broken sunshine, 1130" HAZE 05, 1500" 05 c, Sunny afternoon, mild evening.
9.7	-2.3	-3.1			Dull overcast 02 at obs. 1200" O-C 13, 1500" O-C 05, 1800" O-C 02, 2100" O-C 02.
8.2	4.4	4.3			Overcast calm at obs. Mild overcast morn 02, Remaining overcast 02 after + evening
8.5	4.2	4.0			Dull overcast 09 at obs. 1200" overcast 05, mild afternoon remaining overcast 05 evening.
10.1	5.4	2.9			0820"-0900" Sunny, bc 13 sunny at obs. 0930"-1040" Sunny, 1300" O-C 05, 1530" 09 O-C HAZE, 2000" O-C 05, 2100" doro,
7.1	3.5	-0.6			Overcast 09 mist at obs. 1150"-1220" sunny, 1300" O-C 05, 1500"-1600" Broken Sun 05 bc, 1900" O-C 05, 2000" pro.
9.1	3.5	0.7			Overcast 05 mist at obs. 1200" c 09 HAZE short sunny spells 1600" 05 O-C, 1600"-2240" rr O-C 05.
12.6	6.0	5.0			Overcast 09 at obs. 1000" pro, 1200" O-C 05, 1310" sunny spell, 1600" O-C 05 HAZE, 2000" O-C 05, 2200" b 05
12.7	7.3	3.8			Overcast 09 60 mist at obs. 1110"-1230" sunny bc 05, 1600" bc 05, 1830" O-C 09, 1850"-2020" ir,
14.7	7.9	6.5			Overcast 09 at obs. 1130"-1615" sunny period b 05, 1800" O-C 09, 2100" O-C 09 mild evening.
13.1	8.5	6.0			0700"-0720" rr, 0810"-0900" sunny bc 09 at obs. 0900"-1020" sunny 1200" O-C 13, 1330"-1600" Broken sun, 1700" O-C 13, 2100" bc 05.
13.7	8.0	4.7			Overcast 13 at obs. 1100"-1330" Broken sun, 1400" O-C 13, 1600" O-C 13, 1615"-1920" ir, 1920"-2005" roro, 2100" O-C 13.
11.2	4.4	0.1			Overcast 19 61 at obs. 0900"-0930" roro, 1200" O 13, 1600" O 13, 1730"-2000" ir O 19.
12.0	6.0	6.0			O 24 at obs. 1200" O 19, 1400" O 19, 1800" O 13, 2200" O 09
8.0	4.8	4.0			0140"-0200" rr, 0200"-0310" roro, bc 13 at obs. 1200" Sunny 13 bc, 1600" Sunny 24 bc, 1800" sunny 13 bc, 2100" b 05,
9.5	3.8	-1.0			bc 05 sunny at obs. 1100" sunny, 1300" O 09, 1335" sunny, 1500" O 13, 1600" sun 09, 1900" O 09, 2200" O 05,
9.8	5.7	3.2			O 09 50 at obs. 1200" O 05, 1600" O 05, 1830" O 05, remaining O 05.
9.7	4.8	0.5			0405"-0410" pro, 0730"-1100" sunny, bc 05 at obs. 1200" sunny 05, 1600" O 05, 2000" O 05, 2200" c 05.
8.0	2.9	0.3			O 13 80 at obs. 1010" pro, 1100" pho, Broken sun morn, 1410" SoSo 19, Broken sun after, 1545" prs, 1900" sun 30, 2030" ss, 2230" ss,
7.9	0.7	-1.2			0630"-0810" PRS, O 05 at obs. 0925" Broken sunny morn, 1050" PR, 1150" PR, 1250" PR, 1350" ph, Broken sunny after, 2000" bc 05.
9.8	1.4	-1.8			b 05 sunny at obs. 0900" Broken sunny morn 1130"-1140" RR, 1230" PR, After Broken sun, 1610" PR, 2000" bc 02.
11.2	-0.6	-5.6			b 02 sunny at obs. 0900" long sunny period 1120", 1200" bc 02, Broken sun after, 1500" bc 02, 1900" c 02, 2000" c 02
10.7	3.1	-2.9			b 05 sunny at obs. 0900"-1300" sunny, Broken sun 1300"-1400", 1420" O 05, remaining O 05 afternoon and evening.
8.3	6.6	5.3			O 05 at obs. 1130"-1830" rr, Overcast 05 afternoon, 2100" moderate fog
10.6	-1.2	-4.2			05 fog 3 frosty at obs. 1100" fog lifting, 1150"-1320" sunny, O 05 after, 1830"-2030" doro 13.
10.8	3.2	4.3			0650"-0850" rr, 0850"-0950" roro, O 24 at obs. 1110" pro, 1230"-1330" rr, 1630" pro, wind mostly 24 all day, 1750"-0001 rr
10.5	8.0	8.0			0001"-0810" mostly rr, 0900" sunny bc 24, O 37 50 at obs. 1030"-1200" ir 24, After Broken Sun bc 13, 1800" bc 13, 2200" b 09.
10.1	3.2	-0.5			bc 19 sunny at obs. sunny morn bc 13, 1300"-1510" ir, Bright mild after, evening mild bc 05.

1993.

MARCH

HAIL

THUNDER

FOG 9"

FOG 0"-24"

AIR
FROSTGROUND
FROST

GALE

MARCH 1993

1	1			1	1	
2				1	1	
3				1	GRASS MIN BROKEN 1	
4				1	1	
5				1	1	
6						
7						
8						
9					1	
10						
11						
12						
13						
14						
15						
16						
17						
18						
19					1	
20						
21						
22						
23					1	
24					1	
25				1	1	
26					1	
27		1				
28		1	1	1	1	
29						
30						1
31					1	
	1	1	2	7	13	1

TOTAL RAINFALL 1.53 ins (39.0 mm)

TOTAL SUNSHINE 71.9 HRS

MAX TEMP 14.7°C on 13thMIN TEMP -4.0°C on 4thLOWEST MAX 4.3°C on 2ndHIGHEST MIN 8.5°C on 14th

MEAN MAX 9.8°C

MEAN MIN 3.2°C

MEAN TEMP FOR MONTH 6.5°C

MIN GRASS TEMP -9.0°C on 4thHIGHEST BAR M.S.L 1038.5 mb on 25thLOWEST BAR M.S.L 991.0 mb on 30thHIGHEST DAILY RAINFALL 16.5 mm on 29thHIGHEST DAILY SUNSHINE 7 hrs on 23rd

APRIL

BAR.	ATT. THER.	DRY	WET	ANEMOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND W.D W	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
				DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30 cm.	100 cm.
1007.8	16.3	5.6	3.9	18	05	0	8	02	1	2.2	2.2	8.6	8.6	7.5	8.1
1020.0	17.0	6.6	6.2	18	02	7	6	02	1	1.3	3.5	3.5	12.1	7.5	8.0
1002.5	16.0	7.2	6.6	11	09	8	6	63	1	16.0	19.5	0.0	12.1	8.0	8.0
1005.6	15.7	4.1	3.4	23	05	0	8	0.2	1	14.7	34.2	7.7	19.8	7.2	8.0
982.3	15.7	7.6	5.5	18	24	6	7	0.2	1	2.8	37.0	4.7	24.5	7.5	8.0
999.7	17.1	8.8	7.0	27	05	5	8	02	1	3.5	40.5	4.8	29.3	7.6	8.0
1009.8	17.7	8.2	7.9	14	02	8	6	58	1	0.1	40.6	0.0	29.3	8.0	8.1
1010.7	18.2	11.1	10.0	16	05	6	8	02	1	5.2	45.8	0.1	29.4	8.6	8.2
1005.3	17.5	8.8	8.6	18	02	9	5	63	1	5.3	51.1	0.2	29.6	9.2	8.2
1011.0	17.1	7.0	6.1	20	02	1	8	02	1	0.2	51.3	10.9	40.5	8.8	8.4
1005.5	17.8	8.0	7.6	32	05	4	7	02	1	0.0	51.3	6.5	47.0	9.1	8.5
1004.3	18.1	6.1	5.4	32	02	8	6	02	1	0.0	51.3	0.0	47.0	9.2	8.6
1004.6	17.9	7.1	6.4	32	02	8	4	05	1	0.0	51.3	3.3	50.3	9.0	8.6
1013.5	19.0	8.0	7.3	14	02	9	4	05	1	0.3	51.6	3.0	53.3	9.2	8.8
1018.2	20.5	8.2	7.5	18	09	4	7	02	1	1.4	53.0	1.9	55.2	9.5	8.8
1024.2	19.0	9.7	8.9	16	09	8	7	63	1	0.8	53.8	0.0	55.2	9.6	8.9
1015.9	17.9	10.0	7.3	29	05	5	7	02	1	3.8	57.6	9.5	64.7	9.8	8.9
1008.4	18.4	11.9	11.3	23	05	8	6	63	1	5.7	63.3	0.0	64.7	10.4	9.1
1009.8	18.4	11.4	11.2	20	13	7	7	02	1	3.9	67.2	0.0	64.7	10.6	9.1
999.8	18.5	8.4	8.1	20	09	4	8	21	1	0.1	67.3	5.1	69.8	10.6	9.3
1002.2	18.0	10.1	8.4	23	09	6	8	02	1	tr	67.3	2.4	72.2	10.3	9.4
997.1	17.4	11.1	9.9	18	05	6	7	50	1	2.3	69.6	1.5	73.7	10.5	9.5
995.8	18.0	10.0	8.6	18	09	7	7	02	1	5.1	74.7	3.1	76.8	10.4	9.6
997.5	16.9	11.5	9.2	18	05	6	8	02	1	0.1	74.8	4.0	80.8	10.5	9.6
1010.9	16.8	10.6	9.8	02	05	2	7	02	1	7.4	82.2	3.5	84.3	10.6	9.7
1014.5	17.8	8.8	8.3	36	05	8	6	50	1	0.1	82.3	1.1	85.4	10.7	9.7
1021.3	18.1	10.4	10.0	36	02	9	5	02	1	tr	82.3	5.1	90.5	10.7	9.8
1026.6	19.1	10.2	9.4	36	02	6	6	02	1	0.0	82.3	8.6	99.1	11.4	9.9
1020.5	20.0	12.0	8.8	36	02	0	8	02	1	0.0	82.3	12.2	111.3	11.5	10.0
1016.4	20.9	8.1	7.9	36	02	9	4	02	1	0.0	82.3	00.8	112.1	11.9	10.1

TEMPERATURE			VAPOUR PRESSURE	DEW POINT	REMARKS :-
MAX.	MIN.	GRASS. MIN.			
10.1	1.4	-1.0			b 05 sunny at obs. Mostly sunny morn 05, 1100 ^h bc 05, 1215 ^h pr, 1500 ^h sunny 05 bc, 1800 ^h 02 bc, 2100 ^h bc 02.
11.5	3.5	-1.0			c 02 at obs. 1300 ^h sunny after 02 bc, 1600 ^h bc 02, 1900 ^h 02 bc, 2100 ^h bc 02,
7.3	6.2	2.0			0300 ^h -0900 ^h ir, 0 09 63 at obs. 0900 ^h -1230 ^h ir, 1230 ^h -1310 ^h RR, 1310 ^h -1710 ^h sleet + hail + snow, 2200 ^h bc 09.
10.7	0.2	-3.1			b 05 sunny at obs, b sunny morn 05, 1200 ^h bc 05 sunny, 1800 ^h bc 05, 2040 ^h -0230 ^h RR, 2100 ^h 019 2300 ^h 0 30
11.1	4.0	0.0			0001 ^h -0230 ^h RR, GALE during night 37, c 24 at obs. 1040 ^h pr, 1200 ^h 0 24, 1700 ^h 0 30, 1730 ^h -1830 ^h rr, 2100 ^h 0 24
11.5	5.7	2.7			0010 ^h pr, 0115 ^h -0155 ^h ir, bc 05 at obs. morn broken sun, 1200 ^h bc 05, After broken sun, 1550 ^h bc 05, 1900 ^h 02, 2100 ^h 02, 2300 ^h -0001 ^h RR
11.2	6.5	3.9			0001 ^h -0010 ^h RR, 0010 ^h -0400 ^h rr, 0 02 58 at obs. 1200 ^h 0 02, 1600 ^h 0 02, 2000 ^h 0 02, Dry mild day and evening.
10.8	8.1	7.9			c 05 at obs. 1200 ^h 0 05, 1230 ^h -1310 ^h r, 1600 ^h 0 09, 1610 ^h -1730 ^h r, 2000 ^h 0 05, 2050 ^h -0001 ^h ir, 2230 ^h 0 02 HAZE
11.3	8.2	8.1			0710 ^h -0900 ^h rr, 43 02 63 fog 5 at obs. 0900 ^h -1230 ^h rr, 1600 ^h 0 02, 2000 ^h 0 02.
13.2	2.6	-0.6			b 02 sunny at obs. 1200 ^h b 02 sunny, 1600 ^h b 02 sunny, 2000 ^h b 02, 2200 ^h b 02
12.3	1.3	-2.6			bc 05 sunny at obs. Broken sun morn, 1200 ^h bc 09, Sun after, 1600 ^h c 05, 2000 ^h 0 05,
9.0	5.2	3.2			0 02 at obs. 1200 ^h 0 02, 1600 ^h 0 02, 1900 ^h 0 02, 2100 ^h 0 02,
12.2	3.2	-1.6			0 02 at Haze at obs. 1200 ^h bc 02, 1600 ^h b 00 sunny, 2000 ^h bc 02, 2200 ^h 0 02.
12.3	3.1	-1.9			02 fog mild dry at obs. 1200 ^h sunny bc Haze 02, 1600 ^h sunny c 02, 2000 ^h c 02 2200 ^h c 02.
12.6	4.0	0.6			bc 09 at obs. Broken sun morn, 1200 ^h c 09, 1600 ^h 0 09, 1930 ^h -1940 ^h pr, 2100 ^h 0 09.
13.0	8.8	7.0			0 09 63 at obs. 0900 ^h -1000 ^h rr, 1200 ^h 0 09, 1500 ^h 0 09, 1820 ^h -1835 ^h pr, 1900 ^h 0 05, 2100 ^h c 05
13.3	6.6	4.1			bc 05 sunny at obs. Bright sunny morn bc 05, Bright sunny after bc 05, 2310 ^h -2320 ^h pr.
13.3	9.7	8.7			0001 ^h -0330 ^h rr, 0810 ^h -0900 ^h rr, 0 05 63 at obs. 0900 ^h -1430 ^h rr 09, 1600 ^h 0 09, 1830 ^h bc 05 sunny, 2120 ^h -2340 ^h rr 0 09.
13.6	10.4	9.0			0050 ^h -0120 ^h pr, c 13 at obs. 1200 ^h c 09, 1600 ^h c 13, 2200 ^h 0 09,
12.9	7.5	7.2			0445 ^h -0850 ^h rr, bc 09 at obs. 1200 ^h bc 09, 1500 ^h c 13, 1555 ^h pr, 1630 ^h pr, 1900 ^h c 19, 2100 ^h c 05, 2230 ^h bc 05.
13.3	5.5	3.0			c 09 at obs. 1200 ^h 0 09, Broken sun morn, 1240 ^h pr, 1600 ^h c 05, 1900 ^h c 05, 2100 ^h bc 05.
12.7	5.5	7.4			c 05 50 at obs. 1200 ^h 0 09, 1250 ^h -1330 ^h RR, 1330 ^h -1440 ^h rr, 1600 ^h c 02 sunny, 1700 ^h sunny bc 02, 2100 ^h bc 02
13.1	4.4	-1.1			0 09 at obs. pr morn, 1200 ^h bc 05, pr after, 1530 ^h 0 13, 1800 ^h bc 05 sunny, 2100 ^h bc 05
14.0	7.4	5.2			c 05 at obs. 1200 ^h bc 05, Broken sunny after, 1600 ^h bc 05 sunny, 1930 ^h bc 09, 2000 ^h c 02, 2200 ^h bc 02
14.3	3.4	-1.5			b 05 sunny at obs. Broken sunny morn, 1200 ^h bc 05 sunny, 1600 ^h 0 05, 1700 ^h -2020 ^h RR, 2020 ^h -2100 ^h r, 0 05,
12.7	7.6	8.0			0 05 50 at obs. 1300 ^h 0 09, 1600 ^h 0 09, 1730 ^h -1830 ^h sunny spell, 2000 ^h bc 05, 2200 ^h bc 05.
17.4	6.9	3.0			fog 5 02 at obs. Broken sun morn, 1200 ^h 02 HAZE sunny, 1600 ^h sunny bc 02, 2000 ^h bc 02 HAZE, 2200 ^h 0 02,
16.6	8.1	4.0			c 02 HAZE at obs. bc 02 sunny morn, 1200 ^h bc 02, bc 02 sunny after, 1600 ^h b 02, 2100 ^h b 02
18.8	3.9	-1.4			b 02 at obs. 1300 ^h b 02 sunny, 1600 ^h b 02 sunny, 1800 ^h b 02 sunny 2100 ^h 0 02, 19.2 ^{hrs} unbroken sunshine.
15.0	7.1	5.9			fog 4 02 at obs. 2 morn, 1200 ^h 0 02, Broken sun after, 1600 ^h 0 02, 1900 ^h bc 02, 2100 ^h bc 02, 2300 ^h c 02

1993.

APRIL

HAIL

THUNDER

Fog 9^hFog 0^h-24^hAIR
FROSTGROUND
FROST

GALE

APRIL 1993

1
2
3
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1 - 5 0 10 1

TOTAL RAINFALL 3.24^{ins} 82.3mm

TOTAL SUNSHINE 112.1 HRS

MAX TEMP 18.8°C on 29thMIN TEMP 0.2°C on 4thLOWEST MAX 7.3°C on 3rdHIGHEST MIN 10.4°C on 19th

MEAN MAX 12.7°C

MEAN MIN 5.5°C

MEAN TEMP FOR MONTH 9.1°C

MIN GRASS TEMP -3.1°C 4thHIGHEST BAR M.S.L 1026.6 mb on 28thLOWEST BAR M.S.L 982.3 mb on 5thHIGHEST DAILY RAINFALL 16.0mm on 3rdHIGHEST DAILY SUNSHINE 12.2 HRS on 28th

19.93

May

	BAR.	ATT. THER.	DRY	WET	ANEMOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30 cm.	100 cm.
1	1013.4	20.3	10.1	8.3	34	05	7	8	02	1	0.0	0.0	1.4	1.4	11.8	10.2
2	1018.7	19.0	7.7	5.5	23	02	3	8	02	1	tr	0.0	11.3	12.7	11.1	10.5
3	1028.2	18.2	7.6	5.1	23	02	4	8	02	1	0.0	0.0	6.9	19.6	10.6	10.5
4	1032.3	18.0	9.9	7.0	20	02	4	8	02	1	0.0	0.0	1.2	20.8	10.4	10.4
5	1032.2	18.5	12.7	10.1	05	05	3	8	02	1	0.0	0.0	6.6	27.4	10.8	10.4
6	1031.7	18.8	12.2	10.9	14	05	7	7	02	1	0.0	0.0	4.9	32.3	11.1	10.4
7	1031.0	19.4	13.0	11.0	16	05	0	6	05	1	0.0	0.0	8.8	41.1	11.2	10.5
8	1031.9	19.4	12.9	11.6	05	05	6	6	05	1	0.0	0.0	0.8	41.9	11.5	10.5
9	1031.3	19.0	10.0	8.4	02	05	7	7	02	1	0.0	0.0	6.2	48.1	11.5	10.5
10	1026.1	19.5	12.3	10.3	05	05	2	7	02	1	4.6	4.6	0.9	49.0	11.6	10.6
11	1023.1	19.8	13.9	12.0	05	05	3	7	02	1	0.1	4.7	9.0	58.0	11.6	10.7
12	1019.9	19.8	12.6	10.5	05	09	3	8	02	1	0.0	4.7	9.0	67.0	11.8	10.7
13	1006.2	20.0	10.7	9.0	05	05	7	8	02	1	36.4	41.1	1.1	68.1	12.5	10.8
14	1000.0	19.1	5.3	3.0	36	09	8	7	63	1	16.1	57.2	0.1	68.2	11.0	11.0
15	998.0	16.4	7.4	5.6	32	05	4	8	02	1	1.2	58.4	6.9	75.1	9.8	11.0
16	1002.4	15.5	8.8	7.1	18	13	6	8	02	1	22.4	80.8	3.7	78.8	10.4	10.8
17	992.7	17.8	9.5	9.3	27	02	8	4	63	1	6.8	87.6	0.5	79.3	11.0	10.7
18	999.9	18.0	8.0	6.4	20	24	7	8	02	1	2.2	89.8	8.5	87.8	11.1	10.7
19	1010.6	17.1	7.0	6.1	18	02	8	7	63	1	3.5	93.3	5.5	93.3	11.2	10.8
20	1020.0	17.1	11.9	9.6	18	05	1	8	02	1	tr	93.3	8.8	102.1	11.4	10.8
21	1014.8	18.1	9.9	8.6	18	02	6	7	02	1	0.1	93.4	6.6	108.7	12.2	10.9
22	1012.0	17.9	13.4	11.9	14	13	7	7	02	1	0.0	93.4	2.2	110.9	12.8	11.0
23	1016.6	17.3	12.2	11.1	05	05	8	6	02	1	1.0	94.4	4.9	115.8	13.9	11.1
24	1014.6	18.2	13.1	11.5	27	13	8	5	02	1	4.7	99.1	0.2	116.0	13.2	11.2
25	1017.0	18.9	12.3	11.4	02	05	8	5	02	1	2.3	101.4	0.1	116.1	13.2	11.4
26	1013.2	18.0	8.5	7.1	02	24	8	5	50	1	8.0	109.4	0.0	116.1	12.9	11.4
27	1008.8	17.1	7.9	7.5	02	09	8	5	51	1	1.3	110.7	0.0	116.1	12.0	11.5
28	1008.4	17.0	11.4	11.1	16	09	8	5	10	1	3.1	113.8	0.5	116.6	11.7	11.5
29	1008.6	16.5	12.1	10.2	18	05	7	7	02	1	9.3	123.1	3.5	120.1	12.4	11.5
30	989.7	16.9	13.3	12.8	16	05	8	7	02	1	6.6	129.7	0.6	120.7	13.0	11.5
31	1002.3	16.9	12.2	11.4	20	13	8	6	02	1	0.1	129.8	0.5	121.2	13.2	11.5

TEMPERATURE

MAX.

MIN.

GRASS.
MIN.VAPOUR
PRESSUREDEW
POINT

REMARKS :-

12.2	6.7	1.0	c 05 at obs, 1200°C 05, 1600°C 05, Broken sun early evening, 1900°C 05, 2100°C 05	
12.0	0.5	6.4	bc 02 sunny at obs, sunny morn, 1200°C 02, 1300 pho 0 02, 1600" bc 05 sunny, 1800" bc 05, 2000" bc 05,	
11.4	0.6	-5.0	bc 02 sunny at obs, Broken sunny morn, 1200" bc 05, 1600" bc 05, Broken sun after, 2000" bc 02.	
13.4	4.3	-1.7	bc 05 at obs, Broken sunny morn, 1200" bc 05, 1600 c 05, 2000" bc 05 mild evening, 2200" c 05,	
15.8	6.9	3.0	bc 05 sunny at obs, Broken sunny morn, 1200" bc 05, 1600" c 05, sunny spells, 1800" bc 02 sunny, 2200" bc 05	
16.7	7.6	2.1	C 05 mild at obs, 1200" c 05, Broken sun after, 1600" bc 05, 2000" bc 05, 2200" b 05	
19.4	4.0	-1.3	b 05 Haze sunny at obs, sunny morn, 1300" bc 05, sun after, 1600" bc 05, 2000" bc 02, 2200" bc 02	
15.3	6.7	0.8	c 05 Haze at obs, Sunny spells morn, 1200" bc 05, 1600" bc 05, 1800" o 02, 2200" o 05	
14.4	6.3	0.7	c 05 at obs, 0920"-1430" sunny, 1130" bc 09, 1400" bc 09, 1800" c 09, 2200" c 09.	
15.6	7.0	3.7	bc 05 at obs sunny, 1200" bc 09, 1600" o 09, 1655" pro, 2000" o 05, 2150"-2330" RR	
19.6	7.9	4.8	bc 05 sunny at obs, 11020" pro, Broken sunny morn, 1300" bc 05, sunny, 1600" b 05 sunny, 2000" bc 05, 2200" b 05.	
17.6	6.8	0.6	bc 09 sunny at obs, Broken sunny morn, 1200" bc 09 sunny, 1600" b 09 sunny, 1830" bc 05 sunny, 2200" bc 05	
11.2	6.8	2.5	C 09 at obs, 1200" c 05, 1500" c 05, 1505"-1830" roro, 1830"-2200" rr, 2200"-0001" RR.	
7.4	2.1	1.5	0001"-0415" RR, 0415" 0900" rr, C 09 b3 at obs, 0930"-1420" rr 0 09, 1420"-1730" RR 013, 1730"-2000" rr 013, 2010"-0001" rr.	
10.8	3.0	2.7	0001"-0240" rr, 0240"-0400" roro, bc 09 sunny at obs, Broken sun morn, 13, 1230" ph, Broken sun after, 1600" bc 13, 1650" PR, 2000" b 13	
12.7	4.4	0.5	c 13 sunny at obs, Broken sunny morn, 1250" PR, 1410" PR, 1515" ph, 1650"-1800" pro, 1700" ph, 1850"-2020" rr 2020"-2100" RR, 2100"-0001" rr.	
14.3	7.2	5.9	0001"-0900" rr, 0 02 b3 at obs, 0900"-1040" rr, 1040"-1150" rR, 1200" o 13, 1230" pr, 1340" PR 013, 1600" o 13, 1930"-2105" rr, 2105" PR 13	
14.1	5.5	4.9	GALE 37 during night, c 24 at obs, Broken sunny morn, 1200 bc 19, sunny after, 1510" c 13 PH, 2000" bc 13, 2200" c 13	
14.0	5.6	1.5	0820"-0900" b3, 0 02 b3 at obs, 0900"-1020" rr, 1300" bc 09, Broken sun after, 1600" bc 05, 2000" c 05, 2010"-2035" rr.	
16.7	3.1	-1.7	b 05 sunny at obs, Sunny morn, 1200" bc 05, 1600" bc 05, 2000" bc 05 sun, 2200" c 05.	
17.0	5.7	-0.5	C 02 at obs, Broken sun morn, 1200 bc 02 sunny, Sunny after, 1600" bc 02, Sun evening 05, 2200" bc 05,	
13.5	9.7	6.4	C 13 at obs, 1200" c 05, 1600" bc 02, Broken sun early evening, 2000" bc 02, 2200" bc 05.	
17.5	8.9	6.2	o 05 at obs, Broken sunny morn, 1200" bc 05, Broken sunny after, 1600" bc 02, 2000" c 05, 2200" c 09.	
16.1	10.7	9.2	o 13 at obs, 1200" bc 09, 1500" o 13, 1505"-1550" roro, 1550"-1910" ir, 2000" o 13, 2200" o 13 (Thunder 1945")	
15.3	10.8	10.1	0001"-0030" ir, o 05 at obs, 1200" o 05, 1330" short sun, 1600" o 09, 1850" pro 2015"-2120" o 09 pro, 2200"-2359" rr.	
11.4	7.6	7.2	0000"-0025" roro, 0 mild breezy morn, 1025"-1110" rr, 1200" o, 1600" roro, 1700"-1755" rr, 2100" c 09, 2110"-2359" rr.	
11.8	6.5	6.9	0000"-0220" rr, 0630"-0800" rr, 0800"-0900" dodo, 0 09 at obs, 1020"-1400" dodo 0 05, 1600" o 09, 2010"-2330" dodo 0 09.	
15.4	7.4	8.5	0 09 mist at obs, 1100" sunny spells, 1200" o 09, 1250" Broken sun after, 1600" bc 09, 1740"-2300" rr, 2300"-2350" iro.)	
16.0	8.9	7.1	C 05 at obs, Broken sunny morn, 1200" bc 09, Broken sun after, 1600" bc 09, 1740"-2300" rr, 2300"-2350" iro	
16.6	10.3	10.8	0001"-0010" ir, 0220"-0540" RR, 0 05 at obs, 1100" PR, 1200" bc 05, 1210" pr, 1530"-1910" ir, 2000" o 09, 2200" o 13	
14.7	10.4	9.8	0230"-0410" roro, 013 at obs, Overcast morn 09, 1200" bc 09, Broken sun after, 1600" bc 13, 2000" bc 13, 2200" bc 09	
			1250" pr, 1410" pr, 1506" o 05, 1610" pr, 1710"-1800" rr, 1800"-2000" ir, 2200" c 05	

1993.

MAY

HAIL

THUNDER

FOG qm

FOG 0-24

AIR FROST

GROUND FROST

GALE

MAY

1993

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31

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TOTAL RAIN FALL

5.11ins (129.8mm)

TOTAL SUNSHINE

121.2HRS

MAX TEMP

19.6°C on 11th

MIN TEMP

0.6°C on 3rd

LOWEST MAX

7.4°C on 14th

HIGHEST MIN

10.8°C on 25th

MEAN MAX

14.5°C

MEAN MIN

6.4°C

MEAN TEMP FOR MONTH

10.4°C

MIN GRASS TEMP

-5.0°C on 3rd

HIGHEST BAR M.S.L

1032.3mb on 4th

LOWEST BAR M.S.L

989.7mb on 30th

HIGHEST DAILY RAINFALL

36.4mm on 13th

HIGHEST DAILY SUNSHINE

11.3HRS on 2nd

2

1

1

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5

1

METEOROLOGICAL
OBSERVATIONS

19 ⁹³ June	BAR.	ATT. THER.	DRY	WET	ANEOMETER		CLOUD	VIS.	PRESENT WEATHER	STATE OF GROUND	RAINFALL		SUNSHINE		EARTH TEMPERATURE	
					DIR.	FORCE					DAILY	TOTAL	DAILY	TOTAL	30cm.	100cm.
1	1009.1	18.1	14.1	12.9	18	05	8	6	50	1	7.1	7.1	0.0	0.0	13.0	11.6
2	1008.0	18.4	13.0	12.8	27	05	8	7	02	1	6.8	13.9	2.2	2.2	13.3	11.7
3	1018.0	19.1	14.0	11.9	18	05	6	8	02	1	tr	13.9	3.7	5.9	13.9	11.9
4	1017.3	18.6	14.0	11.9	18	09	5	7	02	1	0.3	14.2	2.2	8.1	14.2	12.0
5	1025.1	18.0	13.0	10.6	23	02	3	8	02	1	0.0	14.2	10.2	18.3	13.6	12.1
6	1020.8	18.8	15.4	13.5	20	05	3	8	02	1	0.0	14.2	2.8	21.1	14.6	12.2
7	1017.4	19.7	16.0	12.9	18	13	6	8	02	1	0.2	14.4	1.0	22.1	14.9	12.4
8	1016.7	20.1	14.8	13.8	18	09	8	6	02	1	0.0	14.4	3.7	25.8	15.1	12.5
9	1013.0	20.6	13.9	13.6	18	05	9	4	10	1	tr	14.4	0.6	26.4	15.8	12.8
10	1007.3	21.0	15.8	15.7	16	02	9	3	61	1	13.5	27.9	0.0	26.4	16.0	12.9
11	1006.8	20.8	12.4	11.9	16	05	8	5	61	1	14.6	42.5	0.0	26.4	16.1	13.1
12	1011.5	19.4	12.9	12.5	16	05	8	5	80	1	0.1	42.6	0.0	26.4	15.0	13.3
13	1018.4	18.7	11.9	11.0	16	02	8	5	80	1	7.3	49.9	0.0	26.4	14.7	13.2
14	1013.5	18.4	11.0	10.6	05	05	8	5	61	1	0.2	50.1	4.6	31.0	14.6	13.2
15	1021.6	18.4	13.6	12.0	23	13	8	8	02	1	4.1	54.2	0.1	31.1	15.1	13.2
16	1019.3	19.2	13.7	12.4	23	05	8	8	02	1	0.1	54.3	3.8	34.9	15.0	13.3
17	1016.8	19.6	15.1	13.0	23	09	7	7	02	1	3.4	57.7	0.4	35.3	15.7	13.4
18	1007.6	19.9	14.4	12.9	20	06	6	8	02	1	3.6	61.3	6.0	41.3	15.6	13.5
19	1010.8	19.0	13.6	11.6	20	09	7	8	02	1	3.3	64.6	4.2	45.5	15.7	13.6
20	1022.7	19.1	12.5	11.3	29	05	7	6	02	1	tr	64.6	0.6	46.1	15.8	13.6
21	1023.1	20.0	14.2	11.3	23	05	7	8	02	1	tr	64.6	0.1	46.2	15.7	13.7
22	1022.4	20.0	14.1	12.4	20	05	7	8	50	1	0.0	64.6	7.7	53.9	15.6	13.8
23	1015.9	20.5	13.5	11.0	34	05	6	8	02	1	0.0	64.6	1.2	55.1	15.5	13.9
24	1025.6	19.8	12.7	10.1	36	02	7	8	02	1	0.0	64.6	3.7	58.8	14.9	13.8
25	1025.8	20.4	15.0	11.0	18	09	7	8	02	1	0.2	64.8	1.3	60.1	15.0	13.9
26	1021.0	19.0	15.8	14.7	27	09	8	8	02	1	0.0	64.8	5.2	65.3	15.1	13.8
27	1024.4	19.5	15.3	12.3	27	00	6	8	02	0	0.0	64.8	11.8	77.1	15.8	13.8
28	1020.7	21.3	21.2	17.7	16	02	4	8	02	0	0.1	64.9	8.5	85.6	17.6	14.0
29	1018.6	22.4	16.7	15.4	00	00	8	8	10	1	0.0	64.9	0.1	85.7	18.4	14.2
30	1021.5	22.6	13.9	12.4	36	02	8	8	02	0	0.0	64.9	2.6	88.3	18.0	14.5
31																

TEMPERATURE

MAX.

MIN.

GRASS.
MIN.

REMARKS:

15.8	10.0	5.0	0.05 50 at obs, / 0905"-0940"rr, 1015"-1030"rr, 1200" o.05, 1210"-1340"rr, 1340-1405 c.o., 1600" o.05, 2000" o.05, 2200" o.05.
17.9	11.5	10.7	0200"-0500" c.o., 0500"-0810"rr, 0.05 at obs, / 0940"-1015"rr, 1200" c.05, Broken sun after, 1600" bc 05, 1650"-1750"rr, 2000" o.05 HAZE, 2040"-2310"ir.
18.4	10.5	11.4	0040"-0130"ir, c.05 at obs, / 1050"-1400" Broken sun, 1200" bc 05 sunny, 1600" bc 05 sunny, 2000" bc 05, 2200" bc 05.
15.7	11.3	10.1	bc 09 at obs, / 1200" bc 09, 1530"-1610"rr, 1655"-1800" sunny c.05, 2100" c.05, 2300" c.05.
18.4	6.1	0.5	bc 02 sunny at obs, / 1200" bc 02 sunny, 1600" bc 02 sunny, 2000" c.02, 2200" c.02.
17.5	7.5	3.9	bc 05 at obs, / Broken Sun morn, 1200" bc 05, 1600" c.09, 1620"-1710" Broken sun, 2000" c.09, 2200" c.09.
18.3	12.5	11.4	c.13 at obs. / Broken sun 0905-1000", 1200" bc 05, 1600" c.09, 1800" Broken sun, 2000" pr c.09, 2200" bc 09
20.5	12.6	10.5	0.09 at obs, 1030"-1420" Broken sun, 1200" c.09, 1600" c.09, 1610"-1710" Broken sun, 2000" c.09.
19.6	11.1	9.5	Fog 4 05 at obs, / 1100"-1300" HAZE sun, 1200" o.05, 1600" o.02 HAZE, 2000" c.05 HAZE, 2200" c.05 HAZE.
19.6	12.8	10.9	O. mild foggy morn, c.o. at obs, 1200" o.05, 0.1600" o.2 10, 1730"-1750", thunder + lightning 82, 2000" o.0210", 2200" o.05,
13.8	11.8	12.0	0.05 61 at obs, / 61-0920", 1110" 80, 1200" o.05 rr, 1240", 1450"-1655rr, 1655"-2000"rr, 2100" o.09, 2150"-2220"ir.
14.2	11.3	11.3	0.05 80 at obs, / 1200" o.05, 1600" bc 05, 2000" bc 05, 2200" o.05
14.3	10.6	10.5	0.02 80 at obs, / 0950" pr, 1200" o.05, 1600" o.02, 2000" o.05, 2200" o.05.
16.5	9.6	10.0	o.05 c.o. at obs, / 1200" c.05 Broken sun, 1220"-1650" sunny bc 05, 2000" bc 05, 2200" c.05
17.0	10.5	8.9	0.13 at obs, / 1030"-1110"rr, 1200" o.09, 1210"-1300"rr, 1600" c.09, 2000" bc 09, 2200" c.05,
19.1	11.3	8.8	0405" pr, Broken sun, c.09 at obs, / 1200" c.05, 1600" c.05 pr, 1640"-1730"ir, 1730"-1920" c.o., 1900" o.02, 2020"-2310"ir.
16.6	12.0	10.3	0050" pr, 0510" pr, c.05 at obs, / 1135" pr, 1200" bc 09 sunny, 1220" pr, 1300" pr, 1450" pr, 1600" bc 13 sunny, 1720" pr, 2100" bc 13
17.8	11.1	11.3	c.09 at obs, / 1040" pr, Broken sun, 1200" bc 09 sunny, 1220" pr, 1300" pr, 1450" pr, 1600" bc 13 sunny, 2000" bc 09 2200" bc 09.
16.4	10.4	8.2	c.05 at obs, / 1200" bc 05, 1600" c.09, 2000" bc 09, 2200" c.05 mild day and evening.
14.4	10.5	8.1	c.05 at obs, / 1200" o.05, 1900" bc 02, 2100" bc 02, 2100" bc 02,
15.5	10.0	9.5	Broken sunny morn, c.05 50 at obs, Broken sun morn, 1200" bc 05, long sunny periods after, 1600" bc 05 2000" b.05, 2200" b.05,
16.9	11.1	8.4	c.05 at obs, 1200" bc 05, 1600" c.05, 1700" c.09, 1900" c.02
15.9	7.4	2.4	bc mild morn, c after noon bc evening
16.0	5.9	1.7	c mild morn, Sunny periods after obs, Po 1830" otherwise dull mild day
16.7	6.1	2.6	c mild morn, Sunny at noon bc, warm sunny after + evening
19.1	12.0	6.3	c mild sunny periods before obs, / b long sunny spell
22.8	11.3	9.2	bc warm morn, bc afternoon long sunny spell obs, - 1430", c 1700", O. evening.
23.2	12.4	9.6	O misty calm morn, ir 0715", o day dull evening.
21.2	14.5	13.6	O. mild morn, mainly cloudy, short sunny periods late afternoon and evening
17.3	12.2	12.4	16 th June 1993 0.05 at obs, / 1200" c.09 Broken sun, 1305"-1730" Broken sun, 1600" bc 09, 2000" bc 09, 2200" c.05

1993

June

HAIL

THUNDER

Fog 9h

Fog 0h-24h

AIR

FROST

GROUND
FROST

GALE

JUNE 1993

TOTAL RAINFALL

64.9 mm.

TOTAL SUNSHINE 88.3 HRS

MAX. TEMP. 23.2°C on 28thMIN. TEMP. 5.9°C on 24thLOWEST MAX. 13.8°C on 11thHIGHEST MIN. 14.5°C on 29th

MEAN MAX 17.5°C

MEAN MIN 10.5°C

MEAN TEMP FOR MONTH 14°C ✓

MIN GRASS TEMP 0.5°C on 5thHIGHEST BAR M.S.L 1025.8 mb on 25thLOWEST BAR M.S.L 1006.8 mb on 11thHIGHEST DAILY RAINFALL 14.6 mm on 11thHIGHEST DAILY SUNSHINE 11.8 HRS on 27th

19 ⁹³ 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	1024.0	22.0	13.6	11.3	23	02	7	8	02	1	0.1	0.1	0.6	0.6	16.8	14.7
2	1020.8	21.3	13.8	12.0	20	13	8	7	03	1	0.0	0.1	0.3	0.9	16.7	14.7
3	1019.2	20.5	16.3	15.7	23	13	8	7	50	1	0.2	0.3	0.4	1.3	16.5	14.7
4	1023.7	20.2	15.4	14.3	23	09	8	8	50	0	0.0	0.3	3.1	4.4	16.6	14.7
5	1022.1	20.3	13.3	10.8	36	09	8	8	02	0	0.0	0.3	3.3	7.7	16.3	14.7
6	1033.6	20.1	13.2	10.6	02	09	8	8	02	1	tr	0.3	2.3	10.0	16.5	14.7
7	1030.3	20.8	15.5	13.5	23	05	7	8	03	1	0.0	0.3	1.2	11.2	16.3	14.8
8	1015.8	20.2	15.6	14.4	23	19	7	7	02	1	2.8	3.1	3.0	14.2	16.4	14.7
9	1005.8	20.5	10.5	08.4	20	13	6	8	50	1	3.1	6.2	5.8	20.0	15.6	14.8
10	1017.8	19.5	11.1	9.3	25	09	6	8	02	1	0.3	6.5	4.4	24.4	15.5	14.7
11	1011.5	19.2	11.5	11.0	27	05	6	8	02	1	0.5	7.0	5.9	30.3	15.4	14.6
12	1020.0	19.1	13.1	12.0	27	09	4	8	02	1	0.6	7.6	6.3	36.6	15.4	14.6
13	1017.5	19.4	13.0	12.1	14	09	8	7	60	1	14.7	22.3	0.0	36.6	15.5	14.6
14	1008.4	19.0	15.9	14.9	18	05	6	7	02	1	7.9	30.2	2.4	39.0	15.4	14.5
15	1005.1	19.9	14.8	14.4	14	09	8	6	80	1	15.3	45.5	0.5	39.5	16.1	14.5
16	1003.9	20.1	15.8	15.5	20	09	8	6	02	1	1.6	47.1	4.0	43.5	16.5	14.5
17	1014.9	20.3	14.0	12.1	20	05	8	7	02	1	0.1	47.2	4.7	48.2	16.6	14.6
18	1010.0	20.4	14.1	13.5	14	06	8	5	02	1	12.9	60.1	0.0	48.2	16.8	14.8
19	1011.5	20.3	14.1	13.9	36	09	7	7	02	1	0.0	60.1	2.6	50.8	16.6	14.8
20	1016.9	20.0	12.5	10.6	36	05	6	8	02	1	0.0	60.1	0.6	51.4	16.8	14.9
21	1018.7	20.6	14.3	12.1	23	05	8	8	02	1	2.3	62.4	1.6	53.0	16.4	15.0
22	1019.3	20.0	13.6	13.1	18	05	7	5	52	1	1.6	64.0	0.1	53.1	16.5	15.0
23	1013.9	20.9	17.3	16.8	23	09	5	6	50	1	2.6	66.6	3.5	56.6	16.7	15.0
24	1010.0	20.1	14.9	12.5	23	09	5	7	02	1	5.1	71.7	7.8	64.4	16.8	15.1
25	1005.3	19.9	13.2	11.5	32	09	4	8	02	1	3.1	74.8	4.8	69.2	16.8	15.1
26	1009.2	20.0	13.5	11.6	18	19	8	7	02	1	2.2	77.0	5.6	74.8	16.4	15.2
27	1005.0	20.0	15.5	14.8	23	13	5	7	02	1	0.1	77.1	1.2	76.0	16.5	15.1
28	1012.5	20.6	14.8	12.5	20	19	7	7	02	1	0.3	77.4	4.6	80.6	16.5	15.1
29	1009.9	21.0	16.5	14.0	20	09	3	7	02	1	0.4	77.8	3.2	83.8	16.8	15.1
30	1011.0	20.4	14.4	12.0	23	19	3	8	02	1	0.4	78.2	6.9	90.7	16.6	15.2
31	1015.5	20.1	13.4	11.6	29	13	6	8	02	1	0.6		1.9	92.6	16.4	15.3

TEMPERATURE			REMARKS:
MAX.	MIN.	GRASS MIN.	
17.3	6.3	2.1	c Some what cooler, at obs,
17.6	12.2	8.4	v cldy cool mod-fresh breeze, at obs cldy dull warm day
20.1	13.5	14.2	c mild nt + morn at obs c bc-c sunny after.
18.2	14.2	13.3	c cooler nt + morn mild at obs c bc-c sunny after
16.7	9.3	6.4	c cooler nt at obs bc 09 Broken sun late after and early evening.
16.1	11.1	8.5	0.09 fresh mild at obs, 1200" o 09, 1300"-1530" Broken sun, c 09, 1900" c 09, 2100" c 05.
19.1	12.6	12.4	0030" id, c 05 mild at obs, 1020"-1150" Broken sun, 1200" bc 05, 1310" sun, 1600" o 05, 1740"-1810" sun, 1900" c 05, 2200" bc 05.
18.1	14.2	13.1	c 19, breezy at obs, 1035"-1050" Broken sun, 1200" c 19, 1230"-1250" PR, 1250" id, 1435"-1710" Broken sun, 2030" bc 09.
13.7	7.6	5.0	c. 09 50 at obs, Broken sunny morn, 1050"-1340" PR, 1200" c 09, Broken sun after, 1435" ph, 1530"-1610" pr, 2000" bc 09.
14.2	8.0	5.8	c. 09 at obs, Broken sunny morn, 1110" pr, 1200" bc 09, Broken sunny after, 1410" pr, 1600" bc 09, 2000" bc 09.
15.2	8.5	4.9	c. 05 at obs, Broken sunny morn, 1130" pr, 1200" bc 09, 1240" id, Broken sun p.m., 1600" bc 09, 1900" rainbow, 2100" bc 05.
17.1	6.0	2.5	bc 09 at obs, Broken sunny morn, 1200" bc 09, Broken sun p.m. 1600" bc 09. 1930" c 05, 2100" c 05.
16.4	10.3	6.9	0 09 60 at obs, overcast morn, 1200" o 09, 1220"-1350" rr, 1600" o 09, 1620" pr, 1700"-1820" rr, 1840"-1940" roro, 2330" pr.
19.6	12.0	12.5	0250"-0320" ir, 0340"-0420" ir, 0540" PR, c 05 sunny at obs, Broken sunny morn, 1200" c 09, 1520"-1550" 81 PR, 1650"-1745" ir, 2000" c 09
19.7	13.9	13.0	0740"-0810" 81 PR, 0.09 80 at obs, 1200" o. 09, 1350"-1440" pr, 1525"-1535" pr, 1800"-1810" PR 81, 1920" 17, 1930" rainbow, 2100"-2145" ir, 2200"-2230" PR 81
20.5	14.0	11.7	0.09 at obs, Broken sunny morn, 1200" bc 09, Broken sunny p.m., 1600" PR c 09, 2000" c 09, 2200" c 05.
18.3	12.3	11.5	0150"-0210" pr, 0.05 at obs, Broken sunny morn, 1200" bc 09, Broken sunny p.m., 1600" bc 09, 2000" c 05.
16.1	11.7	9.1	0335" pr, 0635" pr, 0.05 at obs, 1030"-1230" rr p. 05, 1305"-1605" rr, 0.05, 1730"-2000" rr, 2040" pr, 2330" pr,
18.9	12.6	11.6	0110"-0130" pr, 0.09 at obs, 1200" c 09, Broken sun after, 1600" bc 05, 2000" c 05, 2200" c 05,
14.9	11.0	10.5	slight sun 0830", 0.05 at obs, slight sun morn, 1200" c 05, 1600" o. 05, 2000" c 05, mild evening.
16.2	11.0	9.9	c 05 at obs, 0900"-0930" slight sun, 1030" pr, 1115"-1130" sun, 1200" c 05,
18.6	11.5	8.1	0330"-0500" d.o.d., 0640"-0810" rr, 0.05 52 at obs, 0940" id, 0940" id, 1040"-1130" id, 1200" o. 05, 1600" o. 05, 1940" id, 2200" c 05
20.1	13.3	15.2	0520" id, 0610"-0750" roro, 0.09 50 at obs, 0930" pr 1020" pr, 1130" pr, 1200" bc 09, Broken sunny after, 1350" pr, 2000" bc 09
17.9	10.5	7.1	bc 09 at obs, Broken sunny morn, 1050" pr, 1200" bc, 1300" pr, 1550" pr, Broken sun after, 2000" pr bc 05,
16.0	9.7	7.5	bc 09 at obs, 1030" pr, 1040" pr, 1200" c 13, Broken sun after, 1250" pr, 1355" pr, 1610" pr c 19, 1850" pr c 24 in gusts, 2050" pr, 2210" pr.
16.6	9.6	7.9	bc 19 at obs, 1010" pr, Broken sunny morn, 1220" pr, bc 13, 1850" pr, 2020" pr 0.09, 2145"-0001" roro
17.5	11.8	12.0	0010"-0400" roro, 0.13 at obs, 1000" slight sun, 1200" c 13, 1600" bc 13, Broken sun late after, 1910" pr, 2100" o 19
18.5	12.4	10.5	bc 19 at obs, Broken sun morn, 1200" 09 bc, Broken sun after, 1600" bc 09, 2000" c 09, 2200" c 02
16.9	14.0	13.1	0340" pr, c 09 at obs, 1040" pr, slight sun, 1200" o. 05, 1400" c 05, Broken sun p.m., 1600" bc 05, 2000" c 05
17.2	10.7	5.6	Sunny spells before obs, bc 19 fresh at obs, sunny spells am. 1200" bc 13, Broken sun after, 1540" pr, 2000" c 09 mild evening.
15.2	10.5	9.8	0250" [redacted] c 13 at obs, Broken sun a.m., 1010" pr, 1120" pr, 1200" c 13, 1600" pr, c 13, 2000" c 09, 2200" c 09.

19.93

July

 SNOW
OR
SLEET
SNOW
LYING
9H
SNOW
LYING
OH - 24H

HAIL

THUNDER

Fog 0900

Fog 04-24h

AIR FROST

GROUND
FROST

GALE

July 1993

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

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19

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28

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31

TOTAL RAINFALL 78.8mm 3.10ms

TOTAL SUNSHINE 92.6 HRS

MAX. TEMP 20.5°C on 16thMin. TEMP 6.0°C on 12thLOWEST MAX TEMP 13.7°C on 9thHIGHEST Min TEMP 14.2°C on 4th and 8th

MEAN MAX 17.3°C

MEAN Min. 11.1°C

MEAN TEMP FOR MONTH 14.2°C ✓

Min GRASS TEMP 2.1°C on 1stHIGHEST BAR M.S.L. 1033.6 on 6thLOWEST BAR M.S.L. 1003.9 on 16thHIGHEST DAILY RAINFALL 15.3mm on 15thHIGHEST DAILY SUNSHINE 7.8 HRS on 24th

19 ⁹³ 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	1006.4	19.8	15.1	13.5	18	13	7	8	02	1	5.4	5.4	2.3	2.3	16.2	15.2
2	1007.4	19.8	14.7	13.0	20	19	7	8	02	1	2.0	7.4	3.5	5.8	16.1	15.1
3	1009.2	19.2	13.6	12.6	20	19	6	8	02	1	0.4	7.8	3.2	9.0	16.1	15.1
4	1015.2	19.2	13.6	12.1	23	05	8	8	02	1	9.7	17.5	2.6	11.6	16.1	15.1
5	1017.8	20.0	14.4	12.2	36	09	3	8	02	1	0.5	18.0	9.6	21.2	16.1	15.1
6	1020.4	20.4	14.8	14.1	20	05	7	8	02	1	0.4	18.4	1.0	22.2	16.4	15.1
7	1017.4	20.0	14.1	13.6	23	09	8	7	50	1	0.3	18.7	1.0	23.2	16.4	15.1
8	1018.9	19.9	13.9	12.0	23	13	8	6	50	1	8.4	27.1	0.7	23.9	16.4	15.2
9	1010.0	21.1	15.4	14.6	23	09	7	7	02	1	tr	27.1	3.1	27.0	16.4	15.1
10	1012.1	20.1	13.9	11.7	27	05	4	8	03	1	12.8	39.9	3.6	30.6	16.1	15.2
11	0998.7	20.1	11.9	11.8	16	09	8	5	50	1	4.6	44.5	1.3	31.9	15.7	15.1
12	1005.2	20.2	11.1	10.4	22	05	4	8	02	1	0.3	44.8	8.2	40.1	15.4	15.1
13	1006.2	19.4	11.9	10.4	18	09	6	8	02	1	1.4	46.2	3.7	43.8	15.0	15.0
14	1012.4	19.0	13.1	12.8	18	09	8	6	60	1	10.6	56.8	0.1	43.9	15.0	15.0
15	1015.6	18.2	11.4	10.9	18	05	3	8	02	1	0.0	56.8	5.4	49.3	14.8	14.9
16	1024.3	19.1	13.5	11.8	18	02	3	8	02	1	0.0	56.8	10.4	59.7	15.1	14.8
17	1029.7	20.1	14.9	12.5	18	05	4	8	02	1	0.0	56.8	6.2	65.9	15.2	14.8
18	1025.4	20.0	15.0	13.4	18	09	7	6	02	1	0.0	56.8	0.3	66.2	15.6	14.8
19	1024.5	20.1	15.1	13.1	18	02	5	7	03	1	0.0	56.8	2.2	68.4	15.6	14.9
20	1021.1	20.8	14.8	12.9	23	05	7	7	03	1	0.2	57.0	1.7	70.1	16.0	14.9
21	1022.1	20.0	14.0	11.6	23	05	5	8	02	1	0.0	57.0	2.7	72.8	15.9	15.0
22	1016.6	19.8	12.5	10.5	36	09	6	7	02	1	0.0	57.0	10.4	83.2	15.6	15.0
23	1023.7	19.4	12.7	10.8	36	13	4	7	02	1	0.5	57.5	9.4	92.6	15.5	15.0
24	1026.5	19.8	13.2	10.4	36	13	4	8	02	1	0.0	57.5	5.1	97.7	15.4	15.0
25	1026.2	19.4	13.2	10.7	32	09	8	7	02	1	0.0	57.5	2.1	99.8	15.6	15.0
26	1026.3	20.0	13.1	11.3	36	02	6	8	02	1	0.0	57.5	5.7	105.5	15.4	15.0
27	1026.2	19.9	13.4	12.1	36	02	8	7	02	1	0.0	57.5	7.5	113.0	15.7	15.0
28	1026.4	20.1	13.2	13.0	18	09	2	8	02	1	0.3	57.8	8.6	121.6	16.0	15.0
29	1025.6	20.4	14.6	14.2	23	09	8	6	50	1	0.0	57.8	0.0	121.6	16.0	15.0
30	1027.1	19.9	13.6	13.0	23	05	5	7	02	1	tr	57.8	9.5	131.1	15.5	15.0
31	1029.3	20.8	13.1	13.0	36	05	9	4	43	1	0.0	57.8	9.3	140.4	16.1	15.0

TEMPERATURE

MAX.	MIN.	GRASS. MIN.	REMARKS:
19.1	12.1	10.5	c 13 at obs, 1200 ^h bc 13 sunny, Broken sun until 1520 ^h , 1600 ^h c 13, 2000 ^h c 13, 2030 ^h pr, 2200 ^h pr.
16.9	11.6	9.5	0030 ^h -0055 ^h pr, 0140 ^h -0510 ^h pr, c 19 at obs, 1200 ^h c 19, 1230 ^h pr, 1350 ^h pr, Broken sun, 1600 ^h o. 13, 1650 ^h -1720 ^h pr, 1810 ^h -1830 ^h pr, 2000 ^h c 09.
17.0	11.4	9.6	0050 ^h pr, 0215 ^h pr, 0555 ^h pr, c 19 at obs, Broken sunny morn, 1200 ^h bc 19, 1230 ^h pr, 1320 ^h pr, 1340 ^h pr, Broken sun pm, 1600 ^h c 13, 2000 ^h c 09.
17.7	9.8	4.6	Broken sun 0700 ^h , 0.05 at obs, c morn, 1200 ^h bc 09, Broken sun, 1600 ^h c 09, 1650 ^h -1835 ^h pr, 1920 ^h pr, 2100 ^h o. 09, 2130 ^h -2250 ^h rr.
18.7	8.5	4.9	Sunny spell before obs, bc 09 at obs, long sunny spells, 1200 ^h bc 09, sunny spells pm, 1700 ^h bc 05, 2100 ^h bc 05
17.8	12.6	10.0	0600 ^h -0710 ^h dade, c 05 at obs, Broken sun morn, 1200 ^h c 05, 1530 ^h pr, 1600 ^h c 05, 2000 ^h c 05.
16.7	14.2	10.0	0605 ^h -0640 ^h id, 0725 ^h pr, 0.09 at obs, 1200 ^h c 09, short sunny spells, 1600 ^h c 09, 2000 ^h c 05,
18.2	11.0	10.6	0300 ^h -0330 ^h dade, 0.13, 50 at obs, 1200 ^h c 13, 1600 ^h c 13 Broken sun, 2000 ^h o. 09, 2200 ^h o. 05.
17.4	12.4	12.6	0005 ^h -0320 ^h rr, c 09 at obs, Broken sun morn, 1200 ^h c 09, 1300 ^h c 19, Broken sun pm, 1600 ^h c 13, 2000 ^h bc 13, 2200 ^h b 09
15.6	9.4	6.1	0730 ^h b 05, bc 05 03 sunny at obs, Broken sun morn, 1200 ^h c 09, 1600 ^h c 09, 2000 ^h bc 09, 2200 ^h b 05,
14.9	10.1	8.9	0050 ^h -0240 ^h rafe, 0330 ^h -0600 ^h rr, 0600 ^h -0730 ^h rafe, 0.09 50 at obs, Broken sun, 1200 ^h bc 09, 1600 ^h c 09, slight sun pm, 2000 ^h c 09, 2200 ^h o. 09.
15.4	8.3	3.7	0330 ^h -0640 ^h rr, bc 09 at obs, 0956 ^h pr, sunny spells am, 1200 ^h bc 09 sunny spells p.m., 1600 ^h bc 09, 2000 ^h b 09.
16.7	7.2	3.9	c 09 at obs, sunny morn, 1200 ^h bc 09, 1600 ^h bc 09, 2000 ^h c 09, 2155 ^h pr, 0.05.
15.7	11.5	10.4	o 09 60 at obs, 1200 ^h o. 09, 1300 ^h pr, 1530 ^h -1600 ^h pr, 0.09, 1600 ^h -1940 ^h rr, 2200 ^h bc 05.
17.0	5.6	1.0	bc 05 sunny at obs, sunny morn, 1200 ^h bc 05, 1600 ^h c 05, slight sun p.m., 2000 ^h c 05, 2200 ^h bc 05
18.5	7.6	3.1	bc 02 sunny calm at obs, calm sunnymorn, 1200 ^h bc 05, Broken sunny after, 1600 ^h bc 05, 2000 ^h bc 05
19.3	6.2	2.3	sunny before obs, bc Ci-St 05 at obs, slight sun a.m. 1200 ^h bc Ci-St 05, Broken sun p.m. 1600 ^h bc 05, 2000 ^h bc Ci-St 05.
17.9	12.5	9.9	c Ci-St 09 at obs, fine mild morn, 1200 ^h c 05, 1600 ^h c 02 HAZE, 1800 ^h slight sun, 2200 ^h bc 02.
17.8	11.6	9.6	bc Cu-Nb 02 at obs, slight sun morn, 1200 ^h c 05, 1600 ^h c 05, mild evening, 2000 ^h c 05, 2200 ^h o. 02.
17.0	12.4	7.8	c Cu-Nb 05 at obs, 1200 ^h c 05 Cu-Nb, 1600 ^h c 05, 1620 ^h pr, 1730 ^h pr, 2000 ^h c 05.
16.6	10.5	8.3	bc Cu-Nb 05 sunny at obs, short sunny spell a.m., 1200 ^h c 05, 1600 ^h bc 05 sunny, 2000 ^h bc 05.
15.5	9.8	8.4	c Cu-Nb 09 at obs, Broken sunny morn, 1200 ^h bc 13, long sunny period, 1200 ^h -1810 ^h , 2000 ^h bc 09
16.7	6.9	3.1	bc Cu-Nb 13 sunny at obs, Broken sunny morn, 1110 ^h pr, 1200 ^h bc 13 mostly sunny, 1600 ^h bc 13, 2000 ^h bc 09.
15.6	9.2	5.6	bc Cu 13 sunny at obs, Broken sun morn, 1200 ^h bc 13, Broken sun after, 1600 ^h c 13, 2000 ^h c 09.
16.0	10.8	9.1	o Cu-Nb 09 at obs, slight sun a.m., 1200 ^h c 09, sunny spell after, 1600 ^h c 09, 2000 ^h c 05
17.0	10.1	9.1	c Cu-Nb 02 at obs, Broken sun morn, 1200 ^h c 02 calm, Broken sun after, 1600 ^h bc 02, 1800 ^h bc 02 2000 ^h c 02
19.6	10.2	6.6	o Cu-Nb 02 at obs, sunny morn, 1200 ^h bc 05, sunny after, 1600 ^h c 05 warm evening 2000 ^h c 05,
18.6	8.9	4.6	c Ci 09 sunny at obs, warm sunny morn, 1200 ^h bc 09, Broken sun after, 1600 ^h bc 09, 2000 ^h c 05, 2200 ^h c 05.
18.0	12.7	8.0	0710 ^h -0730 ^h id, 0800 ^h id, o Cu-Nb 09, 05 at obs, 1200 ^h o Cu-Nb 09, 1600 ^h o. 09, 2000 ^h bc 05, 2000 ^h c 05,
20.8	8.4	4.0	bc Cu-Nb 05 sunny at obs, sunny warm morn, 1200 ^h c 05 sunny after, 1600 ^h c Ci 05, 2000 ^h c Ci 05
23.5	10.5	6.4	pog 43 at obs, sunny warm morn, 1200 ^h b 05, sunny warm after, 1600 ^h b 02 sunny, 2000 ^h b 02, 2200 ^h b 02.

543.2

314.3

1993

AUGUST

SNOW
OR
SLEETSNOW
LYING
9hSNOW
LYING
0-9-24h

HAIL

THUNDER

Fog 9h

Fog
0-9-24hHic
9hGround
Frost

GALE

AUGUST 1993

TOTAL RAINFALL 57.8 mm 2.27 ins

TOTAL SUNSHINE 140.4 HRS

MAX TEMP 23.5°C on 31stMIN TEMP 5.6°C on 15thLOWEST MAX TEMP 14.9°C on 11thHIGHEST MIN TEMP 14.2°C on 7th

MEAN MAX 17.5°C

MEAN MIN 10.1°C

MEAN TEMP FOR MONTH 13.8°C 13.75

MIN GRASS TEMP 1.0°C 15thHIGHEST BAR M.S.L 1029.7 on 17thLOWEST BAR M.S.L 1005.2 on 12thHIGHEST DAILY RAINFALL 12.8 mm on 10thHIGHEST DAILY SUNSHINE 10.4 HRS on 16th + 22nd

1

1993	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.
SEPTEMBER																
1	1030.7	21.8	17.1	15.9	20	02	4	6	10	1	0.0	0.0	8.7	8.7	16.6	15.1
2	1030.5	22.0	15.5	14.1	36	05	6	7	02	1	0.2	0.2	2.4	11.1	16.6	15.1
3	1029.6	20.8	13.6	13.1	36	05	7	7	02	1	0.0	0.2	0.3	11.4	16.5	15.2
4	1023.6	20.2	11.6	11.0	36	05	8	7	02	1	0.0	0.2	1.1	12.5	15.8	15.2
5	1023.7	19.4	11.0	10.0	18	05	8	7	02	1	0.0	0.2	1.9	14.4	15.6	15.3
6	1016.9	19.1	13.5	12.1	14	05	6	5	10	1	0.0	0.2	4.4	18.8	15.1	15.1
7	1006.2	19.4	14.0	12.6	02	24	6	5	10	1	12.8	13.0	0.4	19.2	15.3	15.1
8	998.4	18.9	11.1	11.0	02	19	8	5	63	2	9.0	22.0	0.0	19.2	15.0	15.0
9	993.3	18.9	15.4	14.9	02	02	8	5	10	1	34.9	56.9	0.6	19.8	14.9	14.9
10	994.9	19.0	13.0	12.5	34	09	8	6	60	2	0.8	57.7	0.1	19.9	15.3	14.9
11	1004.5	17.8	12.9	11.9	23	05	6	7	02	1	0.1	57.8	7.9	27.8	14.6	14.9
12	1007.6	17.5	8.3	7.9	25	05	3	7	02	1	tr	57.8	3.9	31.7	14.1	14.8
13	1002.8	18.0	13.0	11.6	02	13	8	7	62	1	0.9	58.7	0.3	32.0	14.0	14.6
14	1005.6	18.0	11.4	9.9	02	19	7	7	02	1	2.2	60.9	3.6	35.6	13.9	14.6
15	1005.5	18.3	10.3	9.0	02	13	7	7	02	1	tr	60.9	0.5	36.1	13.7	14.5
16	1011.7	19.2	8.6	8.3	02	02	5	6	02	1	0.0	60.9	3.9	40.0	13.3	14.4
17	1016.5	18.2	11.0	9.7	0.2	05	3	7	02	1	0.0	60.9	4.0	44.0	13.4	14.3
18	1016.3	20.0	13.5	11.7	18	09	4	7	02	1	9.1	70.0	0.2	44.2	13.5	14.1
19	1007.2	19.2	13.4	12.9	18	24	8	5	51	1	0.4	70.4	5.5	49.7	13.6	14.1
20	1007.3	20.4	15.2	14.7	18	13	4	7	02	1	2.9	73.3	8.8	58.5	14.1	14.0
21	1007.4	21.8	13.0	12.0	18	19	5	6	02	1	2.2	75.5	6.0	64.5	14.3	14.1
22	1014.0	20.2	8.5	8.4	18	02	9	2	45	1	0.2	75.7	3.0	67.5	14.1	14.1
23	1018.9	20.1	9.0	9.0	18	02	9	2	45	1	3.5	79.2	5.4	72.9	14.0	14.1
24	1015.3	19.4	11.0	10.8	20	02	8	6	02	1	tr	79.2	4.1	77.0	14.1	14.0
25	1017.8	18.9	10.0	9.0	18	05	4	8	02	1	6.2	85.4	3.4	80.4	13.6	14.1
26	1024.5	17.9	8.3	8.2	16	05	2	6	02	1	tr	85.4	6.4	86.8	13.1	14.0
27	1022.9	18.0	8.9	8.4	18	02	6	7	02	1	0.0	85.4	1.7	88.5	12.7	13.9

TEMPERATURE

MAX.

MIN.

GRASS.
MIN.

REMARKS:

21.5	11.5	7.0	bc St-lent 02 10 at obs, mostly sunny morn, 1200 ^h bc 05, Broken sun after, 1600 ^h bc 05 sunny, 2000 ^h bc 02.
19.6	11.8	6.9	c St-lent 05 at obs, slight sun morn, 1200 ^h c 05, o-cast after, 1600 ^h c 05 sunny, 2000 ^h c 05,
15.6	10.8	8.5	c 05 at obs, slight sun am, 1200 ^h c 05, Dry mild pm, 1600 ^h c 05, 2000 ^h c 05,
17.1	7.6	4.1	o. 05 at obs, 1200 ^h c 05, Dry mild pm, sunny spell, 1600 ^h bc 05, 2000 ^h bc 05.
14.8	6.5	0.5	o. st-Cu 05 at obs, slight sun morn, 1200 ^h c 05 sunny, 1600 ^h c 05, 2000 ^h c 05 10.
16.9	9.0	5.7	c Ci-St 05, 10 at obs, Broken sunny morn, 1200 ^h bc 09, sunny spells after, 1600 ^h c 09, 2000 ^h bc 05,
15.7	10.9	7.8	c A-Cu-St, 24, 10 at obs, slight sun, 1200 ^h c 19, 1430 ^h pr, 1550 ^h -1640 ^h ir, 1740 ^h -1810 ^h ir, 2000 ^h o 13, 2100 ^h -2300 ^h ir.
15.6	11.0	10.8	0310 ^h -0800 ^h rr, 0.02 10 at obs, 0900 ^h -1030 ^h rr, 1200 ^h o 02, 1510 ^h -1720 ^h ir, 1720 ^h -1740 ^h pr, 1740 ^h -1920 ^h ir, 2020 ^h pr, 2230 ^h pr.
17.7	11.0	10.8	0140 ^h pr, 0230 ^h pr, 0340 ^h pr, 0.02 at obs, 1110 ^h pr, 1200 ^h o 09, 1330 ^h pr, 1430 ^h pr, 1550 ^h -1650 ^h rr, 1650 ^h -1830 ^h rr, 1830 ^h -2000 ^h rr, 2050 ^h -2130 ^h ir, 2250 ^h -0001 ^h rr.
14.2	12.7	12.9	0001 ^h -0705 ^h rr, 0.09 60 at obs, 0900 ^h -1005 ^h rr, 1130 ^h pr, 1200 ^h o 13, 1400 ^h pr, 1600 ^h c 13, 1640 ^h slight sun, 2000 ^h bc ci 09
15.2	9.5	6.7	0730 ^h -0900 ^h Broken sun, c Cu-Nb 05 at obs, long sunny periods, 1200 ^h bc 05, Broken sun after, 1520 ^h pr, 1600 ^h bc 09, 2000 ^h bc 05,
13.6	3.5	-0.5	Broken sun before obs, bc Ci 05 at obs, Sunny period am, 1200 ^h c 09, 1230 ^h pr, 1600 ^h c 13, 2000 ^h c 19, 2200 ^h c 13,
15.5	7.9	8.9	o. Cu-Nb 13 62 at obs, 62-0930 ^h , 0930 ^h -1040 ^h pr, 1200 ^h o 13, 1440 ^h slight sun, 1600 ^h c 13, 2000 ^h c 13, 2200 ^h c 09,
13.7	9.8	6.9	0650 ^h pr, c Cu-Nb 19 at obs, Broken sun morn, 1200 ^h bc 13, Broken sun after, 1600 ^h c 13, 1710 ^h pr, 1750 ^h pr, 1830 ^h pr, 2000 ^h bc 09,
12.7	7.7	6.5	0100 ^h -0150 ^h ir, 0150 ^h -0405 ^h rr, c Cu-Nb 13 at obs, 1200 ^h c 09, slight sun pm, 1600 ^h c 09, 2000 ^h c 05
14.0	3.7	-1.0	bc A-Cu Cu-Nb 02 calm sunny at obs, sunny until 1105 ^h , Broken sun, 1200 ^h bc 09, 1600 ^h c 09, 2000 ^h c 09 HAZE
15.5	6.1	2.9	bc Ci 05 sunny at obs, sunny morn, 1200 ^h bc 05, 1600 ^h bc 05, 2000 ^h c 05, 2200 ^h c 05.
15.1	9.8	5.5	bc Ci-St 09 at obs, slight sun, 1200 ^h bc 13, 1515 ^h pr 19, 1935 ^h -2020 ^h ir, 2105 ^h -2220 ^h rr c 24.
18.7	11.9	11.1	o. Nb 24 51 at obs, 51-0930 ^h , Broken sun 1110 ^h , 1200 ^h bc 13 sunny, Broken sun after, 1600 ^h bc 13, 2000 ^h bc 09
19.2	11.6	9.1	bc Cu 13 sunny at obs, sunny morn, 1200 ^h bc 09, sunny after, 1600 ^h bc 09 sunny, 1700 ^h -1730 ^h pr, 1900 ^h pr, 2030 ^h pr, bc 05.
16.1	10.8	7.5	bc st-Cu 19 sunny at obs, sunny morn, 1200 ^h bc 09, Broken sun after, 1340 ^h pr, 1445 ^h -1515 ^h ir, 1550 ^h pr c 09, 1940 ^h -2030 ^h id c 09,
16.5	6.1	3.6	fog 2 02 at obs, fog morn, 1100 ^h fog clearing, slight sun, 1200 ^h bc 05 sunny, 1600 ^h bc 05, 2000 ^h bc 02 10.
16.2	6.4	0.8	fog 2 02 at obs, 1100 ^h fog lifting, sunny spells, 1200 ^h bc 02 sunny, mostly sunny after, 1600 ^h bc 05, 2000 ^h bc 05 10, 2310 ^h pr
15.8	8.5	6.0	0720 ^h -0750 ^h id, 0750 ^h -0440 ^h rr, 0440 ^h -0630 ^h dd, 002 at obs, sunny periods, 1200 ^h bc 02, 1600 ^h c 02 Broken sun, 2000 ^h bc 02,
12.4	4.9	-0.1	bc Cu 05 sunny at obs, slight sun, 1200 ^h o 05, 1200 ^h -1340 ^h rr, 145 ^h pr, Broken sun, 1600 ^h bc 05, broken sun, 2000 ^h bc 05,
15.9	4.1	-0.5	b Cu 05 sunny at obs, sunny periods, 1200 ^h bc 05 short sunny spells, 1600 ^h bc 05, 2000 ^h c 05, 2200 ^h b 05,
14.0	4.4	-0.8	c St-Cu sunny 05 at obs, c morn, 1200 ^h c 05, short sunny spell, 1600 ^h c 05, 2000 ^h c 05, 2200 ^h b 05,
13.9	7.9	2.2	o St 09 at obs, 1200 ^h c 09, overcast mild after, 1600 ^h o 09, 2000 ^h o 09, 2030 ^h -2120 ^h id.
10.9	10.3	10.5	0205 ^h -0240 ^h id c St 13 at obs, 1050 ^h -1120 ^h id. 1200 ^h c 13, 1340 ^h -1350 ^h pr, 1420 ^h pr, 1600 ^h o 13, 1630 ^h pr, 1920 ^h -2100 ^h ir, 2130 ^h -0001 ^h d d d.
9.5	9.2	6.7	0110 ^h -0220 ^h d d d, 0320 ^h pr, b 19 sunny at obs, long sunny spells, 1200 ^h bc 13, Broken sun after + showers, 1600 ^h bc 13, 2020 ^h pr, 2130 ^h -2230 ^h rr.

1993

SEPTEMBER

SNOW OR SLEET	SNOW LYING 9H	SNOW LYING ON-24H	HAIL	THUNDER	Fog 9h	Fog on 24h	AIR FROST	GROUND FROST	GALE
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SEPTEMBER 1993

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TOTAL RAINFALL 97.7mm 3.84ins

TOTAL SUNSHINE 96.4 HRS

MAX TEMP 21.5°C on the 1stMin TEMP 3.5°C on 12thLOWEST MAX TEMP 9.5°C on 30thHIGHEST Min TEMP 12.7°C on 10th

MEAN MAX 15.6°C

MEAN Min 8.56°C

MEAN TEMP FOR MONTH 12.0°C 12.08

Min GRASS TEMP -1.0°C on 16thHIGHEST BAR M.S.L 1030.7 on 1stLOWEST BAR M.S.L 993.3 on 9thHIGHEST DAILY RAINFALL 34.9mm on 9thHIGHEST DAILY SUNSHINE 8.8HRS on 20th

19 ⁹³ 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	984.8	18.1	9.5	8.9	09	09	4	8	02	1	0.5	0.5	3.9	3.9	12.9	13.5
2	990.1	17.1	9.3	8.9	05	02	8	6	50	1	0.2	0.7	0.1	4.0	12.3	13.4
3	998.8	16.4	10.4	10.1	05	05	5	6	02	1	3.1	3.8	0.3	4.3	12.0	13.4
4	992.9	16.9	8.9	7.3	18	09	2	7	02	1	1.3	5.1	9.0	13.3	11.7	13.2
5	993.4	17.3	10.1	9.6	02	09	8	5	62	1	22.8	27.9	0.0	13.3	11.8	13.1
6	994.4	17.5	8.3	7.9	36	09	8	6	50	1	1.6	29.5	0.0	13.3	11.6	13.0
7	995.3	16.9	11.4	10.4	36	09	7	7	02	1	5.0	34.5	0.0	13.3	11.7	12.9
8	1004.3	18.4	7.9	7.6	18	02	2	7	02	1	3.3	37.8	4.5	17.8	11.5	12.8
9	1001.9	18.4	11.6	10.6	05	09	4	6	02	1	1.9	39.7	4.2	22.0	11.9	12.7
10	1003.6	17.6	9.2	8.9	05	02	5	5	05	1	tr	39.7	3.2	25.2	12.4	12.6
11	1000.6	19.0	9.6	9.4	18	02	7	5	02	1	0.0	39.7	0.8	26.0	12.2	12.6
12	997.5	20.1	8.6	7.1	02	19	6	7	02	1	0.0	39.7	0.3	26.3	11.6	12.7
13	1003.5	19.8	5.0	3.9	36	09	4	8	02	1	0.0	39.7	5.6	31.9	10.7	12.7
14	1013.4	19.8	0.8	0.2	36	05	1	6	02	4	0.0	39.7	5.7	37.6	9.6	12.5
15	1017.2	17.9	3.5	2.9	02	02	5	7	02	1	0.4	40.1	4.1	41.7	9.2	12.3
16	1025.4	16.9	0.5	0.0	23	05	2	7	02	4	0.0	40.1	5.8	47.5	8.6	12.0
17	1032.6	15.2	1.3	0.6	23	05	1	8	02	4	0.0	40.1	8.7	56.2	8.0	11.9
18	1032.6	16.1	-0.1	-0.4	34	00	1	5	10	4	0.0	40.1	7.7	63.9	7.5	11.8
19	1034.8	18.1	7.3	5.6	23	05	6	7	02	1	tr	40.1	0.0	63.9	7.8	11.3
20	1027.8	18.5	8.2	7.9	23	02	8	6	02	1	0.0	40.1	1.2	65.1	8.5	11.1
21	1031.1	19.4	5.7	4.4	23	02	4	7	02	1	0.0	40.1	7.4	72.5	8.2	11.0
22	1035.7	19.1	2.5	1.8	25	05	3	8	02	1	0.0	40.1	0.6	73.1	7.6	11.0
23	1035.8	18.9	4.2	3.5	18	05	2	6	02	1	0.0	40.1	8.3	81.4	8.0	10.7
24	1037.8	16.8	6.7	6.4	18	02	8	6	02	1	0.0	40.1	3.4	84.8	8.4	10.6
25	1039.8	15.2	5.2	5.0	18	02	8	5	10	1	0.0	40.1	0.0	84.8	8.6	10.6
26	1038.4	17.3	6.9	6.0	18	02	8	6	02	1	0.0	40.1	0.0	84.8	8.9	10.5
27	1037.3	17.1	6.6	6.0	18	00	8	5	10	1	0.0	40.1	0.0	84.8	9.0	10.6
28	1027.3	18.8	7.5	6.0	32	09	8	6	02	1	0.0	40.1	0.0	84.8	8.9	10.6
29	1030.6	19.0	8.9	7.7	09	02	8	6	02	1	0.0	40.1	0.0	84.8	8.9	10.5
30	1033.1	19.1	5.4	5.3	09	05	0	5	10	1	0.0	40.1	0.6	85.4	8.9	10.5
31	1029.2	16.2	7.5	7.1	05	05	8	5	10	1	0.0	40.1	0.0	85.4	8.7	10.5

TEMPERATURE

MAX.

MIN.

GRASS.
MIN.

REMARKS:

13.2	7.1	5.5	0700 ^h pr, bc Cu-Nb 09 at obs, 1030 ^h pro, Broken sun, 1200 ^h c 09, 1400 ^h pro, 1600 ^h c 09, 2000 ^h c 05, 2200 ^h c 02
12.0	5.9	2.0	0820 ^h 50, o. A-St 02 50 at obs, o. morn, 1200 ^h o. 02, 1310 ^h pro, 1600 ^h o. 02, 2000 ^h o. 02,
11.7	8.0	4.0	bc Ci-St 05 at obs, slight sun, 1020 ^h -1400 ^h roro, 1420 ^h ido o. 05, 1500 ^h -1545 ^h roro, 1600 ^h o. 05, 1650 ^h pro, 2000 ^h o. 02,
14.9	4.8	0.6	c Ci 09 sunny at obs, long sunny period {9 hrs}, 1200 ^h bc 09, 1600 ^h bc 09 sunny, 2000 ^h bc 09, 2200 ^h bc 05.
10.5	7.4	5.2	0800 ^h -0910 ^h 62, o. 09 62 at obs, 1010 ^h pro, 1030 ^h -1120 ^h ir, 1200 ^h pro, o. 09, 1230 ^h pro, 1340 ^h pr, 1450 ^h -1810 ^h rr, 1810 ^h d.o.d.o, 1910 ^h -2330 ^h rr
11.3	7.6	7.3	0130 ^h -0310 ^h roro, o. St 09 50 at obs, o. morn, 1200 ^h o. 09, 1600 ^h o. 09, 2000 ^h o. 05, 2040 ^h pro, 2200 ^h o. 05.
12.7	8.0	8.2	0120 ^h pro, 0200 ^h pro, 0250 ^h pro, 0515 ^h -0600 ^h ir, c St 09 at obs, 1020 ^h -1050 ^h ir, 1200 ^h o. 09, 1430 ^h pr, 1520 ^h -1820 ^h ir, 2000 ^h o. 05, 2200 ^h o. 05,
13.4	4.6	0.7	sun before obs, b Cu lent. 02 sunny at obs, sunny spell, 1200 ^h bc 02, Broken sun pm, 1600 ^h bc 02, 1850 ^h roro, 2120 ^h -2330 ^h ir.
15.1	7.9	7.2	0530 ^h -0650 ^h ir, bc Cu-Nb 09 at obs, long sunny spell, 1200 ^h bc 09 short sun pm, 1605 ^h c 09 pr, 2000 ^h c 09.
14.6	8.0	3.6	bc Cu 02 haze at obs, sunny spells am, 1200 ^h bc 02, 1600 ^h bc 02 slight sun, 2000 ^h bc 02,
13.0	7.8	4.0	c 02 mild at obs, slight sun, 1200 ^h c 05, slight sun, 1600 ^h bc 05, 2000 ^h bc 05.
9.9	5.6	0.8	c Cu 19 at obs, slight sun, 1200 ^h bc 09, 1600 ^h bc 09, 2000 ^h b 05, 2200 ^h b 05.
9.5	1.5	-2.5	bc Cu 09 at obs, Broken sun morn, 1200 ^h bc 09, Broken sun pm, 1600 ^h bc 09 sunny, 2000 ^h bc 05 cold evening, 2200 ^h b 05
10.6	7.5	-6.8	b A-Cu 05 freezing at obs, long sunny spell-1400 ^h , 1200 ^h b 05, 1600 ^h b 05, 2000 ^h b 05 freezing
8.4	0.6	-2.9	bc A-Cu 02 at obs, sunny spells am, 1130 ^h 88, 1200 ^h bc 05, Broken sun after, 1600 ^h bc 05, 2000 ^h b 02, 2200 ^h b 02.
8.1	-1.3	-4.6	b Ci 05 sunny + frost at obs, Broken sunny morn, 1200 ^h bc 05, Broken sun pm, 1600 ^h bc 09, 2000 ^h b 05 freezing, 2200 ^h b 05.
9.5	-1.5	-5.6	b Ci 05 sunny + frost at obs, long sunny spell, 1200 ^h b 05, sunny pm, 1600 ^h b 05, 2000 ^h b 05 freezing, 2200 ^h b 02
11.2	-2.9	-6.4	b Ci 00 sunny + frost, 10 at obs, sunny morn, 1200 ^h b 05, sunny after, 1600 ^h bc 05, 2000 ^h bc 05, 2200 ^h bc 05,
10.5	0.2	-1.5	c A-Cu 05 at obs, Dull morn, 1200 ^h c 05, 1600 ^h c 05, 2000 ^h c 02
12.1	6.7	5.5	o A-St 02 at obs, slight sun, 1200 ^h bc 13 sunny, 1600 ^h bc 13, 2000 ^h bc 09,
11.2	1.7	-1.6	bc Ci 02 bright at obs, long sunny spell, 1200 ^h bc 05, sunny spell pm, 1600 ^h bc 05, 2000 ^h b 02, 2200 ^h b 02,
10.1	0.0	-3.5	bc Ci 05 frost at obs, slight sun morn, 1200 ^h bc 05 slight sun pm, 1600 ^h bc 05, Bright after, 2000 ^h bc 05, 2200 ^h bc 05,
12.8	2.2	-1.2	b Ci 05 sunny at obs, long sunny spell, 1200 ^h b 05, 1600 ^h b 05 sun, 2000 ^h bc 05, 2200 ^h bc 02,
13.7	4.0	-0.5	o St 02 at obs, sunny spell 1200 ^h -1240 ^h , 1200 ^h bc 02, sunny spell pm, 1600 ^h bc 05, 2000 ^h bc 05, 2200 ^h c 02,
9.0	1.7	-1.8	o St 02 10 at obs, o. morn, 1200 ^h o. 05, o. after, 1600 ^h o. 02 HAZE, 2000 ^h o. 02 HAZE
8.8	5.0	5.1	o St 02 at obs, o. morn, 1200 ^h o. 00, o. after, 1600 ^h o. 00, 2000 ^h o. 02, 2200 ^h o. 02
8.2	5.9	5.8	o St 0018 at obs, o. morn, 1200 ^h o. 02, o. after, 1600 ^h o. 02, 2000 ^h o. 02,
8.8	5.6	5.2	o St 09 at obs, o. morn, 1200 ^h o. 05, o. after, 1600 ^h o. 05, 2000 ^h o. 02,
9.7	7.2	6.7	o St 02 at obs, o. morn, 1200 ^h o. 05, o. after, 1600 ^h o. 05, 2000 ^h c 02, 2200 ^h c 02.
7.8	4.0	-0.5	b 05 10 sunny at obs, slight sun morn, 1200 ^h o. 05, o. after, 1600 ^h bc 05, 2000 ^h bc 02, 2200 ^h b 02.
8.6	5.0	4.2	o St 05 10 at obs, o. morn, 1200 ^h o. 02, o. after, 1600 ^h o. 02, 2000 ^h o. 02.

1993

October

SNOW OR SLEET	SNOW LYING 9H	SNOW LYING 0 ^h -24 ^h	HAIL	THUNDER	Fog 9H	Fog 0 ^h -24 ^h	AIR FROST	GROUND FROST	GALE
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October 1993

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TOTAL RAINFALL 40.1mm 1.57in

TOTAL SUNSHINE 85.4 HRS

MAX TEMP 15.1°C 9th Oct 1993MIN TEMP -2.9°C 18th Oct 1993LOWEST MAX TEMP 7.8°C 30th Oct 1993HIGHEST MIN TEMP 8.0°C 3rd 7th 10th Oct 1993

MEAN MAX 11.0°C

MEAN MIN 4.3°C

MEAN TEMP FOR MONTH 7.6°C 7.65

MIN GRASS TEMP -6.8°C 14th Oct 1993HIGHEST BAR M.S.L 1039.8 on 25th Oct 1993LOWEST BAR M.S.L 984.8nd on 2nd Oct 1993HIGHEST DAILY RAINFALL 22.8mm on 5th Oct 1993HIGHEST DAILY SUNSHINE 9.0HRS on 4th Oct 1993

1993	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.
November																
1	1017.6	16.2	7.6	6.6	05	0.0	8	5	10	1	0.0	0.0	0.0	0.0	8.8	10.4
2	1011.7	18.4	7.1	5.9	14	0.0	8	5	10	1	0.0	0.0	0.0	0.0	8.7	10.3
3	1007.3	17.4	8.8	7.9	09	13	8	4	10	1	4.4	4.4	0.0	0.0	8.6	10.3
4	1008.2	17.9	9.4	9.2	18	09	8	3	10	1	TR	4.4	0.7	0.7	8.9	10.3
5	1010.9	18.2	6.9	6.7	18	02	8	4	10	1	0.1	4.5	0.0	0.	9.1	10.3
6	1016.0	19.2	8.7	8.6	18	02	9	4	52	1	4.1	8.6	0.0	0.7	9.4	10.3
7	1012.0	19.8	9.7	9.2	18	00	8	6	20	1	tr	8.6	0.0	0.7	9.6	10.2
8	1023.0	19.0	4.0	3.3	36	02	0	8	02	1	10.8	19.4	7.2	7.9	8.9	10.3
9	1004.6	18.2	8.8	8.4	20	13	8	4	58	2	0.3	19.7	2.5	10.4	8.0	10.2
10	1011.6	17.0	4.3	3.9	25	02	7	6	02	1	0.0	19.7	1.3	11.7	7.7	10.1
11	1015.9	18.1	2.8	2.2	23	02	1	8	02	2	0.0	19.7	6.4	18.1	7.2	10.0
12	1015.2	15.8	5.1	4.0	18	13	8	7	03	1	5.5	25.2	0.2	18.3	6.8	9.8
13	1014.8	15.1	8.1	0.6	23	02	6	7	03	2	5.4	30.6	0.0	18.3	6.5	9.7
14	1021.9	14.7	3.9	3.0	34	02	7	8	02	1	tr	30.6	6.8	24.7	6.4	9.5
15	1030.4	14.3	6.4	4.6	20	19	8	7	02	1	1.1	31.7	0.0	24.7	5.9	9.3
16	1028.1	16.4	8.8	7.6	18	13	7	6	02	1	0.0	31.7	2.5	27.2	6.7	9.1
17	1024.0	17.1	9.0	7.7	16	24	8	6	02	1	0.0	31.7	1.1	28.3	7.0	9.1
18	1021.6	17.9	8.8	7.5	18	24	8	6	02	1	0.0	31.7	0.0	28.3	7.3	9.1
19	1022.2	18.2	8.2	6.8	16	19	7	6	02	1	0.0	31.7	1.3	29.6	7.2	9.0
20	1027.9	18.1	-1.8	-2.1	16	02	0	5	10	4	0.0	31.7	6.0	35.6	6.5	9.2
21	1023.9	14.3	0.8	-0.1	07	05	0	7	02	4	0.0	31.7	5.5	41.1	5.9	8.9
22	1026.0	16.0	-3.9	-4.1	18	02	3	5	42	4	0.0	31.7	1.3	42.4	4.9	8.8
23	1021.2	15.4	-5.1	-5.2	18	05	5	4	10	4	0.0	31.7	4.9	47.3	4.0	8.5
24	1013.2	15.6	2.0	1.2	14	05	8	5	10	1	0.4	32.1	0.0	47.3	3.5	8.3
25	1012.6	15.6	7.5	7.0	18	13	8	7	50	1	0.1	32.2	2.9	50.2	4.1	8.0
26	1030.5	17.2	-4.5	-4.5	23	02	0	5	10	4	0.0	32.2	4.1	54.3	4.2	7.8
27	1026.7	18.0	8.0	7.0	14	09	8	6	02	1	0.0	32.2	0.0	54.3	4.6	7.8
28	1020.9	14.9	5.7	4.9	14	09	8	6	02	1	0.1	32.3	0.0	54.3	5.2	7.6
29	1009.0	13.9	7.2	6.4	14	30	8	5	02	1	12.3	44.6	0.0	54.3	5.5	7.6
30	1000.7	16.4	3.4	2.6	18	09	2	7	02	1	0.5	45.1	2.1	56.8	5.6	7.6
31																

TEMPERATURE

REMARKS:

MAX.	MIN.	GRASS. MIN.	
8.0	6.9	6.1	o St. 00.10 at obs, / o, morn, 1200 ^h o2, o, after, 1600 ^h o O2 HAZE, 2000 ^h o, O2 HAZE
8.6	6.4	5.5	o St. 00.10 at obs, / o, morn, 1200 ^h o2, o, after, 1600 ^h o O2 HAZE, 2000 ^h o O2 10, 2000 ^h o 00.10.
9.5	5.9	3.1	o St. 13.10 at obs, / o, morn, 1200 ^h o2, o, after, 1600 ^h o O2 fog, 2000 ^h o O2 fog, 2200 ^h c O2 fog.
11.9	7.5	4.1	o St. 09 10 at obs, / o mild day.
10.7	6.3	4.1	o O2 foggy at obs, / o mild day.
10.7	7.1	4.1	o v, mild some d before obs, m or f morn, ice until 1030 ^h p. 21 ^h m clearing late ev
11.5	8.4		v. mild ice - rere 0 ^h -620 ^h rr 720 ^h bc at 8 ^h , / o mild after.
9.9	3.1	-0.9	b cool calm morn, long sunny periods 0900 ^h Curio after
11.8	3.6	0.1	o mild breezy morn, rr 0140 ^h -0800 ^h , mostly b-bc day, sunny period 1215 ^h -1500 ^h
8.6	1.5	-2.6	c cool calm morn, / mostly bc after, slight m, few brief sunny period 1200 ^h -1400 ^h
8.9	1.7	-2.5	b cool morn, sunny, / generally b day, long sunny period 0900 ^h -1500 ^h
7.2	2.5	-0.5	bc-c breezy morn,
6.1	0.4	-1.4	c O2 at obs, / o mild after.
9.7	-3.8	1.5	b O2 at obs, / b after, sunny 0900 ^h -1530 ^h
9.1	1.0	-3.8	o, windy morn, o east windy after, 1600 ^h -1650 ^h pro, 2000 ^h o O9.
10.0	6.1	4.8	0440 ^h -0570 ^h pr, 0730 ^h pr, c Cu-Nb O9 at obs, c 13 Broken sun, 1200 ^h bc 13 sun, Broken after, 1600 ^h c 13, 2000 ^h c 19.
9.9	6.8	2.4	o St. 24 at obs / 1030 ^h -1135 ^h sunny, 1200 ^h c 19, windy after, 1600 ^h c 19, 2000 ^h o 19
9.0	7.4	5.2	o St. 24 at obs, / o morn 24, 1200 ^h o 19, 1600 ^h o 19, 2000 ^h o 13, 2200 ^h o O9.
9.6	7.8	2.5	c A-St 19 HAZE at obs, / 13 o morn, 1200 ^h o 24, 1600 ^h c 13, 2000 ^h bc O9, 2200 ^h b O5
7.6	-2.3	-6.2	b O2 misty frosty at obs, / sunny morn, 1200 ^h b O2, sunny after, 1600 ^h b O5, 2000 ^h bc O5.
4.9	-2.0	-4.8	b O2 fresh at obs, / sunny morn, 1200 ^h b O2, Broken sunny after, 1600 ^h bc O5, 2000 ^h bc O5
1.2	-5.6	-8.8	bc Ci-St O2 misty frosty at obs, / Broken sun morn, 1200 ^h bc O2, slight sun, 1600 ^h bc O2 HAZE freezing, 2000 ^h 10 freezing.
4.1	-6.5	-9.8	bc A-Cu O5 freezing misty at obs, / Broken sun morn, 1200 ^h bc O5, Sun after, 1600 ^h bc O5, 2000 ^h bc O2, freezing.
7.6	-5.4	-8.1	o, A-St O5 10 snow at obs, / o, morn, 1200 ^h o O9, 1600 ^h c O9, 2000 ^h c O9,
9.0	1.8	-0.7	o St. 13 50 at obs, / o1 morn, 1130 ^h -1320 ^h sun, 1340 ^h -1435 ^h sun, 1600 ^h b O5, 2000 ^h b O2 freezing.
9.4	-5.4	-8.5	b O2 sunny, frosty, misty at obs, / sunny morn, 1200 ^h b O5, sun after, 1600 ^h bc O9, 2000 ^h bc O5,
8.1	-4.6	-6.0	c O2 at obs, / c morn, 1200 ^h c O9, Bright Breezy after, 1600 ^h c O9, 2000 ^h bc O9.
7.2	3.9	0.6	o O9 at obs, / o, morn, 1200 ^h c O9, 1600 ^h c O9, 1840 ^h pro, 2000 ^h o 13, 2200 ^h o 19,
9.2	4.2	3.2	Windy night, o, St. 30 at obs, / near gale 30-37 in gusts, 1150 ^h -1500 ^h rr o, 30 ^h , 1500 ^h -1800 ^h fog, 1800 ^h -1820 ^h PR, 1820 ^h -1900 ^h fog, 1900 ^h o, O9.
7.0	2.7	-0.1	Bright Breezy morn, b Cu-Nb O9 at obs,

1993

November

Snow OR SLEET	Snow LYING 9H	Snow LYING 0 ^h -24 ^h	HAIL	THUNDER	Fog 9H	Fog 0 ^h -24 ^h	AIR FROST	GROUND FROST	CALE
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November 1993

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TOTAL RAINFALL 45.1mm 1.77ins

TOTAL SUNSHINE 56.8HRS

MAX TEMP 11.9°C on 4th November 1993MIN TEMP -6.5°C on 23rd November 1993LOWEST MAX TEMP 1.2°C 22nd November 1993HIGHEST MIN TEMP 8.4°C 7th November 1993

MEAN MAX 8.5°C

MEAN MIN 2.2°C

MEAN TEMP FOR MONTH 5.3°C 5.35

Min Grass temp -9.8°C 23rd November 1993HIGHEST BAR M.S.L 1030.5 26th November 1993LOWEST BAR M.S.L 1000.7 30th November 1993HIGHEST DAILY RAINFALL 12.3mm 29th November 1993HIGHEST DAILY SUNSHINE 7.2 HRS 8th November 1993

1993 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	1000.1	16.2	7.0	6.4	23	09	7	6	02	1	3.9	3.9	0.0	0.0	5.2	7.6
2	1005.5	17.6	10.6	9.1	23	09	5	7	02	1	1.1	4.1	0.3	0.3	6.3	7.6
3	1005.4	18.1	10.4	9.2	18	19	7	5	02	1	5.1	9.2	0.0	0.3	6.5	7.6
4	1006.9	18.9	4.8	3.6	32	05	1	7	02	1	tr	9.2	4.2	4.5	6.9	7.8
5	1021.2	15.4	7.5	6.5	23	09	4	7	02	1	0.0	9.2	0.6	5.1	6.9	8.0
6	1014.4	15.1	8.6	7.6	18	24	8	6	02	1	12.0	21.2	0.0	5.1	6.8	8.0
7	1003.3	16.2	1.6	1.0	23	09	3	7	02	4	12.9	34.1	1.3	6.4	6.6	8.0
8	982.8	17.1	8.0	7.9	20	09	8	5	02	2	13.6	47.7	0.0	6.4	5.5	8.1
9	1001.3	17.9	4.9	3.7	27	09	2	7	02	1	3.0	50.7	2.2	8.6	6.2	7.9
10	999.4	17.6	3.9	2.8	23	13	3	7	02	1	13.4	64.1	2.6	11.2	6.1	7.9
11	1010.6	15.1	4.7	4.1	27	09	4	6	02	1	2.0	66.1	2.0	13.2	5.2	7.9
12	1001.8	13.0	4.9	4.3	14	24	8	7	61	1	16.4	82.5	0.0	13.2	5.0	7.7
13	997.3	14.7	4.6	3.9	36	30	8	7	61	1	0.8	83.3	0.1	13.3	5.6	7.5
14	1005.8	15.1	3.0	2.5	18	24	8	6	61	1	7.4	90.7	0.0	13.3	4.6	7.5
15	973.0	15.1	2.5	2.0	20	19	6	7	83	1	7.1	97.8	0.0	13.3	4.6	7.5
16	992.5	16.0	4.0	2.5	27	05	2	7	02	1	0.3	98.1	2.6	15.9	4.6	7.3
17	1005.6	15.9	4.2	3.9	18	05	8	6	61	1	0.7	98.8	0.0	15.9	4.2	7.1
18	996.3	14.6	11.9	11.0	18	13	8	7	02	1	7.1	105.9	0.0	15.9	5.6	7.1
19	991.4	14.2	6.2	4.6	23	24	2	8	02	1	1.0	106.9	1.7	17.6	7.3	7.1
20	1007.1	15.1	0.4	-0.1	18	02	7	7	02	4	0.1	107.0	0.5	18.1	5.7	7.2
21	1006.2	15.2	1.1	0.6	23	05	8	4	72	5	4.9	111.9	1.6	19.7	4.4	7.4
22	990.0	15.8	4.8	4.2	23	09	8	7	63	1	6.9	118.8	1.4	21.1	4.1	7.1
23	998.8	15.9	2.8	2.4	23	09	8	7	23	1	5.9	124.7	0.0	21.1	4.2	7.0
24	1008.5	15.2	1.1	0.0	32	02	5	7	02	6	2.0	126.7	0.0	21.1	3.7	6.9
25	1004.7	13.1	0.6	0.5	23	02	7	6	02	5	tr	126.7	1.9	23.0	3.6	6.8
26	1016.5	11.1	0.4	-0.3	18	02	8	7	40	5	1.1	127.8	0.0	23.0	3.2	6.5
27	1005.9	12.3	1.8	1.6	27	02	7	7	10	1	7.3	135.1	0.0	23.0	3.1	6.4
28	998.3	13.7	6.8	5.5	23	09	2	6	02	1	5.3	140.4	2.9	25.9	3.8	6.4
29	989.1	14.4	5.4	3.5	18	24	3	7	02	1	0.6	141.0	0.9	26.8	4.6	6.3
30	994.7	15.0	2.5	2.0	23	05	7	7	02	1	0.0	141.0	4.2	31.0	4.1	6.3
31	997.8	15.2	0.7	0.3	23	09	3	7	02	4	0.0	141.0	3.0	34.0	3.8	6.4

TEMPERATURE

MAX.	MIN.	GRASS. MIN.	REMARKS:
11.3	1.6	-2.1	0400 ^h pre, 0550 ^h pre, c Cu-Nb 09 at obs, 0, morn, 1140 ^h pre, 1200 ^h o 09, c after, 1600 ^h c 09, 2000 ^h o 09, 2240 ^h -0001 ^h roro,
11.9	6.7	5.9	0001 ^h -0010 ^h roro, 0040 ^h -0130 ^h rr, 0130 ^h -0405 ^h dodo, bc Cu-Nb 09 at obs, slight sun morn, 1200 ^h o 13, 1550 ^h -1610 ^h ido, o 13, 2000 ^h o 13, 2250 ^h pre 19
11.9	9.9	8.5	0100 ^h -0500 ^h ido, windy night, c A-St 19 at obs, 0, morn, 1200 ^h o 19, 1600 ^h o 19, 1720 ^h -1940 ^h roro, 2000 ^h pre 13,
8.1	4.6	4.9	c Cu-Nb 05 at obs, 0930 ^h -1300 ^h sunny, 1600 ^h c 09, 2000 ^h c 09
9.2	4.2	1.9	bc Cu-Nb 09 at obs, slight sun morn, 1200 ^h bc 13, slight sun after, 1600 ^h bc 13, 2000 ^h b 13,
9.4	6.9	4.5	o A-St 24 at obs, 0, morn, 1200 ^h o 19 pre, 1340 ^h -1830 ^h rr, 1900 ^h o 13, 2000 ^h o 09,
7.9	1.4	-0.8	bc Cu lent 09 sunny at obs, 1010 ^h -1025 ^h is, slight sun a.m., 1200 ^h o 09, 1230 ^h prs, 1310 ^h pre, 1440 ^h -1520 ^h roro, 2000 ^h b 09.
11.5	1.1	-1.0	0230 ^h -0850 ^h rr, o, A-St 09 iro at obs, 0950 ^h pr, 1100 ^h -1410 ^h rr, 1500 ^h pr, 1625 ^h pr o 13, 1850 ^h pr o 24, 1940 ^h pr 37, 2110 ^h -2300 ^h roro 44. many strong winds, easing 2330 ^h 37.
7.5	4.6	2.1	b Cu-lent 09 sunny at obs, Broken sunny morn, 1200 ^h bc 09, 1600 ^h bc 09, 2000 ^h bc 13, 2300 ^h -2350 ^h ir, 24.
4.6	3.5	1.0	0001 ^h -0450 ^h roro, 37 over night, bc Cu-Nb 13 at obs, Broken sun morn, 1030 ^h prs, 1240 ^h o 13 prs, 1700 ^h -2020 ^h prs, 2200 ^h -2310 ^h prs,
7.1	0.8	0.0	0030 ^h -0640 ^h prs, bc 09 at obs, slight sun morn, 1200 ^h bc 13, sunny spell pm, 1600 ^h bc 09, 2000 ^h c 09.
8.5	2.8	0.1	0400 ^h -0450 ^h pre, 0650 ^h -0710 ^h pre, 0810 ^h -0905 ^h roro, o, Nb 24 bl at obs, 1140 ^h pr, 1200 ^h o 24 showers after, 1600 ^h o 24, 2000 ^h o 24 pr.
5.6	3.7	3.5	0340 ^h -0900 ^h roro, o, Nb 30 at obs, roro-0930 ^h , o, morn, 1200 ^h o 24, slight sun, 1600 ^h bc 05, 2000 ^h c 05, freezing.
7.1	4.2	-5.9	0910 ^h -0910 ^h roro, o, Nb 24 bl at obs, roro-1000 ^h , o, morn 30, 1200 ^h o 30, 1240 ^h -1710 ^h rr, 2000 ^h bc 19, 2320 ^h pre
6.4	0.5	-0.5	sleet + snow over night, c A St 19 83 rainbow at obs, 0900 ^h -1050 ^h roro, 1050 ^h -1420 ^h rr, 1600 ^h o 13, 2000 ^h o 13
5.2	2.2	-0.8	b Cu-lent 05 at obs, Broken sunny morn, Thunder 1130 ^h , 1200 ^h b 09 sunny 1600 ^h bc 05, 2000 ^h b 09
12.1	1.6	-1.5	o St 05 61 at obs, 61-1050 ^h , o morn, 1200 ^h o 05, 1600 ^h c 05, 2000 ^h c 05,
13.0	3.9	3.6	o A-St 13 at obs, 0 morn, 1250 ^h -1400 ^h roro, o after, 1600 ^h o 13, 2000 ^h o 13, 2050 ^h -2310 ^h rr 30,
7.1	6.8	3.7	0240 ^h pr, 0440 ^h -0610 ^h rr, b Cu-Nb 24 at obs, 1010 ^h pr, 1105 ^h pr, 1120 ^h pre, Broken sun, 1200 ^h b 13 sun, 1600 ^h b 13, 2000 ^h b 09
2.2	-0.1	-1.7	c St-Cu 02 at obs, slight sun morn, 1200 ^h c 05 slight sun, 1600 ^h bc 05, 2000 ^h bc 05 freezing.
6.5	-2.1	-7.7	0745 ^h iso, o, St 05 is at obs, snow o morn, 1200 ^h bc 09, 1600 ^h bc 09, 2000 ^h bc 09
6.5	0.5	-0.5	0240 ^h pre, 0500 ^h -0550 ^h ir, 0650 ^h pre, 0800 ^h rr, o, St 09 63 at obs, 0920 ^h pre, slight sun, 1200 ^h bc 09 sun, 1240 ^h pre, 1600 ^h bc 09, 1720 ^h pre, 2100 ^h bc 09.
3.5	2.2	-0.5	0250 ^h pre, 0605 ^h pre, 0700 ^h pre, 0805 ^h -0910 ^h rr, o, St 09 at obs, 0930 ^h pr, 1045 ^h ir, 1200 ^h prs, 1330 ^h prs, 1600 ^h ps 1800 ^h bc 2000 ^h freezing.
2.9	0.4	-4.4	bc St-Cu 02 at obs, 0940 ^h -1050 ^h rr, o morn, 1200 ^h o 05, o after, 1600 ^h o 05, 2000 ^h o 02, 2100 ^h -0001 ^h roro.
3.5	0.0	-3.0	c A-St 02 at obs, Broken sunny morn, 1200 ^h bc 02, Broken sun after, 1600 ^h bc 02, 2000 ^h b 02 freezing.
3.6	-2.8	-7.6	o A-St 02 frosty at obs, frosty morn, 1200 ^h o 02, 1600 ^h o 05, 2000 ^h o 02,
7.0	0.0	-1.4	c St-Cu 02 misty at obs, o morn, 1200 ^h o 05, 1600 ^h o 05, 2000 ^h o 05 2200 ^h -0001 ^h rr,
9.8	1.1	0.2	0001 ^h -0200 ^h rr, 0200 ^h -0400 ^h roro, 0550 ^h pre, b Ci-St 09 at obs, 1040 ^h -1315 ^h weak sun, 1200 ^h b 13, 1600 ^h bc 13, 1910 ^h -2000 ^h ir, 19, 2200 ^h c 24.
5.4	5.1	2.6	0350 ^h -0410 ^h PR THUNDER, bc Cu-Nb 24 at obs, slight sun morn, 1200 ^h bc 19, slight sun p.m., 1600 ^h bc 19, 1615 ^h pre, 2000 ^h bc 13, 2200 ^h b 09.
5.3	1.8	-0.6	0340 ^h pre, c Cu-Nb 05 at obs, sunny spell 1025 ^h -1430 ^h , 1600 ^h bc 05, 2000 ^h bc 05.
3.4	-0.2	-1.6	bc Cu-Nb 09 at obs, sunny morn, 1200 ^h bc 09, slight sun p.m., 1600 ^h bc 09, 2000 ^h bc 05 freezing.

1993

DECEMBER

SNOW
OR
SLEETSNOW
LYING
Q"SNOW
LYING
Q" - 24"

HAIL

THUNDER

Fog
Q"Fog
Q" - 24"

AIR FROST

GROUND
FROST

GALE

DECEMBER 1993

1

1

2

TOTAL RAINFALL 141.0mm 5.55ins

3

4

TOTAL SUNSHINE 34 HRS December 1993

5

6

MAX TEMP 13.0°C 18th December 1993

7

1

1

8

1

1

MIN TEMP -2.8°C 26th December 1993

9

10

1

LOWEST MAX TEMP 2.2°C 20th December 1993

11

1

12

HIGHEST MIN TEMP 9.9°C 3rd December 1993

13

1

14

1

1

MEAN MAX 7.2°C

15

1

16

1

MEAN MIN 2.4°C

17

1

18

MEAN TEMP FOR MONTH 4.8°C ✓

19

20

1

1

1

Min GRASS TEMP -7.7 on 21st December 1993

21

1

1

22

1

HIGHEST BAR M.S.L. 1021.2 5th December 1993

23

1

1

24

1

1

1

1

LOWEST BAR M.S.L. 982.8 8th December 1993

25

1

26

1

1

HIGHEST DAILY RAINFALL 16.4mm 12th December 1993

27

1

28

HIGHEST DAILY SUNSHINE 4.2^{HRS} 4th 30th December 1993

29

1

30

1

31

1

1

YEAR 1993

	RAIN FALL	INS	SUNSHINE HRS	BAROMETER	M.S.L	
1				HIGHEST	LOWEST	Yearly Rainfall 34.77ms
2	JAN	3.55	40.4	1030.6 mb 31 st	992.5 mb 10 th	
3	FEB	0.69	24.8	1040.4 mb 15 th	1022.6 mb 25 th	Highest Daily Rainfall 36.4 mm 13 th May 1993
4	MAR	1.53	71.9	1038.5 mb 25 th	991.0 mb 30 th	
5	APR	3.24	112.1	1026.6 mb 28 th	982.3 mb 5 th	Yearly Sunshine 964.3 HRS
6	MAY	5.11	121.2	1032.3 mb 4 th	989.7 mb 30 th	
7	JUNE	2.55	88.3	1025.8 mb 26 th	1006.8 mb 11 th	Highest Daily Sunshine 12.2 HRS 29 th APRIL 1993
8	JULY	3.10	92.6	1033.6 mb 6 th	1003.9 mb 16 th	
9	AUG	2.27	140.4	1029.7 mb 17 th	1005.2 mb 12 th	Max Temp 23.5°C 31 st August 1993
10	SEPT	3.84	96.4	1030.7 mb 1 st	993.3 mb 9 th	
11	OCT	1.57	85.4	1039.8 mb 25 th	984.8 mb 2 nd	Min Temp -6.5°C 23 rd November 1993
12	NOV	1.77	56.8	1030.5 mb 26 th	1000.7 mb 30 th	
13	DEC	5.55	34.0	1021.2 mb 5 th	982.8 mb 8 th	Min Grass Temp -9.8°C 23 rd November 1993
14	TOTAL	34.77	964.3			

lowest max Temp 1.2°C 22nd November 1993

		GRASS	LOWEST	MEAN	MEAN	MEAN
		MAX	MIN	MAX	MIN	TEMP
17	JAN	14.1	-1.5	-6.5	1.4	8.8
18	FEB	11.4	-3.2	-8.3	6.2	9.0
19	MAR	14.7	-4.0	-9.0	4.3	9.8
20	APR	18.8	0.2	-3.1	7.3	12.7
21	MAY	19.6	0.6	-5.0	7.4	14.5
22	JUNE	23.2	5.9	0.5	13.8	17.5
23	JULY	20.5	6.0	2.1	13.7	17.3
24	AUG	23.5	5.6	1.0	14.9	17.5
25	SEPT	21.5	3.5	-1.0	9.5	15.6
26	OCT	15.1	-2.9	-6.8	7.8	11.0
27	NOV	11.9	-6.5	-9.8	1.2	8.5
28	DEC	13.0	-2.8	-7.7	2.2	7.2

30

31