

19.77.

JAN.

|    | Bar    | Att.<br>Ther. | Dry  | Wet  | ANEMOMETER |       | Cloud<br>Amount | Vis. | Present<br>Weather | State of<br>Ground | RAINFALL |       | SUNSHINE |       | EARTH TEMPERATURE |       |
|----|--------|---------------|------|------|------------|-------|-----------------|------|--------------------|--------------------|----------|-------|----------|-------|-------------------|-------|
|    |        |               |      |      | DIR.       | FORCE |                 |      |                    |                    | DAILY    | TOTAL | DAILY    | TOTAL | 30CM              | 100CM |
| 1  | 996.6  | 12.5          | -1.9 | -2.0 | 23         | 05    | 3               | 8    | 02                 | 3                  | 1.0      | 1.0   | 3.1      | 3.1   | 3.1               | 6.0   |
| 2  | 1022.5 | 12.6          | -0.5 | -0.5 | 00         | 00    | 4               | 7    | 70                 | 7                  | 4        | 1.0   | 4.5      | 7.6   | 2.8               | 6.0   |
| 3  | 1033.4 | 13.0          | 0.0  | -1.1 | 25         | 09    | 6               | 8    | 02                 | 7                  | 5.1      | 6.1   | 0.3      | 7.9   | 2.5               | 5.7   |
| 4  | 1024.2 | 17.0          | 6.5  | 6.0  | 20         | 24    | 8               | 7    | 63                 | 1                  | 6.4      | 12.5  | 0.0      | 7.9   | 2.6               | 5.6   |
| 5  | 1023.4 | 16.0          | 9.8  | 9.5  | 23         | 09    | 8               | 7    | 20                 | 1                  | 0.2      | 12.7  | 0.3      | 8.2   | 3.8               | 5.5   |
| 6  | 1034.7 | 12.3          | 2.6  | 2.1  | 23         | 09    | 6               | 8    | 20                 | 1                  | 4        | 12.7  | 4.8      | 13.0  | 3.9               | 5.6   |
| 7  | 1041.0 | 12.9          | 3.5  | 3.1  | 23         | 05    | 6               | 8    | 03                 | 1                  | 0.0      | 12.7  | 4.3      | 17.3  | 3.5               | 5.6   |
| 8  | 1039.1 | 12.8          | 3.3  | 3.1  | 27         | 05    | 8               | 7    | 02                 | 1                  | 2.2      | 13.9  | 0.0      | 17.3  | 3.5               | 5.6   |
| 9  | 1015.4 | 12.2          | 3.8  | 3.0  | 23         | 13    | 7               | 7    | 03                 | 1                  | 1.4      | 15.3  | 0.2      | 17.5  | 4.0               | 5.6   |
| 10 | 1002.9 | 13.8          | 1.9  | 0.7  | 02         | 13    | 7               | 8    | 03                 | 1                  | 0.1      | 15.4  | 5.0      | 22.5  | 3.8               | 5.7   |
| 11 | 997.8  | 11.0          | -2.3 | -2.5 | 36         | 05    | 7               | 4    | 10                 | 3                  | 0.0      | 15.4  | 0.1      | 22.6  | 3.1               | 5.6   |
| 12 | 998.4  | 15.1          | -4.0 | -4.0 | 32         | 02    | $\frac{5}{8}$   | 3    | 45                 | 3                  | 0.1      | 15.5  | 0.0      | 22.6  | 2.7               | 5.5   |
| 13 | 993.9  | 19.0          | -1.6 | -1.8 | 32         | 13    | 8               | 6    | 02                 | 7                  | 6.2      | 21.7  | 0.0      | 22.6  | 2.5               | 5.4   |
| 14 | 995.0  | 19.0          | 1.1  | 0.7  | 34         | 24    | 8               | 7    | 20                 | 7                  | 1.7      | 23.4  | 0.0      | 22.6  | 2.5               | 5.3   |
| 15 | 1009.6 | 8.2           | 1.3  | 1.1  | 34         | 05    | 8               | 7    | 02                 | 5                  | 0.1      | 23.5  | 1.0      | 23.6  | 2.5               | 5.0   |
| 16 | 1021.7 | 7.1           | 0.1  | -0.4 | 32         | 05    | 8               | 8    | 02                 | 3                  | 0.0      | 23.5  | 2.9      | 26.5  | 2.5               | 5.1   |
| 17 | 1022.7 | 12.4          | -2.5 | -2.8 | 00         | 00    | 8               | 6    | 10                 | 3                  | 0.3      | 23.8  | 0.0      | 26.5  | 2.2               | 5.0   |
| 18 | 1010.6 | 13.8          | 4.0  | 3.2  | 14         | 24    | 8               | 6    | 60                 | 1                  | 6.0      | 29.8  | 0.0      | 26.5  | 2.0               | 5.0   |
| 19 | 1002.8 | 12.5          | 1.5  | 1.1  | 16         | 09    | 8               | 7    | 02                 | 3                  | 11.9     | 41.7  | 1.7      | 28.2  | 2.5               | 4.6   |
| 20 | 993.3  | 14.6          | 7.2  | 6.5  | 14         | 19    | 8               | 7    | 60                 | 1                  | 21.5     | 63.2  | 0.0      | 28.2  | 3.0               | 4.9   |
| 21 | 986.0  | 14.8          | 7.0  | 6.0  | 18         | 30    | 8               | 7    | 60                 | 2                  | 0.3      | 63.5  | 0.0      | 28.2  | 3.8               | 4.9   |
| 22 | 992.8  | 12.0          | 3.3  | 2.6  | 23         | 09    | 3               | 7    | 01                 | 1                  | 4        | 63.5  | 3.7      | 30.9  | 4.0               | 5.0   |
| 23 | 997.6  | 11.5          | 4.2  | 4.0  | 18         | 09    | 7               | 7    | 03                 | 1                  | 4        | 63.5  | 4.7      | 36.6  | 4.0               | 5.0   |
| 24 | 1000.1 | 14.8          | 7.0  | 6.3  | 14         | 24    | 8               | 7    | 02                 | 1                  | 0.1      | 63.6  | 0.0      | 36.6  | 4.0               | 5.2   |
| 25 | 984.4  | 14.3          | 4.9  | 4.2  | 14         | 05    | 8               | 7    | 02                 | 1                  | 17.9     | 81.5  | 0.0      | 36.6  | 4.1               | 5.2   |
| 26 | 986.7  | 15.8          | 3.6  | 3.3  | 23         | 05    | 6               | 7    | 02                 | 1                  | 0.4      | 81.9  | 1.1      | 37.7  | 4.1               | 5.3   |
| 27 | 992.4  | 14.7          | 4.7  | 4.6  | 11         | 19    | 8               | 6    | 61                 | 1                  | 0.8      | 82.7  | 0.0      | 37.7  | 4.0               | 5.4   |
| 28 | 1005.6 | 14.0          | 0.3  | -0.2 | 05         | 05    | 4               | 7    | 03                 | 1                  | 0.0      | 82.7  | 3.4      | 40.1  | 3.9               | 5.4   |
| 29 | 1012.7 | 12.9          | -4.0 | -4.4 | 05         | 05    | 3               | 8    | 03                 | 3                  | 0.1      | 82.8  | 4.5      | 45.6  | 3.4               | 5.4   |
| 30 | 1004.8 | 12.0          | 1.3  | +0.6 | 20         | 24    | 8               | 7    | 71                 | 1                  | 5.5      | 88.3  | 0.0      | 45.6  | 2.6               | 5.3   |
| 31 | 1010.6 | 15.2          | -1.3 | -1.4 | 23         | 05    | 8               | 3    | 42                 | 6                  | 0.1      | 89.4  | 4.7      | 50.3  | 2.4               | 5.1   |

1977

## TEMPERATURE

## HUMIDITY

VAPOUR DEW

PRESSURE POINT

JAN

MAX

MIN

GRASS

PRESSURE

POINT

REMARKS: —

| JAN | MAX  | MIN  | GRASS | PRESSURE | POINT | REMARKS: —                                                                                                                                                                                 |
|-----|------|------|-------|----------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 1.5  | -3.3 | -6.6  | 5.1      | -2.4  | O. at 0300 <sup>H</sup> bc very cold at obs/ clear long sunny period early after snow showers even.                                                                                        |
| 2   | 1.6  | -4.2 | -8.2  | 5.8      | -0.6  | snow showers night 1 S <sub>0</sub> at obs/ clearing quickly long sunny period mid-morn - mid-after clear                                                                                  |
| 3   | 6.5  | -1.7 | -6.9  | 4.8      | -3.3  | mainly clear at 000 <sup>H</sup> thin cloud at obs/ cold day little sunshine mid-morn.                                                                                                     |
| 4   | 10.3 | -0.5 | -4.2  | 8.9      | 5.3   | 10.10 0115 <sup>H</sup> - 0240 <sup>H</sup> + 0730 to obs/ - 1030 <sup>H</sup> bc 10.11 1115 <sup>H</sup> + 1310 <sup>H</sup> - 1350 <sup>H</sup> bc 10.15 - 1400 <sup>H</sup> mild day.   |
| 5   | 9.6  | 6.1  | 5.3   | 11.6     | 9.2   | O. at 0000 <sup>H</sup> 10.10 0645 <sup>H</sup> - to near obs/ O-c day 1130 <sup>H</sup> 1230 <sup>H</sup> little sunshine mid-after bc c. even                                            |
| 6   | 5.6  | 1.1  | -3.6  | 6.7      | 1.3   | c. at 0000 <sup>H</sup> some 10% near obs/ clearing quickly long sunny period to mid-after. bc even                                                                                        |
| 7   | 7.0  | 2.1  | -2.3  | 8.3      | 2.5   | c. at 0000 <sup>H</sup> c-o at obs/ clearing sunny morn and sunny period mid-after c. even                                                                                                 |
| 8   | 7.6  | 2.9  | -1.7  | 7.5      | 2.8   | O. at 0000 <sup>H</sup> O. mild at obs/ O day. + 2230 <sup>H</sup> - 2300 <sup>H</sup> bc 10.15 2350 <sup>H</sup> .                                                                        |
| 9   | 4.0  | 3.0  | -1.1  | 6.9      | 1.7   | p. at 0000 <sup>H</sup> 10.10 0200 <sup>H</sup> - 0430 <sup>H</sup> c-o at obs/ 1130 <sup>H</sup> c-o day sleet followed by p.s 1440 <sup>H</sup> .                                        |
| 10  | 3.9  | -1.6 | -5.5  | 5.5      | -1.5  | c. at 0000 <sup>H</sup> air frost c-o at obs/ clearing long sunny period mid morn - mid-after. clear even.                                                                                 |
| 11  | 0.5  | -3.1 | -7.9  | 4.8      | -3.2  | clear at 000 <sup>H</sup> little snow during night c-o. heavy mist at obs/ c-o. very cold day some fog                                                                                     |
| 12  | -1.6 | -4.5 | -7.1  | 4.3      | -4.5  | fog during night and at obs/ Mainly foggy day and even.                                                                                                                                    |
| 13  | 1.0  | -4.9 | -6.4  | 5.1      | -2.4  | fog during night O. mist at obs/ O. cold day SS 2000 <sup>H</sup> - 2100 <sup>H</sup> .                                                                                                    |
| 14  | 3.3  | -2.0 | -3.5  | 6.1      | 0.0   | SS at 000 <sup>H</sup> and later strong winds 1 S <sub>0</sub> at obs/ O-c. cold day some 1 S. even.                                                                                       |
| 15  | 3.1  | 0.6  | -0.6  | 6.5      | 0.8   | 1 S at 0200 <sup>H</sup> - 0320 <sup>H</sup> O. at obs/ O-c day little sunshine mid-after c. even.                                                                                         |
| 16  | 3.4  | -1.9 | -6.7  | 5.6      | -1.3  | clear at 0000 <sup>H</sup> O. at obs/ O-c bc day long sunny period around mid-day clear even.                                                                                              |
| 17  | 4.1  | -3.9 | -7.1  | 4.6      | -3.8  | clear at 0000 <sup>H</sup> cold some mist at obs/ O. day 1530 <sup>H</sup> some 1 S. even.                                                                                                 |
| 18  | 5.1  | -2.5 | -2.5  | 7.0      | 2.0   | clear at 0000 <sup>H</sup> 1 S. last hour to obs/ winds gale force 10.10 0900 <sup>H</sup> - 1500 <sup>H</sup> bc 11-1830 <sup>H</sup> 1930 <sup>H</sup> clearing even                     |
| 19  | 7.4  | 0.7  | -3.4  | 6.4      | 0.5   | clear at 0000 <sup>H</sup> O. at obs/ O-c day sunny periods morn 10.10 1450 <sup>H</sup> - 2100 <sup>H</sup> bc 11-0000 <sup>H</sup>                                                       |
| 20  | 7.5  | 1.3  | -0.2  | 9.2      | 5.7   | 11 0000 <sup>H</sup> - 0400 <sup>H</sup> bc 10.10 0715 <sup>H</sup> bc 11-0100 <sup>H</sup> at obs/ O. day 11450 <sup>H</sup> - 1930 <sup>H</sup> bc 10.10 - 2050 <sup>H</sup> gales even. |
| 21  | 8.2  | 5.3  | 4.8   | 8.6      | 4.7   | O. at 0000 <sup>H</sup> gale - strong gale winds with rain 1 S at obs/ O-c day.                                                                                                            |
| 22  | 7.3  | 2.9  | -0.7  | 6.9      | 1.6   | clear at 0000 <sup>H</sup> bc-b at obs/ b-bc-c. day scattered sunny periods to mid-after some 1 S. even                                                                                    |
| 23  | 8.0  | 2.9  | -1.2  | 8.0      | 3.7   | O. at 0100 <sup>H</sup> c-o at obs/ clearing quickly good long sunny period spring like day.                                                                                               |
| 24  | 8.1  | 3.3  | -1.3  | 9.0      | 5.4   | O. at 2300 <sup>H</sup> strong wind O. at obs/ O. day with strong winds 10.15 35 <sup>H</sup> and 1630 <sup>H</sup> .                                                                      |
| 25  | 5.5  | 4.0  | -0.9  | 7.7      | 3.1   | O. at obs/ O. wet day 1120 <sup>H</sup> - 1710 <sup>H</sup> .                                                                                                                              |
| 26  | 6.1  | 3.3  | 0.0   | 7.5      | 2.8   | O. at 0000 <sup>H</sup> 11 0500 <sup>H</sup> - 0540 <sup>H</sup> c. at obs/ c. spring like day sunny period mid-after fog even                                                             |
| 27  | 5.0  | -1.5 | -1.6  | 8.5      | 4.5   | fog at 0000 <sup>H</sup> 10.10 0630 <sup>H</sup> 10.10 0730 <sup>H</sup> - obs/ - 1000 <sup>H</sup> O. day 10.10 1300 <sup>H</sup> - 1400 <sup>H</sup> 1650 <sup>H</sup> O. even.          |
| 28  | 4.6  | -0.2 | -3.0  | 5.6      | -1.1  | c. at 0000 <sup>H</sup> air frost later bc. at obs/ bc sunny morn. c. after clear even.                                                                                                    |
| 29  | 2.3  | -5.1 | -9.2  | 3.9      | -3.9  | clear at 0000 <sup>H</sup> heavy frost b-bc. freezing at obs/ long sunny period mid-morn - mid-after clear                                                                                 |
| 30  | 2.3  | -4.3 | -7.7  | 5.8      | -0.6  | strong winds S <sub>0</sub> S <sub>0</sub> last hour to obs/ snow and sleet 1000 <sup>H</sup> - 2230 <sup>H</sup> .                                                                        |
| 31  | 2.0  | -1.8 | -1.8  | 5.3      | -1.8  | S <sub>0</sub> S <sub>0</sub> at 0000 <sup>H</sup> fog later and at obs/ clearing early long sunny period to mid-after clear even.                                                         |

19.7.7

SNOW  
OR  
SLT  
Bar

SNOW  
LYING  
9h  
Att.  
Ther.

SNOW  
LYING  
0h-24h  
Day

HAIL  
Wind

ANEMOMETER

FOG.  
0h-24hAIR  
FROSTGROUND  
FROST

GALE

SNOW  
LYING  
HUMIDITY

SNOW LYING

JAN

THUNDER FOG HR

Cloud  
Amount

Vis

Present  
WeatherState of  
Ground

TOTAL FRESH

JANUARY 1977

1

\*

X

||

4

4

2

X

||

01

01

TOTAL RAINFALL (89.4mm) 3.52 ins  
TOTAL SUNSHINE 50.3 HRS.

3

X

||

4

X

||

5

6

||

7

||

8

||

9

\*

||

MAX. TEMP. 10.3°C on 4th  
MIN. TEMP. -4.9°C on 13th  
-5.1°C on 24th  
LOWEST MAX. TEMP. -1.6°C on 12th  
HIGHEST MIN. TEMP. 6.1°C on 5th

10

X

||

11

X

||

4

4

MEAN MAX. TEMP. 4.9°C  
MEAN MIN. TEMP. -0.2°C

12

||

||

X

||

13

||

X

||

4

4

14

X

||

05

05

MEAN TEMP. FOR MONTH. 2.4°C

15

||

16

X

||

MIN. GRASS TEMP. -9.2°C on 29th

17

X

||

18

X

||

F

HIGHEST BAR. M.S.L 1041.0 mm on 7th  
LOWEST BAR. M.S.L 984.4 mm on 25th

19

||

20

||

F

21

F

22

||

HIGHEST DAILY RAINFALL 21.5 mm 20th  
HIGHEST DAILY SUNSHINE 5.0 HRS 10th

23

||

24

||

25

||

26

||

||

27

||

X

||

28

X

||

29

X

||

30

X

||

4

4

31

||

||

X

||

4

4

1

1

2

6

17

29

3

7

19.77.

## ANEMOMETER

## RAINFALL

## SUNSHINE

## EARTH TEMPERATURE

Bar

Att.  
Ther.

**Dry**

Wet

DIR.

FOREG

Cloud Amount

Vis.

### Present Weather

State of  
Ground

DRINK

TOTAL

Daily ✓

Total

3000

100 3.5

FEB

|    |        |      |      |      |    |    |   |   |    |   |      |       |     |      |     |     |
|----|--------|------|------|------|----|----|---|---|----|---|------|-------|-----|------|-----|-----|
| 1  | 1010.0 | 17.0 | -1.4 | -1.8 | 23 | 05 | 2 | 7 | 02 | 3 | 1.0  | 1.0   | 0.0 | 0.0  | 2.4 | 5.0 |
| 2  | 1001.1 | 14.4 | 3.1  | 3.0  | 23 | 05 | 7 | 6 | 10 | 1 | 8.3  | 9.3   | 0.2 | 0.2  | 2.3 | 4.9 |
| 3  | 987.2  | 15.0 | 4.0  | 3.5  | 23 | 19 | 4 | 8 | 01 | 7 | 1.5  | 10.8  | 5.7 | 5.9  | 3.0 | 4.7 |
| 4  | 1003.2 | 17.2 | 1.5  | 1.3  | 00 | 00 | 6 | 7 | 02 | 4 | 4.6  | 15.4  | 0.3 | 6.2  | 3.2 | 4.7 |
| 5  | 998.9  | 15.4 | 5.6  | 4.5  | 20 | 13 | 8 | 8 | 20 | 1 | 0.9  | 16.3  | 2.3 | 8.5  | 3.5 | 4.9 |
| 6  | 1003.8 | 15.5 | -0.5 | -0.6 | 00 | 00 | 8 | 5 | 10 | 3 | 5.3  | 21.6  | 0.0 | 8.5  | 3.5 | 5.0 |
| 7  | 994.5  | 15.0 | 5.2  | 4.5  | 23 | 19 | 7 | 8 | 01 | 1 | 0.7  | 22.3  | 1.7 | 10.2 | 3.8 | 5.0 |
| 8  | 1005.3 | 16.0 | 2.8  | 2.7  | 23 | 05 | 8 | 3 | 46 | 1 | 1.1  | 23.4  | 0.0 | 10.2 | 3.9 | 5.0 |
| 9  | 1000.1 | 15.8 | 8.3  | 8.0  | 14 | 05 | 8 | 6 | 50 | 1 | 5.8  | 29.2  | 0.0 | 10.2 | 4.1 | 5.0 |
| 10 | 978.8  | 17.9 | 07.7 | 7.6  | 14 | 05 | 8 | 4 | 10 | 1 | 21.9 | 51.1  | 0.0 | 10.2 | 5.0 | 5.1 |
| 11 | 984.1  | 15.6 | 3.1  | 3.0  | 00 | 00 | 8 | 6 | 63 | 2 | 9.8  | 60.9  | 0.0 | 10.2 | 5.0 | 5.2 |
| 12 | 992.6  | 11.7 | 2.1  | 1.8  | 11 | 13 | 8 | 7 | 02 | 1 | 2.6  | 63.5  | 0.0 | 10.2 | 4.8 | 5.4 |
| 13 | 995.6  | 11.2 | 4.4  | 3.6  | 14 | 05 | 8 | 7 | 52 | 1 | 5.1  | 68.6  | 2.4 | 12.6 | 4.5 | 5.5 |
| 14 | 1001.5 | 13.5 | 6.0  | 5.7  | 14 | 13 | 8 | 7 | 51 | 2 | 0.5  | 69.1  | 0.4 | 13.0 | 4.5 | 5.5 |
| 15 | 1002.4 | 15.0 | 2.5  | 1.7  | 14 | 13 | 4 | 7 | 02 | 1 | 4.3  | 73.4  | 0.8 | 13.8 | 4.4 | 6.5 |
| 16 | 1000.3 | 19.0 | 0.7  | 0.4  | 23 | 09 | 3 | 7 | 02 | 3 | 0.5  | 73.9  | 6.4 | 20.2 | 4.0 | 6.5 |
| 17 | 993.8  | 14.0 | 5.6  | 5.0  | 14 | 19 | 8 | 7 | 61 | 1 | 18.4 | 92.3  | 0.0 | 20.2 | 4.0 | 5.5 |
| 18 | 989.8  | 18.0 | 5.3  | 4.7  | 23 | 09 | 8 | 8 | 20 | 2 | 1.6  | 93.9  | 3.2 | 23.4 | 4.4 | 6.4 |
| 19 | 993.4  | 11.3 | 3.7  | 3.4  | 23 | 09 | 5 | 8 | 03 | 1 | 2.3  | 96.2  | 2.9 | 26.3 | 4.5 | 5.5 |
| 20 | 985.0  | 11.0 | 4.4  | 3.6  | 09 | 13 | 8 | 7 | 51 | 1 | 3.8  | 100.0 | 0.0 | 26.3 | 4.5 | 5.5 |
| 21 | 984.3  | 14.1 | 3.8  | 3.6  | 05 | 05 | 8 | 6 | 10 | 1 | 8.0  | 108.0 | 0.0 | 26.3 | 4.5 | 5.5 |
| 22 | 992.5  | 16.2 | 5.0  | 4.9  | 05 | 05 | 8 | 6 | 51 | 2 | 0.4  | 108.4 | 0.0 | 26.3 | 4.7 | 5.5 |
| 23 | 1008.4 | 15.1 | 3.0  | 2.0  | 05 | 09 | 7 | 7 | 03 | 1 | 4    | 108.4 | 2.5 | 28.8 | 5.0 | 5.6 |
| 24 | 1009.7 | 15.4 | 3.1  | 1.7  | 05 | 13 | 8 | 7 | 02 | 1 | 1.2  | 109.6 | 0.0 | 28.8 | 4.8 | 5.6 |
| 25 | 1013.4 | 16.0 | 2.3  | 1.3  | 05 | 05 | 7 | 7 | 02 | 1 | 4    | 109.6 | 0.2 | 29.0 | 4.5 | 5.6 |
| 26 | 1024.0 | 15.0 | 2.1  | 1.6  | 00 | 00 | 8 | 7 | 50 | 1 | 4    | 109.6 | 4.4 | 38.4 | 4.6 | 5.6 |
| 27 | 1022.5 | 14.8 | 2.5  | 0.7  | 14 | 08 | 6 | 8 | 02 | 1 | 0.0  | 109.6 | 6.3 | 39.7 | 4.1 | 5.6 |
| 28 | 1029.6 | 15.5 | 3.6  | 1.8  | 14 | 19 | 6 | 7 | 02 | 1 | 6.7  | 116.3 | 0.3 | 40.0 | 4.0 | 5.6 |

19.77

TEMPERATURE

HUMIDITY

VAPOUR  
DEW  
PRESSURE POINT

FEB.

MAX

MIN

GRASS

PRESSURE

POINT

REMARKS:—

|    |     |      |      |      |      |                                                                                                                                                                                                                             |
|----|-----|------|------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 5.7 | -2.5 | -5.9 | 5.0  | -2.8 | clear at 0000 <sup>h</sup> freezing b-bc at obs/ O. day f. 1010 <sup>h</sup> .                                                                                                                                              |
| 2  | 9.0 | -1.9 | -5.0 | 7.5  | 2.8  | O. at 0000 <sup>h</sup> with some rain O. mist at obs/ O-c. day r. 1745 <sup>h</sup> - 2300 <sup>h</sup> with strong wind                                                                                                   |
| 3  | 6.9 | 2.7  | -0.6 | 7.4  | 2.7  | r. 10015 <sup>h</sup> - 0210 <sup>h</sup> . P. 0240 <sup>h</sup> . c. at obs/ c-bc sunny morn f. 1420 <sup>h</sup> , 1500 <sup>h</sup> c-o. after f. 2030 <sup>h</sup>                                                      |
| 4  | 7.6 | 1.0  | -3.6 | 6.6  | 1.0  | O. at 0000 <sup>h</sup> frost later O-c at obs/ O. day very little sunshine RR-r. 1830 <sup>h</sup> - 2100 <sup>h</sup> .                                                                                                   |
| 5  | 7.8 | 0.5  | -1.7 | 7.5  | 2.9  | c. at 0000 <sup>h</sup> f. 0400 <sup>h</sup> , 0530 <sup>h</sup> , f. 0700 <sup>h</sup> some id. near obs/ f. 0940 <sup>h</sup> clearing long sunny period morn.                                                            |
| 6  | 9.0 | -1.7 | -4.9 | 5.7  | -0.8 | frost clear at 0000 <sup>h</sup> . heavy frost O. mist at obs/ O. day r. 15. 15. 1450 <sup>h</sup> - 2100 <sup>h</sup> strong wind even.                                                                                    |
| 7  | 6.9 | -0.5 | -0.1 | 7.9  | 3.5  | r. 05. 2250 <sup>h</sup> - 0015 <sup>h</sup> O-c at obs/ c. day short scattered sunny periods f. 1620 <sup>h</sup> , 2010 <sup>h</sup> , f. 2050 <sup>h</sup> .                                                             |
| 8  | 6.1 | 1.9  | -2.0 | 7.4  | 2.6  | c. at 0000 <sup>h</sup> fog appearing last hour tools/ fog clearing morn. O. day mild. O. even.                                                                                                                             |
| 9  | 9.2 | 2.7  | 0.2  | 10.5 | 7.7  | some id. bef. 0000 <sup>h</sup> . r. 0500 <sup>h</sup> - 0630 <sup>h</sup> . r. 0620 <sup>h</sup> bec. id. at obs/ O. day r. 1100 <sup>h</sup> - 1500 <sup>h</sup> . f. 1855 <sup>h</sup> .                                 |
| 10 | 7.9 | 7.2  | 4.9  | 10.4 | 7.5  | O. at 0000 <sup>h</sup> r. 10050 <sup>h</sup> - 0535 <sup>h</sup> heavy mist at obs/ O. wet day f. 1030 <sup>h</sup> . RR-r. 1400 <sup>h</sup> - 2100 <sup>h</sup> .                                                        |
| 11 | 4.0 | 2.6  | 2.7  | 7.5  | 2.8  | r. during night and at obs/ O. day r. 1410 <sup>h</sup> . r. 2150 <sup>h</sup> - 2300 <sup>h</sup> .                                                                                                                        |
| 12 | 4.5 | 1.1  | 0.5  | 6.7  | 1.3  | r. 15. 0100 <sup>h</sup> - 0400 <sup>h</sup> . r. 15. 0450 <sup>h</sup> - 0700 <sup>h</sup> . O. at obs/ O. day f. 1145 <sup>h</sup> f. 1600 <sup>h</sup> f. 2030 <sup>h</sup> . r. 2115 <sup>h</sup> - 2210 <sup>h</sup> . |
| 13 | 8.1 | 1.9  | -1.0 | 7.3  | 2.4  | O. at 0000 <sup>h</sup> O. id. at obs/ O. morn f. 0910 <sup>h</sup> long sunny period early after c. even.                                                                                                                  |
| 14 | 6.1 | 3.4  | -0.9 | 8.9  | 5.3  | O. at 0000 <sup>h</sup> r. 0100 <sup>h</sup> - 0230 <sup>h</sup> bec. r. 150350 <sup>h</sup> . r. 150625 <sup>h</sup> - 0800 <sup>h</sup> bec. r. 150 at obs/ - 1100 <sup>h</sup> sunny period mid.                         |
| 15 | 6.2 | 0.4  | -4.3 | 6.3  | 0.4  | c-bc at 0000 <sup>h</sup> bc sunny period at obs/ c. day r. 1400 <sup>h</sup> - 1610 <sup>h</sup> c. even r. 1945 <sup>h</sup> - 2105 <sup>h</sup> .                                                                        |
| 16 | 7.2 | -0.2 | -3.9 | 6.0  | -0.2 | c-o. at 0000 <sup>h</sup> air frost later bc at obs/ bc day cont. sunshine to mid after later c.                                                                                                                            |
| 17 | 7.1 | 0.4  | -1.5 | 8.2  | 4.2  | c. at 0000 <sup>h</sup> r. 0830 <sup>h</sup> - obs/ - r. 151610 <sup>h</sup> f. 1840 <sup>h</sup>                                                                                                                           |
| 18 | 7.8 | 4.0  | 3.3  | 8.0  | 3.8  | f. 0030 <sup>h</sup> r. RR 0100 <sup>h</sup> - 0230 <sup>h</sup> some id. near obs/ c. day mild scattered sunny periods clear even.                                                                                         |
| 19 | 9.1 | 2.4  | -0.7 | 7.5  | 2.9  | clear at 0000 <sup>h</sup> r. 10450 <sup>h</sup> - 0630 <sup>h</sup> bec. r. 150 - 0650 <sup>h</sup> c. at obs/ c. day scattered sunny periods f. 1510 <sup>h</sup> f. 1800 <sup>h</sup> f. 1830 <sup>h</sup>               |
| 20 | 4.3 | 2.6  | -1.2 | 7.2  | 2.4  | f. 0240 <sup>h</sup> r. 10320 <sup>h</sup> - 0400 <sup>h</sup> bec. r. 150 to 0730 <sup>h</sup> d. at obs/ - 0920 <sup>h</sup> r. 150 - 1630 <sup>h</sup> f. 2130 <sup>h</sup> - 2230 <sup>h</sup> .                        |
| 21 | 5.1 | 3.4  | 3.3  | 7.8  | 3.3  | O. at 0000 <sup>h</sup> . O. mist at obs/ O. wet day r. 1100 <sup>h</sup> - 1120 <sup>h</sup> . bec. r. 150 1630 <sup>h</sup> . r. 2140 <sup>h</sup> - 0000 <sup>h</sup> .                                                  |
| 22 | 7.6 | 3.0  | 3.1  | 8.6  | 4.7  | r. 150 0000 <sup>h</sup> - 0030 <sup>h</sup> RR-r. 150 0230 <sup>h</sup> - 0610 <sup>h</sup> d. at obs/ some id. morn. f. 1055 <sup>h</sup> . c. after and even.                                                            |
| 23 | 5.4 | 1.9  | -0.7 | 6.3  | 0.3  | slight ground frost during night O. earlier at obs/ c. morn scattered sunny periods cool after O. even.                                                                                                                     |
| 24 | 4.3 | 1.5  | 0.7  | 5.7  | -0.8 | O. at 0200 <sup>h</sup> some id. 0600 <sup>h</sup> O. cold at obs/ O. day cold. r. 150 2000 <sup>h</sup> - 2130 <sup>h</sup> .                                                                                              |
| 25 | 4.2 | 0.7  | 0.0  | 5.9  | -0.4 | O. at 0000 <sup>h</sup> . O. cold at obs/ Many O-c. cold day very little sunshine. O. even.                                                                                                                                 |
| 26 | 6.0 | 1.2  | 0.6  | 6.4  | 0.7  | O. at 0100 <sup>h</sup> O. some id. at obs/ c. morn c-bc sunny after clear even                                                                                                                                             |
| 27 | 5.6 | -1.7 | -6.2 | 5.0  | -2.8 | c. at 0000 <sup>h</sup> air frost c. at obs/ c-bc sunny day fresh wind after c. even                                                                                                                                        |
| 28 | 7.6 | 2.1  | -1.6 | 5.5  | -1.4 | c-o. at 0000 <sup>h</sup> c. at obs/ c-o. day very little sunshine wind fresh but strong r. 150 1800 <sup>h</sup> - 2100 <sup>h</sup> bec                                                                                   |
| 29 |     |      |      |      |      |                                                                                                                                                                                                                             |
| 30 |     |      |      |      |      |                                                                                                                                                                                                                             |
| 31 |     |      |      |      |      |                                                                                                                                                                                                                             |

r. RR 2140<sup>h</sup>



19.7.7.

MARCH

|    |        |      |      |     |    |    |   |   |    |   |     |      |     |      |     |     |
|----|--------|------|------|-----|----|----|---|---|----|---|-----|------|-----|------|-----|-----|
| 1  | 1022.0 | 16.3 | 7.7  | 7.5 | 18 | 05 | 8 | 7 | 51 | 2 | 1.9 | 1.9  | 0.0 | 0.0  | 4.2 | 5.5 |
| 2  | 1016.1 | 16.3 | 8.9  | 7.7 | 20 | 09 | 8 | 8 | 02 | 1 | 1.9 | 3.8  | 0.0 | 0.0  | 5.4 | 5.5 |
| 3  | 1015.7 | 18.4 | 7.8  | 6.8 | 23 | 13 | 8 | 8 | 03 | 1 | 1.6 | 5.4  | 0.0 | 0.0  | 6.0 | 5.6 |
| 4  | 1018.0 | 18.0 | 6.3  | 4.4 | 23 | 19 | 3 | 8 | 02 | 1 | 0.5 | 5.9  | 7.8 | 7.8  | 6.2 | 5.9 |
| 5  | 1022.4 | 18.0 | 7.4  | 5.8 | 23 | 13 | 4 | 8 | 01 | 1 | 4   | 5.9  | 5.1 | 12.9 | 6.0 | 6.0 |
| 6  | 1020.6 | 18.0 | 6.1  | 5.7 | 20 | 05 | 8 | 7 | 02 | 1 | 0.0 | 5.9  | 0.0 | 12.9 | 6.1 | 6.1 |
| 7  | 1006.1 | 17.0 | 8.6  | 7.1 | 14 | 24 | 8 | 7 | 02 | 1 | 2.6 | 8.5  | 1.3 | 14.2 | 6.2 | 6.2 |
| 8  | 1015.6 | 17.8 | 8.8  | 7.4 | 18 | 30 | 7 | 7 | 02 | 1 | 4   | 8.5  | 2.6 | 16.8 | 6.2 | 6.3 |
| 9  | 1000.6 | 18.0 | 9.2  | 7.9 | 14 | 24 | 8 | 7 | 50 | 1 | 5.8 | 14.3 | 0.4 | 17.2 | 6.8 | 6.4 |
| 10 | 996.6  | 17.4 | 8.0  | 7.1 | 14 | 37 | 8 | 6 | 61 | 1 | 6.1 | 20.4 | 0.1 | 17.3 | 6.4 | 6.4 |
| 11 | 987.7  | 16.5 | 6.8  | 5.8 | 23 | 19 | 6 | 7 | 01 | 2 | 0.5 | 20.9 | 2.2 | 19.5 | 6.7 | 6.5 |
| 12 | 1000.8 | 11.2 | 4.6  | 3.4 | 23 | 09 | 1 | 8 | 02 | 1 | 0.5 | 21.4 | 7.7 | 27.2 | 6.4 | 6.6 |
| 13 | 1002.2 | 16.0 | 6.0  | 5.5 | 14 | 05 | 8 | 6 | 51 | 1 | 5.0 | 26.4 | 0.0 | 27.2 | 6.2 | 6.6 |
| 14 | 996.8  | 16.9 | 5.2  | 4.0 | 23 | 19 | 4 | 8 | 01 | 1 | 0.5 | 26.9 | 5.1 | 32.3 | 6.4 | 6.7 |
| 15 | 1005.9 | 17.0 | 9.2  | 7.3 | 14 | 19 | 8 | 7 | 03 | 1 | 4.4 | 31.3 | 0.6 | 32.8 | 6.5 | 6.7 |
| 16 | 998.8  | 16.0 | 5.9  | 4.5 | 18 | 19 | 2 | 8 | 02 | 1 | 0.3 | 31.6 | 8.9 | 41.8 | 6.5 | 6.7 |
| 17 | 994.9  | 16.1 | 7.0  | 5.6 | 20 | 19 | 6 | 8 | 02 | 1 | 2.8 | 34.4 | 0.8 | 42.6 | 6.5 | 6.7 |
| 18 | 994.6  | 17.0 | 6.8  | 6.3 | 20 | 09 | 8 | 7 | 50 | 1 | 4.7 | 39.1 | 2.7 | 45.3 | 6.8 | 6.8 |
| 19 | 1003.1 | 13.0 | 6.9  | 6.1 | 23 | 05 | 7 | 8 | 03 | 1 | 3.3 | 42.4 | 2.2 | 47.5 | 7.0 | 6.9 |
| 20 | 1018.5 | 11.3 | 6.5  | 5.5 | 36 | 05 | 8 | 7 | 02 | 1 | 4   | 42.4 | 2.4 | 49.9 | 7.0 | 7.0 |
| 21 | 1026.1 | 15.9 | 4.9  | 3.2 | 05 | 09 | 6 | 8 | 02 | 1 | 0.0 | 42.4 | 4.5 | 54.4 | 6.8 | 7.0 |
| 22 | 1022.3 | 16.4 | 5.8  | 4.1 | 05 | 09 | 7 | 7 | 03 | 1 | 0.5 | 42.9 | 1.3 | 55.7 | 6.9 | 7.0 |
| 23 | 1020.0 | 22.0 | 4.6  | 4.1 | 05 | 09 | 8 | 6 | 20 | 1 | 0.1 | 43.0 | 0.0 | 55.7 | 7.0 | 7.0 |
| 24 | 1022.1 | 17.3 | 6.1  | 5.5 | 11 | 02 | 8 | 6 | 05 | 1 | 4   | 43.0 | 1.6 | 57.3 | 6.5 | 7.0 |
| 25 | 1024.4 | 15.9 | 6.9  | 6.0 | 14 | 09 | 8 | 5 | 51 | 1 | 3.7 | 46.7 | 0.0 | 57.3 | 6.7 | 7.1 |
| 26 | 1017.7 | 15.0 | 7.3  | 6.6 | 14 | 05 | 8 | 5 | 61 | 1 | 6.1 | 51.8 | 0.0 | 57.3 | 6.8 | 7.0 |
| 27 | 1017.7 | 14.3 | 3.2  | 1.7 | 05 | 13 | 5 | 8 | 01 | 1 | 4   | 51.8 | 6.3 | 63.6 | 7.0 | 7.1 |
| 28 | 1031.5 | 13.0 | 2.8  | 0.7 | 02 | 05 | 4 | 8 | 03 | 1 | 0.0 | 51.8 | 7.1 | 70.9 | 6.4 | 7.1 |
| 29 | 1033.8 | 14.4 | 3.2  | 2.1 | 32 | 05 | 8 | 8 | 02 | 1 | 0.0 | 51.8 | 0.1 | 70.8 | 6.1 | 7.1 |
| 30 | 1020.8 | 15.0 | 3.5  | 2.2 | 18 | 19 | 8 | 7 | 50 | 1 | 8.9 | 60.7 | 0.0 | 70.8 | 6.5 | 7.1 |
| 31 | 998.5  | 15.5 | 10.8 | 9.6 | 23 | 24 | 4 | 8 | 01 | 1 | 3.9 | 64.6 | 6.2 | 77.0 | 6.6 | 7.0 |

19.7.7  
MARCH.

MAXIMUM

MINIMUM

GRASS

VAPOR

PRESSURE

DEW  
POINT

REMARKS

|    |      |      |      |      |      |                                                                                                                                                                                                                                  |
|----|------|------|------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 11.2 | 3.3  | 2.5  | 10.2 | 7.3  | O. at 0000 <sup>h</sup> 10.0530 <sup>h</sup> -0650 <sup>h</sup> bc 110830 <sup>h</sup> d. at obs/ O. day 11115 <sup>h</sup> -1215 <sup>h</sup> p. 2015 <sup>h</sup> p. 2145 <sup>h</sup>                                         |
| 2  | 14.1 | 7.5  | 4.2  | 9.5  | 6.3  | O. at 0000 <sup>h</sup> . O. at obs/ O. mild day p. 1940 <sup>h</sup> . O. even. p. 2200 <sup>h</sup> .                                                                                                                          |
| 3  | 9.9  | 6.3  | 2.6  | 9.1  | 5.6  | O. at 0000 <sup>h</sup> O. mild at obs/ O. mild day O. even. P. 2355 <sup>h</sup> .                                                                                                                                              |
| 4  | 10.6 | 3.5  | 0.0  | 6.8  | 1.6  | p. 0540 <sup>h</sup> some 10% after 0700 <sup>h</sup> . bc sunny at obs/ bc sunny day strong breeze after. c. even.                                                                                                              |
| 5  | 11.7 | 5.5  | 0.7  | 8.0  | 3.7  | 10.0015 <sup>h</sup> -0100 <sup>h</sup> c-bc at obs/ bc-c. sunny mild day.                                                                                                                                                       |
| 6  | 8.5  | 5.2  | 0.2  | 8.9  | 5.2  | c-o. at 0000 <sup>h</sup> . O. mild at obs/ O. mild day O. even increasing wind. P. 1720 <sup>h</sup> bc even                                                                                                                    |
| 7  | 11.5 | 5.8  | 1.4  | 8.9  | 5.3  | O. at 0000 <sup>h</sup> . O. mild at obs/ O. morn 12.01230 <sup>h</sup> -1350 <sup>h</sup> showy after sunny periods. PH. 1610 <sup>h</sup> . P. 1645 <sup>h</sup> .                                                             |
| 8  | 12.5 | 4.6  | 1.2  | 9.2  | 5.7  | c-o. at obs/ clearing sunny periods morn. O. after gale free winds at times. O. even.                                                                                                                                            |
| 9  | 11.1 | 8.4  | 6.8  | 9.6  | 6.4  | O. at 0000 <sup>h</sup> . O. some 10% at obs/ O. wet day very little sunshine p. 0920 <sup>h</sup> 111200 <sup>h</sup> -1255 <sup>h</sup> bc RR-11/610 <sup>h</sup> .                                                            |
| 10 | 10.0 | 3.3  | -0.5 | 9.4  | 6.0  | c. at 0000 <sup>h</sup> 10.0 last hour to obs/ gale free winds/ O. mild day 10.1100 <sup>h</sup> -1216 <sup>h</sup> p. 1440 <sup>h</sup> , 1245 <sup>h</sup> . P. 1530 <sup>h</sup> O. even                                      |
| 11 | 9.7  | 6.2  | 5.5  | 8.4  | 4.5  | O. at 0000 <sup>h</sup> 110415 <sup>h</sup> -0700 <sup>h</sup> C. at obs/ c. day short sunny periods after p. 1430 <sup>h</sup> , 1540 <sup>h</sup> clear even.                                                                  |
| 12 | 10.1 | 1.1  | -2.1 | 6.8  | 1.5  | quite clear at 0000 <sup>h</sup> . p. 0740 <sup>h</sup> b. sunny morn/ b-bc sunny day clear even.                                                                                                                                |
| 13 | 8.0  | 3.7  | -0.1 | 8.6  | 4.8  | b-bc at 0000 <sup>h</sup> p. 0230 <sup>h</sup> p. 0330 <sup>h</sup> d. d. 0830 <sup>h</sup> -0900 <sup>h</sup> p. 1030 <sup>h</sup> dull day p. 1440 <sup>h</sup> , 1450 <sup>h</sup> 111800 <sup>h</sup> -2110 <sup>h</sup> .   |
| 14 | 9.7  | 3.9  | 1.9  | 7.1  | 2.2  | c. at 0000 <sup>h</sup> c-bc at obs/ bc morn cont. sunshine clouding sunny period late after P. 1445 <sup>h</sup> .                                                                                                              |
| 15 | 10.2 | 4.9  | 1.6  | 8.7  | 5.0  | c-o. at 0000 <sup>h</sup> sunny period morn O. at obs/ O. c. day strong gale force winds 111120 <sup>h</sup> -1500 <sup>h</sup> .                                                                                                |
| 16 | 11.3 | 3.6  | 0.6  | 7.3  | 2.5  | p. 0000 <sup>h</sup> b. long sunny period to obs/ b-bc day cont. sunshine c. even. p. 2240 <sup>h</sup> .                                                                                                                        |
| 17 | 10.9 | 5.5  | 3.1  | 8.0  | 3.7  | p. 0630 <sup>h</sup> o-c at obs/ o-c. day very short scattered sunny periods P. 1615 <sup>h</sup> p. 1830 <sup>h</sup> . p. 2300 <sup>h</sup>                                                                                    |
| 18 | 10.2 | 5.2  | 2.5  | 9.2  | 5.7  | c. at 0000 <sup>h</sup> 1110540 <sup>h</sup> -0830 <sup>h</sup> bc 10% at obs/ showy day P. 0930 <sup>h</sup> P. 1155 <sup>h</sup> , 1400 <sup>h</sup> , 1445 <sup>h</sup> . p. 1720 <sup>h</sup> , 1800 <sup>h</sup> .          |
| 19 | 10.0 | 3.8  | 0.4  | 8.7  | 5.1  | 10% at 0000 <sup>h</sup> d. d. 0340 <sup>h</sup> -0430 <sup>h</sup> O. at obs/ c-o. day short sunny periods after. PH. 1240 <sup>h</sup> . P. 1040 <sup>h</sup> .                                                                |
| 20 | 9.6  | 4.2  | 1.7  | 8.2  | 4.2  | c. at 0000 <sup>h</sup> O. at obs/ O. morn sunny periods after. c. even.                                                                                                                                                         |
| 21 | 7.9  | 1.8  | -1.3 | 6.3  | 0.5  | c. at 0000 <sup>h</sup> sunny period at obs/ c. sunny day c. even.                                                                                                                                                               |
| 22 | 7.5  | 2.4  | 0.1  | 6.8  | 1.5  | c. at 0000 <sup>h</sup> c. sunny period near obs/ mainly c-o. day with some scattered sunshine                                                                                                                                   |
| 23 | 7.2  | 3.7  | 3.0  | 7.7  | 3.3  | O. at 0000 <sup>h</sup> 10.0640 <sup>h</sup> -0740 <sup>h</sup> bc 10% to near obs/ O. cold morn. O. after. c. even                                                                                                              |
| 24 | 10.8 | 3.3  | -0.7 | 8.5  | 4.7  | O. at 0000 <sup>h</sup> O. some haze at obs/ o-c. spring day sunny period early after. c-bc. even                                                                                                                                |
| 25 | 8.3  | 2.0  | -1.9 | 8.6  | 4.8  | c-bc at 0000 <sup>h</sup> some d. d. last hour to obs/ O. day 10.0920 <sup>h</sup> -1245 <sup>h</sup> 10.1640 <sup>h</sup> -1800 <sup>h</sup> . O. even. p. 2330 <sup>h</sup>                                                    |
| 26 | 8.1  | 6.0  | 5.3  | 9.2  | 5.8  | O. at obs 110310 <sup>h</sup> -0445 <sup>h</sup> . 10.0830 <sup>h</sup> -0900 <sup>h</sup> 1110330 <sup>h</sup> . 10.1400 <sup>h</sup> -1450 <sup>h</sup> .                                                                      |
| 27 | 5.9  | 2.2  | 1.9  | 5.7  | -1.0 | O. at 0000 <sup>h</sup> c. at obs/ c-bc sunny day p. 1100 <sup>h</sup> . clear even.                                                                                                                                             |
| 28 | 7.4  | -3.4 | -8.1 | 4.7  | -3.5 | b. at 0000 <sup>h</sup> . air fast during night bc sunny period to obs/ bc-c. sunny day c. even                                                                                                                                  |
| 29 | 8.5  | -0.6 | -6.1 | 6.2  | 0.3  | slight air fast O. at obs/ O. day O. even                                                                                                                                                                                        |
| 30 | 10.6 | 2.1  | 1.7  | 6.1  | 0.0  | O. at 0000 <sup>h</sup> . 10% at obs/ 10.1100 <sup>h</sup> , 10.1600 <sup>h</sup> -0000 <sup>h</sup> .                                                                                                                           |
| 31 | 13.6 | 3.0  | 2.9  | 10.9 | 8.3  | 10.0000 <sup>h</sup> -0020 <sup>h</sup> bc 1110420 <sup>h</sup> strong winds during night c. at obs/ c-bc sunny day p. 1250 <sup>h</sup> p. 2000 <sup>h</sup> gale free winds even p. 2145 <sup>h</sup> . p. 2330 <sup>h</sup> . |

| 19..77. | SNOW<br>SLERT | SNOW<br>LYING | SNOW<br>LYING | HAIL | ANEMOMETER      | FOG.   | AIR   | (GROUND) | GALE            | SNOW<br>LYING | SUNSHINE    | EARTH TEMPERATURE                      |
|---------|---------------|---------------|---------------|------|-----------------|--------|-------|----------|-----------------|---------------|-------------|----------------------------------------|
| MARCH   | Bar           | 9h            | 0h-24h        | Wet  | THUNDER FOG 9hr | 0h-24h | FROST | FROST    | State of Ground | RAINFALL      | TOTAL FRESH | MARCH 1977                             |
| 1       |               |               |               |      |                 |        |       |          |                 |               |             |                                        |
| 2       |               |               |               |      |                 |        |       |          |                 |               |             | TOTAL RAINFALL (64.6 mm) 2.54 ins      |
| 3       |               |               |               |      |                 |        |       |          |                 |               |             | TOTAL SUNSHINE 77 HRS                  |
| 4       |               |               |               |      |                 |        |       |          |                 |               |             |                                        |
| 5       |               |               |               |      |                 |        |       |          |                 |               |             | MAX. TEMP. 14.1°C on 2nd               |
| 6       |               |               |               |      |                 |        |       |          |                 |               |             | MIN. TEMP. -3.4°C on 28th              |
| 7       |               |               |               | ▲    |                 |        |       |          |                 |               |             |                                        |
| 8       |               |               |               |      |                 |        |       |          | F               |               |             | LOWEST MAX. TEMP 5.9°C on 27th         |
| 9       |               |               |               |      |                 |        |       |          |                 |               |             | HIGHEST MIN. TEMP 8.4°C on 9th         |
| 10      |               |               |               |      |                 |        |       | L        | F               |               |             |                                        |
| 11      |               |               |               |      |                 |        |       |          |                 |               |             | MEAN MAX. TEMP 9.9°C                   |
| 12      |               |               |               |      |                 |        |       | L        |                 |               |             | MEAN MIN. TEMP 3.8°C                   |
| 13      |               |               |               |      |                 |        |       | L        |                 |               |             |                                        |
| 14      |               |               |               |      |                 |        |       |          |                 |               |             | MEAN TEMP. FOR MONTH. 6.9°C            |
| 15      |               |               |               |      |                 |        |       |          | F               |               |             |                                        |
| 16      |               |               |               |      |                 |        |       |          |                 |               |             | MIN. GRASS TEMP. -8.1 on 28th          |
| 17      |               |               |               |      |                 |        |       |          |                 |               |             |                                        |
| 18      |               |               |               |      |                 |        |       |          |                 |               |             | HIGHEST BAR. M.S.L 1033.8 mb on 29th   |
| 19      |               |               |               | ▲    |                 |        |       |          |                 |               |             | LOWEST BAR. M.S.L 987.7 mb on 11th     |
| 20      |               |               |               |      |                 |        |       |          |                 |               |             |                                        |
| 21      |               |               |               |      |                 |        |       | L        |                 |               |             | HIGHEST DAILY RAINFALL 8.9 mm 30th     |
| 22      |               |               |               |      |                 |        |       |          |                 |               |             | HIGHEST DAILY SUNSHINE 8.9 hrs on 16th |
| 23      |               |               |               |      |                 |        |       |          |                 |               |             |                                        |
| 24      |               |               |               |      |                 |        |       | L        |                 |               |             |                                        |
| 25      |               |               |               |      |                 |        |       | L        |                 |               |             |                                        |
| 26      |               |               |               |      |                 |        |       |          |                 |               |             |                                        |
| 27      | *             |               |               |      |                 |        |       |          |                 |               |             |                                        |
| 28      |               |               |               |      |                 |        | X     | L        |                 |               |             |                                        |
| 29      |               |               |               |      |                 |        | X     | L        |                 |               |             |                                        |
| 30      |               |               |               |      |                 |        |       |          |                 |               |             |                                        |
| 31      |               |               |               |      |                 |        |       |          |                 |               |             |                                        |
|         | 1             |               |               | 2    |                 |        | 2     | 8        | 12              |               |             |                                        |

19.77

ARRIL

|    |        |      |      |      |    |    |   |   |    |   |      |      |     |       |      |     |
|----|--------|------|------|------|----|----|---|---|----|---|------|------|-----|-------|------|-----|
| 1  | 981.3  | 15.2 | 7.1  | 5.2  | 23 | 30 | 8 | 7 | 61 | 1 | 1.6  | 1.6  | 5.6 | 5.6   | 7.6  | 7.1 |
| 2  | 1003.7 | 14.1 | 5.5  | 4.0  | 25 | 09 | 2 | 8 | 02 | 1 | 2.2  | 3.8  | 6.1 | 11.7  | 7.5  | 7.3 |
| 3  | 1006.6 | 14.0 | 5.5  | 4.3  | 36 | 24 | 8 | 8 | 02 | 1 | 0.4  | 4.2  | 2.5 | 14.2  | 7.0  | 7.4 |
| 4  | 1021.2 | 13.4 | 3.5  | 2.7  | 32 | 05 | 8 | 8 | 20 | 1 | 0.2  | 4.4  | 1.9 | 16.1  | 6.7  | 7.4 |
| 5  | 1023.8 | 15.3 | 8.8  | 7.4  | 27 | 05 | 7 | 8 | 03 | 1 | 0.5  | 4.8  | 0.8 | 16.9  | 7.2  | 7.5 |
| 6  | 1019.5 | 18.0 | 6.8  | 4.5  | 36 | 13 | 7 | 8 | 03 | 1 | 0.0  | 4.9  | 7.5 | 24.4  | 7.5  | 7.4 |
| 7  | 1022.3 | 16.2 | 5.5  | 3.2  | 36 | 09 | 6 | 8 | 26 | 1 | 0.6  | 5.5  | 8.8 | 33.2  | 7.5  | 7.5 |
| 8  | 1020.4 | 15.0 | 3.5  | 2.7  | 32 | 05 | 8 | 7 | 50 | 1 | 2.3  | 7.8  | 0.1 | 33.3  | 6.9  | 7.4 |
| 9  | 1018.2 | 13.4 | 4.5  | 3.5  | 00 | 00 | 0 | 7 | 02 | 1 | 1.2  | 9.0  | 5.8 | 39.1  | 6.9  | 7.5 |
| 10 | 1018.0 | 15.7 | 7.1  | 6.2  | 02 | 05 | 5 | 8 | 01 | 1 | 1.5  | 10.5 | 3.9 | 43.0  | 7.6  | 7.5 |
| 11 | 1022.1 | 15.2 | 6.3  | 5.8  | 23 | 05 | 8 | 6 | 02 | 1 | 3.5  | 14.0 | 0.0 | 43.0  | 7.9  | 7.5 |
| 12 | 1016.1 | 16.4 | 10.7 | 10.0 | 25 | 13 | 8 | 7 | 02 | 1 | 0.8  | 14.8 | 0.8 | 43.8  | 8.4  | 7.6 |
| 13 | 1018.2 | 16.1 | 8.2  | 6.2  | 23 | 13 | 8 | 8 | 61 | 1 | 1.5  | 16.3 | 7.6 | 51.4  | 8.7  | 7.8 |
| 14 | 1021.1 | 14.4 | 8.0  | 5.7  | 32 | 09 | 2 | 8 | 02 | 1 | 0.2  | 16.5 | 9.6 | 61.0  | 8.6  | 7.9 |
| 15 | 1025.2 | 14.2 | 6.7  | 5.0  | 00 | 00 | 1 | 8 | 02 | 1 | 4    | 16.5 | 7.9 | 68.9  | 8.5  | 8.0 |
| 16 | 1017.3 | 13.0 | 7.9  | 6.1  | 20 | 09 | 7 | 7 | 02 | 1 | 4    | 16.5 | 2.9 | 71.8  | 9.0  | 8.1 |
| 17 | 1019.9 | 12.3 | 8.0  | 6.4  | 36 | 05 | 7 | 8 | 02 | 1 | 0.0  | 16.5 | 9.7 | 81.5  | 9.5  | 8.4 |
| 18 | 1024.2 | 14.5 | 6.5  | 5.3  | 16 | 05 | 8 | 7 | 02 | 1 | 4    | 16.5 | 0.0 | 81.5  | 9.5  | 8.4 |
| 19 | 1024.2 | 14.0 | 8.1  | 7.7  | 14 | 05 | 8 | 6 | 20 | 1 | 0.9  | 17.4 | 0.0 | 81.5  | 9.0  | 8.5 |
| 20 | 1024.2 | 16.1 | 11.0 | 10.4 | 20 | 05 | 8 | 6 | 51 | 1 | 3.1  | 20.5 | 0.0 | 81.5  | 9.5  | 8.5 |
| 21 | 1015.4 | 17.8 | 11.8 | 11.7 | 23 | 13 | 8 | 7 | 51 | 2 | 1.6  | 22.1 | 0.0 | 81.5  | 9.9  | 8.6 |
| 22 | 1001.9 | 16.7 | 10.6 | 9.3  | 23 | 24 | 8 | 7 | 50 | 1 | 0.7  | 22.8 | 3.0 | 84.5  | 10.0 | 8.7 |
| 23 | 1001.6 | 12.6 | 7.7  | 6.4  | 23 | 09 | 8 | 7 | 63 | 1 | 4.2  | 27.0 | 7.3 | 91.8  | 10.0 | 8.9 |
| 24 | 1005.0 | 10.5 | 9.9  | 7.8  | 27 | 05 | 6 | 8 | 25 | 1 | 1.6  | 28.6 | 8.7 | 100.5 | 9.8  | 9.0 |
| 25 | 1001.2 | 16.5 | 13.8 | 11.7 | 23 | 24 | 8 | 7 | 20 | 1 | 0.5  | 29.1 | 6.0 | 106.5 | 10.5 | 9.0 |
| 26 | 1004.7 | 15.8 | 9.2  | 6.9  | 23 | 13 | 6 | 8 | 02 | 1 | 1.5  | 30.6 | 8.8 | 115.3 | 10.8 | 9.2 |
| 27 | 1009.1 | 15.9 | 7.4  | 5.7  | 23 | 19 | 8 | 8 | 03 | 1 | 14.4 | 45.0 | 5.8 | 121.1 | 10.6 | 9.3 |
| 28 | 1000.8 | 17.0 | 7.8  | 6.2  | 23 | 13 | 5 | 8 | 03 | 1 | 3.0  | 48.0 | 5.7 | 126.8 | 10.2 | 9.5 |
| 29 | 1002.5 | 15.9 | 8.7  | 6.6  | 29 | 13 | 7 | 8 | 03 | 1 | 1.6  | 49.6 | 7.8 | 134.6 | 10.4 | 9.5 |
| 30 | 1008.5 | 15.3 | 7.5  | 6.1  | 25 | 13 | 7 | 8 | 20 | 1 | 0.9  | 50.6 | 3.2 | 137.8 | 10.5 | 9.5 |
| 31 |        |      |      |      |    |    |   |   |    |   |      |      |     |       |      |     |

19.7.7

APRIL

MAXIMUM

MINIMUM

GRASS

VAPOUR  
PRESSUREDEW  
POINT

REMARKS: —

|    |      |      |      |      |      |                                                                                                                                                                                                                         |
|----|------|------|------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 9.2  | 5.4  | 3.7  | 7.3  | 2.5  | gale force wind 0000 <sup>h</sup> to 0030 <sup>h</sup> , 0115 <sup>h</sup> to 0450 <sup>h</sup> at obs / O. morn to 0915 <sup>h</sup> , 0950 <sup>h</sup> to 1030 <sup>h</sup> some sunshine after                      |
| 2  | 8.1  | 1.9  | -1.0 | 6.9  | 1.8  | C. at 0000 <sup>h</sup> b. sunny morn / bc-c sunny day to 0940 <sup>h</sup> c. bc sunny after to 1530 <sup>h</sup> to 1840 <sup>h</sup>                                                                                 |
| 3  | 8.2  | -1.3 | -5.0 | 7.4  | 2.6  | C. at 0000 <sup>h</sup> to 0415 <sup>h</sup> -0720 <sup>h</sup> O. at obs / O-C day sunny periods to mid after. to 1600 <sup>h</sup> , to 1750 <sup>h</sup>                                                             |
| 4  | 10.8 | -1.5 | -5.4 | 6.8  | 1.4  | C. at 0000 <sup>h</sup> air frost later O. at obs / O-C day sunny periods after. C. even.                                                                                                                               |
| 5  | 10.9 | 3.5  | 0.1  | 9.1  | 5.7  | O. at 0000 <sup>h</sup> C-O sunny periods at obs / C-O day very little sunshine.                                                                                                                                        |
| 6  | 8.8  | 5.0  | 1.1  | 6.6  | 1.0  | O. at 0000 <sup>h</sup> C-O sunny period at obs / C. sunny day with some ph.                                                                                                                                            |
| 7  | 6.9  | -0.4 | -5.0 | 5.8  | -0.7 | b. at 0000 <sup>h</sup> C. sunny morn to 1500 <sup>h</sup> near obs / C sunny day snow pellets 1100 <sup>h</sup> , 1120 <sup>h</sup> .                                                                                  |
| 8  | 7.1  | -2.1 | -6.7 | 6.7  | 1.4  | clear at 0000 <sup>h</sup> . O. 1st at obs / O. day to 0930 <sup>h</sup> -1150 <sup>h</sup> to 1700 <sup>h</sup> to 1830 <sup>h</sup> to 2205 <sup>h</sup> , 2230 <sup>h</sup> some 1st at                              |
| 9  | 11.3 | -0.8 | -3.8 | 7.1  | 2.0  | frost later b. sunny at obs / sunny morn clouding after to 1830 <sup>h</sup> O. even. to 2110 <sup>h</sup>                                                                                                              |
| 10 | 11.7 | 4.5  | 3.2  | 8.7  | 5.0  | O. at 0000 <sup>h</sup> some 1st 0630 <sup>h</sup> . C. at obs / C. day scattered sunny periods to 1920 <sup>h</sup> fresh winds after.                                                                                 |
| 11 | 10.7 | 3.0  | 0.5  | 8.8  | 5.2  | to 0530 <sup>h</sup> -0750 <sup>h</sup> O. at obs / O. day to 1450 <sup>h</sup> -1900 <sup>h</sup> to 1915 <sup>h</sup> -2015 <sup>h</sup>                                                                              |
| 12 | 14.8 | 6.3  | 4.4  | 11.7 | 9.3  | O. at 0000 <sup>h</sup> to 0250 <sup>h</sup> O. mild at obs / O-C. mild day little sunshine early after. to 1400 <sup>h</sup> -1500 <sup>h</sup>                                                                        |
| 13 | 10.8 | 4.1  | -0.8 | 7.8  | 3.5  | O. at 0000 <sup>h</sup> to 0100 <sup>h</sup> long sunny period morn to 0400 <sup>h</sup> at obs / C. day scattered sunny periods to 1045 <sup>h</sup>                                                                   |
| 14 | 11.1 | 1.9  | -2.5 | 7.3  | 2.5  | to 2320 <sup>h</sup> to 0445 <sup>h</sup> b. sunny morn / bc. sunny day to 1015 <sup>h</sup> clear even.                                                                                                                |
| 15 | 12.7 | 0.0  | -5.6 | 7.4  | 2.6  | clear at 0000 <sup>h</sup> b. sunny morn / b-bc sunny to mid after. later C.                                                                                                                                            |
| 16 | 11.5 | 5.0  | 2.1  | 8.0  | 3.7  | O. at 0000 <sup>h</sup> . O. at obs / C. sunny periods to mid after. later O.                                                                                                                                           |
| 17 | 11.1 | 5.5  | 5.2  | 8.3  | 4.3  | O. at 0000 <sup>h</sup> C. sunny period to obs / C-bc sunny day                                                                                                                                                         |
| 18 | 8.0  | 1.3  | -3.2 | 8.0  | 3.7  | b-bc at 0000 <sup>h</sup> O. at obs / O. day                                                                                                                                                                            |
| 19 | 11.5 | 5.7  | 6.0  | 10.2 | 7.3  | O. at 0000 <sup>h</sup> some 1st near obs / O. showery day to 1045 <sup>h</sup> , 1530 <sup>h</sup> to 1750 <sup>h</sup> O. even.                                                                                       |
| 20 | 12.7 | 7.9  | 7.7  | 12.1 | 9.8  | O. at 0000 <sup>h</sup> to 0130 <sup>h</sup> , 0630 <sup>h</sup> to 0845 <sup>h</sup> obs / to 1030 <sup>h</sup> to 1500 <sup>h</sup> -1600 <sup>h</sup> to 1730 <sup>h</sup> -1800 <sup>h</sup> to 2220 <sup>h</sup> - |
| 21 | 13.3 | 10.5 | 10.1 | 12.8 | 10.6 | to 0530 <sup>h</sup> -obs / -0925 <sup>h</sup> to 1900 <sup>h</sup> -2100 <sup>h</sup> to 2200 <sup>h</sup> -2240 <sup>h</sup> to 1200 <sup>h</sup> , 1315 <sup>h</sup>                                                 |
| 22 | 13.4 | 10.2 | 8.7  | 10.7 | 8.0  | some 1st at 0000 <sup>h</sup> . to 0450 <sup>h</sup> -0530 <sup>h</sup> 1st at obs / O. morn clearing mid after sunny periods                                                                                           |
| 23 | 10.6 | 4.3  | 1.4  | 8.6  | 4.7  | b-bc at 0000 <sup>h</sup> long sunny period early morn to 0840 <sup>h</sup> obs / -0930 <sup>h</sup> PH 1250 <sup>h</sup> to 1400 <sup>h</sup> to 1620 <sup>h</sup>                                                     |
| 24 | 14.4 | 2.3  | -1.0 | 8.9  | 5.3  | PH 2350 <sup>h</sup> to 0045 <sup>h</sup> bc at 0000 <sup>h</sup> sunny morn C. at obs / C. sunny day to 1100 <sup>h</sup> , 1145 <sup>h</sup> to 2050 <sup>h</sup> -2345 <sup>h</sup>                                  |
| 25 | 15.4 | 6.1  | 6.1  | 12.0 | 9.7  | to 0730 <sup>h</sup> 1st near obs / C-O morn to 0910 <sup>h</sup> , 0930 <sup>h</sup> to 2150 <sup>h</sup> sunny after.                                                                                                 |
| 26 | 11.8 | 5.0  | 2.7  | 8.1  | 3.9  | O. at 0000 <sup>h</sup> C. sunny morn / C. with scattered sunny periods to 1200 <sup>h</sup> to 1430 <sup>h</sup> to 1530 <sup>h</sup> 1600 <sup>h</sup> , 2300 <sup>h</sup>                                            |
| 27 | 10.5 | 2.5  | 0.3  | 7.8  | 3.3  | to 2300 <sup>h</sup> , 0345 <sup>h</sup> , 0450 <sup>h</sup> bc-c sunny morn / C. sunny morn to 1030 <sup>h</sup> , 1110 <sup>h</sup> C-O after PH 1330 <sup>h</sup> to 1-RR                                            |
| 28 | 10.8 | 1.1  | -0.6 | 8.2  | 4.1  | to 2300 <sup>h</sup> -0100 <sup>h</sup> bc early morn C. at obs / C-O day some short sunny periods PH 1420 <sup>h</sup> to 1655 <sup>h</sup> , 1810 <sup>h</sup>                                                        |
| 29 | 12.1 | 4.1  | 2.0  | 8.0  | 3.8  | bc. at 0000 <sup>h</sup> long sunny period morn clouding at obs / C. sunny day PH 1055 <sup>h</sup> to 1240 <sup>h</sup> to 1750 <sup>h</sup>                                                                           |
| 30 | 11.0 | 3.2  | 0.5  | 8.3  | 4.3  | C. at 0000 <sup>h</sup> sunny periods morn some 1st near obs / C-O day short sunny periods morn                                                                                                                         |
| 31 |      |      |      |      |      | to 1500 <sup>h</sup> -1535 <sup>h</sup> to 1650 <sup>h</sup>                                                                                                                                                            |

19.77

TEMPERATURE

HUMIDITY

FOG AIR GROUND SNOW HY. INC.

APRIL 1977

APRIL

SNOW

SNOW

SNOW

SHEET.

LYING

LYING

9h

0h-24h

HAIL

THUNDER

FOG 9h

0h-24h

FROST

FROST

GALE

TOTAL

FRESH

F

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

SNOW  
PELLETS

X

X

X

X

X

▲

▲

▲

▲

▲

1

5

5

12

TOTAL RAINFALL (50.5 mm) 1.99 ins.  
TOTAL SUNSHINE 137.8 hrs.MAX. TEMP. 15.5°C on 25th  
MIN. TEMP. -2.1°C on 8th.LOWEST MAX. TEMP. 6.9°C on 7th.  
HIGHEST MIN. TEMP. 10.5°C on 21st.MEAN MAX. TEMP. 11.0°C  
MEAN MIN. TEMP. 3.5°C

MEAN TEMP. FOR MONTH. 7.3°C.

MIN. GRASS TEMP. -6.7°C on 8th.

HIGHEST BAR. M.S.L. 1025.2 mb on 15th  
LOWEST BAR. M.S.L. 981.3 mb on 1stHIGHEST DAILY RAINFALL 14.4 mm on 27th  
HIGHEST DAILY SUNSHINE 9.7 hrs. on 17th

19.77

MAY

|    | Bar    | Att.<br>Ther. | Dry  | Wet  | ANEMOMETER |       | Cloud<br>Amount | Vis. | Present<br>Weather | State of<br>Ground | RAINFALL |       | SUNSHINE |       | EARTH TEMPERATURE |       |
|----|--------|---------------|------|------|------------|-------|-----------------|------|--------------------|--------------------|----------|-------|----------|-------|-------------------|-------|
|    |        |               |      |      | DIR        | FORCE |                 |      |                    |                    | DAILY    | TOTAL | DAILY    | TOTAL | 30cm              | 100cm |
| 1  | 1015.0 | 15.6          | 6.3  | 5.3  | 00         | 00    | 8               | 8    | 02                 | 1                  | 0.3      | 0.3   | 5.0      | 5.0   | 10.3              | 9.6   |
| 2  | 1017.9 | 17.2          | 8.2  | 7.1  | 00         | 00    | 8               | 6    | 50                 | 1                  | 0.8      | 1.1   | 0.5      | 5.5   | 10.4              | 9.6   |
| 3  | 1015.3 | 15.5          | 7.2  | 6.4  | 02         | 09    | 8               | 6    | 10                 | 1                  | 2.6      | 3.7   | 0.1      | 5.6   | 10.1              | 9.7   |
| 4  | 1013.4 | 15.2          | 9.2  | 7.5  | 23         | 13    | 7               | 8    | 03                 | 1                  | 0.0      | 3.7   | 9.6      | 15.2  | 9.9               | 9.5   |
| 5  | 1015.5 | 15.2          | 8.8  | 7.1  | 27         | 05    | 6               | 8    | 02                 | 1                  | 0.0      | 3.7   | 5.3      | 25.5  | 10.2              | 9.7   |
| 6  | 1015.7 | 17.0          | 10.1 | 8.1  | 23         | 05    | 7               | 8    | 03                 | 1                  | 1.2      | 4.9   | 5.9      | 25.4  | 10.5              | 9.7   |
| 7  | 1016.8 | 12.8          | 8.5  | 7.5  | 25         | 19    | 8               | 8    | 25                 | 1                  | 0.3      | 5.2   | 0.0      | 26.4  | 10.7              | 9.8   |
| 8  | 1015.2 | 12.0          | 9.5  | 7.8  | 00         | 00    | 8               | 8    | 02                 | 1                  | 3.2      | 8.4   | 0.1      | 26.5  | 10.1              | 9.8   |
| 9  | 1021.3 | 15.9          | 9.8  | 9.5  | 00         | 00    | 8               | 7    | 61                 | 1                  | 0.4      | 8.8   | 0.1      | 26.6  | 11.0              | 9.7   |
| 10 | 1021.5 | 17.4          | 12.5 | 10.1 | 23         | 09    | 5               | 8    | 02                 | 1                  | 0.2      | 9.0   | 11.4     | 38.0  | 10.8              | 9.8   |
| 11 | 997.4  | 17.9          | 11.5 | 10.2 | 18         | 19    | 8               | 8    | 25                 | 1                  | 4.0      | 13.0  | 6.8      | 44.8  | 12.0              | 10.0  |
| 12 | 992.6  | 14.2          | 10.3 | 8.9  | 23         | 09    | 8               | 8    | 80                 | 1                  | 6.9      | 19.9  | 1.6      | 46.4  | 12.0              | 10.2  |
| 13 | 1006.9 | 11.2          | 9.3  | 6.5  | 02         | 05    | 4               | 8    | 03                 | 1                  | 4        | 19.9  | 10.0     | 56.4  | 11.3              | 10.4  |
| 14 | 1008.2 | 11.0          | 8.0  | 5.0  | 00         | 00    | 4               | 8    | 02                 | 1                  | 4        | 19.9  | 10.0     | 56.4  | 11.4              | 10.5  |
| 15 | 1008.3 | 10.5          | 9.6  | 6.7  | 00         | 00    | 6               | 8    | 03                 | 1                  | 0.0      | 19.9  | 7.6      | 74.0  | 11.5              | 10.5  |
| 16 | 1020.5 | 13.2          | 10.8 | 8.1  | 36         | 09    | 4               | 8    | 03                 | 1                  | 0.0      | 19.9  | 10.8     | 84.8  | 11.8              | 10.6  |
| 17 | 1029.0 | 11.5          | 9.7  | 8.0  | 00         | 00    | 4               | 7    | 05                 | 1                  | 0.0      | 19.9  | 9.0      | 93.8  | 12.7              | 10.7  |
| 18 | 1033.0 | 12.0          | 11.5 | 8.5  | 00         | 00    | 7               | 7    | 05                 | 1                  | 0.0      | 19.9  | 6.4      | 100.2 | 12.0              | 10.8  |
| 19 | 1029.1 | 13.0          | 11.7 | 8.4  | 00         | 00    | 8               | 7    | 02                 | 1                  | 0.1      | 20.0  | 0.0      | 100.2 | 12.5              | 11.0  |
| 20 | 1027.5 | 13.0          | 12.0 | 9.4  | 00         | 00    | 8               | 7    | 05                 | 1                  | 0.0      | 20.0  | 10.1     | 110.3 | 12.5              | 11.0  |
| 21 | 1033.0 | 13.5          | 14.0 | 10.2 | 00         | 00    | 0               | 7    | 05                 | 1                  | 0.0      | 20.0  | 14.2     | 124.5 | 13.1              | 11.1  |
| 22 | 1034.9 | 14.0          | 14.7 | 11.0 | 00         | 00    | 3               | 7    | 02                 | 1                  | 0.0      | 20.0  | 14.0     | 138.5 | 13.8              | 11.3  |
| 23 | 1031.3 | 15.6          | 14.5 | 12.1 | 00         | 00    | 8               | 6    | 01                 | 1                  | 0.0      | 20.0  | 2.6      | 141.1 | 14.2              | 11.5  |
| 24 | 1028.3 | 15.8          | 11.7 | 9.5  | 05         | 09    | 7               | 8    | 02                 | 1                  | 0.0      | 20.0  | 12.3     | 153.4 | 14.6              | 11.7  |
| 25 | 1023.2 | 16.5          | 11.3 | 9.8  | 05         | 09    | 8               | 6    | 05                 | 1                  | 0.0      | 20.0  | 8.7      | 162.1 | 14.6              | 12.0  |
| 26 | 1022.1 | 16.5          | 15.2 | 11.8 | 05         | 13    | 7               | 6    | 03                 | 1                  | 0.0      | 20.0  | 9.8      | 171.9 | 14.6              | 12.1  |
| 27 | 1025.4 | 16.1          | 14.8 | 11.6 | 14         | 09    | 1               | 7    | 05                 | 1                  | 0.0      | 20.0  | 14.0     | 185.9 | 14.8              | 12.8  |
| 28 | 1024.3 | 16.8          | 16.4 | 14.1 | 00         | 00    | 3               | 6    | 05                 | 1                  | 0.0      | 20.0  | 2.1      | 188.0 | 15.0              | 12.5  |
| 29 | 1024.1 | 17.0          | 15.0 | 13.0 | 00         | 00    | 0               | 6    | 05                 | 1                  | 0.0      | 20.0  | 11.5     | 199.5 | 15.3              | 12.6  |
| 30 | 1028.0 | 17.0          | 11.3 | 8.5  | 09         | 09    | 7               | 7    | 03                 | 0                  | 0.0      | 20.0  | 12.4     | 214.9 | 15.6              | 12.7  |
| 31 | 1030.5 | 15.8          | 14.0 | 10.1 | 14         | 09    | 2               | 8    | 05                 | 1                  | 0.0      | 20.0  | 14.3     | 226.2 | 15.1              | 13.0  |

19.77

TEMPERATURE

HUMIDITY

MAY

MAX.

MIN.

GRASS

VAPOR

DEW

PRESSURE

POINT

REMARKS:—

|    |      |      |      |      |      |                                                                                                                                                                                                                 |
|----|------|------|------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 12.0 | 2.5  | -0.7 | 8.1  | 3.9  | c. at 0000 O. at obs/ c. day scattered sunny periods f. 1500 <sup>H</sup> f. 1530 <sup>H</sup>                                                                                                                  |
| 2  | 10.6 | 2.0  | -1.5 | 9.2  | 5.8  | b. c. at 0000 <sup>H</sup> O. at obs/ O. day f. 1100 <sup>H</sup> -1130 <sup>H</sup> P. 1615 <sup>H</sup> short sunny periods late after.                                                                       |
| 3  | 10.4 | -0.1 | -2.4 | 8.9  | 5.3  | ground frost during night O. at obs/ f. 1545 <sup>H</sup> -1845 <sup>H</sup> f. 2030 <sup>H</sup> -2300 <sup>H</sup>                                                                                            |
| 4  | 14.1 | 3.4  | 1.0  | 9.0  | 5.5  | b. c. sunny morn c. at obs/ c- b. c. sunny day.                                                                                                                                                                 |
| 5  | 13.0 | 2.3  | -2.2 | 8.7  | 5.0  | b. c. at 000 <sup>H</sup> c. sunny morn/ c-o day scattered sunny periods.                                                                                                                                       |
| 6  | 13.0 | 2.5  | -0.9 | 9.2  | 5.8  | b. c. c. at obs/ sunny periods morn c-o. at obs/ sunny periods f. 1030 <sup>H</sup> f. 1150 <sup>H</sup>                                                                                                        |
| 7  | 9.8  | 5.0  | 2.5  | 9.6  | 6.4  | c-o. f. 0530 <sup>H</sup> , 0830 <sup>H</sup> . O. at obs/ O. day f. 1300 <sup>H</sup> , 1615 <sup>H</sup>                                                                                                      |
| 8  | 11.9 | 6.4  | 4.3  | 9.2  | 5.8  | O. at 0000 <sup>H</sup> O. at obs/ mainly c. somewhat warmer day.                                                                                                                                               |
| 9  | 12.8 | 7.3  | 4.3  | 11.6 | 9.2  | c-o. f. 0315 <sup>H</sup> -obs/ b. c. 10 <sup>H</sup> after obs. mainly c-o. warm. f. 1230 <sup>H</sup> -1330 <sup>H</sup>                                                                                      |
| 10 | 16.8 | 6.7  | 4.1  | 10.4 | 7.6  | b. c. sunny morn warm/ b. c. warm sunny day.                                                                                                                                                                    |
| 11 | 14.6 | 9.8  | 8.3  | 11.3 | 8.8  | c. at 000 <sup>H</sup> O. f. near obs/ P. 0915 <sup>H</sup> , 1105 <sup>H</sup> scattered sunny periods f. 1045 <sup>H</sup> , 1140 <sup>H</sup> , 1210 <sup>H</sup> , 1630 <sup>H</sup> . P. 1440 <sup>H</sup> |
| 12 | 11.8 | 5.0  | 2.0  | 10.2 | 7.3  | Mainly c-o/ O-c. day f. 0920 <sup>H</sup> -1230 <sup>H</sup> P. 1320 <sup>H</sup> . P. 1355 <sup>H</sup> scattered sunny periods even.                                                                          |
| 13 | 12.7 | 0.3  | -2.5 | 7.4  | 2.7  | b. at 000 <sup>H</sup> b- b. c. sunny morn c. at obs/ c. sunny day few hail showers.                                                                                                                            |
| 14 | 11.8 | 0.4  | -2.3 | 6.3  | 0.5  | b. at 000 <sup>H</sup> b- b. c. sunny morn / c. sunny day                                                                                                                                                       |
| 15 | 13.2 | -0.7 | -3.0 | 7.5  | 2.8  | clear at 000 <sup>H</sup> . air frost b. c. sunny morn c. at obs/ c. and sunny to mid after c-o. later.                                                                                                         |
| 16 | 14.0 | 1.6  | -2.2 | 8.7  | 4.9  | c. at 1130 <sup>H</sup> b. c. c. sunny morn / b. c. sunny day                                                                                                                                                   |
| 17 | 14.1 | 1.3  | -1.9 | 9.3  | 6.0  | b. c. at 000 <sup>H</sup> b. c. c. sunny morn background haze / b. c. sunny day.                                                                                                                                |
| 18 | 15.2 | 0.6  | -2.5 | 8.7  | 5.0  | b. c. at 000 <sup>H</sup> . O-c. sunny morn with haze/ c. warm day some sunny periods                                                                                                                           |
| 19 | 14.8 | 6.2  | 4.1  | 8.4  | 4.4  | O. at 0000 <sup>H</sup> O. warm morn/ O. hazy day and mild.                                                                                                                                                     |
| 20 | 17.6 | 8.1  | 7.8  | 9.7  | 6.6  | O. at 0000 <sup>H</sup> O. hazy morn/ clearing quickly b. c- b. day cont. sunshine very warm.                                                                                                                   |
| 21 | 19.2 | 4.5  | 0.0  | 9.4  | 6.1  | b. at 000 <sup>H</sup> b. sunny morn/ b. very warm sunny day.                                                                                                                                                   |
| 22 | 21.2 | 4.1  | 0.4  | 10.2 | 7.2  | b. at 0000 <sup>H</sup> b. sunny morn some thin cloud/ b. very warm sunny day gentle breeze <sup>after</sup>                                                                                                    |
| 23 | 19.5 | 7.0  | 3.0  | 12.1 | 9.8  | b. at 000 <sup>H</sup> very hazy morn O. but sunny at obs/ c. sultry warm day some sunshine morn. O. even.                                                                                                      |
| 24 | 17.3 | 8.0  | 5.1  | 10.1 | 7.1  | c. at 0000 <sup>H</sup> sunny period morn c-o. at obs/ clearing quickly b. c. sunny day very warm.                                                                                                              |
| 25 | 18.1 | 8.2  | 4.7  | 11.0 | 8.3  | quite clear at 000 <sup>H</sup> O. hazy morn/ clearing quickly c- b. c. sunny day.                                                                                                                              |
| 26 | 20.2 | 7.6  | 4.8  | 11.2 | 8.6  | b. c. at 000 <sup>H</sup> b. c. sunny morn c-o. at obs/ c. few brief sunny periods morn b. c. sunny after <sup>c. even</sup>                                                                                    |
| 27 | 19.3 | 6.9  | 2.7  | 11.1 | 8.5  | c. at 000 <sup>H</sup> b. cont. sunshine morn/ b. sunny all day very warm some haze                                                                                                                             |
| 28 | 20.3 | 6.9  | 4.2  | 14.2 | 12.2 | b. c. at 000 <sup>H</sup> very hazy sunny period at obs/ very hazy sultry day with some sunshine                                                                                                                |
| 29 | 19.7 | 8.7  | 5.4  | 13.4 | 11.3 | O. at 000 <sup>H</sup> b. hazy sunny morn / b- b. c. sunny day.                                                                                                                                                 |
| 30 | 14.7 | 7.4  | 6.0  | 8.8  | 5.2  | c-o. at 000 <sup>H</sup> c. sunny morn c-o. at obs/ c- b. c. sunny day clear even.                                                                                                                              |
| 31 | 18.8 | 2.8  | -0.4 | 9.2  | 5.8  | clear at 000 <sup>H</sup> b. sunny morn/ b. sunny warm day.                                                                                                                                                     |



JUNE

| 19.7.7. | ANEMOMETER |            |      |      |     |       |              |      |                 |                 | RAINFALL |       | SUNSHINE |       | EARTH TEMPERATURE |        |
|---------|------------|------------|------|------|-----|-------|--------------|------|-----------------|-----------------|----------|-------|----------|-------|-------------------|--------|
| JUNE    | Bar        | Att. Ther. | Dry  | Wet  | Dir | FORCE | Cloud Amount | Vis. | Present Weather | State of Ground | DAILY    | TOTAL | DAILY    | TOTAL | 30cm              | 100 cm |
| 1       | 1032.7     | 16.0       | 15.8 | 11.4 | 00  | 00    | 6            | 8    | 05              | 1               | 0.0      | 0.0   | 14.2     | 14.2  | 15.4              | 13.0   |
| 2       | 1033.7     | 17.1       | 16.6 | 13.4 | 00  | 00    | 0            | 7    | 05              | 1               | 0.0      | 0.0   | 13.8     | 28.0  | 15.9              | 13.2   |
| 3       | 1032.3     | 17.0       | 15.5 | 11.1 | 00  | 00    | 0            | 8    | 02              | 1               | tr       | tr    | 14.7     | 42.7  | 16.2              | 13.5   |
| 4       | 1026.3     | 18.0       | 15.3 | 11.8 | 27  | 09    | 7            | 8    | 03              | 1               | 3.3      | 3.3   | 6.5      | 49.2  | 16.8              | 13.5   |
| 5       | 1009.5     | 17.2       | 12.6 | 11.1 | 32  | 13    | 8            | 8    | 25              | 1               | 3.2      | 6.5   | 3.1      | 52.3  | 16.6              | 13.8   |
| 6       | 992.4      | 16.0       | 12.6 | 10.8 | 23  | 09    | 7            | 8    | 81              | 1               | 8.4      | 14.9  | 1.7      | 54.0  | 16.1              | 13.8   |
| 7       | 997.6      | 13.2       | 9.1  | 7.6  | 02  | 09    | 7            | 8    | 02              | 1               | 1.6      | 16.5  | 5.7      | 59.7  | 15.4              | 13.9   |
| 8       | 1005.4     | 15.5       | 10.9 | 8.9  | 36  | 09    | 8            | 8    | 02              | 1               | 2.3      | 18.8  | 4.1      | 63.8  | 15.2              | 13.9   |
| 9       | 1012.3     | 14.8       | 11.5 | 9.7  | 00  | 00    | 6            | 8    | 03              | 1               | 0.0      | 18.8  | 9.2      | 73.0  | 15.1              | 13.9   |
| 10      | 1013.5     | 17.8       | 10.4 | 8.4  | 05  | 13    | 8            | 8    | 02              | 1               | 2.6      | 21.4  | 1.6      | 74.6  | 15.4              | 13.9   |
| 11      | 1015.3     | 13.6       | 6.0  | 5.6  | 36  | 09    | 8            | 7    | 61              | 1               | 5.2      | 26.6  | 0.0      | 74.6  | 15.0              | 13.9   |
| 12      | 1010.7     | 12.0       | 9.1  | 9.0  | 02  | 05    | 8            | 5    | 10              | 1               | 0.1      | 26.7  | 1.2      | 75.8  | 14.0              | 13.8   |
| 13      | 1016.4     | 14.0       | 12.2 | 10.6 | 14  | 05    | 4            | 7    | 01              | 1               | 0.0      | 26.7  | 3.7      | 79.5  | 14.0              | 13.7   |
| 14      | 1020.9     | 14.0       | 11.8 | 10.0 | 02  | 13    | 8            | 8    | 02              | 1               | 0.3      | 27.0  | 9.8      | 89.3  | 14.4              | 13.5   |
| 15      | 1024.3     | 15.0       | 11.7 | 10.0 | 02  | 13    | 8            | 7    | 02              | 1               | 0.0      | 27.0  | 0.0      | 89.3  | 14.5              | 13.5   |
| 16      | 1024.5     | 16.0       | 13.9 | 11.0 | 05  | 09    | 2            | 8    | 02              | 1               | 0.0      | 27.0  | 12.9     | 102.2 | 14.8              | 13.5   |
| 17      | 1023.6     | 19.0       | 12.6 | 10.1 | 07  | 09    | 8            | 8    | 02              | 1               | 0.0      | 27.0  | 0.1      | 102.3 | 15.4              | 13.6   |
| 18      | 1023.3     | 15.0       | 13.4 | 10.7 | 00  | 00    | 7            | 7    | 02              | 1               | 0.0      | 27.0  | 7.7      | 110.0 | 15.0              | 13.7   |
| 19      | 1021.0     | 15.0       | 11.9 | 9.8  | 00  | 00    | 8            | 7    | 03              | 1               | 0.0      | 27.0  | 4.4      | 114.4 | 15.2              | 13.8   |
| 20      | 1022.6     | 15.0       | 13.9 | 11.6 | 00  | 00    | 6            | 7    | 03              | 1               | 0.0      | 27.0  | 11.3     | 125.7 | 15.3              | 13.9   |
| 21      | 1025.6     | 15.8       | 10.8 | 10.2 | 00  | 00    | 8            | 5    | 05              | 1               | 0.0      | 27.0  | 9.3      | 135.0 | 15.6              | 13.5   |
| 22      | 1024.9     | 17.8       | 15.0 | 13.2 | 00  | 00    | 0            | 6    | 05              | 1               | 0.0      | 27.0  | 12.7     | 147.7 | 16.0              | 14.0   |
| 23      | 1021.4     | 17.5       | 19.9 | 13.6 | 00  | 00    | 0            | 8    | 05              | 1               | 0.0      | 27.0  | 14.1     | 161.8 | 16.5              | 14.2   |
| 24      | 1015.8     | 19.0       | 17.3 | 14.0 | 20  | 09    | 8            | 8    | 03              | 0               | 3.8      | 30.8  | 1.5      | 163.3 | 17.0              | 14.3   |
| 25      | 1015.8     | 17.5       | 12.4 | 11.4 | 18  | 05    | 8            | 8    | 02              | 1               | tr       | 30.8  | 0.2      | 163.5 | 16.8              | 14.5   |
| 26      | 1021.1     | 16.5       | 14.6 | 11.7 | 14  | 05    | 6            | 8    | 01              | 1               | 5.8      | 36.6  | 2.3      | 165.8 | 16.4              | 14.6   |
| 27      | 1017.4     | 18.1       | 12.8 | 12.5 | 00  | 00    | 8            | 8    | 61              | 1               | 3.1      | 39.7  | 1.5      | 167.3 | 16.5              | 14.6   |
| 28      | 1011.9     | 18.3       | 13.8 | 11.0 | 00  | 00    | 7            | 8    | 03              | 1               | 0.5      | 40.2  | 2.3      | 169.6 | 16.5              | 14.7   |
| 29      | 1012.7     | 19.2       | 13.1 | 11.7 | 00  | 00    | 8            | 8    | 50              | 1               | 4.7      | 44.9  | 0.7      | 170.3 | 16.4              | 14.7   |
| 30      | 1012.8     | 17.5       | 14.5 | 13.6 | 23  | 19    | 8            | 7    | 50              | 1               | 9.1      | 54.0  | 0.0      | 170.3 | 16.4              | 14.7   |
| 31      |            |            |      |      |     |       |              |      |                 |                 |          |       |          |       |                   |        |

19.77

TEMPERATURE

HUMIDITY

VARIOUS DEW

JUNE

MAX.

MIN.

GRASS

PRESSURE

POINT

REMARKS:—

|    |      |      |      |      |      |                                                                                                                                                                                                     |
|----|------|------|------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 22.1 | 4.5  | 1.3  | 9.9  | 6.9  | quite clear at 0000 <sup>h</sup> c. sunny morn thin cloud / b. sunny day some haze                                                                                                                  |
| 2  | 23.2 | 6.5  | 3.7  | 12.9 | 10.7 | quite clear at 0000 <sup>h</sup> b. sunny morn / b. sunny day                                                                                                                                       |
| 3  | 23.7 | 5.5  | 2.3  | 9.7  | 6.6  | quite clear at 0000 <sup>h</sup> b. sunny morn / b. sunny day light breeze aftn.                                                                                                                    |
| 4  | 19.0 | 10.3 | 6.1  | 11.0 | 8.4  | O. at 0000 <sup>h</sup> to 0500 <sup>h</sup> sunny periods morn c-o. obs / o-c. sunny periods to 2000 <sup>h</sup> -2210 <sup>h</sup> p. 2315 <sup>h</sup>                                          |
| 5  | 14.4 | 10.1 | 10.0 | 12.0 | 9.7  | some id. at 0000 <sup>h</sup> to 0310 <sup>h</sup> O. p. near obs / o-c. day to 0910 <sup>h</sup> sunny periods aftn. O. even                                                                       |
| 6  | 13.0 | 8.6  | 8.5  | 11.4 | 9.0  | O. at 0000 <sup>h</sup> to 0150 <sup>h</sup> to 1024 <sup>h</sup> -0450 <sup>h</sup> bec. to 0600 <sup>h</sup> some sun morn to at obs / o-c. day short sunny                                       |
| 7  | 13.8 | 3.2  | 0.4  | 9.2  | 5.8  | to 2210 <sup>h</sup> -0045 <sup>h</sup> some sunshine early morn. O. at obs / c. day sunny periods. p. 1100 <sup>h</sup> , p. 1215 <sup>h</sup> O. even                                             |
| 8  | 13.7 | 4.7  | 2.3  | 9.8  | 6.7  | O. at obs / c. day scattered sunny periods p. 1430 <sup>h</sup> . to 1730 <sup>h</sup> -1830 <sup>h</sup> .                                                                                         |
| 9  | 16.8 | 3.0  | 1.5  | 10.5 | 7.7  | quite clear at 0000 <sup>h</sup> b. sunny morn c. at obs / c. sunny day c. even.                                                                                                                    |
| 10 | 14.3 | 4.9  | 1.3  | 9.4  | 6.1  | b. at 0000 <sup>h</sup> O. at obs / o-c. day scattered sunny periods to mid-aftn. O. even.                                                                                                          |
| 11 | 8.6  | 5.4  | 5.0  | 8.7  | 5.0  | O. at 0000 <sup>h</sup> to 1050 <sup>h</sup> last 2 hours to obs / O. day to 1020 <sup>h</sup> -1445 <sup>h</sup> bec. to 1540 <sup>h</sup> to 2120 <sup>h</sup> -2315 <sup>h</sup>                 |
| 12 | 12.2 | 5.6  | 6.3  | 11.4 | 8.9  | to 0740 <sup>h</sup> -0830 <sup>h</sup> O. at obs / O. morn clearing late aftn. sunny period even                                                                                                   |
| 13 | 18.0 | 8.5  | 5.6  | 11.5 | 9.0  | O. early morn clearing sunny period at obs / c. day with sunny periods much warmer.                                                                                                                 |
| 14 | 16.7 | 3.8  | 0.6  | 10.8 | 8.1  | O. at obs / c-bc cont. sunshine to near sunset.                                                                                                                                                     |
| 15 | 14.8 | 6.7  | 2.7  | 10.9 | 8.3  | o-c at 0000 <sup>h</sup> to 0445 <sup>h</sup> -0550 <sup>h</sup> . O. at obs / O. day. O. even.                                                                                                     |
| 16 | 18.5 | 8.0  | 4.7  | 10.8 | 8.1  | O. at 0000 <sup>h</sup> b. sunny morn some thin cloud / b-bc day cont. sunshine to near sunset.                                                                                                     |
| 17 | 14.0 | 7.8  | 5.2  | 10.3 | 7.4  | O. at obs / clearing quickly bc cont. sunshine mid day to near sunset.                                                                                                                              |
| 18 | 19.3 | 9.5  | 9.0  | 10.6 | 7.9  | b-bc at 0000 <sup>h</sup> O. morn. O. mild day                                                                                                                                                      |
| 19 | 17.3 | 5.0  | 1.8  | 10.4 | 7.6  | clear at 0000 <sup>h</sup> . O. at obs / c. sunny day c. even.                                                                                                                                      |
| 20 | 19.1 | 4.2  | 1.7  | 11.8 | 9.4  | O. c. at 0000 <sup>h</sup> bc sunny morn c at obs / bc sunny day clear even.                                                                                                                        |
| 21 | 21.1 | 8.0  | 4.0  | 12.0 | 9.6  | clear at 0000 <sup>h</sup> O. at obs / c. sunny day morn c. even.                                                                                                                                   |
| 22 | 23.7 | 7.0  | 4.2  | 13.8 | 11.7 | bec. at 0000 <sup>h</sup> b-bc sunny morn b. at obs / b. sunny day                                                                                                                                  |
| 23 | 24.5 | 7.4  | 4.0  | 10.5 | 7.7  | fast clear at 0000 <sup>h</sup> b. sunny morn / some haze b cont. sunshine to near sunset                                                                                                           |
| 24 | 19.0 | 11.9 | 9.9  | 13.3 | 11.2 | c. at 0000 <sup>h</sup> little sunshine early morn cooler O. at obs / c-o. day little sunshine mid-day p. 1300 <sup>h</sup> 1730 <sup>h</sup> p. 1930 <sup>h</sup>                                  |
| 25 | 16.1 | 11.1 | 11.0 | 12.6 | 10.4 | p. 2045 <sup>h</sup> to at 0000 <sup>h</sup> to 0500 <sup>h</sup> to 0600 <sup>h</sup> O. at obs / O. day very little sunshine O. even.                                                             |
| 26 | 17.6 | 9.3  | 7.3  | 11.4 | 8.9  | O. at 0000 <sup>h</sup> c. morn some sunshine at obs / c-o. day very little sunshine to 2115 <sup>h</sup> -2230 <sup>h</sup>                                                                        |
| 27 | 17.5 | 11.8 | 12.0 | 14.2 | 12.2 | RR 0230 <sup>h</sup> -0310 <sup>h</sup> bec. to 1050 <sup>h</sup> to obs / to 0900 <sup>h</sup> -0930 <sup>h</sup> c-o. day some sunshine even. P. 1055 <sup>h</sup>                                |
| 28 | 16.3 | 8.0  | 3.9  | 10.8 | 8.2  | o-c. at 0000 <sup>h</sup> some sunshine morn O. at obs / c-o. day some sunshine P. 1640 <sup>h</sup> p. 1810 <sup>h</sup>                                                                           |
| 29 | 17.3 | 9.9  | 6.6  | 12.5 | 10.3 | o-c. at 0000 <sup>h</sup> some id. morn and at obs / O. day little sunshine mid day p. 1410 <sup>h</sup>                                                                                            |
| 30 | 16.1 | 11.8 | 10.7 | 14.8 | 12.8 | O. at 0000 <sup>h</sup> strong winds during night RR 0650 <sup>h</sup> -0710 <sup>h</sup> . RR 0740 <sup>h</sup> -0750 <sup>h</sup> . id. at obs / O. p. 1110 <sup>h</sup> , P. 1945 <sup>h</sup> . |
| 31 |      |      |      |      |      | p. 1615 <sup>h</sup> RR 2000 <sup>h</sup> -2050 <sup>h</sup>                                                                                                                                        |

1977  
JUNE

SNOW  
SHEET

SNOW  
LYING  
9h

SNOW  
LYING  
0h-24h

HAIL

THUNDER

FOG 9h

FOG  
0h-24h

AIR  
FROST

GROUND  
FROST

GALE

SNOW LYING  
TOTAL FRESH.

JUNE 1977

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 (54.0 mm) 2.13 ins  
TOTAL SUNSHINE 170.3 hrs

MAX. TEMP. 24.5°C on 23rd  
MIN. TEMP. 3.0°C on 9th.

LOWEST MAX. TEMP. 12.2°C on 12th  
HIGHEST MIN. TEMP. 11.9°C on 24th

MEAN MAX. TEMP 17.4°C  
MEAN MIN. TEMP 7.4°C

MEAN TEMP. FOR MONTH. 12.4°C

MIN. GRASS TEMP. 0.4°C on 7th

HIGHEST BAR. M.S.L. 1033.7 mb. on 2nd  
LOWEST BAR. M.S.L. 992.4 mb. on 6th

HIGHEST DAILY RAINFALL 36 in 30th  
HIGHEST DAILY SUNSHINE 14.7 hrs. 3rd

19.77.

JULY

| 27. | Bar    | Att.<br>Ther. | Dry  | Wet  | ANEMOMETER |       | Cloud<br>Amount | Vis. | Present<br>Weather | State of<br>Ground | RAINFALL |       | HUMIDITY |       | SNOW LYING    |      | 100CM<br>TEMP. |
|-----|--------|---------------|------|------|------------|-------|-----------------|------|--------------------|--------------------|----------|-------|----------|-------|---------------|------|----------------|
|     |        |               |      |      | DIR.       | FORCE |                 |      |                    |                    | DAILY    | TOTAL | DAILY    | TOTAL | 30CM<br>EARTH |      |                |
| 1   | 1012.1 | 17.5          | 15.9 | 15.5 | 23         | 09    | 8               | 6    | 51                 | 2                  | 0.8      | 0.8   | 0.9      | 0.9   | 16.4          | 14.8 |                |
| 2   | 1015.4 | 16.4          | 15.1 | 12.7 | 16         | 24    | 8               | 7    | 02                 | 1                  | 1.9      | 2.7   | 2.5      | 3.4   | 16.6          | 14.8 |                |
| 3   | 1015.9 | 16.0          | 17.0 | 14.3 | 18         | 09    | 6               | 8    | 02                 | 1                  | 0.0      | 2.7   | 13.8     | 17.2  | 16.3          | 14.8 |                |
| 4   | 1015.4 | 19.2          | 18.9 | 15.7 | 16         | 09    | 4               | 8    | 02                 | 1                  | 0.0      | 2.7   | 11.8     | 29.0  | 17.2          | 14.9 |                |
| 5   | 1015.2 | 19.2          | 19.5 | 16.8 | 00         | 00    | 6               | 7    | 05                 | 1                  |          | 2.7   | 6.9      | 35.9  | 17.9          | 15.0 |                |
| 6   | 1019.8 | 20.0          | 20.0 | 16.6 | 09         | 02    | 0               | 6    | 05                 | 1                  |          | 2.7   | 13.7     | 49.6  | 18.4          | 15.3 |                |
| 7   | 1019.8 | 21.0          | 21.6 | 18.1 | 00         | 00    | 2               | 6    | 05                 | 1                  |          | 2.7   | 13.0     | 62.6  | 18.9          | 15.5 |                |
| 8   | 1020.5 | 20.8          | 14.9 | 13.8 | 34         | 05    | 8               | 7    | 60                 | 1                  |          | 2.7   | 0.0      | 62.6  | 19.3          | 15.7 |                |
| 9   | 1024.7 | 19.4          | 17.5 | 16.0 | 36         | 05    | 5               | 6    | 05                 | 1                  |          | 2.7   | 11.6     | 74.2  | 18.5          | 15.6 |                |
| 10  | 1026.9 | 20.0          | 17.7 | 14.8 | 00         | 00    | 0               | 7    | 05                 | 1                  |          | 2.7   | 14.1     | 88.3  | 19.0          | 16.0 |                |
| 11  | 1026.3 | 20.0          | 19.2 | 14.6 | 07         | 05    | 0               | 8    | 02                 | 1                  |          | 2.7   | 15.0     | 103.3 | 19.1          | 16.1 |                |
| 12  | 1023.3 | 20.2          | 17.0 | 15.5 | 09         | 09    | 7               | 6    | 03                 | 1                  |          | 2.7   | 12.7     | 116.0 | 19.4          | 16.3 |                |
| 13  | 1022.8 | 21.0          | 15.1 | 13.6 | 14         | 05    | 8               | 7    | 02                 | 1                  |          | 2.7   | 0.1      | 116.4 | 19.5          | 16.5 |                |
| 14  | 1023.1 | 19.5          | 16.3 | 14.3 | 00         | 00    | 7               | 7    | 01                 | 1                  |          | 2.7   | 1.3      | 117.4 | 18.9          | 16.4 |                |
| 15  | 1023.5 | 18.5          | 15.6 | 13.7 | 14         | 09    | 8               | 7    | 02                 | 0                  | 0.1      | 2.8   | 0.2      | 117.6 | 18.5          | 16.5 |                |
| 16  | 1021.5 | 17.1          | 15.2 | 12.9 | 23         | 09    | 6               | 8    | 02                 | 1                  | 2.1      | 4.9   | 6.7      | 124.3 | 18.0          | 16.5 |                |
| 17  | 1006.6 | 16.5          | 13.8 | 13.2 | 14         | 13    | 8               | 6    | 61                 | 1                  | 3.9      | 8.8   | 1.3      | 125.6 | 18.0          | 16.5 |                |
| 18  | 1002.2 | 15.0          | 13.0 | 12.5 | 23         | 19    | 8               | 7    | 51                 | 1                  | 3.2      | 12.0  | 0.1      | 125.7 | 17.6          | 16.5 |                |
| 19  | 1006.2 | 17.5          | 15.6 | 12.7 | 23         | 24    | 5               | 8    | 02                 | 1                  | 1.9      | 13.9  | 7.5      | 133.2 | 17.4          | 16.4 |                |
| 20  | 1011.2 | 18.0          | 15.1 | 12.0 | 23         | 09    | 6               | 8    | 03                 | 1                  | 0.3      | 14.2  | 3.3      | 136.5 | 17.5          | 16.3 |                |
| 21  | 1019.2 | 18.0          | 13.9 | 12.0 | 00         | 00    | 8               | 8    | 02                 | 1                  | 1.6      | 15.8  | 0.1      | 136.6 | 17.4          | 16.2 |                |
| 22  | 1016.6 | 18.8          | 17.4 | 17.0 | 23         | 05    | 8               | 6    | 50                 | 1                  | 0.4      | 16.2  | 1.7      | 138.3 | 17.5          | 16.1 |                |
| 23  | 1018.9 | 18.2          | 17.0 | 15.7 | 23         | 19    | 8               | 8    | 02                 | 1                  | 0.6      | 16.8  | 0.9      | 139.2 | 18.0          | 16.1 |                |
| 24  | 1004.4 | 16.6          | 14.0 | 12.3 | 25         | 19    | 6               | 7    | 25                 | 1                  | 1.6      | 18.4  | 7.3      | 146.5 | 17.5          | 16.2 |                |
| 25  | 1004.8 | 17.0          | 14.4 | 12.2 | 32         | 05    | 8               | 8    | 03                 | 1                  | 0.1      | 18.5  | 2.7      | 149.2 | 17.5          | 16.1 |                |
| 26  | 1009.9 | 16.9          | 14.5 | 12.1 | 36         | 05    | 8               | 8    | 03                 | 1                  | 0.5      | 19.0  | 0.9      | 150.1 | 17.4          | 16.2 |                |
| 27  | 1012.1 | 16.6          | 15.0 | 12.1 | 18         | 09    | 7               | 8    | 02                 | 1                  | 2.8      | 21.8  | 2.6      | 152.7 | 16.9          | 16.2 |                |
| 28  | 1019.3 | 16.8          | 14.1 | 12.2 | 34         | 09    | 7               | 8    | 02                 | 1                  | 4        | 21.8  | 7.6      | 160.3 | 17.0          | 16.1 |                |
| 29  | 1024.5 | 15.3          | 15.2 | 12.1 | 00         | 00    | 5               | 8    | 02                 | 1                  | 4        | 21.8  | 4.0      | 164.3 | 17.0          | 16.1 |                |
| 30  | 1022.3 | 16.8          | 15.7 | 14.4 | 00         | 00    | 7               | 8    | 01                 | 1                  | 0.0      | 21.8  | 6.5      | 170.8 | 17.2          | 16.0 |                |
| 31  | 1025.4 | 16.6          | 16.0 | 12.5 | 05         | 05    | 3               | 8    | 01                 | 1                  | 0.0      | 21.8  | 4.0      | 174.8 | 17.4          | 16.1 |                |

JULY

1977

MAX

MIN

GRASS

VAPOUR  
PRESSUREDEW  
POINT

REMARKS:—

|    |      |      |      |      |      |                                                                                                 |
|----|------|------|------|------|------|-------------------------------------------------------------------------------------------------|
| 1  | 19.2 | 12.4 | 12.6 | 17.2 | 15.2 | 1.5 at 0000 heavy rain 0600 1.5 at 0600 O. day 1100-1120 some 1.5 after and even                |
| 2  | 17.6 | 12.1 | 9.0  | 12.6 | 10.5 | O. at 0000 O. morn strong wind O. morn. 1120-1235 P1250 P1415 c. after some sunshine even.      |
| 3  | 22.6 | 11.5 | 8.5  | 14.1 | 12.1 | bc-c at 0000 c. sunny morn bc. sunny day.                                                       |
| 4  | 23.2 | 14.3 | 13.0 | 15.2 | 13.3 | bc. at 0000 bc. sunny morn bc. sunny day rather hazy sunny even                                 |
| 5  | 25.2 | 11.1 | 8.0  | 17.0 | 14.9 | thin cloud sunny hazy and warm at 0600 very warm hazy day sunshine to mid after.                |
| 6  | 26.2 | 13.8 | 11.4 | 16.2 | 14.2 | O. at 0000 b. hazy sunny morn b. sunny day very warm                                            |
| 7  | 28.5 | 12.2 | 9.4  | 18.0 | 15.8 | bc. at 0000 b. sunny morn b. sunny day very warm.                                               |
| 8  | 17.2 | 13.9 | 13.8 | 14.9 | 12.9 | O. at 0000 O. some 1.5 at 0600 O. day much cooler with no sunshine thunder heard even           |
| 9  | 25.4 | 12.9 | 13.5 | 16.9 | 14.9 | very heavy mist at 0000 O. early morn clearing sunny period at 0600 b. sunny                    |
| 10 | 24.5 | 11.3 | 7.6  | 14.6 | 12.6 | quite clear at 0000 b. sunny morn b. very warm sunny day.                                       |
| 11 | 25.3 | 11.1 | 6.8  | 13.0 | 10.8 | quite clear at 0000 b. sunny morn b. very warm sunny day.                                       |
| 12 | 24.6 | 11.6 | 8.4  | 16.3 | 14.3 | clear at 0000 long sunny period early morn c-o. at 0600 bc very warm sunny day.                 |
| 13 | 17.9 | 12.0 | 9.4  | 14.3 | 12.3 | O. at 0000 O. at 0600 O. day much cooler but pleasant.                                          |
| 14 | 18.7 | 12.3 | 10.9 | 14.7 | 12.7 | O. at 0000 O. c. sun breaking through at 0600 O. c. day very little sunshine O. even            |
| 15 | 18.2 | 12.6 | 10.8 | 14.1 | 12.1 | O. at 0000 O. at 0600 Mainly O. day very little sunshine P1230 P1300                            |
| 16 | 19.5 | 9.1  | 5.5  | 13.0 | 10.8 | some 1.5 at 0000 long sunny period early morn c-o. at 0600 c. sunny morn bc. O. by mid after    |
| 17 | 18.5 | 12.0 | 10.9 | 14.7 | 12.7 | some 1.5 at 0000 1.5 early morn and at 0600 -1000 Mainly O. day few short sunny periods after   |
| 18 | 16.5 | 11.2 | 8.8  | 14.0 | 12.0 | some 1.5 at 0000 and during night 0.5 0830-0600 O. showery day P0910, 1300, P1800               |
| 19 | 17.7 | 10.5 | 8.0  | 12.2 | 10.0 | 1.5 0550-0615 c. sunny at 0600 c. showery day scattered sunny periods P1140, P1210, 1300, P1430 |
| 20 | 16.8 | 10.9 | 10.0 | 11.5 | 9.1  | P1230 O. at 0000 bc-c sunny morn c-o. at 0600 sunny period near 0600 c-o. day P1315, 1540.      |
| 21 | 17.3 | 11.0 | 8.6  | 12.5 | 10.3 | O. at 0000 O. morn and at 0600 O. dull day P1630, 1830, 2115                                    |
| 22 | 23.2 | 13.8 | 14.4 | 19.0 | 16.7 | P1630 P1825 1.5 0445-0550 1.5 at 0600 O. c. very sultry day some sunshine after. P1940          |
| 23 | 19.3 | 16.4 | 15.2 | 16.8 | 14.8 | some 1.5 at 0000 O. windy at 0600 O. c. day very little sunshine strong winds also P1710        |
| 24 | 19.0 | 11.4 | 9.3  | 12.8 | 10.7 | c. at 0000 c. f. near 0600 c. sunny day strong winds P1610 P1850 c-o. even P1035 1600           |
| 25 | 16.9 | 10.5 | 9.0  | 12.4 | 10.2 | O. at 0000 c. morn short sunny periods bc. O. at 0600 c. day some short sunny periods           |
| 26 | 15.5 | 9.1  | 5.5  | 12.2 | 9.9  | P1001 little sunshine morn O. at 0600 mainly O. day P1200, P1630, 2100                          |
| 27 | 18.0 | 8.8  | 5.4  | 11.8 | 9.4  | c. at 0000 c. morn some sunshine near 0600 c. sunny morn O. after. P1540. P1650                 |
| 28 | 18.1 | 10.2 | 8.0  | 12.6 | 10.4 | O. at 0000 c. morn little sunshine c-bc. sunny day.                                             |
| 29 | 19.3 | 6.5  | 2.6  | 11.6 | 9.2  | bc-c at 0000 mist early morn c. at 0600 c-o. day some sunny periods to mid after.               |
| 30 | 21.5 | 11.6 | 11.1 | 15.4 | 13.4 | some 1.5 at 0000 O. at 0600 clearing quickly bc bc sunny day bc. even.                          |
| 31 | 21.4 | 10.7 | 5.8  | 11.7 | 9.3  | c-bc morn long sunny period to 0600 bc-c sunny morn O. but warm after.                          |

611.4

358.8

| 1977 | SNOW<br>SLEET | SNOW<br>LYING | SNOW<br>LYING | HAIL | <del>ANEMOMETER</del> |     | FOG.<br>0h-24h  | AIR<br>FROST | GROUND<br>FROST.   | GALE               | SNOW<br>LYING<br><del>RAINFALL</del> | SUNSHINE | EARTH TEMPERATURE |
|------|---------------|---------------|---------------|------|-----------------------|-----|-----------------|--------------|--------------------|--------------------|--------------------------------------|----------|-------------------|
|      | mm            | mm            | mm            | mm   | THUNDER               | FOG | Cloud<br>Amount | Wts.         | Present<br>Weather | State of<br>Ground | TOTAL                                | FRESH.   |                   |
| JULY |               |               |               |      |                       |     |                 |              |                    |                    |                                      |          | JULY 1977         |
| 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 0.86 inch (21.8 mm)  
 TOTAL SUNSHINE 174.8 hrs.

MAX. TEMP. 28.5°C on 7th  
 MIN. TEMP. 6.5°C on 29th

LOWEST MAX. TEMP. 15.5°C on 26th  
 HIGHEST MIN. TEMP. 16.4°C on 23rd

MEAN MAX. TEMP. 20.4°C  
 MEAN MIN. TEMP. 11.6°C

MEAN TEMP. FOR MONTH 16.0°C

MIN. GRASS TEMP. 2.6°C on 29th

HIGHEST BAR. M.S.L. 1026.9 mb on 10th  
 LOWEST BAR. M.S.L. 1002.2 mb on 18th

HIGHEST DAILY RAINFALL 3.9 mm 17th  
 HIGHEST DAILY SUNSHINE 15.0 hrs 11th

1977

## ANEMOMETER

HUMIDITY

SNOW LYING

30cm

100cm

RAINFALL SUNSHINE

DAILY TOTAL DAILY TOTAL EARTH. TEMP.

AUGUST

|    | Bar    | Att.<br>Ther. | Dry  | Wet  | DIR. FORCE |    | Cloud<br>Amount | Vis. | Present<br>Weather | State of<br>Ground | DAILY TOTAL |      | DAILY TOTAL |       | EARTH. | TEMP. |
|----|--------|---------------|------|------|------------|----|-----------------|------|--------------------|--------------------|-------------|------|-------------|-------|--------|-------|
| ST |        |               |      |      |            |    |                 |      |                    |                    |             |      |             |       |        |       |
| 1  | 1024.7 | 19.1          | 21.2 | 18.0 | 05         | 05 | 6               | 8    | 03                 | 0                  | 0.3         | 0.3  | 3.8         | 3.8   | 18.1   | 16.2  |
| 2  | 1019.7 | 19.3          | 17.0 | 16.0 | 00         | 00 | 8               | 7    | 61                 | 1                  | 6.7         | 7.0  | 0.1         | 3.9   | 18.2   | 16.2  |
| 3  | 1017.5 | 17.1          | 15.4 | 11.8 | 20         | 05 | 5               | 8    | 02                 | 1                  | 4.1         | 11.1 | 7.2         | 11.1  | 17.6   | 16.2  |
| 4  | 1008.2 | 17.6          | 15.2 | 14.8 | 18         | 19 | 8               | 6    | 63                 | 2                  | 14.0        | 25.1 | 0.0         | 11.1  | 17.6   | 16.4  |
| 5  | 1015.1 | 16.4          | 14.0 | 11.0 | 25         | 09 | 4               | 8    | 02                 | 1                  | 4           | 25.1 | 10.4        | 21.5  | 17.3   | 16.2  |
| 6  | 1019.9 | 15.0          | 12.1 | 10.7 | 00         | 00 | 4               | 8    | 02                 | 1                  | 0.0         | 25.1 | 10.4        | 31.9  | 16.9   | 16.2  |
| 7  | 1018.1 | 16.1          | 14.6 | 12.7 | 00         | 00 | 0               | 7    | 05                 | 1                  | 0.0         | 25.1 | 12.6        | 44.5  | 17.2   | 16.2  |
| 8  | 1018.1 | 17.0          | 15.6 | 12.8 | 00         | 00 | 6               | 7    | 05                 | 1                  | 0.0         | 25.1 | 9.4         | 53.9  | 17.4   | 16.2  |
| 9  | 1021.9 | 17.0          | 15.8 | 13.4 | 00         | 00 | 8               | 7    | 02                 | 1                  | 0.0         | 25.1 | 4.0         | 57.9  | 17.1   | 16.2  |
| 10 | 1024.2 | 17.5          | 15.8 | 14.1 | 14         | 05 | 3               | 6    | 05                 | 1                  | 0.0         | 25.1 | 9.6         | 67.5  | 17.5   | 16.3  |
| 11 | 1022.7 | 18.5          | 18.7 | 14.5 | 14         | 09 | 7               | 8    | 02                 | 1                  | 0.0         | 25.1 | 13.0        | 80.5  | 17.5   | 16.2  |
| 12 | 1022.8 | 18.1          | 15.3 | 13.5 | 00         | 00 | 0               | 6    | 05                 | 1                  | 0.0         | 25.1 | 11.4        | 91.9  | 17.6   | 16.3  |
| 13 | 1019.7 | 19.0          | 17.2 | 15.1 | 14         | 13 | 7               | 6    | 05                 | 1                  | 0.0         | 25.1 | 6.2         | 98.1  | 17.7   | 16.4  |
| 14 | 1018.0 | 19.1          | 16.9 | 15.3 | 14         | 09 | 8               | 6    | 02                 | 1                  | 0.0         | 25.1 | 3.9         | 102.0 | 17.9   | 16.4  |
| 15 | 1021.2 | 19.8          | 17.1 | 15.9 | 00         | 00 | 8               | 6    | 50                 | 1                  | 0.3         | 25.4 | 3.1         | 105.1 | 18.0   | 16.4  |
| 16 | 1021.8 | 19.0          | 16.2 | 15.1 | 09         | 09 | 8               | 6    | 20                 | 1                  | 0.0         | 25.4 | 6.3         | 111.4 | 17.6   | 16.4  |
| 17 | 1021.2 | 18.4          | 14.3 | 12.3 | 07         | 13 | 8               | 8    | 03                 | 0                  | 0.0         | 25.4 | 9.1         | 120.5 | 17.2   | 16.4  |
| 18 | 1018.2 | 18.0          | 15.8 | 12.8 | 05         | 09 | 5               | 8    | 02                 | 1                  | 0.0         | 25.4 | 8.9         | 129.4 | 17.0   | 16.4  |
| 19 | 1021.7 | 17.2          | 14.4 | 12.7 | 02         | 05 | 8               | 7    | 05                 | 0                  | 0.0         | 25.4 | 8.8         | 138.2 | 16.8   | 16.4  |
| 20 | 1007.4 | 17.0          | 12.6 | 11.5 | 02         | 09 | 8               | 7    | 02                 | 1                  | 2.0         | 27.4 | 0.5         | 138.7 | 16.8   | 16.3  |
| 21 | 1007.7 | 16.9          | 14.0 | 13.7 | 00         | 00 | 8               | 5    | 10                 | 1                  | 8.4         | 35.8 | 0.0         | 138.7 | 16.5   | 16.2  |
| 22 | 1011.5 | 16.0          | 13.6 | 12.4 | 36         | 02 | 6               | 7    | 01                 | 1                  | 4           | 35.8 | 7.3         | 146.0 | 16.1   | 16.2  |
| 23 | 1015.5 | 15.8          | 13.5 | 11.5 | 00         | 00 | 1               | 7    | 02                 | 1                  | 8.8         | 44.6 | 6.6         | 152.6 | 16.3   | 16.2  |
| 24 | 1000.1 | 15.7          | 12.5 | 11.7 | 14         | 30 | 8               | 7    | 21                 | 1                  | 23.3        | 67.9 | 0.7         | 153.3 | 16.5   | 16.0  |
| 25 | 989.9  | 15.6          | 13.6 | 13.1 | 00         | 00 | 8               | 7    | 02                 | 2                  | 13.9        | 81.8 | 2.6         | 155.9 | 15.7   | 16.0  |
| 26 | 1002.0 | 15.5          | 13.8 | 13.5 | 18         | 05 | 8               | 6    | 50                 | 1                  | 5.5         | 87.3 | 0.0         | 155.9 | 16.0   | 15.9  |
| 27 | 1019.7 | 14.1          | 11.3 | 10.0 | 36         | 09 | 6               | 8    | 01                 | 1                  | 4           | 87.3 | 5.4         | 161.3 | 15.8   | 15.8  |
| 28 | 1023.8 | 14.8          | 11.7 | 10.0 | 23         | 09 | 8               | 7    | 50                 | 1                  | 0.0         | 87.3 | 0.0         | 161.3 | 15.6   | 15.7  |
| 29 | 1013.2 | 15.0          | 15.3 | 13.3 | 23         | 24 | 7               | 8    | 50                 | 1                  | 9.7         | 97.0 | 6.2         | 167.5 | 15.5   | 15.6  |
| 30 | 1009.0 | 14.8          | 10.8 | 10.4 | 23         | 05 | 8               | 7    | 50                 | 2                  | 0.9         | 97.9 | 1.4         | 168.9 | 15.6   | 15.5  |
| 31 | 1009.1 | 17.0          | 14.8 | 12.5 | 23         | 09 | 3               | 8    | 01                 | 1                  | 4           | 97.9 | 4.2         | 173.1 | 15.5   | 15.5  |

1977

AUGUST

|    | MAX. | MIN. | GRASS | VAPOR | PRESSURE | DEW | POINT | REMARKS:—                                                                                                                                                                                               |
|----|------|------|-------|-------|----------|-----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 22.7 | 15.9 | 12.9  | 18.1  | 15.9     |     |       | O. at 0000 <sup>H</sup> bc-c sunny morn/c-o day little sunshine morn and even.                                                                                                                          |
| 2  | 17.5 | 16.0 | 13.0  | 17.4  | 15.3     |     |       | O. at 0000 <sup>H</sup> to 0830 <sup>H</sup> -obs/↑↑0955 <sup>H</sup> -1030 <sup>H</sup> . ↑↑1245 <sup>H</sup> -1430 <sup>H</sup> . O. even.                                                            |
| 3  | 18.4 | 8.4  | 4.9   | 11.0  | 8.3      |     |       | O. at 0000 <sup>H</sup> bc sunny morn/ bc-c sunny day. to 2230 <sup>H</sup> -0000 <sup>H</sup> .                                                                                                        |
| 4  | 17.6 | 12.5 | 12.0  | 16.6  | 14.6     |     |       | O. at 0000 <sup>H</sup> -0030 <sup>H</sup> bec ↑↑-0230 <sup>H</sup> . to 0400 <sup>H</sup> -0450 <sup>H</sup> . to 0700 <sup>H</sup> -0830 <sup>H</sup> bec ↑↑ to obs/↑↑-↑↑ to 1715 <sup>H</sup> .      |
| 5  | 18.1 | 7.5  | 4.0   | 10.7  | 8.0      |     |       | O. night clearing early morn long sunny period to obs/ bc-c sunny day.                                                                                                                                  |
| 6  | 18.5 | 4.1  | 0.8   | 11.7  | 9.3      |     |       | clear at 0000 <sup>H</sup> bc-c morn some sunshine/ c-bc sunny day.                                                                                                                                     |
| 7  | 20.4 | 7.4  | 4.6   | 13.1  | 11.0     |     |       | part clear at 0000 <sup>H</sup> bc sunny morn some haze/ bc sunny warm day.                                                                                                                             |
| 8  | 20.0 | 6.0  | 2.9   | 12.5  | 10.3     |     |       | c. at 0000 <sup>H</sup> sunny morn with thin cloud/ bc sunny morn and even. c-o. after.                                                                                                                 |
| 9  | 22.2 | 8.7  | 4.6   | 13.4  | 11.3     |     |       | clear at 0000 <sup>H</sup> O. mild morn/ c. day scattered sunny periods.                                                                                                                                |
| 10 | 23.1 | 8.5  | 5.3   | 15.0  | 13.0     |     |       | part clear at 0000 <sup>H</sup> bc-bc morn sunny periods to obs/ bc sunny day.                                                                                                                          |
| 11 | 23.8 | 10.0 | 7.5   | 13.1  | 11.0     |     |       | part clear at 0000 <sup>H</sup> sunny morn very thin cloud/ sunny day some mist.                                                                                                                        |
| 12 | 23.0 | 9.0  | 6.6   | 14.0  | 12.0     |     |       | part clear at 0000 <sup>H</sup> bc sunny morn/ bc day cont. sunshine some mist.                                                                                                                         |
| 13 | 22.0 | 9.2  | 6.3   | 15.5  | 13.5     |     |       | part clear at 0000 <sup>H</sup> O. thin cloud at obs/ clearing by mid-morn with long sunny periods to late.                                                                                             |
| 14 | 22.5 | 14.1 | 12.9  | 16.1  | 14.1     |     |       | O. at 0000 <sup>H</sup> O. morn/ clearing by mid morn bec. sunny after very sultry.                                                                                                                     |
| 15 | 20.2 | 13.3 | 10.7  | 17.0  | 15.0     |     |       | part clear at 0000 <sup>H</sup> some id. at 0630 <sup>H</sup> and at obs/ O. morn to 1130 <sup>H</sup> , 1200 <sup>H</sup> sunny periods.                                                               |
| 16 | 20.4 | 12.1 | 8.4   | 16.3  | 14.3     |     |       | c-o. at 0000 <sup>H</sup> some id. near obs/ c-o. clearing bec sunny from morn.                                                                                                                         |
| 17 | 19.6 | 10.2 | 7.2   | 12.7  | 10.5     |     |       | c. at 0000 <sup>H</sup> some sunshine early morn O. at obs/ sunny day.                                                                                                                                  |
| 18 | 18.2 | 8.4  | 4.6   | 12.4  | 10.2     |     |       | clear at 0000 <sup>H</sup> c. sunny morn/ bc or c. sunny morn, late after and even.                                                                                                                     |
| 19 | 20.0 | 7.4  | 4.3   | 13.2  | 11.2     |     |       | short sunny period bef. obs/ c. sunny day.                                                                                                                                                              |
| 20 | 15.6 | 6.5  | 3.4   | 12.7  | 10.5     |     |       | part clear at 0000 <sup>H</sup> some sunshine morn O. at obs/ O. day very little sunshine.                                                                                                              |
| 21 | 15.7 | 11.9 | 11.2  | 15.3  | 13.4     |     |       | to 0530 <sup>H</sup> RR to 0600 <sup>H</sup> -0630 <sup>H</sup> some id. later O. mist at obs/ O. day but mild. fog 1730-1930 <sup>H</sup> .                                                            |
| 22 | 19.8 | 10.0 | 7.3   | 13.3  | 11.3     |     |       | some sunshine morn. clearing at obs/ c. sunny day.                                                                                                                                                      |
| 23 | 20.7 | 5.6  | 2.4   | 11.9  | 9.6      |     |       | bc morn long sunny period to obs/ sunny to mid after clouding later. ↑↑2315 <sup>H</sup> -0000 <sup>H</sup> .                                                                                           |
| 24 | 15.2 | 11.0 | 10.6  | 13.0  | 10.9     |     |       | ↑↑0000 <sup>H</sup> -0550 <sup>H</sup> bec ↑↑ to near obs/ RR 1100 <sup>H</sup> -1400 <sup>H</sup> RR-↑↑1510-1600 <sup>H</sup> . P. 1915 thunder and lightning.                                         |
| 25 | 18.5 | 12.0 | 11.7  | 14.7  | 12.7     |     |       | O. c. at 0000 <sup>H</sup> to 0230 <sup>H</sup> P. 0430 <sup>H</sup> with th. O. at obs/ P. 0300 <sup>H</sup> sunny periods morn-mid after P. th and lightning.                                         |
| 26 | 15.7 | 11.1 | 8.3   | 15.2  | 13.2     |     |       | O. c. at 0000 <sup>H</sup> to 0230 <sup>H</sup> P. 0430 <sup>H</sup> with th. O. at obs/ O. day to 1400 <sup>H</sup> RR 1915 <sup>H</sup> -2030 <sup>H</sup> . ↑↑2215 <sup>H</sup> -2315 <sup>H</sup> . |
| 27 | 16.3 | 9.3  | 8.9   | 11.2  | 8.7      |     |       | O. at 0000 <sup>H</sup> . O. night o-c morn little sunshine at obs/ c. day scattered sunny periods to mid after. O. later.                                                                              |
| 28 | 16.1 | 5.9  | 2.7   | 11.0  | 8.3      |     |       | quite clear at 0000 <sup>H</sup> O. morn some id. at obs/ O. day. O. even.                                                                                                                              |
| 29 | 19.0 | 11.2 | 9.7   | 13.7  | 11.7     |     |       | O. at 0000 <sup>H</sup> little sunshine morn some id. at obs/ clearing c. sunny day.                                                                                                                    |
| 30 | 15.0 | 10.0 | 6.7   | 12.2  | 10.0     |     |       | ↑↑0215 <sup>H</sup> -0810 <sup>H</sup> bec id. at obs/ c. day little sunshine mid-after and even ↑↑1050 <sup>H</sup> -1130 <sup>H</sup> .                                                               |
| 31 | 18.4 | 8.0  | 3.7   | 12.6  | 10.4     |     |       | c. at 0000 <sup>H</sup> c-bc sunny morn/ c. day short scattered sunny periods O. even.                                                                                                                  |

1977

TEMPERATURE

HUMIDITY

FOG. AIR GROUND

SNOW  
LYING

AUGUST 1977

AUGUST

SNOW  
SLEETSNOW  
LYINGSNOW  
LYING

HAIL

THUNDER

FOG

07-24h

FROST

FROST

GALE

TOTAL

FRESH

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
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25  
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27  
28  
29  
30  
31TOTAL RAINFALL. 3.85 ins (97.9 mm)  
TOTAL SUNSHINE 173.1 hrs.MAX. TEMP. 23.8°C on 11th  
MIN TEMP. 4.1°C on 6thLOWEST MAX. TEMP. 15.0°C on 30th  
HIGHEST MIN. TEMP. 16.0°C on 2ndMEAN MAX. TEMP. 19.2°C  
MEAN MIN. TEMP. 9.4°C

MEAN TEMP. FOR MONTH 14.5°C

MIN. GRASS. TEMP. 0.8°C on 6th

HIGHEST BAR. M.S.L. 1024.7 mb on 1st  
LOWEST BAR. M.S.L. 989.9 mb on 25thHIGHEST DAILY RAINFALL 23.3 mm 24th  
HIGHEST DAILY SUNSHINE 13.0 hrs. 11thLightning  
thunder  
etc. and  
lightning

F

- - - - 2 - 1 - - 1 - -

PT.

| No. |        |            |      |      | ANEMOMETER |       | Cloud Amount | Vis. | Present Weather | State of Ground | RAINFALL |       | SUNSHINE |       | EARTH TEMPERATURE |        |
|-----|--------|------------|------|------|------------|-------|--------------|------|-----------------|-----------------|----------|-------|----------|-------|-------------------|--------|
|     | Bar    | Att. Ther. | Dry  | Wet  | Dir        | Force |              |      |                 |                 | Daily    | TOTAL | Daily    | TOTAL | 30cm              | 100 cm |
| 1   | 1002.4 | 15.4       | 14.6 | 13.8 | 18         | 19    | 8            | 6    | 20              | 1               | 0.1      | 0.1   | 2.3      | 2.3   | 15.6              | 15.5   |
| 2   | 1005.3 | 14.6       | 13.5 | 11.4 | 20         | 24    | 7            | 7    | 02              | 1               | 3.2      | 3.3   | 7.4      | 9.7   | 15.5              | 15.5   |
| 3   | 1020.6 | 14.8       | 12.7 | 10.4 | 20         | 19    | 2            | 8    | 02              | 1               | 3.0      | 6.3   | 7.8      | 17.5  | 15.4              | 15.5   |
| 4   | 1009.7 | 15.0       | 14.1 | 13.2 | 20         | 24    | 8            | 7    | 50              | 1               | 0.1      | 6.4   | 3.9      | 21.4  | 15.4              | 15.3   |
| 5   | 1016.8 | 18.8       | 12.4 | 10.3 | 23         | 19    | 8            | 8    | 02              | 1               | 2.0      | 8.4   | 0.6      | 22.0  | 15.5              | 15.6   |
| 6   | 1008.0 | 17.0       | 17.3 | 16.4 | 23         | 24    | 7            | 7    | 50              | 1               | 0.2      | 8.6   | 1.6      | 23.6  | 15.4              | 15.3   |
| 7   | 1025.1 | 14.0       | 12.4 | 10.4 | 23         | 09    | 8            | 8    | 02              | 1               | 0.6      | 9.2   | 5.2      | 28.8  | 15.2              | 15.2   |
| 8   | 1020.9 | 15.3       | 12.2 | 10.4 | 20         | 13    | 5            | 8    | 02              | 1               | 2.0      | 11.2  | 6.6      | 35.4  | 15.0              | 15.2   |
| 9   | 1028.3 | 15.0       | 9.7  | 8.3  | 23         | 09    | 8            | 8    | 03              | 1               | 2.7      | 13.9  | 1.6      | 37.0  | 14.5              | 15.0   |
| 10  | 1015.2 | 14.3       | 15.2 | 15.0 | 23         | 05    | 8            | 6    | 61              | 1               | 3.5      | 17.4  | 0.1      | 37.1  | 14.5              | 15.0   |
| 11  | 1016.7 | 15.5       | 16.6 | 15.5 | 23         | 13    | 8            | 7    | 20              | 1               | 2.0      | 19.4  | 1.3      | 38.4  | 15.0              | 14.9   |
| 12  | 1027.5 | 15.3       | 12.0 | 10.4 | 23         | 05    | 3            | 7    | 02              | 1               | 4        | 19.4  | 9.0      | 47.4  | 15.0              | 14.9   |
| 13  | 1034.9 | 15.3       | 11.5 | 10.1 | 00         | 00    | 2            | 7    | 02              | 1               | 0.0      | 19.4  | 7.9      | 55.3  | 14.7              | 14.9   |
| 14  | 1033.4 | 17.9       | 13.8 | 12.5 | 20         | 05    | 8            | 8    | 02              | 1               | 4        | 19.4  | 0.2      | 55.5  | 14.9              | 14.9   |
| 15  | 1031.1 | 19.0       | 14.1 | 13.5 | 00         | 00    | 8            | 7    | 20              | 1               | 0.0      | 19.4  | 0.0      | 55.5  | 15.1              | 14.8   |
| 16  | 1029.0 | 18.0       | 10.8 | 9.0  | 14         | 13    | 8            | 7    | 02              | 1               | 0.0      | 19.4  | 7.9      | 63.4  | 15.1              | 14.8   |
| 17  | 1033.1 | 16.6       | 9.9  | 7.6  | 09         | 02    | 8            | 8    | 02              | 1               | 0.0      | 19.4  | 5.6      | 69.0  | 14.9              | 14.8   |
| 18  | 1034.4 | 15.2       | 8.7  | 7.7  | 00         | 00    | 2            | 7    | 02              | 1               | 4        | 19.4  | 10.3     | 79.3  | 14.4              | 14.7   |
| 19  | 1034.2 | 15.9       | 8.0  | 8.0  | 00         | 00    | 8            | 5    | 10              | 1               | 0.0      | 19.4  | 6.4      | 85.7  | 14.0              | 14.7   |
| 20  | 1031.2 | 21.5       | 9.3  | 7.6  | 11         | 05    | 8            | 7    | 02              | 1               | 0.0      | 19.4  | 0.0      | 85.7  | 14.0              | 14.6   |
| 21  | 1027.1 | 18.8       | 9.3  | 8.2  | 00         | 00    | 8            | 6    | 02              | 1               | 0.0      | 19.4  | 0.0      | 85.7  | 13.7              | 14.5   |
| 22  | 1024.0 | 20.2       | 10.2 | 9.6  | 00         | 00    | 8            | 6    | 02              | 1               | 0.0      | 19.4  | 0.0      | 85.7  | 13.5              | 14.4   |
| 23  | 1019.5 | 17.9       | 11.6 | 10.0 | 14         | 05    | 8            | 6    | 02              | 1               | 0.0      | 19.4  | 0.6      | 86.3  | 13.7              | 14.4   |
| 24  | 1005.8 | 16.0       | 13.2 | 11.4 | 14         | 19    | 8            | 6    | 50              | 1               | 3.8      | 23.2  | 0.0      | 86.3  | 13.8              | 14.3   |
| 25  | 1003.4 | 16.0       | 14.5 | 13.6 | 18         | 13    | 8            | 6    | 51              | 1               | 1.0      | 24.2  | 2.3      | 88.6  | 13.7              | 14.2   |
| 26  | 1014.2 | 19.0       | 13.7 | 11.9 | 16         | 19    | 8            | 8    | 50              | 1               | 2.3      | 26.5  | 0.0      | 88.6  | 14.0              | 14.2   |
| 27  | 1019.2 | 19.0       | 10.1 | 10.0 | 00         | 00    | 8            | 6    | 10              | 1               | 9.9      | 36.4  | 0.0      | 88.6  | 14.0              | 14.1   |
| 28  | 1011.2 | 18.8       | 12.5 | 10.8 | 32         | 24    | 5            | 7    | 61              | 1               | 2.3      | 38.7  | 4.5      | 93.1  | 14.0              | 14.1   |
| 29  | 1018.5 | 17.9       | 13.6 | 11.9 | 23         | 24    | 8            | 7    | 02              | 1               | 6.2      | 44.9  | 0.1      | 93.2  | 14.0              | 14.1   |
| 30  | 1011.1 | 18.8       | 14.3 | 13.6 | 23         | 24    | 8            | 7    | 02              | 1               | 2.3      | 47.2  | 0.0      | 93.2  | 14.0              | 14.0   |
| 31  |        |            |      |      |            |       |              |      |                 |                 |          |       |          |       |                   |        |

19.7.77

SEPT.

TEMPERATURE

GRASS

VAPOUR

PRESSURE

HUMIDITY  
DEW POINT

REMARKS:—

|    | MAX. | MIN. | GRASS | VAPOUR | PRESSURE | HUMIDITY<br>DEW POINT | REMARKS:—                                                                                               |
|----|------|------|-------|--------|----------|-----------------------|---------------------------------------------------------------------------------------------------------|
| 1  | 19.0 | 12.9 | 10.0  | 15.2   | 13.2     |                       | some 10% at 0000 some 10% near 0100 c-day strong winds long sunny periods late after.                   |
| 2  | 16.6 | 10.7 | 8.3   | 11.8   | 9.4      |                       | c-o. at 0000 c sunny morn strong winds/c-be sunny day some rain mid-day.                                |
| 3  | 17.2 | 5.8  | 1.2   | 10.7   | 8.0      |                       | c-o. at 0000 long sunny period too! bc sunny day.                                                       |
| 4  | 19.0 | 10.9 | 1.1   | 14.4   | 12.4     |                       | to 0130-0830 bc 10% obs clearing by mid-day long sunny period after.                                    |
| 5  | 14.1 | 9.5  | 5.7   | 10.8   | 8.2      |                       | quite clear at 0000 O. morn fresh wind/Mainly O. day very little sunshine.                              |
| 6  | 17.6 | 11.5 | 9.5   | 18.0   | 15.8     |                       | c-o. at 0000 some rain during night 10% at 0100-0910 short scattered sunny periods.                     |
| 7  | 15.6 | 6.8  | 2.0   | 11.0   | 8.4      |                       | quite clear at 0000 O. morn little sunshine at 0100/c day scattered sunny periods fr 1225.              |
| 8  | 14.3 | 7.0  | 3.3   | 11.2   | 8.6      |                       | quite clear at 0000 bc-c sunny morn/++ 0920-1050 fr 1320 c-o. day.                                      |
| 9  | 15.0 | 3.8  | -0.5  | 9.8    | 6.7      |                       | quite clear at 0000 bc early morn bc O. at 0100 O. day fr 1830 fr 1900.                                 |
| 10 | 17.3 | 9.5  | 9.6   | 16.8   | 14.8     |                       | O. at 0000 strong winds to 0340-0745 bc to 0100-0920 bc ++ 1150 fr 1250 O.C. after.                     |
| 11 | 19.3 | 12.9 | 13.9  | 16.7   | 14.7     |                       | O. at 0000 O. morn some 10% near 0100 clearing by mid-day some sunny periods after. P 1730/1815 fr 2000 |
| 12 | 16.7 | 6.2  | 1.5   | 11.4   | 8.8      |                       | quite clear at 0000 bc sunny period at 0100 bc-c sunny day.                                             |
| 13 | 17.0 | 4.6  | N/K   | 11.3   | 8.7      |                       | quite clear at 0000 bc sunny morn/ bc sunny day clouding later.                                         |
| 14 | 16.9 | 9.0  | 5.8   | 13.4   | 11.3     |                       | O. at 0000 O. at 0100 Mainly O. day very little sunshine. O. even.                                      |
| 15 | 16.4 | 12.5 | 12.6  | 15.0   | 13.0     |                       | O. at 0000 O. some 10% near 0100 O. day. O. even.                                                       |
| 16 | 14.6 | 9.7  | 6.1   | 10.0   | 7.0      |                       | O. at 0000 O. at 0100 clearing quickly bc day cont. sunshine.                                           |
| 17 | 13.8 | 7.6  | 3.9   | 8.6    | 4.8      |                       | c-o. at 0000 O. morn clearing quickly bc sunny day.                                                     |
| 18 | 16.1 | 1.9  | -1.0  | 9.7    | 6.6      |                       | clear at 0000 bc morn sunny at 0100 bc sunny day.                                                       |
| 19 | 15.7 | 4.3  | 0.3   | 10.8   | 8.0      |                       | quite clear at 0000 fog early morn heavy mist at 0100 cleared by mid-day long sunny period later.       |
| 20 | 10.5 | 4.1  | 0.2   | 9.0    | 5.5      |                       | clear at 0000 O. at 0100 O. day.                                                                        |
| 21 | 11.9 | 7.1  | 6.5   | 10.0   | 6.9      |                       | O. calm. at 0100 O. calm day.                                                                           |
| 22 | 13.5 | 8.6  | 8.5   | 11.3   | 8.8      |                       | O. at 0000 O. morn O. calm day O. even                                                                  |
| 23 | 14.0 | 9.8  | 9.3   | 11.0   | 8.3      |                       | O. at 0000 O. morn O. day little sunshine mid-after moderate breeze                                     |
| 24 | 14.2 | 11.5 | 8.8   | 12.0   | 9.7      |                       | O. at 0000 O. morn some 10% at 0100 O. day ++ 1400-1500 to 1810-2030 fr 2315.                           |
| 25 | 17.6 | 11.5 | 11.1  | 14.9   | 12.8     |                       | to 0130 to 0540 some 10% at 0100 fr 0910, 0950, 1020, 1200 some sunny periods late after.               |
| 26 | 16.0 | 11.7 | 7.3   | 12.4   | 10.2     |                       | O. at 0000 O. morn some 10% at 0100 O. day fr 1210 P 1910 O. even fr 2300.                              |
| 27 | 16.5 | 7.5  | 3.4   | 12.2   | 9.9      |                       | O. morn some mist at 0100 O. day fr 0930, 1150, ++ RR 1700-2010 fr 2150.                                |
| 28 | 15.1 | 10.1 | 11.2  | 11.6   | 9.2      |                       | fr 0615 fr 0720 strong winds c at 0100/c day scattered sunny periods fr 1000, 1100, P 1915.             |
| 29 | 15.1 | 10.2 | 7.2   | 12.6   | 10.3     |                       | O. morn strong winds at 0100 O. day ++ 1630-2200.                                                       |
| 30 | 15.0 | 12.5 | 10.6  | 15.0   | 13.0     |                       | O. at 0000 fr 0140 fr 0445 RR 0720-0740 bc to 0830 O. at 0100 O. day many short scattered showers.      |
| 31 |      |      |       |        |          |                       |                                                                                                         |

19.7.77

SEPT.

SNOW  
LYING  
SHEET  
DrySNOW  
LYING  
9h  
Attn  
Ther.SNOW  
LYING  
0h-24h  
DryHAIL  
Wet

THUNDER

Fog 9h

FOG  
0h-24h  
Cloud  
AmountAIR  
FROST  
FogGROUND  
FROST  
Present  
WeatherGALE  
State of  
GroundSNOW LYING  
HUMIDITY  
TOTAL FRESH

SNOW LYING

SEPTEMBER 1977

1  
2  
3  
4  
5  
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7  
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29  
30  
31TOTAL RAINFALL (47.2mm) 1.86 ins  
TOTAL SUNSHINE 93.2 hrsMAX. TEMP. 19.3°C on 11th  
MIN. TEMP. 1.9°C on 18thLOWEST MAX. TEMP 10.5°C on 20th  
HIGHEST MIN. TEMP. 12.9°C on 1st, 11thMEAN MAX. TEMP. 15.8°C  
MEAN MIN. TEMP. 8.4°C

MEAN TEMP. FOR MONTH. 12.3°C

MIN. GRASS TEMP. -1.0°C on 18th

HIGHEST BAR. M.S.L. 1034.9 mb on 13th  
LOWEST BAR. M.S.L. 1002.4 mb on 1stHIGHEST DAILY RAINFALL (9.9mm) 27th  
HIGHEST DAILY SUNSHINE 10.3 hrs 18th

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1

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2

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1977...

OCTOBER

|    | Bar    | Att.<br>Ther. | Dry  | Wet  | ANEMOMETER |       | Cloud<br>Amount | Vis. | Present<br>Weather | State of<br>Ground | RAINFALL |       | SUNSHINE |       | EARTH TEMPERATURE |       |
|----|--------|---------------|------|------|------------|-------|-----------------|------|--------------------|--------------------|----------|-------|----------|-------|-------------------|-------|
|    |        |               |      |      | Dir        | Force |                 |      |                    |                    | DAILY    | TOTAL | DAILY    | TOTAL | 30cm              | 100cm |
| 1  | 1010.8 | 14.4          | 9.5  | 7.7  | 23         | 19    | 7               | 7    | 50                 | 1                  | 0.7      | 0.7   | 5.5      | 5.5   | 13.5              | 14.0  |
| 2  | 1016.0 | 14.6          | 9.0  | 7.7  | 27         | 05    | 5               | 8    | 02                 | 1                  | 0.8      | 1.5   | 5.9      | 11.4  | 13.0              | 14.0  |
| 3  | 1011.4 | 15.0          | 9.5  | 8.7  | 23         | 19    | 8               | 7    | 62                 | 1                  | 9.5      | 11.0  | 0.0      | 11.4  | 12.8              | 14.9  |
| 4  | 1001.2 | 18.5          | 10.8 | 10.6 | 23         | 09    | 8               | 7    | 25                 | 1                  | 0.7      | 11.7  | 3.6      | 15.0  | 13.0              | 13.7  |
| 5  | 999.1  | 18.7          | 9.0  | 7.5  | 20         | 19    | 5               | 8    | 02                 | 1                  | 1.8      | 12.8  | 3.7      | 18.7  | 12.7              | 13.7  |
| 6  | 993.0  | 17.0          | 7.9  | 7.7  | 00         | 00    | 8               | 7    | 60                 | 1                  | 7.3      | 20.1  | 0.0      | 18.7  | 12.4              | 13.5  |
| 7  | 994.1  | 18.9          | 11.9 | 11.7 | 00         | 00    | 8               | 7    | 21                 | 2                  | 0.1      | 20.2  | 0.2      | 18.9  | 12.5              | 13.5  |
| 8  | 991.6  | 15.9          | 12.6 | 11.1 | 16         | 19    | 7               | 7    | 01                 | 1                  | 3.0      | 23.2  | 2.4      | 21.3  | 12.5              | 13.4  |
| 9  | 990.1  | 15.1          | 11.1 | 10.3 | 18         | 05    | 7               | 7    | 02                 | 1                  | 1.1      | 24.3  | 0.0      | 21.3  | 12.6              | 13.4  |
| 10 | 1013.1 | 16.5          | 8.7  | 7.5  | 23         | 09    | 7               | 7    | 03                 | 1                  | 1.4      | 24.3  | 7.0      | 28.3  | 12.3              | 13.3  |
| 11 | 1004.8 | 19.0          | 13.7 | 11.7 | 14         | 24    | 8               | 7    | 02                 | 1                  | 18.2     | 42.5  | 0.0      | 28.3  | 12.2              | 13.2  |
| 12 | 1002.0 | 18.2          | 11.2 | 9.5  | 20         | 24    | 8               | 8    | 02                 | 1                  | 0.1      | 42.6  | 6.2      | 34.5  | 12.0              | 13.2  |
| 13 | 1016.9 | 17.7          | 9.6  | 8.5  | 16         | 09    | 8               | 8    | 02                 | 1                  | 0.0      | 42.7  | 4.2      | 38.7  | 11.6              | 13.1  |
| 14 | 1015.3 | 15.0          | 13.4 | 12.0 | 16         | 13    | 5               | 7    | 03                 | 1                  | 0.1      | 42.7  | 0.2      | 38.9  | 11.9              | 12.9  |
| 15 | 1010.5 | 16.2          | 14.6 | 13.0 | 14         | 19    | 8               | 7    | 02                 | 1                  | 1.4      | 42.7  | 0.8      | 39.7  | 12.1              | 12.8  |
| 16 | 1012.5 | 16.5          | 14.7 | 13.2 | 04         | 19    | 2               | 7    | 01                 | 1                  | 1.0      | 42.7  | 2.7      | 42.4  | 12.5              | 12.9  |
| 17 | 1013.2 | 20.3          | 14.5 | 13.4 | 00         | 00    | 5               | 7    | 01                 | 1                  | 0.0      | 42.8  | 4.3      | 46.7  | 12.5              | 12.8  |
| 18 | 1009.1 | 18.0          | 14.8 | 12.8 | 14         | 09    | 8               | 6    | 02                 | 1                  | 0.0      | 42.7  | 0.5      | 47.2  | 12.7              | 12.9  |
| 19 | 1006.3 | 18.0          | 15.4 | 13.8 | 14         | 13    | 2               | 6    | 02                 | 1                  | 0.2      | 42.9  | 2.8      | 50.0  | 12.9              | 12.9  |
| 20 | 1009.7 | 17.2          | 13.1 | 12.2 | 14         | 13    | 7               | 7    | 01                 | 1                  | 2.1      | 45.0  | 0.9      | 50.9  | 13.0              | 13.0  |
| 21 | 1004.6 | 20.5          | 14.0 | 13.2 | 14         | 13    | 6               | 7    | 02                 | 1                  | 1.4      | 45.0  | 3.4      | 54.3  | 13.1              | 13.0  |
| 22 | 1004.8 | 15.5          | 12.0 | 10.5 | 16         | 24    | 5               | 8    | 02                 | 1                  | 4.4      | 49.4  | 6.3      | 60.6  | 13.2              | 13.0  |
| 23 | 1012.1 | 14.7          | 8.4  | 7.0  | 20         | 09    | 4               | 8    | 02                 | 1                  | 2.1      | 51.5  | 1.5      | 62.1  | 12.6              | 13.0  |
| 24 | 1007.9 | 16.0          | 13.5 | 12.2 | 23         | 19    | 3               | 7    | 01                 | 1                  | 0.3      | 51.8  | 2.4      | 64.5  | 12.5              | 13.0  |
| 25 | 1027.3 | 17.8          | 8.0  | 7.4  | 18         | 09    | 6               | 7    | 02                 | 1                  | 1.4      | 51.8  | 1.4      | 65.9  | 12.1              | 13.0  |
| 26 | 1021.9 | 17.2          | 11.8 | 10.5 | 20         | 13    | 8               | 6    | 02                 | 1                  | 0.5      | 52.3  | 0.6      | 66.5  | 12.0              | 12.8  |
| 27 | 1014.6 | 18.0          | 9.1  | 7.7  | 23         | 09    | 1               | 7    | 02                 | 1                  | 0.2      | 52.5  | 5.3      | 71.8  | 12.1              | 12.8  |
| 28 | 1017.5 | 18.4          | 12.8 | 11.5 | 23         | 24    | 6               | 7    | 01                 | 1                  | 1.4      | 52.5  | 0.1      | 71.9  | 11.5              | 12.6  |
| 29 | 1017.8 | 17.0          | 11.5 | 10.1 | 16         | 19    | 8               | 8    | 02                 | 1                  | 3.2      | 55.7  | 2.1      | 74.0  | 11.8              | 12.7  |
| 30 | 997.2  | 16.0          | 12.2 | 11.2 | 16         | 37    | 8               | 6    | 61                 | 1                  | 10.1     | 65.8  | 0.0      | 74.0  | 11.8              | 12.6  |
| 31 | 989.8  | 18.0          | 6.1  | 5.8  | 20         | 09    | 3               | 8    | 02                 | 1                  | 0.2      | 66.0  | 5.0      | 79.0  | 11.9              | 12.5  |

19.77

TEMPERATURE

HUMIDITY

VAPOUR DEW

OCTOBER

MAX

MIN

GRASS

PRESSURE

POINT

REMARKS

|    |      |      |      |      |      |                                                                                                   |
|----|------|------|------|------|------|---------------------------------------------------------------------------------------------------|
| 1  | 12.2 | 6.1  | 2.8  | 9.1  | 5.6  | part clear at 0000. P 0440, 0600 some 1/4 at obs/ c. day scattered sunny periods p 0950, 1130.    |
| 2  | 13.8 | 6.3  | 2.7  | 9.4  | 6.1  | c. morn little sunshine at obs/ c. sunny day.                                                     |
| 3  | 14.9 | 5.9  | 0.5  | 10.6 | 7.8  | quite clear at 0000 int. moderate rain at obs/ it, bec 11-1040. 11250-1450. 11700-2000.           |
| 4  | 12.1 | 9.2  | 7.4  | 12.6 | 10.4 | mainly c-o. p 0115. it 0230-obs/ clearing c. day sunny periods p 1110, 1220, 1410.                |
| 5  | 12.0 | 5.8  | 2.2  | 9.1  | 5.7  | clear at 0000 p 2330. p 0030. c. morn long sunny period too/ c. sunny morn. O. after. 11230-2340. |
| 6  | 11.9 | 6.2  | 4.3  | 10.3 | 7.4  | 1010 0130-0450. 1010 0600 bec it - obs/ 110930-1130. O. day p 1530.                               |
| 7  | 13.6 | 7.7  | 9.6  | 13.5 | 11.5 | p 0115 some th and lightning night RR 0430-0745 bec 11-0830 O. day little sunshine mid. day       |
| 8  | 14.0 | 10.5 | 7.5  | 12.0 | 9.7  | O. at 0000 th. and lightning o-c at obs/ c-o. day some sunshine morn. 112300-0040.                |
| 9  | 12.8 | 9.9  | 8.5  | 11.9 | 9.5  | p 0715 o-c. at obs/ c-o. day p 1000 p 1630. p 1700, p 1830.                                       |
| 10 | 13.4 | 5.0  | -0.1 | 9.4  | 6.1  | c. morn sunny periods bef. obs/ c. sunny day.                                                     |
| 11 | 15.1 | 7.9  | 2.5  | 12.2 | 9.8  | O. at obs/ strong to near gale winds 11500-1600 bec RR 1700 bec 11820. P 2110.                    |
| 12 | 13.3 | 7.7  | 4.2  | 10.5 | 7.7  | strong winds night and morn c. clearing after obs/ mainly bec sunny day.                          |
| 13 | 15.6 | 6.6  | 2.0  | 10.2 | 7.3  | bc-c cool breeze/ bc-c. sunny day.                                                                |
| 14 | 14.8 | 9.7  | 7.5  | 12.8 | 10.7 | bc fresh SSE breeze bc/ mainly O. day but mild p 2000                                             |
| 15 | 16.3 | 12.9 | 11.5 | 13.8 | 11.7 | O. at 0000 fresh to strong winds at obs/ mainly O. day. little sunshine early after.              |
| 16 | 17.6 | 13.2 | 10.3 | 13.9 | 11.9 | O. at 0000 clearing sunny period at obs/ sunny morn. O. later.                                    |
| 17 | 17.5 | 10.5 | 6.4  | 14.5 | 12.5 | heavy mist at 0000 O-C. morn/ c-bc sunny day.                                                     |
| 18 | 16.8 | 12.0 | 8.9  | 13.1 | 11.0 | O. at 0000. O. mild at obs/ O. mild day little sunshine mid-day                                   |
| 19 | 16.3 | 10.4 | 10.0 | 14.5 | 12.5 | O. at 0000 b. sunny morn/ b. sunny morn clouding over after p 2100 some 1/4 2330                  |
| 20 | 15.7 | 11.4 | 8.8  | 12.7 | 11.4 | some 1/4 at 0230, o-c at obs/ c. sunny morn. O. after p 1400 1010 1900-2030. 1010 2115-2240.      |
| 21 | 16.0 | 13.0 | 10.7 | 14.5 | 12.5 | p 2340 1010 110230-0330. o-c at obs/ c. day sunny periods p 2315                                  |
| 22 | 14.5 | 11.2 | 8.7  | 12.4 | 9.0  | O. at 0000 b. sunny period at obs/ c. sunny day. RR 1330-1415 with th. p 1740. P 2045.            |
| 23 | 13.8 | 5.9  | 2.7  | 10.9 | 5.3  | p 0330 bc-c sunny at obs/ c-o. day some sun mid day. 1010 1400-1715 bec RR 1800.                  |
| 24 | 14.7 | 8.0  | 7.2  | 13.0 | 11.0 | O. at 0000 1010 0425 bc sunny at obs/ c. sunny morn/ o. after p 1510. bc-c. even.                 |
| 25 | 12.2 | 6.0  | 2.1  | 9.8  | 6.7  | bc. at 0000 c. morn much cooler at obs/ c. morn some sunshine mid-day. O. after.                  |
| 26 | 14.0 | 7.9  | 7.0  | 11.6 | 9.2  | c-o. at 0000. O. morn/ o-c day some sunshine mid-day.                                             |
| 27 | 12.5 | 8.0  | 4.5  | 9.4  | 6.0  | c. at 0000 b. morn sunshine at obs/ bc. sunny day clear even.                                     |
| 28 | 13.8 | 7.2  | 1.7  | 12.5 | 10.3 | p 0130. strong winds o-c at obs/ mainly O. day mild O. even.                                      |
| 29 | 13.6 | 10.4 | 7.4  | 11.2 | 8.7  | O. at 0000 O. at obs/ c. sunny morn. O. after and even p 1930.                                    |
| 30 | 14.4 | 10.3 | 9.0  | 12.4 | 10.2 | p 0010. 110200-0410 1010 0830-obs/ bec 110940. gale force winds 1010 1020-1220 p 1440 RR 02130    |
| 31 | 9.8  | 5.6  | 2.3  | 9.0  | 5.4  | O. at 0000 RR 0210-0430 b. at obs/ bc. sunny day p 1320.                                          |

1977

| 1977 | SNOW<br>SLEET | SNOW<br>LYING | SNOW<br>LYING | HAIL | THUNDER | FOG | AIR<br>FROST | GROUND<br>FROST | GALE | SNOWLYING |
|------|---------------|---------------|---------------|------|---------|-----|--------------|-----------------|------|-----------|
|      |               | 9h            | 0h-24h        |      |         | 9h  | 0h-24h       |                 |      |           |

TOTAL FRESH

OCTOBER 1977

OCT.

1  
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31

THUNDER  
LIGHTNING

THUNDER

—

F

— — — — 2 — — — 1 1 — —

TOTAL RAINFALL (66.0 mm) 2.60 ins  
TOTAL SUNSHINE 79.0 hrs

MAX TEMP. 17.6°C on 16th  
MIN TEMP 5.0°C on 10th

LOWEST MAX TEMP 9.8°C on 31st  
HIGHEST MIN TEMP 13.2°C on 16th

MEAN MAX TEMP. 14.2°C  
MEAN MIN TEMP. 8.7°C on 10th

MEAN TEMP. FOR MONTH 11.5°C

MIN GRASS TEMP, -0.1°C on 10th

HIGHEST BAR. M.S.L 1027.3 mb on 25th  
LOWEST BAR. M.S.L 989.8 mb on 31st

HIGHEST DAILY RAINFALL (8.2) mm on 11th  
HIGHEST DAILY SUNSHINE 7.0 HRS. on 10th

METEOROLOGICAL  
OBSERVATIONS



# METEOROLOGICAL OFFICE

(Climatological Services and Records)

Tyrone House, Ormeau Avenue, BELFAST 2

Telephone: Belfast 28457-8

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New postal code:  
BELFAST  
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Please address any reply to  
THE SENIOR METEOROLOGICAL OFFICER  
NORTHERN IRELAND

and quote:

Your reference:

Our Ref: 9336

Miss Shelagh Grew  
Armagh Observatory  
ARMAGH

28 August 1975

Dear Miss Grew

Further to Mr Dohertys visit during which a thermograph was replaced by another from this office the question of the issue of a Precision Aneroid was raised and a request has been made to my headquarters for one for your station.

The high standard of observational work carried on by Mr Scott since the death of Dr Lindsay is greatly appreciated. His accuracy, reliability and associated climatological returns are excellent and despatched speedily to this office. He maintains and cares for the equipment in a meticulous manner. Please thank Mr Scott personally for his help and cooperation. His high standards of observational work are most gratifying.

Yours sincerely

S J G PARTINGTON  
Senior Meteorological Officer  
BELFAST

19.7.7

NOVEMBER

|    | BAR.   | ATT.<br>THER. | DRY  | WET  | ANEMOMETER |       | CLOUD         | VIS. | PRESENT<br>WEATHER | STATE OF<br>GROUND | RAINFALL |       | SUNSHINE |       | EARTH<br>TEMPERATURE |         |
|----|--------|---------------|------|------|------------|-------|---------------|------|--------------------|--------------------|----------|-------|----------|-------|----------------------|---------|
|    |        |               |      |      | DIR.       | FORCE |               |      |                    |                    | DAILY    | TOTAL | DAILY    | TOTAL | 30 cm.               | 100 cm. |
| 1  | 1004.7 | 16.8          | 6.0  | 5.2  | 20         | 09    | 8             | 8    | 02                 | 1                  | 2.8      | 2.8   | 0.9      | 0.9   | 11.0                 | 12.5    |
| 2  | 1000.1 | 16.9          | 4.6  | 4.4  | 18         | 05    | 3             | 6    | 02                 | 1                  | 4.2      | 7.0   | 3.9      | 4.8   | 10.5                 | 12.3    |
| 3  | 991.2  | 16.0          | 7.0  | 5.9  | 23         | 24    | 2             | 8    | 02                 | 1                  | 1.9      | 8.9   | 4.7      | 9.5   | 10.0                 | 12.2    |
| 4  | 1000.6 | 15.0          | 4.5  | 3.7  | 23         | 09    | 6             | 8    | 02                 | 1                  | 4.8      | 13.7  | 3.9      | 13.4  | 9.5                  | 12.0    |
| 5  | 993.6  | 14.0          | 10.0 | 9.1  | 23         | 13    | 8             | 8    | 03                 | 1                  | 1.9      | 15.6  | 1.2      | 14.6  | 9.4                  | 11.8    |
| 6  | 1000.9 | 12.0          | 6.0  | 5.0  | 20         | 19    | 7             | 8    | 02                 | 1                  | 7.3      | 22.9  | 0.1      | 14.7  | 9.2                  | 11.5    |
| 7  | 996.0  | 15.0          | 7.3  | 7.0  | 23         | 09    | 8             | 8    | 02                 | 1                  | 4.1      | 27.0  | 2.9      | 17.6  | 9.5                  | 11.4    |
| 8  | 1004.1 | 18.2          | 7.4  | 5.6  | 23         | 24    | 3             | 8    | 02                 | 1                  | 0.2      | 27.2  | 2.3      | 19.9  | 9.3                  | 11.3    |
| 9  | 1011.4 | 14.7          | 8.0  | 7.7  | 23         | 02    | 8             | 7    | 10                 | 1                  | 10.0     | 37.2  | 0.0      | 19.9  | 8.8                  | 11.2    |
| 10 | 1003.6 | 17.2          | 14.0 | 12.7 | 18         | 24    | 8             | 7    | 20                 | 2                  | 5.9      | 43.1  | 1.6      | 21.5  | 9.5                  | 11.0    |
| 11 | 996.7  | 17.1          | 8.2  | 7.5  | 23         | 24    | 8             | 6    | 60                 | 2                  | 16.6     | 59.7  | 1.5      | 23.0  | 9.8                  | 11.0    |
| 12 | 998.5  | 12.3          | 2.3  | 2.0  | 23         | 13    | 8             | 7    | 84                 | 2                  | 1.2      | 60.9  | 1.9      | 24.9  | 9.3                  | 10.9    |
| 13 | 1014.0 | 10.8          | 3.6  | 2.8  | 27         | 05    | 8             | 7    | 02                 | 1                  | 4.3      | 65.2  | 0.9      | 25.8  | 8.3                  | 10.9    |
| 14 | 987.4  | 14.0          | 9.0  | 7.8  | 23         | 30    | 8             | 6    | 60                 | 1                  | 8.0      | 73.2  | 0.9      | 26.7  | 8.3                  | 10.6    |
| 15 | 998.1  | 16.0          | 1.3  | 1.2  | 07         | 09    | 5             | 8    | 02                 | 1                  | 0.6      | 73.8  | 3.6      | 30.3  | 8.0                  | 10.5    |
| 16 | 997.7  | 14.0          | 1.7  | 1.3  | 23         | 05    | 5             | 7    | 02                 | 1                  | 1.5      | 75.3  | 0.8      | 31.1  | 7.5                  | 10.4    |
| 17 | 1006.6 | 15.0          | 0.1  | 0.0  | 00         | 00    | 3             | 7    | 10                 | 3                  | 2.5      | 77.8  | 2.4      | 33.5  | 6.8                  | 10.1    |
| 18 | 1022.0 | 12.7          | 1.5  | 1.2  | 00         | 00    | 7             | 8    | 02                 | 3                  | 2.9      | 80.7  | 0.2      | 33.7  | 6.4                  | 9.9     |
| 19 | 1012.2 | 11.2          | 6.5  | 6.0  | 23         | 24    | 8             | 7    | 50                 | 1                  | 3.8      | 84.5  | 0.0      | 33.7  | 6.2                  | 9.5     |
| 20 | 0997.5 | 9.4           | 0.8  | 0.5  | 00         | 00    | 8             | 8    | 02                 | 3                  | 1.0      | 85.5  | 0.4      | 34.1  | 6.5                  | 9.4     |
| 21 | 1006.9 | 15.0          | -4.0 | -4.2 | 00         | 00    | 3             | 8    | 02                 | 7                  | 4        | 85.5  | 2.8      | 36.9  | 5.9                  | 9.3     |
| 22 | 1016.9 | 15.4          | 3.6  | 2.8  | 27         | 19    | 8             | 8    | 02                 | 1                  | 4        | 85.5  | 0.1      | 37.0  | 5.5                  | 9.0     |
| 23 | 1008.2 | 15.0          | 7.2  | 6.5  | 23         | 24    | 8             | 7    | 60                 | 1                  | 8.2      | 93.7  | 0.0      | 37.0  | 5.8                  | 8.9     |
| 24 | 1012.2 | 16.2          | 1.1  | 0.6  | 32         | 09    | 2             | 8    | 23                 | 1                  | 0.4      | 93.7  | 5.1      | 42.1  | 6.1                  | 8.8     |
| 25 | 1026.5 | 15.4          | 1.1  | 0.9  | 00         | 00    | 3             | 7    | 02                 | 3                  | 4        | 93.7  | 6.2      | 48.3  | 5.5                  | 8.6     |
| 26 | 1028.5 | 10.0          | -3.1 | -3.1 | 00         | 00    | $\frac{7}{8}$ | 3    | 43                 | 3                  | 4        | 93.7  | 0.0      | 48.3  | 5.0                  | 8.5     |
| 27 | 1026.6 | 7.7           | -1.5 | -1.8 | 00         | 00    | 4             | 5    | 10                 | 3                  | 4        | 93.7  | 1.9      | 50.2  | 4.5                  | 8.3     |
| 28 | 1031.0 | 13.5          | -2.6 | -2.6 | 00         | 00    | 8             | 3    | 42                 | 3                  | 0.1      | 93.8  | 0.0      | 50.2  | 4.2                  | 8.0     |
| 29 | 1030.1 | 14.0          | -1.9 | -2.0 | 00         | 00    | 3             | 5    | 10                 | 3                  | 4        | 93.8  | 5.1      | 55.3  | 4.1                  | 7.9     |
| 30 | 1023.1 | 12.0          | -3.2 | -3.3 | 00         | 00    | 7             | 5    | 10                 | 3                  | 0.0      | 93.8  | 0.1      | 55.4  | 3.7                  | 7.7     |
| 31 |        |               |      |      |            |       |               |      |                    |                    |          | 94.2  |          |       |                      |         |

| TEMPERATURE |      |                | VAPOUR<br>PRESSURE | DEW<br>POINT | REMARKS :-                                                                                                                   |
|-------------|------|----------------|--------------------|--------------|------------------------------------------------------------------------------------------------------------------------------|
| MAX.        | MIN. | GRASS.<br>MIN. |                    |              |                                                                                                                              |
| 8.4         | 3.5  | -0.6           | 8.2                | 4.1          | b. at 0000. O. cold at dls/ o. day 10.5 1130"-1300". 10.5 1630"-1915" b.e. at 2100".                                         |
| 8.8         | 4.3  | -1.1           | 8.2                | 4.1          | fog after 0000 b. be at dls/ b-e sunny morn c-o. after. p. 1815" clear even.                                                 |
| 9.8         | 4.2  | 0.5            | 8.4                | 4.4          | RR 0000-0145" b. sunny morn/ b. sunny morn p. 1145" p. 1440" c. after p. 1600", 1855".                                       |
| 10.0        | 2.2  | -0.7           | 7.3                | 2.5          | clear at 0000 p. 0100", 0245", p. 0530", 0600". c. sunny at dls/ c. day with sunny periods p. 1320".                         |
| 11.0        | 4.0  | 2.3            | 10.9               | 8.2          | O. at 0000 10.5 1130"-0630". O. at dls/ O. day p. 1500", P. 1545" some sunshine after. p. 1700", p. 1945".                   |
| 11.7        | 4.2  | 0.6            | 7.9                | 3.6          | clear at 0000 O. cold at dls/ O. day gale force winds after O. even.                                                         |
| 10.4        | 5.6  | 4.2            | 9.8                | 6.7          | p. 0945" 11.5 0130"-0340". RR 0450-0710" O. at dls/ clearing long sunny period morn to mid after. P. 1645", p. 1810", 1850". |
| 9.0         | 4.3  | 0.8            | 7.7                | 3.1          | clear at 0000 p. 0240" b. be morn/ b-e day short sunny periods mid after p. 1220", 1350".                                    |
| 14.5        | 6.2  | 1.4            | 10.2               | 7.3          | quite clear at 0000 O. morn/ O. wet day 11.10 45"-1200" RR 1240"-1610" b.e. 10.5 1700".                                      |
| 15.4        | 7.9  | 7.0            | 13.6               | 11.5         | p. 0740" O. some 10.5 neat dls/ O-c day sunny periods early after. gale force winds b.e. 0000"                               |
| 10.1        | 8.0  | 6.0            | 9.8                | 6.7          | free 8 winds after 0000 RR 0315"-0430" 11.0 820" b.e. 10.5 at dls/ p. 0930" P. 1210" p. 1500" P. 1645", 1800" P. 1830".      |
| 4.0         | 1.9  | 1.0            | 6.8                | 1.5          | 11.5 10.5 11.5 2300"-0050" F. 8 winds night p. 0145", 0300" RR clear. 0520" 10.5 0750" dls/ O-c for sunny periods            |
| 10.2        | 1.0  | -2.0           | 6.8                | 1.5          | p. 0000" cold night frost. O. at dls/ O-c day little sunshine mid day 11.5 1700"-1945".                                      |
| 9.0         | 3.2  | 0.8            | 9.5                | 6.2          | O. at 0000 10.5 0750"-0820" 10.5 at dls/ O-c. showery day strong gale force winds some sunshine after.                       |
| 6.0         | 0.5  | -1.6           | 6.6                | 1.0          | 10.5 2330"-0300" p. 0420", 0450". c. cold at dls/ c. day scattered sunny periods p. 1045"                                    |
| 3.7         | 0.4  | -3.3           | 6.4                | 0.7          | quite clear at 0000 c. at dls/ c. day p. 1100", p. 1340" clear even.                                                         |
| 4.6         | -1.8 | -6.0           | 6.0                | -0.2         | clear at 0000 - b. be at dls/ b-e sunny morn p. 1230" P. 1315" p. 1420" p. 1630".                                            |
| 6.2         | -0.7 | -5.0           | 6.4                | 0.7          | p. 0 at 0000 O. at dls/ O-c day short sunny periods.                                                                         |
| 7.8         | 1.4  | -0.8           | 8.9                | 5.3          | some 10.5 at 0000 p. 0150" 10.5 0500"-0700". 10.5 at dls/ 1000". 10.5 1230"-1315". 11.5 1345"-1500" p. 1910", 2030".         |
| 2.6         | 0.2  | -3.0           | 6.1                | 0.0          | p. 0210" O. at dls/ O-c day p. 1400" little sun after clear even.                                                            |
| 5.8         | -4.8 | -7.7           | 4.2                | -5.2         | clear at 0000 snow fall during night very cold at dls/ b-e day some sunny periods clear even.                                |
| 7.0         | -4.1 | -6.6           | 6.8                | 1.5          | clear at 0000 O. milder at dls/ O. day remaining mild.                                                                       |
| 8.0         | 3.4  | -0.6           | 9.1                | 5.6          | O. at 0000 some 10.5 at dls/ 0910". 11.5 RR 11.5 to 1500" strong winds all day p. 1740", 1930", 2030" some 11.5.             |
| 4.7         | 0.6  | -1.8           | 6.0                | -0.3         | p. 0110" b. cold at dls/ b-e sunny to mid after 11.5 1500", 1600".                                                           |
| 5.1         | -0.3 | -5.3           | 6.4                | 0.7          | clear at 0000 b-e very cold at dls/ b-e sunny day but cold frost visibility even.                                            |
| -1.4        | -3.9 | -7.1           | 4.7                | -3.5         | fog b.e. 0000 and at dls/ fog all day very cold evening even.                                                                |
| 3.1         | -4.4 | -6.5           | 5.0                | -2.6         | c-o. at 0000 freezing heavy mist at dls/ b-e day with mist long sunny period early after.                                    |
| 1.5         | -3.0 | -5.6           | 4.9                | -3.0         | fog b.e. 0000 and at dls/ fog remaining all day and even.                                                                    |
| 2.0         | -2.7 | -6.0           | 5.1                | -2.4         | fog b.e. 0000 fog during night clearing heavy mist at dls/ b-e day 5 hours of sunshine                                       |
| 0.0         | -4.2 | -8.2           | 4.6                | -4.0         | quite clear at 0000 c-o. at dls/ c. day fog afternoon and even.                                                              |

1977

NOVEMBER

SNOW  
OR  
SLEETSNOW  
LYING  
9<sup>H</sup>SNOW  
LYING  
0<sup>H</sup>-24<sup>H</sup>

HAIL

THUNDER

FOG  
9<sup>H</sup>FOG  
0<sup>H</sup>-24<sup>H</sup>AIR  
FROSTGROUND  
FROST

GALE

SNOW  
LYING

TOTAL

FRESH

NOVEMBER 1977

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TOTAL RAINFALL 94.2mm. 3.71ins

TOTAL SUNSHINE 55.4 hrs

MAX. TEMP. 15.4°C on 10th

MIN TEMP. -4.8°C on 21st

LOWEST MAX. TEMP. -1.4°C on 26th

HIGHEST MIN. TEMP. 8.0°C on 11th

MEAN MAX. TEMP. 7.0°C

MEAN MIN. TEMP. 1.2°C

MEAN TEMP. FOR MONTH. 4.1°C

03

03

MIN. GRASS TEMP. -8.2°C on 30th

HIGHEST BAR M.S.L. 1031.0 mb on 28th

LOWEST BAR M.S.L. 991.2 mb on 31st

HIGHEST DAILY RAINFALL 16.6mm on 11th

HIGHEST DAILY SUNSHINE 6.2hrs on 25th

7

1

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2

4

10

20

5

1

1

1978

DEC.

|    | BAR.   | ATT.<br>THER. | DRY  | WET  | ANEMOMETER |       | CLOUD | VIS. | PRESENT<br>WEATHER | STATE OF<br>GROUND | RAINFALL |       | SUNSHINE |       | EARTH<br>TEMPERATURE |         |
|----|--------|---------------|------|------|------------|-------|-------|------|--------------------|--------------------|----------|-------|----------|-------|----------------------|---------|
|    |        |               |      |      | DIR.       | FORCE |       |      |                    |                    | DAILY    | TOTAL | DAILY    | TOTAL | 30 cm.               | 100 cm. |
| 1  | 1022.3 | 12.1          | -4.0 | -4.1 | 00         | 00    | 7     | 3    | 42                 | 3                  | 1.4      | 1.4   | 0.0      | 0.0   | 3.4                  | 7.5     |
| 2  | 1021.0 | 17.8          | 5.9  | 4.5  | 14         | 13    | 8     | 6    | 50                 | 1                  | 0.4      | 1.8   | 0.0      | 0.0   | 3.3                  | 7.2     |
| 3  | 1022.9 | 10.7          | 6.2  | 4.1  | 14         | 19    | 8     | 7    | 02                 | 1                  | 0.8      | 2.6   | 0.0      | 0.0   | 4.0                  | 7.0     |
| 4  | 1014.6 | 9.0           | 5.6  | 4.0  | 14         | 19    | 5     | 7    | 02                 | 1                  | 2.9      | 5.5   | 0.1      | 0.1   | 4.5                  | 7.0     |
| 5  | 1004.1 | 15.4          | 7.2  | 7.0  | 14         | 24    | 8     | 6    | 62                 | 1                  | 4.2      | 9.7   | 0.0      | 0.1   | 4.7                  | 7.0     |
| 6  | 996.4  | 17.0          | 6.1  | 5.0  | 09         | 19    | 8     | 6    | 02                 | 1                  | 4.7      | 14.4  | 0.0      | 0.1   | 5.2                  | 7.0     |
| 7  | 990.7  | 16.0          | 4.3  | 3.1  | 09         | 24    | 8     | 6    | 50                 | 1                  | 3.1      | 17.5  | 0.0      | 0.1   | 5.1                  | 7.0     |
| 8  | 987.8  | 14.2          | 4.1  | 3.8  | 05         | 05    | 8     | 6    | 10                 | 1                  | 0.1      | 17.6  | 0.0      | 0.1   | 5.1                  | 7.1     |
| 9  | 996.7  | 15.4          | 5.0  | 4.6  | 14         | 05    | 8     | 6    | 50                 | 1                  | 10.3     | 27.9  | 0.3      | 0.4   | 4.9                  | 7.0     |
| 10 | 990.1  | 14.7          | 3.3  | 7.5  | 16         | 19    | 6     | 7    | 02                 | 1                  | 10.0     | 37.9  | 3.4      | 3.8   | 5.5                  | 7.2     |
| 11 | 992.3  | 12.8          | 4.9  | 4.6  | 00         | 00    | 4     | 7    | 10                 | 1                  | 2.3      | 40.2  | 2.8      | 6.6   | 5.7                  | 7.1     |
| 12 | 1009.8 | 17.8          | 7.5  | 7.2  | 00         | 00    | 6     | 7    | 10                 | 1                  | 1.7      | 41.9  | 1.0      | 7.6   | 6.0                  | 7.1     |
| 13 | 1025.7 | 16.4          | 10.3 | 10.1 | 00         | 00    | 8     | 7    | 20                 | 1                  | (X)      | 41.9  | 0.0      | 7.6   | 6.3                  | 7.1     |
| 14 | 1025.9 | 18.8          | 10.0 | 8.9  | 20         | 09    | 8     | 7    | 02                 | 1                  | 0.0      | 41.9  | 0.1      | 7.7   | 6.8                  | 7.2     |
| 15 | 1032.0 | 14.0          | 7.8  | 7.5  | 00         | 00    | 8     | 6    | 10                 | 1                  | (X)      | 41.9  | 0.0      | 7.7   | 7.0                  | 7.5     |
| 16 | 1030.4 | 12.0          | 5.9  | 5.6  | 00         | 00    | 8     | 6    | 10                 | 1                  | 0.3      | 42.2  | 0.0      | 7.7   | 6.6                  | 7.5     |
| 17 | 1025.1 | 12.9          | 6.2  | 6.0  | 00         | 00    | 8     | 5    | 51                 | 1                  | 1.4      | 43.6  | 0.0      | 7.7   | 6.7                  | 7.5     |
| 18 | 1018.6 | 18.0          | 5.3  | 5.2  | 00         | 00    | 8     | 3    | 44                 | 1                  | 1.5      | 45.1  | 0.0      | 7.7   | 6.7                  | 7.6     |
| 19 | 1019.3 | 18.6          | 5.5  | 5.2  | 00         | 00    | 8     | 6    | 10                 | 1                  | 4        | 45.1  | 2.0      | 9.7   | 6.8                  | 7.7     |
| 20 | 1019.3 | 16.7          | 7.9  | 7.0  | 16         | 05    | 8     | 7    | 10                 | 1                  | 0.0      | 45.1  | 1.6      | 11.3  | 6.9                  | 7.7     |
| 21 | 1011.2 | 16.9          | 5.6  | 4.5  | 14         | 13    | 5     | 7    | 02                 | 1                  | 1.2      | 46.3  | 1.4      | 12.7  | 6.4                  | 7.7     |
| 22 | 1006.8 | 17.0          | 7.0  | 6.3  | 18         | 13    | 8     | 7    | 02                 | 1                  | 3.8      | 50.1  | 1.0      | 13.7  | 6.2                  | 7.7     |
| 23 | 1001.7 | 17.8          | 8.1  | 7.7  | 00         | 00    | 8     | 7    | 02                 | 1                  | 11.2     | 61.3  | 0.0      | 13.7  | 6.7                  | 7.6     |
| 24 | 1003.8 | 14.0          | 7.3  | 6.2  | 23         | 19    | 7     | 8    | 02                 | 1                  | 0.7      | 62.0  | 2.5      | 16.2  | 7.0                  | 7.6     |
| 25 | 1025.3 | 17.0          | 6.3  | 6.1  | 23         | 05    | 8     | 7    | 10                 | 1                  | 0.5      | 62.5  | 0.3      | 16.5  | 6.8                  | 7.7     |
| 26 | 1016.7 | 12.1          | 7.3  | 6.7  | 23         | 13    | 7     | 8    | 02                 | 1                  | 4.0      | 66.5  | 0.1      | 16.6  | 6.5                  | 7.6     |
| 27 | 1002.9 | 10.0          | 2.5  | 2.3  | 27         | 09    | 8     | 7    | 61                 | 1                  | 1.2      | 67.7  | 0.0      | 16.6  | 6.1                  | 7.6     |
| 28 | 1018.6 | 13.8          | 3.1  | 1.7  | 34         | 09    | 4     | 8    | 02                 | 1                  | 0.5      | 68.2  | 1.0      | 17.6  | 5.7                  | 7.7     |
| 29 | 1018.0 | 13.0          | 7.0  | 6.8  | 00         | 00    | 8     | 6    | 20                 | 1                  | 0.2      | 68.4  | 1.2      | 18.8  | 5.2                  | 7.5     |
| 30 | 1017.0 | 18.4          | 5.1  | 3.6  | 32         | 24    | 7     | 7    | 20                 | 1                  | 0.9      | 69.3  | 1.0      | 19.8  | 5.6                  | 7.5     |
| 31 | 1021.2 | 13.8          | 8.2  | 7.8  | 29         | 09    | 4     | 7    | 20                 | 1                  | 0.1      | 69.4  | 0.2      | 20.0  | 5.7                  | 7.3     |

| TEMPERATURE |      |             | VAPOUR PRESSURE | DEW POINT | REMARKS:-                                                                                                                 |
|-------------|------|-------------|-----------------|-----------|---------------------------------------------------------------------------------------------------------------------------|
| MAX.        | MIN. | GRASS. MIN. |                 |           |                                                                                                                           |
| 5.7         | -7.0 | -9.0        | 4.3             | -4.8      | fog at 0000" and at 0100" fog lifting morn very misty.                                                                    |
| 7.1         | -4.0 | -3.4        | 7.3             | 2.5       | c-o. at 0000" some rain during night some 1 d at 0100" o. day f. 9.30" f. 2200".                                          |
| 7.9         | 5.1  | 3.0         | 7.0             | 0.9       | O. at 0000" O. mild at 0100" O. day f. 1245" 1445" gale force winds after. f. 2130".                                      |
| 7.1         | 5.0  | 2.7         | 6.8             | 1.5       | O. at 0000" c. at 0100" c-o. day with fresh breeze.                                                                       |
| 7.9         | 4.2  | 1.4         | 9.9             | 6.8       | O. at 0000" f. 1.50" f. 0400" - 0100" - 1045" f. 1430" f. 1800" - 1900" f. 2100" - 2215".                                 |
| 6.1         | 5.8  | 4.8         | 7.8             | 3.5       | O. at 0000" f. 0144" O. at 0100" O. day f. 1230" f. 1600" - 1700" h. f. 2359"                                             |
| 4.4         | 2.7  | 2.0         | 6.7             | 1.3       | f. 0100" - 0230" f. 0330" - 0620" some 1 d at 0100" O. day f. 1240" - 1810" f. 2100" - 2300".                             |
| 5.2         | 1.5  | 1.2         | 7.8             | 3.4       | O. mild at 0100" O. mild day clearing heavy frost even.                                                                   |
| 9.3         | -1.1 | -5.6        | 8.1             | 4.0       | air frost f. 0730" O. some 1 d at 0100" c. morn c-o after. wind rising from 15 h gale force even RR 1730 - 2359"          |
| 10.1        | 4.9  | 3.5         | 9.7             | 6.5       | f. 0100" - 0200" wind abating o-c/ c. be sunny morn clouding later. f. 2110".                                             |
| 9.1         | 4.5  | -0.8        | 8.2             | 4.1       | f. 1 - RR - f. 2200" - 0515" be mild at 0100" be sunny morn c. after f. 1325" P. 1600" f. 1750" clear early even f. 2230" |
| 10.3        | 4.4  | -0.4        | 9.9             | 6.8       | O. mild at 0000" f. 0100" f. 0300" - 0400" c-o. at 0100" o-c mild day some sunshine mid day o even.                       |
| 11.2        | 6.9  | 4.4         | 12.2            | 9.9       | O. at 0000" f. 0110" - 0230" O. some 1 d near 0100" O. mild day o even.                                                   |
| 10.8        | 8.7  | 6.9         | 10.5            | 7.7       | O. at 0000" O. mild at 0100" mainly O. mild day wind freshening after o. even.                                            |
| 9.0         | 7.3  | 3.5         | 10.0            | 7.1       | O. at 0000" O. mild mist at 0100" O. mild day quite clear even.                                                           |
| 8.5         | 4.5  | -0.2        | 8.8             | 5.2       | clear at 0000" O. mild morn/ O. mild day.                                                                                 |
| 6.7         | 5.7  | 5.2         | 9.2             | 5.7       | some 1 d at 0000" d. 0530" - 0730" d. at 0100" O. day f. 0950" f. 1130" 1300".                                            |
| 7.1         | 4.9  | 3.8         | 8.8             | 5.1       | heavy mist at 0000" fog later and at 0100" fog lifting heavy mist all day f. 2130" - 2230" f. 2300" 2320".                |
| 9.1         | 4.7  | -1.4        | 8.6             | 4.8       | O. mist at 0100" o-c day sunny period morn mist also.                                                                     |
| 8.5         | 5.4  | 3.0         | 9.3             | 5.9       | O. at 0000" O. mist at 0100" c day long sunny period early after clear even.                                              |
| 8.2         | 3.0  | -1.4        | 7.6             | 3.0       | clear at 0000" some frost c. at 0100" c day some sunshine morn. f. 2130" - 2330".                                         |
| 11.3        | 5.0  | 1.6         | 9.0             | 5.4       | O. morn o-c. day some sunshine morn f. 1415" f. 1640" - 1730" f. 1800" f. 2100" - 2210".                                  |
| 12.7        | 6.5  | 3.8         | 10.2            | 7.2       | P. 0030" O. at 0100" O. day RR 1230" - 1600" h. f. 1800" f. 2310".                                                        |
| 8.8         | 6.6  | 3.7         | 8.6             | 4.8       | f. 0030" 0430" c-o. at 0100" c. day sunny periods morn and early after.                                                   |
| 7.6         | 4.4  | 0.1         | 9.3             | 5.9       | c. at 0000" O. morn mist at 0100" o-c. day very little sunshine f. 1110".                                                 |
| 8.2         | 4.9  | 1.0         | 9.4             | 6.0       | c. at 0000" some f. 2" - 0730" O. mild at 0100" O. day f. 1215" f. 1530".                                                 |
| 3.8         | 1.6  | -1.1        | 7.1             | 2.0       | c. at 0100" f. 0500" - 0600" f. 0630" - 0730" h. f. 1010" O. day f. 1220" 1430" 1600" 1700" c even.                       |
| 7.0         | 0.8  | -2.5        | 6.2             | 0.2       | quite clear at 0000" be-c cooler at 0100" c. day short scattered sunny periods.                                           |
| 8.3         | 1.5  | -2.4        | 9.8             | 6.6       | f. 0300" - 0400" f. 0830" to next 0100" c. day few sunny periods around mid day f. 1630" clear early even.                |
| 8.6         | 4.3  | 0.1         | 6.7             | 1.3       | o-c. at 0000" strong winds right some 1 d near 0100" c-o. day little sunshine mid day f. 2120" - 2345"                    |
| 9.0         | 4.5  | 1.7         | 10.3            | 7.4       | f. 0115" - 0200" c-be some 1 d near 0100" O. day O. even.                                                                 |

1977.

DEC.

SNOW  
OR  
SHEETSNOW  
LYING  
9 H.SNOW  
LYING  
0 H-24 H

HAIL

THUNDER

FOG  
9 H.FOG  
0 H-24 H

AIR

FROST

GROUND  
FROST.

GALE

SNOW  
LYING

TOTAL FRESH

DECEMBER. 1977

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TOTAL RAINFALL 69.4mm 2.73ins

TOTAL SUNSHINE 20.0 hrs.

MAX. TEMP. 12.7°C on 23rd.

MIN. TEMP. -7.0°C on 1st

LOWEST MAX. TEMP. 3.8°C on 27th

HIGHEST MIN. TEMP. 8.7°C on 14th

MEAN MAX. TEMP. 8.2°C

MEAN MIN. TEMP. 3.8°C

MEAN TEMP. FOR MONTH 6.0°C

MIN GRASS TEMP. -9.0°C on 1st

HIGHEST BAR. M.S.L. 1032.0 mb on 15th

LOWEST BAR. M.S.L. 987.8 on 8th

HIGHEST DAILY RAINFALL 11.2mm on 28th

HIGHEST DAILY SUNSHINE 3.4 hrs on 10th.

1977

RAINFALL  
INSSUNSHINE  
HOURSBAROMETER<sup>mb</sup>  
MSL.

HIGHEST LOWEST.

1977

|    |       |       |        |        |        |
|----|-------|-------|--------|--------|--------|
| 1  | JAN   | 3.52  | 50.3   | 1041.0 | 984.4  |
| 2  | FEB.  | 4.58  | 40.0   | 1029.6 | 978.8  |
| 3  | MAR   | 2.54  | 72.0   | 1033.8 | 987.7  |
| 4  | APR.  | 1.99  | 137.8  | 1025.2 | 981.3  |
| 5  | MAY   | 0.79  | 226.2  | 1034.9 | 992.6  |
| 6  | JUNE  | 2.13  | 170.3  | 1033.7 | 992.4  |
| 7  | JULY  | 0.86  | 174.8  | 1026.9 | 1002.2 |
| 8  | AUG   | 3.85  | 173.1  | 1024.7 | 989.9  |
| 9  | SEPT  | 1.86  | 93.2   | 1034.9 | 1002.4 |
| 10 | OCT   | 2.60  | 79.0   | 1027.3 | 989.8  |
| 11 | NOV   | 3.71  | 55.4   | 1031.0 | 991.2  |
| 12 | DEC.  | 2.73  | 20.0   | 1032.0 | 987.8  |
| 13 | TOTAL | 31.16 | 1297.1 |        |        |

TOTAL RAINFALL 31.16 ins

HIGHEST DAILY RAINFALL 23.3 mm on 24th August

TOTAL SUNSHINE 1297.1 hrs

HIGHEST DAILY SUNSHINE 15.0 hrs on 11th July

MAX. TEMP. 28.5°C on 9th July

MIN. TEMP. -7.0°C on 1st Dec.

MIN GRASS TEMP. -9.2°C on 29th JAN.

LOWEST MAX TEMP. -1.6°C on 13th JAN.

|    |       |      |      | GRASS | LOWEST | MEAN | MEAN | MEAN  |
|----|-------|------|------|-------|--------|------|------|-------|
|    |       | MAX. | MIN. | MIN.  | MAX.   | MAX. | MIN. | TEMP. |
| 17 | JAN.  | 10.3 | -4.9 | -9.2  | -1.6   | 4.9  | -0.2 | 2.4   |
| 18 | FEB   | 9.2  | -2.5 | -6.2  | 4.0    | 6.7  | 1.4  | 4.1   |
| 19 | MAR.  | 14.1 | -3.4 | -8.1  | 5.9    | 9.9  | 3.8  | 6.9   |
| 20 | APRIL | 15.4 | -2.1 | -6.7  | 6.9    | 11.0 | 3.5  | 7.3   |
| 21 | MAY   | 21.2 | -0.7 | -3.0  | 9.8    | 15.2 | 4.6  | 9.9   |
| 22 | JUNE  | 24.5 | 3.0  | 0.4   | 12.2   | 17.4 | 7.4  | 12.4  |
| 23 | JULY  | 28.5 | 6.5  | 2.6   | 15.5   | 20.4 | 11.6 | 16.0  |
| 24 | AUG.  | 23.8 | 4.1  | 0.8   | 15.0   | 19.2 | 9.7  | 14.5  |
| 25 | SEPT  | 19.3 | 1.9  | -1.0  | 10.5   | 15.8 | 8.7  | 12.3  |
| 26 | OCT   | 17.6 | 5.0  | -0.1  | 9.8    | 14.2 | 8.7  | 11.5  |
| 27 | NOV   | 15.4 | -4.8 | -8.2  | -1.4   | 7.0  | 1.2  | 4.1   |
| 28 | DEC   | 12.7 | -7.0 | -9.0  | 3.8    | 8.2  | 3.8  | 6.0   |

5.35 8.95