Summary Sheet

IDTO - ID Number :593801
AUTH - Report Author :
TYFU - Tornado Type & Fuji Code :c1
TITL - Report Title or Location :Lennoxville
PROV - Province :Quebec
COUN - Counties :Sherbrooke
REFS - References :Meteorologist's log
ZOTO - Touchdown Zone Number & Easting :19276000
NOTO - Touchdown Northing :5027000
LOVA - Touchdown Error Value & Code :2500o
DADA - Date of Data Entry :29/06/1990
ZOLO - Liftoff Zone Number & Easting :
NOLO - Liftoff Northing :
UPVA - Liftoff Error Value & Code :
DEAD - Number of Fatalities :
HURT - Number of People Injured :
HERT - Injuries Code :
DATA - Date of Tornado :21/09/1938
DAVA - Date Error Value & Code :
TITO - Time of Tornado :1200
TIMR - Time Meridian :75
TIVA - Time Error Value & Code :416s
AXDA - Maximum Path Width :
AXVA - Max. Path Width Error & Code :
AVDA - Average Damage Width :
AVVA - Avg. Damage Width Error & Code :
SADA - Sample Damage Width :
SAVA - Sample Damage Width Error & Code:
INTO - Initials :JAM
DFTO - Detailed Report Flag :n
JUNK - PRDA & DIMO & DALE :
CODA - Property Damage Code :
MISC - ORDE,PICS_TYPE,PICS_AVAIL,COCO : 9
MANY - Multiple Event Flag :n

MEMO:1 silo destroyed and two damaged. Trees and power lines blown down.

PHEN - Associated Phenomena :
TSHP - Townships :Ascot/Lennoxville

JAM, 29/06/1990

QUE, SEPT 22, 1938

593801

Station Lennoxville, Que. Month September 1938

# Form 37 A — Meteorological Service of Canada

The additional information on this side of the sheet will be of great practical value in connection with the relation of weather to agriculture, forestry, animal life and industry, provided all observations are made carefully. In making wind observations be sure you know true north. Besides the phenomena specially indicated, please note sleet, heavy winds, dust storms, silver thaw, blizzards, heavy dew, hoar-frost, killing frost in agricultural season, aurora, etc. Beaufort Notation Cards supplied. Readings of rain-gauge at morning observation are to be credited to previous day in column (6). Similarly with snow col. (8).

Date when you changed Muslin

on the Wet Bulb.....

Date any new Instruments were set up.....

| You read Thermometers at | You read Grass Min. at | You read Rain Gauge at |
|---|---|---|
| Max 6.00 a.m. 6.00 p.m. | ..... a.m. | 6.00 a.m. 6.00 p.m. |
| Min 6.00 a.m. 6.00 p.m. | | |

| Day of Month | TEMPERATURE AND HUMIDITY a.m. Dry (13) | Wet (14) | Diff. (15) | R.H. (16) | p.m. Dry (17) | Wet (18) | Diff. (19) | R.H. (20) | WIND a.m. Dir. (21) | Force (22) | p.m. Dir. (23) | Force (24) | WEATHER Rain Began (25) | Ended (26) | Snow Began (27) | Ended (28) | Thunder First / Last Peal (29) | Fog Began — Ended (30) | Notes on Weather (31) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | o-o-c |
| 2 | | | | | | | | | | | | | | | | | | | o-bc |
| 3 | | | | | | | | | | | | | | | | | | | b-c-r |
| 4 | | | | | | | | | | | | | nt. | | | | | | |
| 5 | | | | | | | | | | | | | A.M. 11.45 | P.M. 1.40 | | | | | c-r-bc |
| 6 | | | | | | | | | | | | | | | | | | | o-o-b |
| 7 | | | | | | | | | | | | | | | | | | | b-o-b |
| 8 | | | | | | | | | | | | | A.M. 9.15 | P.M. 5.30 | | | | | r-r |
| 9 | | | | | | | | | | | | | | | | | | nt./8.45 | f-b-b |
| 10 | | | | | | | | | | | | | | | | | | | b-b |
| 11 | | | | | | | | | | | | | | | | | | | b-b |
| 12 | | | | | | | | | | | | | | | | | | | b-b |
| 13 | | | | | | | | | | | | | P.M. 3.55 | nt. | | | | | o-o-r |
| 14 | | | | | | | | | | | | | | | | | | | o-o |
| 15 | | | | | | | | | | | | | nt. | A.M. 9.30 | | | | | b-c-r |
| 16 | | | | | | | | | | | | | nt. | | | | | | r-o-o-r |
| 17 | | | | | | | | | | | | | | | | | | | o-o |
| 18 | | | | | | | | | | | | | P.M. 8.30 | P.M. 9.20 | | | | nt./9.45 | f-b-o-c-r |
| 19 | | | | | | | | | | | | | A.M. 6.45 | A.M. 8.30 | | | | | o-o-c |
| 20 | | | | | | | | | | | | | nt. | | | | | | r-c-o-r |
| 21 | | | | | | | | | | | | | nt. | nt. | | | | | P-P-r |
| 22 | Light Hurricane - 1 Silo destroyed & | | | | | | | | | | | | nt. | 2.30 | P.M. | | | | r-o-c |
| 23 | 2 damaged. Trees blown down & | | | | | | | | | | | | | | | | | | b-b |
| 24 | power lines out of order. | | | | | | | | | | | | A.M. 9.30 | P.M. 12.15 | | | | | c-o-o |
| 25 | | | | | | | | | | | | | | | | | | | r-o-bc |
| 26 | | | | | | | | | | | | | | | | | | A.M. | b-b |
| 27 | | | | | | | | | | | | | nt. | | | | 1.15/1.45 | | b-b-tl |
| 28 | | | | | | | | | | | | | A.M. 9.45 | P.M. 3.10 | | | | | r-r-b |
| 29 | | | | | | | | | | | | | nt. | | | | | nt./2.30 | f-bc-o-r |
| 30 | | | | | | | | | | | | | | | | | | | o-o |
| 31 | | | | | | | | | | | | | | | | | | | b-b-c |
| Sums | | | | | | | | | | | | | | | | | 1 | 4 | |
| Means | | | | | | | | | | | | | | | | | | | |

If maximum thermometer is read in morning, the reading belongs to previous day; if read at evening, reading belongs to day of reading. Reading of minimum thermometer always belongs to day of reading. Please enter readings according to these rules.

DEPARTMENT OF MARINE, CANADA

Form 37A

# Meteorological Service of Canada

HEAD OFFICE
TORONTO, ONT.

Station Lemoxville Prov. Quebec Month September 1938 Observer S. Mahaffy

Western Observers give Lot ..... Section ..... Tp. ..... Range ..... W. of ..... Mer. Eastern give Lot 11 Con. 4 Tp Ascot Co. Sher

| DAY OF MONTH | TEMPERATURE Max. | TEMPERATURE Min. | TEMPERATURE Min. on grass | PRECIPITATION RAIN p.m. | PRECIPITATION RAIN next a.m. | PRECIPITATION SNOW p.m. | PRECIPITATION SNOW next a.m. | PRECIPITATION Total 24 hours | CLOUDINESS Amt. of Cloud 0-10 a.m. | CLOUDINESS Amt. of Cloud 0-10 p.m. | CLOUDINESS Amt. of Cloud 0-10 Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| 1 | 67 | 63 | | | | | | | 10 | 10 | 10 |
| 2 | 62 | 35 | | | | | | | 8 | 0 | 4 |
| 3 | 69 | 34 | | | .13 | | | .13 | 0 | 10 | 5 |
| 4 | 67 | 55 | | .12 | | | | .12 | 10 | 8 | 9 |
| 5 | 58 | 44 | | | | | | | 8 | 4 | 6 |
| 6 | 64 | 32 | | | | | | | 0 | 0 | 0 |
| 7 | 57 | 38 | | .35 | | | | .35 | 10 | 10 | 10 |
| 8 | 57 | 35 | | | | | | | 10 | 0 | 5 |
| 9 | 60 | 25 | | | | | | | 8 | 0 | 4 |
| 10 | 68 | 28 | | | | | | | 8 | 0 | 4 |
| 11 | 74 | 30 | | | | | | | 0 | 0 | 0 |
| 12 | 69 | 39 | | .07 | 1.15 | | | 1.22 | 10 | 10 | 10 |
| 13 | 69 | 58 | | | | | | | 10 | 6 | 8 |
| 14 | 73 | 46 | | | .35 | | | .35 | 4 | 8 | 6 |
| 15 | 69 | 57 | | .12 | .01 | | | .13 | 10 | 8 | 9 |
| 16 | 65 | 50 | | | | | | | 10 | 10 | 10 |
| 17 | 62 | 51 | | | .08 | | | .08 | 0 | 10 | 5 |
| 18 | 68 | 52 | | | | | | | 10 | 10 | 10 |
| 19 | 73 | 54 | | .01 | .16 | | | .17 | 10 | 10 | 10 |
| 20 | 67 | 55 | | .19 | .87 | | | 1.06 | 10 | 10 | 10 |
| 21 | 74 | 52 | | .68 | .01 | | | .69 | 10 | 10 | 10 |
| 22 | 75 | 52 | | | | | | | 2 | 8 | 5 |
| 23 | 65 | 46 | | | | | | | 4 | 10 | 7 |
| 24 | 62 | 49 | | .30 | | | | .30 | 8 | 8 | 8 |
| 25 | 57 | 40 | | | | | | | 8 | 0 | 4 |
| 26 | 68 | 32 | | | .03 | | | .03 | 0 | 0 | 0 |
| 27 | 64 | 50 | | .26 | | | | .26 | 8 | 10 | 9 |
| 28 | 67 | 37 | | | | | | | 0 | 10 | 5 |
| 29 | 50 | 45 | | | .05 | | | .05 | 10 | 8 | 9 |
| 30 | 58 | 28 | | | | | | | 0 | 0 | 0 |
| 31 | | | | | | | | | | | |
| Sums | 1958 | 1317 | | 2.10 | 2.84 | | | 4.94 | | | |
| Means | 65.27 | 43.90 | | | | | | | | | |

OBSERVER—Note Total Depth of Snow on Ground or Soil Moisture each Monday morning, and last day of month.

| Date | Mon. | Mon. | Mon. | Mon. | End of Month |
|---|---|---|---|---|---|
| Depth or Moisture | | | | | |

THIS SPACE FOR OFFICE USE ONLY.

| Week Ending | Mean t. | Diff. | Precip. | Diff. | Cloud. | Diff. | Grass | |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |

## WEEKLY TOTALS AND MEANS

Every Monday morning after obs. take totals of last seven entries in the columns indicated.
To get weekly mean divide totals by 7.
*First week will sometimes include a few days from month preceding*

First week ending Mon. the .....

| FROM COL. | TOTAL | MEAN | |
|---|---|---|---|
| (2) | | (a) | Weekly Mean Temp. |
| (3) | | (b) | from (a) & (b) ..... |
| (4) | | (c) | |
| (9) | (d) | | Weekly Precip. |
| (12) | | (e) | Weekly Cloudiness |

Second week ending Mon. the .....

| | | | |
|---|---|---|---|
| (2) | | (a) | Weekly Mean Temp. |
| (3) | | (b) | from (a) & (b) ..... |
| (4) | | (c) | |
| (9) | (d) | | Weekly Precip. |
| (12) | | (e) | Weekly Cloudiness. |

Third week ending Mon. the .....

| | | | |
|---|---|---|---|
| (2) | | (a) | Weekly Mean Temp. |
| (3) | | (b) | from (a) & (b) ..... |
| (4) | | (c) | |
| (9) | (d) | | Weekly Precip. |
| (12) | | (e) | Weekly Cloudiness |

Fourth week ending Mon. the .....

| | | | |
|---|---|---|---|
| (2) | | (a) | Weekly Mean Temp. |
| (3) | | (b) | from (a) & (b) ..... |
| (4) | | (c) | |
| (9) | (d) | | Weekly Precip. |
| (12) | | (e) | Weekly Cloudiness. |

Fifth week ending Mon. the .....

| | | | |
|---|---|---|---|
| (2) | | (a) | Weekly Mean Temp. |
| (3) | | (b) | from (a) & (b) ..... |
| (4) | | (c) | |
| (9) | (d) | | Weekly Precip. |
| (12) | | (e) | Weekly Cloudiness. |

MONTHLY—(*Office use only*)

| Mean Max. | Diff. | Mean Min. | Diff. | Grass | Diff. | Precip. | Diff |
|---|---|---|---|---|---|---|---|
| 65.3 | | 43.9 | | | | 4.94 | |

| Mean Temp. | Diff. | Max. | Date | Min. | Date |
|---|---|---|---|---|---|
| 54.6 | | 75 | 22 | 25 | 9 |

| Grass Min. | Date | Mean Range | Extreme Ran |
|---|---|---|---|
| | | 21.4 | |

| No. of Days' Rain | Snow | Total | 0-.09" | .10-.19" | .20-.29" | .30-.39" | .40-.4 |
|---|---|---|---|---|---|---|---|
| 14 | | | | | | | |

Actual Mean - 54.585

OCT 1938