

Updated

**Possible Tornado
Brisson, Ontario
June 30, 1968**

Date- Local: Saturday, June 30th, 1968

UTC: Saturday, June 30th, 1968

Time- Local: 1630

UTC: 2030

Location: Brisson

Region: Prescott and Russell

Classification: Possible Tornado

Category: -999

Casualties: None

Track Length: 6170 m

Width: None available

Motion: 295 degreed

Damage Estimate: None available

F-Scale Rating: F2

Code: BS

Damage Survey: None

Spotter Reports: None

Other Documents:

Phone interview notes

Newspaper article

Map of approximate tornado track

Newark summary sheet

Tornado F-Scale Assessment

Brad L. Rousseau

Tornado Data Production Assistant, Environment Canada

January 26th, 2011

Classification: Possible Tornado

Date: Saturday, June 30th, 1968

Location: Brisson, Prescott and Russell Region

Assessment: F2

F-Code: BS

Explanation of Assessment: Reports of several barns destroyed and reports of silos damaged

SJS

B

TORNADO PROJECT SUMMARY SHEET

F=1

(PE. OCT 27 / 80)

ONT

1. DATE AND TIME **JUNE 30 1968** **1530 EST.**
2. LOCATION OR PATH
(attach map) **VICINITY OF BRISSON LIMOGES.**
3. PATH LENGTH ☒ NOT KNOWN ☐ <1mi; ☐ 1-4mi; ☐ 5-10mi; ☐ 11-50mi; ☐ LENGTH IF >50mi **06968-18**
4. PATH WIDTH **100m** 5. TORNADO PART OF SQUALL LINE? ☐ YES; ☐ NO; ☒ UNKNOWN
6. ANY UNUSUAL COLORATION? ☐ YES; ☐ NO; ☒ UNKNOWN
7. ANY UNUSUAL SOUND? ☐ YES; ☐ NO; ☒ UNKNOWN
8. IF ANSWER TO 6 OR 7 YES, ELABORATE;
9. LIST ANY ASSOCIATED PHENOMENA
(Such as hail, vivid lightning heavy rain, no rain, etc.)
10. TOTAL DAMAGE ESTIMATE \$ **U.** 11. TOTAL DEATHS **CATTLE KILLED**
12. TOTAL INJURED **NONE** 13. TOTAL HOMELESS **NONE**
14. LIST ALL REFERENCES
OTTAWA CITIZEN JULY 2 1968
15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.

Only a paragraph referring to a 300 foot
owath for several miles at Limoges, and
beveling several barns and killing cattle.

An interview with Mr Arthur Stanley
(613) 821-2751 revealed that damage to
silos and barns occurred in the vicinity
of Brisson, and may be the Limoges
storm.

WORKSHEET

IDTO 0696818

① ORIGIN x 18472000
 y 5018200

⑤ Standard Error S_x 2500 C

② LIFT-OFF x_1 18477700
 y_1 5015700

⑥ Standard Error S_y 2500 C

③ $(x_1 - x) = 5700$

④ $(y - y_1) = 2500$

⑦ DAMAGE LENGTH

$L = [(x_1 - x)^2 + (y - y_1)^2]^{1/2}$ ⑧ $\alpha = \tan^{-1} \frac{|y - y_1|}{|x - x_1|}$

③ + ④ $\rightarrow r, \theta = 6224 \text{ m}$

$x \leftrightarrow y = 24^\circ$

⑨ Standard Error $S_L = (S_x^2 + S_y^2)^{1/2}$

⑤ + ⑥ $\rightarrow r, \theta = 3.535 \text{ m C}$

⑩ $\beta = \frac{\tan^{-1} S_L}{L}$

⑦ + ⑨ $\rightarrow r, \theta$
 $x \leftrightarrow y = 30^\circ$

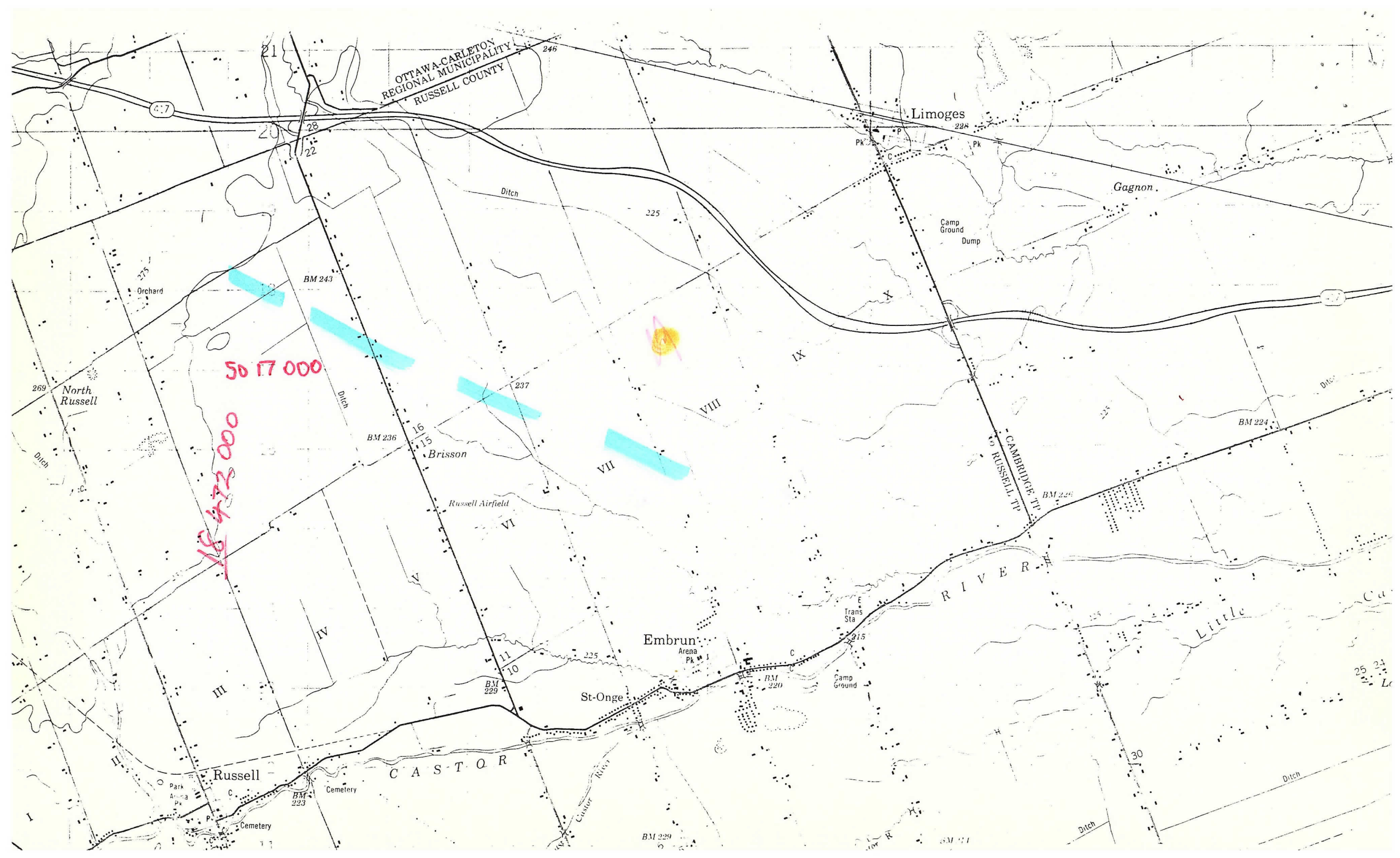
NE quad $\phi = 90 - \alpha$

NW quad $\phi = 270 + \alpha$

SW quad $\phi = 270 - \alpha$

SE quad $\phi = 90 + \alpha$

⑪ $\phi = 294^\circ$



Ontario Hydro Press Clipping Service

Paper
Date
Source

Ottawa Citizen
JUL 2 1968
Eastern Region

MON JULY 1 1968

Mighty mini-hurricane spreads death, destruction

By Peter Schnobb
and Bob Douglas
Citizen staff writers

Sunday wasn't a day of peace and rest.

One of the worst storms in living memory, with hurricane-force winds in some places, savagely struck Ottawa and area and left hundreds of thousands worth of destruction in its wake.

It took the life of a young Ottawa school teacher.

Mrs. Alice Cross, 30, of 2, Bells Corners, drowned in Lake Deschenes when she became trapped in a capsized 30-foot schooner that sank 600 yards off Aylmer Island.

The storm, with gusts of wind up to 65 miles per hour in Ottawa, tossed up waves eight feet high during its peak at 4.30 p.m., damaging several boats at their moorings in Britannia Bay.

Aylmer police and volunteers rescued more than a dozen persons from several capsized boats caught out on the lake during the vicious storm. Many other rescues were not reported.

The squall hit shortly after the finish of a Britannia Yacht Club regatta.

The weather office at Uplands International Airport said the storm started in the Pembroke area, picked up speed as it raged down the Ottawa River and hit the immediate Ottawa area at its most dangerous height.

Two single-engine planes flipped over at Uplands.

The weather spokesman believed that in some places the wind reached hurricane force (75 miles an hour and upward).

During the 45-minute storm a half-inch of rain was dumped in the area. The peak winds lasted only seven minutes.

The brunt of the storm fractured Aylmer.

The walls didn't come tumbling down, but the trees did.

At least half of the town's streets were blocked by huge fallen trees, many lifted out of the ground at the roots. Live hydro-electric wires blocked Main Street.

A summer cottage at Wychwood was crushed by a fallen tree. Several houses escaped with light damage when blowing branches landed on the roofs.

The Ottawa Fire Department received 52 calls during the storm.

Most of the calls reported downed hydro lines. It's believed lightning caused a fire that destroyed a vacant woodframe church on Britannia Road.

The city complaints office received more than 200 telephone calls reporting anything from flooded basements to non-functioning traffic lights.

Two big trees tumbled down on the home of Mrs. A. L. Pierce, 469 Denbury Ave., near Byron Avenue.

"I was closing the front window when the first tree came down," she said. "I pulled the drapes to keep any broken glass from coming in.

The second one came down a moment later and did break a window. There was a "whishing" sound and then a crash as the trees broke.

"I was very frightened," she declared. Another tree struck the home of Dr. Donald Hamilton, 475 Denbury Ave. It draped the house and pulled down a hydro line in its fall.

A tree fell across the Richmond Road near New Orchard blocking traffic. Fallen tree limbs scattered over the Ottawa River Parkway.

Several traffic lights were out at many streets crossing Richmond Road and numerous other points.

Two persons were shaken up when a tree flopped over their car.

Church damaged

Part of the roof at St. Monica's Roman Catholic Church at 14 Brookdale Ave. was ripped off. The wind tore a strip 20 feet wide.

Wind also peeled off 75 feet of roof from Confederation High School in Nepean Township.

Nepean Hydro reported the storm knocked out power in large sections of Parkwood Hills, Lynwood Village and Bayshore.

Lloyd Askwith, assistant chief engineer for Ottawa Hydro, said late Monday afternoon "there were still people in the West End — Britannia Heights — without service from the storm.

"There were hundreds of

people without service," he said, "but the proportion of the total number of customers was small."

A power blackout at Manotick closed Radio Station CFRA for about 40 minutes late Sunday afternoon.

Several trees blocked off Highway 8 between Luskville and Aylmer, the Quebec Provincial Police reported.

Ontario Provincial Police were caught with heavy traffic congestion between Constance Bay and Ottawa. Several hundred cottagers streamed back to the city after the storm.

The wind pushed over a new barn at Carp owned by Progressive Conservative MLA Erskine Johnston, damage was estimated at \$75,000.

At Limoges, the storm cut a swath 300 feet wide for several miles, levelling several other barns and killing cattle.

Lightning caused a blaze that razed the Eades Hardware warehouse at Carleton Place. Damage was estimated at \$10,000.

It was a case of "lightning strikes twice" as heavy rain and lightning hit the Ottawa area again Monday afternoon.

A mild storm compared to Sunday's blockbuster, it still had its impact.

Lightning hit and burned a city police detective's son and set fire to the roof of the Eastview Police Department building.

Power was knocked out for hours in some Quebec towns and for shorter periods in some districts in Ottawa.

OK 26
Storm Clipping E

715-4

JUL - 5 1968

Mr. Arthur Stanley (613) 821-2751 on
Oct 24/80.

Mr. Stanley was driving at the
time of the storm. They were driving in
Northern Ontario south of Lake Superior.
* They saw damaged silos about 100 miles
east of Thunder Bay.

Their own silo (see photo) was
50 feet in height, and 20 feet in diameter.
It was filled to the top of silage
stored in the silo. No other damage
was done on the property.

Mr. Stanley had a $2\frac{1}{2}$ ton flail conditioner
or (grain chopper) turned upside down in a
field about 1 mile N.W. of his farm.

At the Varny farm the roof was
removed and an end of the grain taken
off.

Mr. Stanley also said that there
was damaged barns and silos in a
line north and south of Boisson.

Possibly the paragraph in the Ottawa
Citizen of July 2 1968. referring to a
tornado path at Linoges.