

TORNADO PROJECT SUMMARY SHEET

(MET SEPT 25/80)  
 (1) F=0 (2) F=1 (3) F=0 (4) F=ONT

1. DATE AND TIME **AUG 9.8.1966** (1) 1400 EDT (2) AFTERNOON

2. LOCATION OR PATH (attach map) (1) OAKVILLE 06966-12 FROM 250° (2) BELLEVILLE 06966-14 (3) CORNWALL (GLEN WALTER) 06966-15 (4) HAWKESBURY 06966-16

3. PATH LENGTH  NOT KNOWN  <1mi;  1-1mi;  5-10mi;  11-50mi;  LENGTH IF >50mi

4. PATH WIDTH **UNKNOWN** 5. TORNADO PART OF DUAL 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.)  
 CHERRY SIZED HAIL REPORTED AT GLEN ROBERTSON. HAIL AT HAWKESBURY

10. TOTAL DAMAGE ESTIMATE \$UNKNOWN 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES  
 BELLEVILLE INTELLIGENCER AUG 10 1966  
 HAMILTON SPECTATOR, AUG 9 1966  
 GUELPH DAILY MERCURY, AUG 10 1966  
 OAKVILLE DAILY JOURNAL-RECORD AUG 10 1966  
 THE GLASCOW NEWS, ALEXANDRIA AUG 18 1966  
 CORNWALL STANDARD-FRECHOLDER, AUG 10 1966  
 OTTAWA CITIZEN, AUG 10 1966

15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.

(a) AT OAKVILLE PAPER DESCRIBES A 'FUNNEL OF WIND'. OTTAWA. NO REMARKS ALTHOUGH REFERRED TO A 'FREAK TORNADO' IN CORNWALL.

(b) - ROOF TORN FROM HOME IN OAKVILLE AND ANOTHER SHIFTED OFF ITS FOUNDATION. TREES UPROOTED INCLUDING AN 80FT GLM. 2 CARS BLOWN OFF Q.E.W FOR A DISTANCE OF 15 FEET. SAILBOATS CAPSIZED.

- NARROW STRIP OF TREES FALLED NEAR BELLEVILLE

- AIRPLANE HANGAR LIFTED OFF ITS FOUNDATION AT GLEN WALTER AND BLOWN OVER A FENCE. TWO AIRPLANES DAMAGED. ESTIMATED DAMAGE \$10,000

- NARROW SWATH OF DESTRUCTION THROUGH HAWKESBURY, UPROOTING TREES



# Ontario Hydro Press Clipping Service

Paper Oakville Daily Journal-Record  
Date August 10, 1966  
Source Central Region

7-1  
TUES AUG 9 1966

## Storm Hits Oakville Blows Roof Off House

**OAKVILLE** -- High velocity winds yesterday ripped the roof off a modern Oakville home sending it sailing 200 feet over a group of children into a neighbor's vegetable garden.

A public utilities transformer pole was sheared off by the wood and shingle roof resulting in a seven - hour power cut-off and stoppage of telephone communication on the block on Hixon Street where the home is located.

Mr. and Mrs. Ronald Robinson, 1496 Hixon Street were away visiting relatives in Cooksville when the roof blew off the house around 2 p.m.

### FLYING ROOF

"We heard a ripping, then saw the roof flying over our heads," said eye witnesses Dan Moriarty, 13, John Mikkelsen 14; and John Nash 14, who were sitting at the rear of the home at the time.

They said the roof made a whistling sound as it flew over the apple orchard behind the Robinson house, then dived into the vegetable garden of neighbor David Patterson, 1479 Shamrock Lane.

### REPORT DAMAGE

Garbage cans and lawn furniture were tossed about the lawns in the Hixon Street and Third

Line area and several trees and street lamps were torn down.

The Robinson garage door was buckled and bent inward by the force of the wind.

A neighbour said it looked as though a car had driven straight into the door at 60 miles an hour.

Curious neighbors and children from the surrounding residential area streamed past the house and the dismembered roof.

Children climbed over the debris amidst a clutter of hydro wires downed by the wind. Others picked up green apples knocked to the ground.

Utility trucks and crews arrived at the home within five minutes to replant the severed transformer pole and another pole dragged down by the roof.

### TREES FALL

In other areas of town several trees were reported knocked down and many roofs had shingles missing.

A tree housing a hive of bees, was blown down at the home of assistant town planner Norman Sibbick 277 Snowden and neighbors and children in the area were stung. Mrs. Sibbick, her two - year - old son and a six - week - old daughter were

stung when a neighbor opened the door to the Sibbick home.

Mrs. Sibbick said they were looking for someone to take the bees before they can remove the large tree which has caved in the roof of the house. Mr. Sibbick said the bees still frenzied from the sudden jolt but were now busy trying to recover honey spilled from the hive.

"They are tame honey-bees," explained Mrs. Sibbick. "They've been there for a couple of years but they've never bothered us and we've never bothered them."

She said her six-week-old daughter was stung on the cheek and has quite a bit of swelling. Another tree fell in the front of the Sibbick home but did no damage.

### TOWARF HELPS

Oakville's water rescue patrol TOWARF yesterday assisted one small sailing boat which tipped over during the high winds.

Other sail boats were towed in by power boats out on the lake at the time high gusty winds hit the Oakville area.

In other parts of Ontario, Hamilton was hardest hit when the windstorm injured four as it blew down 200 feet of a steel

Continued on Page FIFTEEN

~~4-7-66~~  
~~4-7-66~~

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7-1

AUG 12 1966

DKAG N

Paper Hamilton Spectator  
Date August 10, 1966  
Source Niagara Region

TUES AUG 9 1966

# Children Flee Burlington Circus, Squall Slashes Oakville Services

Burlington and Oakville suffered the wrath of the 50-mile-per-hour winds that blasted into the area yesterday.

Hamilton escaped major damage, apart from the building collapse at Dominion Foundries and Steel Ltd.

In Burlington, about 400 people, most of them children, were evacuated from a circus tent during the wild animal act when gusting winds threatened to blow the tent over. A spokesman for Sells and Gray Circus said the tent was emptied quickly and ordered. The circus resumed half an hour later.

Two hydro feederlines were knocked out in Burlington, blacking out the downtown business section for an hour until power service was restored.

Elsewhere in Burlington, windows were broken and small trees were toppled as the winds hit their peak.

OAKVILLE was the spout for a funnel of wind whipping in off Lake Ontario. It tore the roof from a house, uprooted trees, knocked out hydro and telephone lines, bent tel-

evision aerials, and tossed lawn furniture about.

The roof was torn from a home in West Oakville, and deposited in a garden 200 feet away. The foundation of another home was shifted and cracked.

In Glen Oak Park, seven children playing near an 80-foot elm tree left the park minutes before the tree was uprooted.

THE NORMAN SIBBICK family is still trying today to regain possession of their

home from a swarm of bees, blown from their nest in a tree.

The bees swarmed in the door, stinging Mrs. Sibbick and two children.

On the Queen Elizabeth Way, two small cars were blown off the highway and landed right side up 15 feet from the road.

Public Utilities Commission and Bell Telephone Co. crews were busy most of the night replacing and repairing lines knocked down by flying tree branches.

Bell Telephone and the Hamilton Hydro Electric Commission reported no damage in Hamilton.

In Dundas, a window at a service station was blown in. Saltfleet Township and Stoney Creek both reported no damage.



## Cold Air Met Warm And Big Blow Came

What caused yesterday's sudden big blow?

"We call it a 'squall line,'" weatherman Jack Wingfield explained today.

He said it usually happened when a band of cold air undercuts the warm air, lifting it aloft, and developing strong wind currents.

"What goes up, must come

down," he added, "and the descending current of cold air produces strong local winds."

The maximum wind gust recorded at the harbor police office on the bayfront was 50 miles an hour, after an initial gust of 46 miles an hour.

The forecast, calls for rain tonight or tomorrow, with light and variable winds.



7-1

AUG 12 1966

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2209

601

7-3

AUG 12 1966

NE

Ontario Hydro Press Clipping Service

Paper The North Bay Nugget  
Date AUG 10 1966  
Source Northeastern Region

Also in Timmins Daily Press, Aug 10/66  
Northern Daily News, Aug 10/66  
(Kirkland Lake)  
Sault Daily Star, Aug 10/66

TUES AUG 9 1966

# Storms lash Ontario

TORONTO (CP) — Sudden wind storms with gusts up to 60 miles an hour whipped along the northwestern end of Lake Ontario Tuesday, collapsing a partially constructed building in Hamilton and toppling trees and power lines.

HAMILTON.

Four construction workers were injured, two of them seriously, when a one-storey building buckled at a Dominion Foundry and Steel Co. site in Hamilton. About 100 workers had gone on a coffee break shortly before the storm struck.

Western Ontario centres experienced rain and thunder but no wind damage was reported in the Windsor, Chatham and London areas.

In Oakville, a gust of wind lifted the roof off a house and hurled it at a hydro transformer 150 feet away. Power was cut off in part of the city for about 45 minutes.

OAKVILLE

The men at Hamilton were working on girders about 55 feet above the ground when a blast of wind ripped through the partially-completed building's steel skeleton.

Andrew Skye, 29, of RR 2 Ohswéken, was reported in serious condition in hospital with head injuries and a broken left arm. Ted Daszko, 45, of Hamilton, was also in serious condition with a skull fracture and a broken right leg.

Manford Miller, 26, also of RR 2 Ohswéken, was in good condition with possible head injuries. A fourth man was treated and released from hospital.



**Ontario Hydro Press Clipping Service**

Paper  
Date  
Source

Cornwall Standard-Freeholder  
AUG 10 1966  
Eastern Region

TUES AUG 9 1966

## Hamilton Hard Hit By Storm

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## Ontario Hydro Clipping Service

Paper Ottawa Journal  
 Date AUG 10 1966  
 Source Eastern Region

### BUILDING COLLAPSES

# Wind Storms Hit Hamilton Area

TUES AUG 9 1966

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WORKSHEET

IDTOD96613

① ORIGIN  $x$  17604400  
 $y$  4806600

⑤ Standard Error  $S_x$   
 SWC

② LIFT-OFF  $x_1$  17605400  
 $y_1$  48060900

⑥ Standard Error  $S_y$   
 SWC

③  $(x_1 - x) = 1000$

④  $(y_1 - y) = 300$

⑦ DAMAGE LENGTH

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

③+④  $\rightarrow r, \theta = 1044$

$x \leftrightarrow y = 17^\circ$

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

⑤+⑥  $\rightarrow r, \theta = 707$

⑩  $\beta = \frac{\tan^{-1} S_L}{L}$

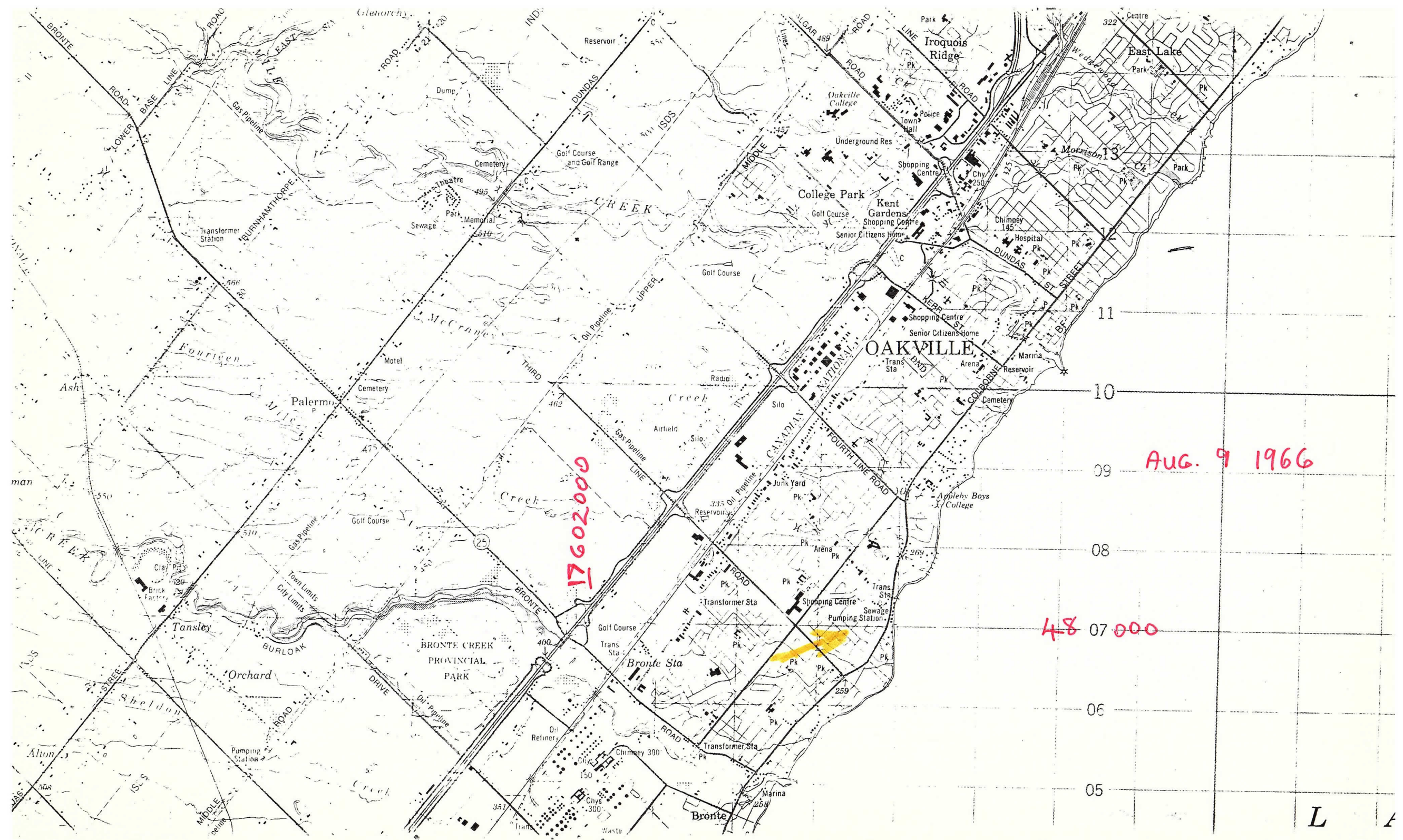
⑦+⑨  $\rightarrow r, \theta$   
 $x \leftrightarrow y = 34^\circ$

NE Quad  $\phi = 90 - \alpha$   
 NW Quad  $\phi = 270 + \alpha$   
 SW Quad  $\phi = 270 - \alpha$

SE Quad  $\phi = 90 + \alpha$

⑪  $\phi = 253^\circ$





AUG. 9 1966

17602000

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# WORKSHEET

IDTO 0696614

① ORIGIN  $x$  18307800  
 $y$  4897000

⑤ Standard Error  $S_x$   
 1500 C

② LIFT-OFF  $x_1$  18317900  
 $y_1$  4900700

⑥ Standard Error  $S_y$   
 2000 C

③  $(x_1 - x) = 10100$

④  $(y_1 - y) = 3700$

⑦ DAMAGE LENGTH

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

③ + ④  $\rightarrow r, \theta = 10756$

$x \leftrightarrow y = 20^\circ$

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

⑤ + ⑥  $\rightarrow r, \theta = 2500 \text{ m C}$

⑩  $\beta = \frac{\tan^{-1} S_L}{L}$

⑦ + ⑨  $\rightarrow r, \theta$   
 $x \leftrightarrow y = 13^\circ$

NE Quad  $\phi = 90 - \alpha$

NW Quad  $\phi = 270 + \alpha$

SW Quad  $\phi = 270 - \alpha$

SE Quad  $\phi = 90 + \alpha$

⑪  $\phi = 250^\circ$



## Ontario Hydro Clipping Service

Paper Belleville Intelligencer  
 Date AUG 10 1966  
 Source Eastern Region

# Small Twister With Sharp Lightning Strikes District, Power Failures Reported

TUES 9 AUG 1966

A small twister which flashed briefly through the area at the height of yesterday afternoon's sudden rain and electrical storm caused power interruptions in the city and in the rural area east of Belleville.

Public Utilities officials said the heavy wind cut through the northeast part of the city affecting a strip along the 3rd and 4th concessions of Thurlow and out into Tyendinaga township.

Tree limbs were knocked down cutting hydro service which in some instances was not restored until about 11 p.m.

### IN NARROW PATH

In a brief period of minutes .29 inch of rain fell over the city but the storm apparently struck only a narrow path. A Shannonville resident said only a few drops fell there while one resident in the south rural area of Tyendinaga said there was only wind with no rain at all received.

In the city a few fuses were blown in the College street area, while power was off for almost two hours in the South Front street area.

The heavy but brief rainfall filled gutters to overflowing and also served to cut the humidity which yesterday made living uncomfortable.

The weatherman promises more liveable temperatures — at least for today.

BELLEVILLE

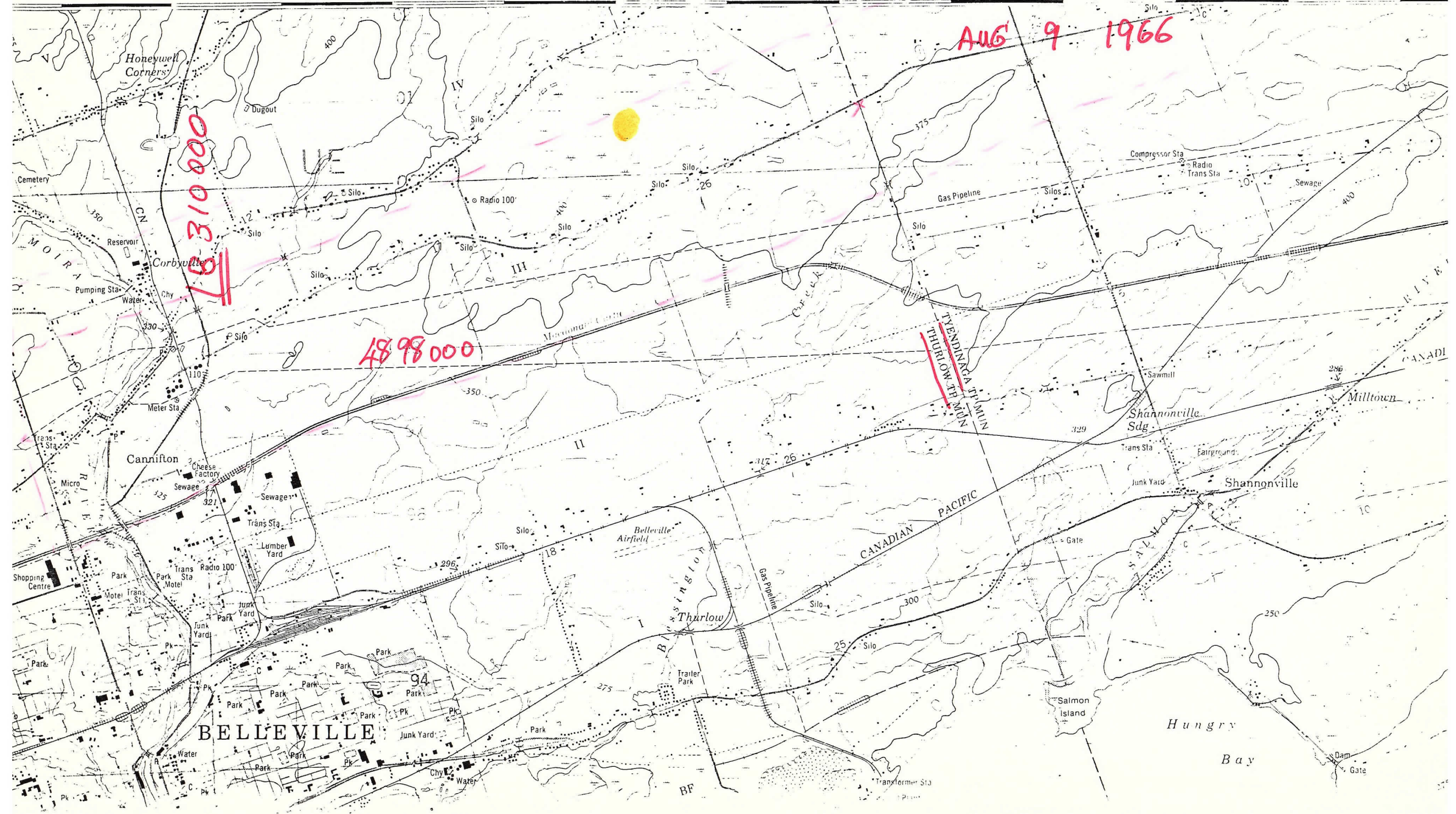


AUG 9 1966

310 000

48 98 000

TYENDINAGA TOWN  
THURLOW TOWN





17-1

E

# Ontario Hydro Press Clipping Service

Paper Cornwall Standard-Freeholder  
Date AUG 10 1966  
Source Eastern Region

TUES AUG 9 1966

# Freak Tornado Hits Area, Plane Hangar Ripped, Power Cut

A freak tornado lifted an aircraft hangar over a fence at Glen Walter last night, while lightning struck in several places throwing Cornwall and a number of area communities into darkness.

The sudden storm temporarily interrupted a mid-summer heat wave which boosted temperatures to 90 degrees in Cornwall Tuesday.

Rex Silmsor, owner of an air strip near Glen Walter, told The Standard-Freeholder he left his summer home for the airport at 7:15 last night when it started raining. He wanted to cover a load of hay standing near the hangar.

When he and his brother, Robert, and a companion, Allan Campbell, arrived the wind was starting to blow.

They placed a polyethylene cover over the hay and anchored it with rubber tires.

Then the wind blew up and trees flew past the three men.

Robert Silmsor started running and later said "I was probably good enough to make the Olympic team at the speed I was going."

It was fortunate one of us was not seriously injured," Rex Silmsor said.

A large piece of wood narrowly missed Mr. Campbell and Rex Silmsor hid under a nearby truck.

The wind hoisted the three-  
aircraft plywood and steel  
hangar off its concrete foundation and hoisted it over the fence without damaging the

fence. The hay wagon, just north of the hangar, was also untouched.

The owner estimated total damage to the hangar at \$5,000. "CUBS" WRECKED

Also damaged were a Waco plane and two J-3 Cubs. The cubs, each worth \$2,500, were both wrecked.

Mr. Silmsor said he had completed a deal yesterday afternoon with a Montreal firm for the exchange of his three planes for another.

Gordon Fairweather, assistant general manager, Cornwall Street Railway, reported lightning struck a transformer at the corner of Second and Marlborough Streets at about 8:15.

Power was cut off at Cornwall General Hospital and Marlborough Street for about one hour. The hospital operated on auxiliary power.

Line and transformer fuses blew east of the city, darkening homes from Gray's Point to Summerstown and from Grant's Corners east. Mr. Fairweather said. Lightning again caused the power break.

Cornwall Street Railway crews restored power to all areas by 3 a.m. today.

C. T. Guilbeault, superintendent of St. Lawrence Power, said some street lights went out north of Tollgate Road to Earmer's Corners.

St. Lawrence Power was also called out to repair a transformer on Cornwall Island.

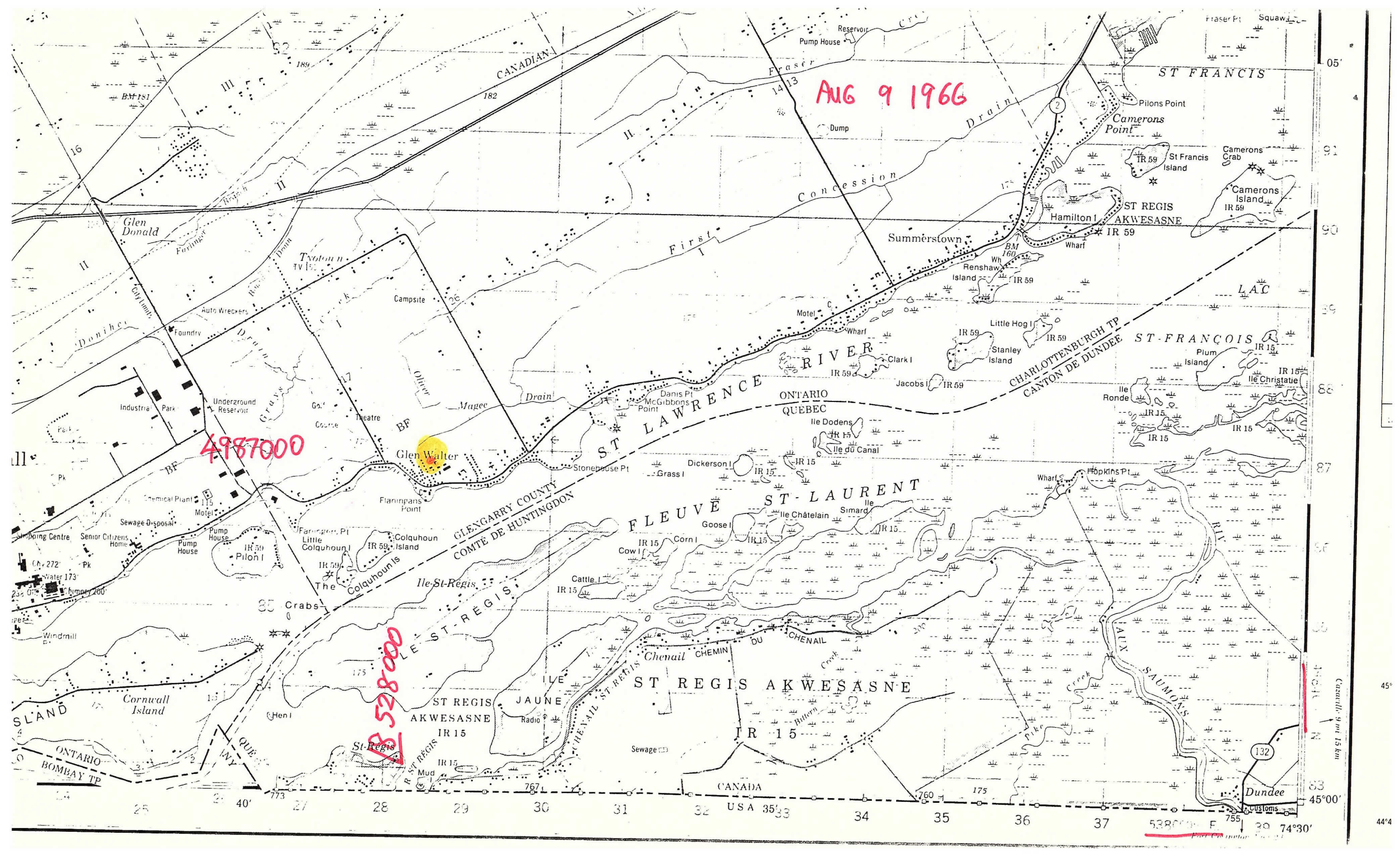
Ontario Hydro reported lightning set fire to a hydro pole near Apple Hill, interrupting service to Alexandria and Maxville for about one hour.

The city workshop said a tree limb fell on a sidewalk at 224 Danis Ave. during the storm.

Less than an inch of rain fell between 7:25 and 11:10 last night, the city filtration plant said.

GLEN WALTER  
(EAST OF  
CORNWALL)





AUG 9 1966

4987000

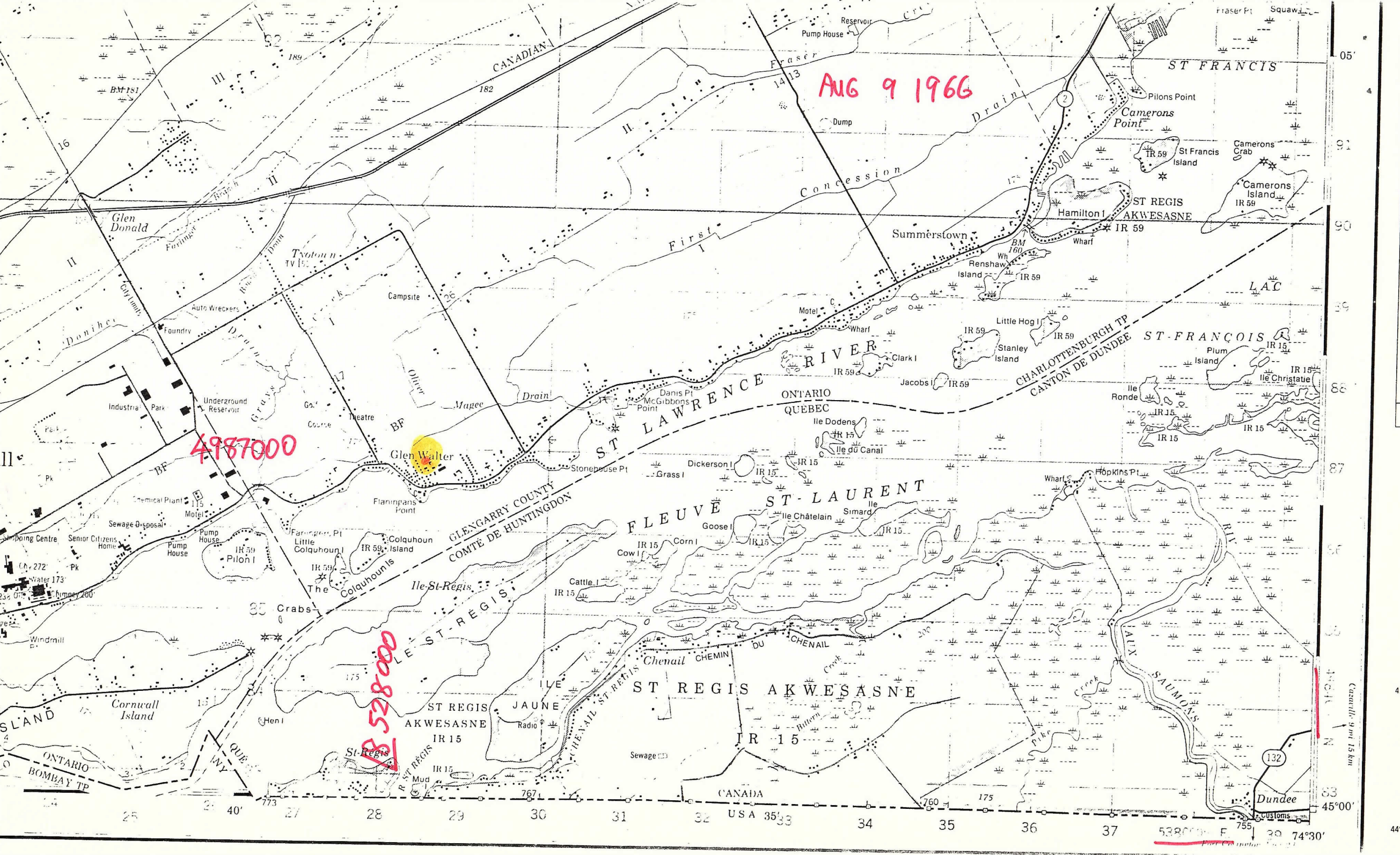
528000

Glen Walter

538000 E 74°30'

05'  
91  
90  
89  
88  
87  
86  
85  
84  
83  
45°  
44°4'

16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40





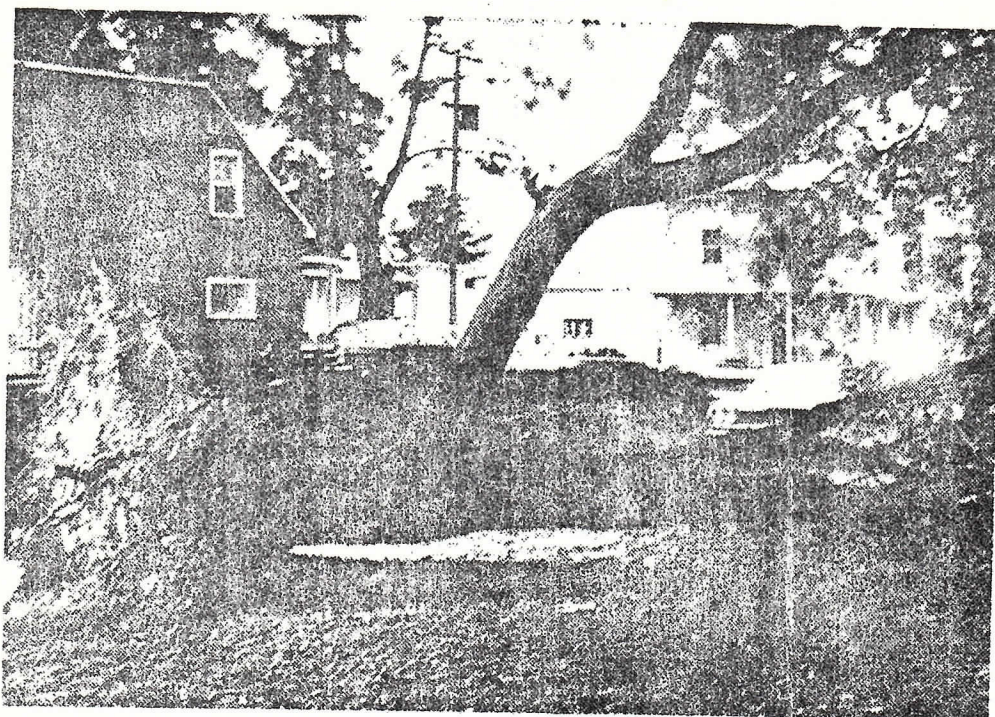
# Ontario Hydro Press Clipping Service

Paper Ottawa Citizen  
 Date AUG 10 1966  
 Source Eastern Region

7-1

OKAG. E

## TUES EVE AUG 9 1966



### HAWKESBURY HIT HARD

A violent hailstorm cut a narrow swath of destruction through the Hawkesbury area Tuesday evening, smashing windows, uprooting trees and ripping down power lines. Among the many area residents who got the surprise of their life was Mrs. Gaston Chevrier, of Chute a Blondeau, when a big tree in her back garden was felled by the high winds and narrowly missed crashing into her home. (See Page 3.)

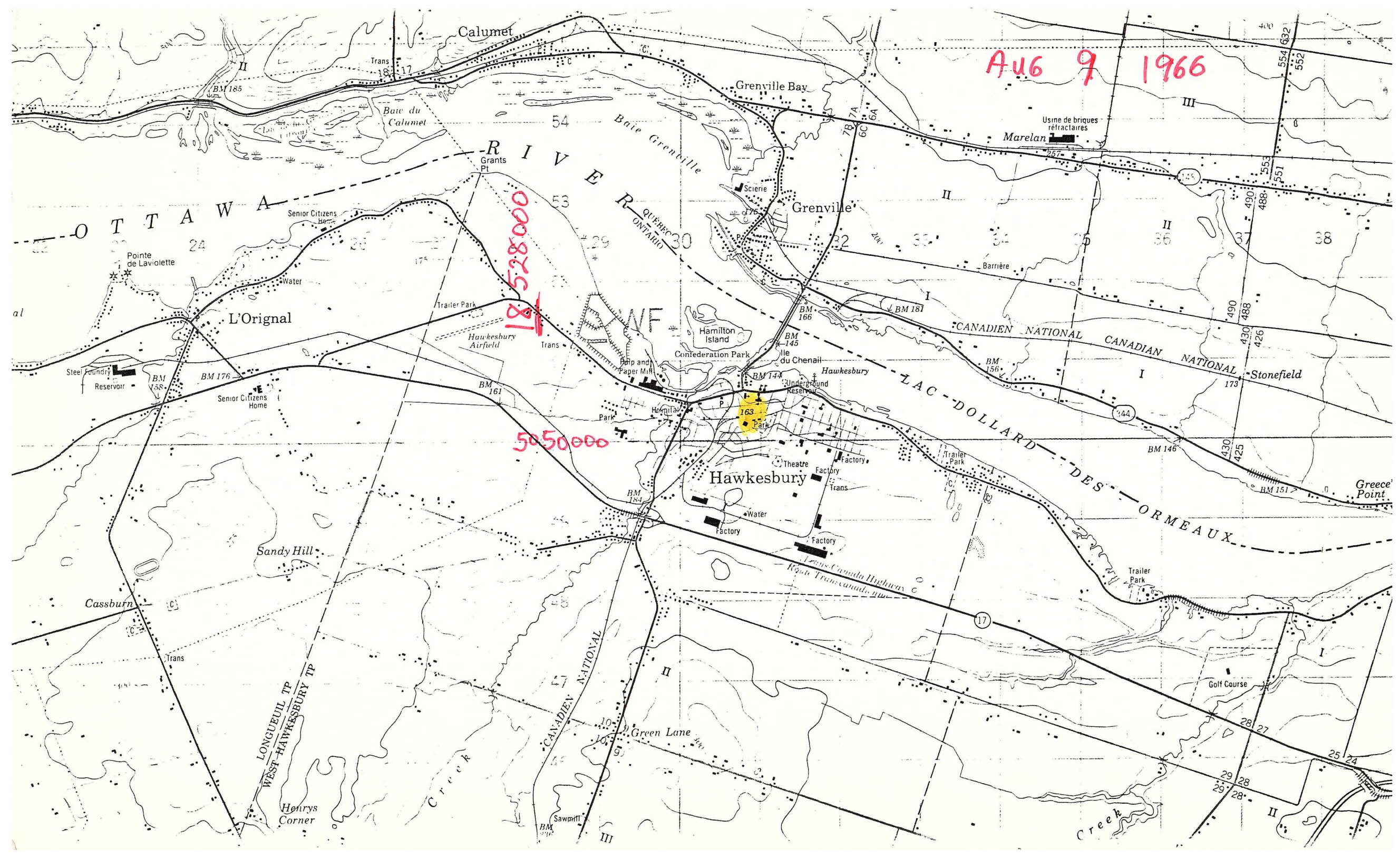
(Journal Photo by Ronald Fouteux)



Aug 9 1966

18 528000

5050000





# Ontario Hydro Press Clipping Service

11-1

Paper  
Date  
Source

The Glengarry News, Alexandria, Ontario

AUG 18 1966  
Eastern Region

TUES AUG 9 1966

JAG

*Lehenyl  
Storm File*

## Storm Damage Heavy Last Week

Power was interrupted for a one-hour period in Alexandria, Tuesday night of last week, when lightning set fire to a hydro pole near Apple Hill during one of two storms which caused scattered damage throughout the area.



Lightning razed one barn and started a number of other minor fires, while wind and hail flattened grain fields and shredded stands of corn in some localities.

A narrow strip of eastern Glengarry was hit about 5 p.m., while the second storm struck some three hours later.

The early storm ruined 25 acres of oats on the farm of Lionel Ouimet, two miles north of Glen Robertson on the Prescott boundary. The Ouimet corn crop was also shredded. Hallstones larger than

cherries were responsible for much of the damage.

Mr. Ouimet reported he had just cut the first round on the large grain field when the storm struck. A neighbor, Martin Oetelaar, was also hard hit.

Morlin Campbell, a farmer east of Laggan, was alerted to the danger when the electric range in his home caught fire during the severe electrical storm. Gilbert MacRae of Glen Sandfield lost part of his grain and corn crops, and reported windows blown out and broken during the storm.

"The hail lay two inches deep on the ground," said Mr. MacRae.

The bungalow of Mr. and Mrs. William Renaud of Dalhousie Road, Glen Robertson, was struck by lightning. But neighbors gathered and put out the fire that resulted. Wyman Wylie, also of Glen Robertson, reported that high winds blew down a shed on his property.

Heaviest damage of all occurred in the later storm, when lightning hit a barn three miles west of Vankleek Hill on the farm of Mrs. Donald McPhee. Total loss was estimated at \$40,000.

Lost in the destruction of the barn was \$7,000 worth of hay, two tractors, a truck, other farm machinery and 100 hens.

WIND AND HAIL AND STRIKES

*Date of storms  
Tues. Aug 16 ?*



# Ontario Hydro Press Clipping Service

Paper Guelph Daily Mercury  
Date August 10, 1966  
Source Guelph area

7-2

N

GUELPH 2pm TUES AUG 9 1966

DRAG

## High Wind Storm Did Little Damage Surrounding Area

L.S.  
File Wind Storm  
CJ Clipping



The short, violent storm that whipped through the city a little after 2 p.m. yesterday did not live up to its expectations. Ontario Hydro, board of light and heat and Bell Telephone all report no damage even though one official pointed out, "we were expecting the worst." The storm entered Ontario in the Windsor area and breezed out over Lake Ontario at Toronto, demolishing a half-finished steel building in Hamilton and playing havoc with small crafts in Toronto harbor. Winds were gusting; the U. of G. weather station reports a high

of 30 miles per hour while the department of transport office at the Wellington - Waterloo airport had readings of 47 miles per hour at 2 o'clock. In 12 minutes, at the peak of the storm, .11 inches of rain fell in this area. The disturbance came with a trough line preceding a cold front that passed through this area in the early evening. The high temperature of 84 degrees yesterday dropped to 69 at 2 p.m. and 67 one hour later before going to an overnight low of 57 degrees.

.11 ins. rain