C

TORNADO PROJECT SUMMARY SHEET

F = 0

(PE. NOV 14 /80). ONT

JULY

1. DATE AND TIME 12. 7. 1969 0700 E.S.T.

2. LOCATION OR PATH (attach map) (↳ otory ATTACH [illegible] MAP [illegible]) AMELIASBURGH TOWNSHIP (THE GORE ROAD) 06969-2

3. PATH LENGTH [✓] NOT KNOWN [ ] <1mi; [ ] 1-4mi; [ ] 5-10mi; [ ] 11-50mi; [ ] LENGTH IF>50mi

4. PATH WIDTH [UNKNOWN] 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 $UNKNOWN 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES

PICTON GAZETTE, JULY 16, 18, 1969

Telephone Interview, MRS. VINCE. O'HARA. (613). 968-5946.
NOV 14, 1980 by P.J Elms.

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

(a) NO REMARKS, BUT CALLED A FREAK CYCLONE WHICH CUT A SWATH OF DAMAGE

(b) A NUMBER OF BARNS DAMAGED, TREES AND FENCES TOPPLED, FARM MACHINERY BLOWN OVER

WORKSHEET

IDTO 0696920

(1) ORIGIN $x$ 18302100

$y$ 4883500

(5) Standard Error $S_x$ C30

(2) LIFT-OFF $x_1$ 18302700

$y_1$ 4884050

(6) Standard Error $S_y$ C30

(3) $(x_1 - x) =$ 600

(4) $(y - y_1) =$ 550

(7) DAMAGE LENGTH

$$L = [(x_1 - x)^2 + (y - y_1)^2]^{1/2}$$

(3)+(4) $\boxed{\rightarrow r, \theta}$ = 814

(8) $\alpha = \tan^{-1} \dfrac{|y - y_1|}{|x - x_1|}$

$\boxed{X \leftrightarrow Y}$ = 43°

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

(5)+(6) $\boxed{\rightarrow r, \theta}$ = 42m C

(10) $\beta = \dfrac{\tan^{-1} S_L}{L}$

(7)+(9) $\boxed{\rightarrow r, \theta}$

$\boxed{X \leftrightarrow Y}$ = 3°

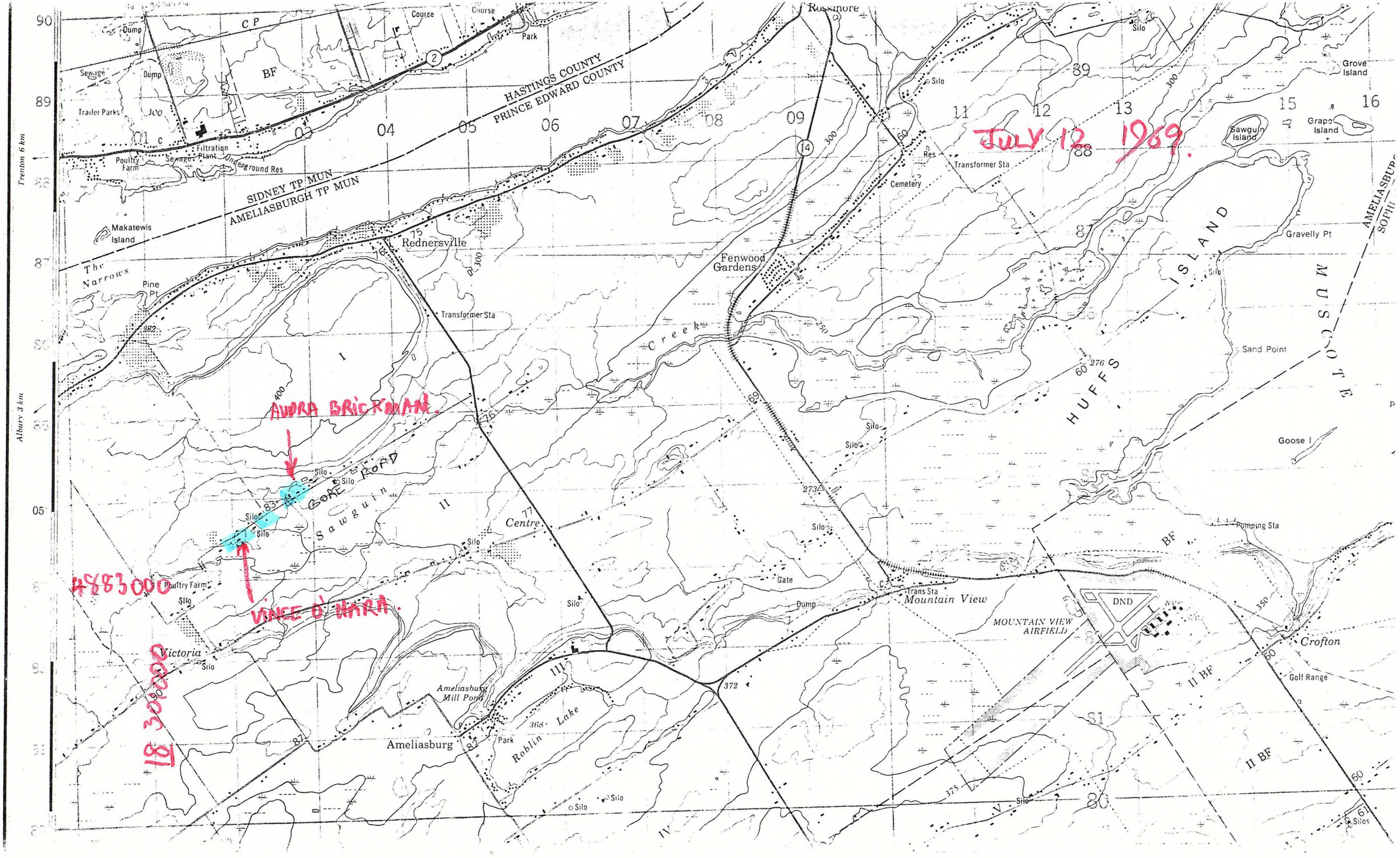
NE Quad $\phi = 90 - \alpha$

NW Quad $\phi = 270 + \alpha$

SW quad $\phi = 270 - \alpha$

SE quad $\phi = 90 + \alpha$

(11) $\phi$ = 227°



JULY 12, 1969.
AUDRA BRICKMAN.
VINCE O'HARA.
4883000
18 300000
HASTINGS COUNTY
PRINCE EDWARD COUNTY
SIDNEY TP MUN
AMELIASBURGH TP MUN
Rossmore
Rednersville
Fenwood Gardens
Mountain View
Ameliasburg
Victoria
Crofton
Centre
Sawguin Creek
Roblin Lake
Ameliasburg Mill Pond
MOUNTAIN VIEW AIRFIELD
DND
HUFFS ISLAND
MUSCOTE
Sand Point
Goose I
Gravelly Pt
Grove Island
Grape Island
Sawguin Island
Makatewis Island
The Narrows
Pine Pt
Poultry Farm
Trailer Parks
Sewage
Filtration Plant
Underground Res
Transformer Sta
Cemetery
Trans Sta
Pumping Sta
Golf Range
Silos
Trenton 6 km
Albury 3 km

Phone conversation with Mrs Vince O'Hara.
(613) 968-5946. 2nd Con. Lot 84. Amelianburgh. township. by
P. Elms. Nov 14/80.

Two soft maples were felled to the south and damaged other trees in the line, that they all had to be cut down.
One of the trees snapped off clean at ground level.

There were no buildings damaged, and Mrs O'Hara said she thought a farm waggon had been overturned.

Canadian Press
Clipping Service
A division of Maclean-Hunter

Picton Gazette, Ontario
Circ. 5,485
July 16, 1969

9Am and 11Am SAT JULY 12 1969

# TWO HOMES STRUCK BY LIGHTNING

Pioss

## Telephone Blown To Bits

Two severe electrical wind and rain storms struck in Athol Township, Saturday shortly after 9 a.m. and again around 11 a.m. The dark clouds rolled in from the lake. Lightning struck at least two houses, while wind tore limbs off several trees.

Mrs. Archie Hicks suffered face and leg injuries when the telephone in the home suddenly exploded into a mass of pieces and the room was filled with smoke. Mrs. Hicks was knocked from a couch to the floor. A piece of the phone broke a glass pitcher across the room, blew fuses and damaged electric clocks and the TV set. Marks were left on the wall and curtains but there was no fire. Mrs. Lyall Hicks was in the kitchen at the time and noted the smoke.

Mr. Hicks was coming to the house at the time and had a close call. "I was about 15-20 feet from the big willow tree on the front lawn when the lightning struck. I was knocked down and stunned for a second. The lightning ripped off a big limb and left a hole in the ground," he said.

A check by telephone workers later revealed that while the phone was grounded, the electrical discharge was so grat that it jumped over the fuses.

Later, Mr. Hicks discovered lightning had struck and split an elm tree south of the road.

## WINDOWS BLOWN OUT

"Lightning came in from almost every corner of the house," said Neil Parks of East Lake, relating how a bolt struck the tenant house around nine o'clock Saturday morning.

"It came in on the TV, hydro line, clothes line and telephone, and, amazingly enough, no one was hurt and damage was less than one would expect."

Mrs. Bill King and daughter were at home when the storm broke suddenly. Mrs. King's hearing was affected for a time but returned. They were shaken by the experience.

There was also some damage to the siding and the floor and articles in the home were knocked around.

A transformer in the vicinity was knocked out, and the effects of the electrical discharge felt in blowing of fuses and broken light bulbs in Mr. Parks', Harry Laundry's and other homes.

SAT JULY 12 1969

Canadian Press
Clipping Service

Picton Gazette, Ontario
Circ. 5,485
July 18, 1969

# STORM STRUCK GORE ROAD

1055

VICTORIA (Special) — On Saturday morning, during the heavy thunder storm, a severe wind and freak cyclone struck through the Gore road, cutting a swath through about five farms where it toppled trees, fences and machinery in the fields. It destroyed two large trees on Mr. Vince O'Hara's lawn. Telephone and hydro were off. It also broke a large tree at Miss Audra Brickman's. The rest of the street just got the heavy rain and no wind.

VINCE O'HARA (6.3) 968.5946
MISS AUDRA. BRICKMAN (6.3) 968.8196

Soft Maple One snapped off clean at ground.

31 C 3
31 C 4

Gelwer 7-8 AM