A

TORNADO PROJECT SUMMARY SHEET

F=0 &UE

1. DATE AND TIME JUNE 15, 1976 EARLY MORNING

2. LOCATION OR PATH (attach map) GRAY VALLEY in ARGENTEUIL Co.
SW-NE
05976-02

3. PATH LENGTH ☐ NOT KNOWN ☐ <1mi; ☐ 1-4mi; 8-16 KM ☐ 5-10mi; ☐ 11-50mi; ☐ LENGTH IF>50mi

4. PATH WIDTH 6 TO 8 M 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 NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES

MONTREAL GAZETTE, JUNE 17, 1976
PERSONAL CORRESPONDENCE WITH MRS H SCALLY, VAUDREUIL, QUE dated FEB 1, 1977.

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

(a) no remarks

(b) Interview w/ Mrs Scally, Mar 27, 1977 who said she could see a swath of downed trees (large enough to drive a truck along) crossing the mountain to the NE of her cottage.

MONTREAL GAZETTE

Weather

Storm smashes summer homes

The remains of a summer cottage is examined by May Pennefather after a mini tornado devasted the chalet at Bark Lake near Arundel, 12 miles south of St. Jovite. The windstorm hit the Laurentians early Tuesday morning and caused extensive damage to many summer homes. The force of the storm smashed the glass front of this cottage, tore off the roof and swept the furniture and interior walls into the battered trees. No injuries were reported.

Gazette, Len Sidaway

148 - 3rd Blvd
Terrasse Vaudreuil
Quebec J7V 5P4
Feb. 1, 1977.

Dear Sirs:-

Regarding your letter in The Gazette Feb. 1, 1977 I would like to report a tornado in early June 15th 1976 at our summer property in Gray Valley, Argenteuil Co. on the Rouge River (adjacent to the old C.N.R. railroad bridge)

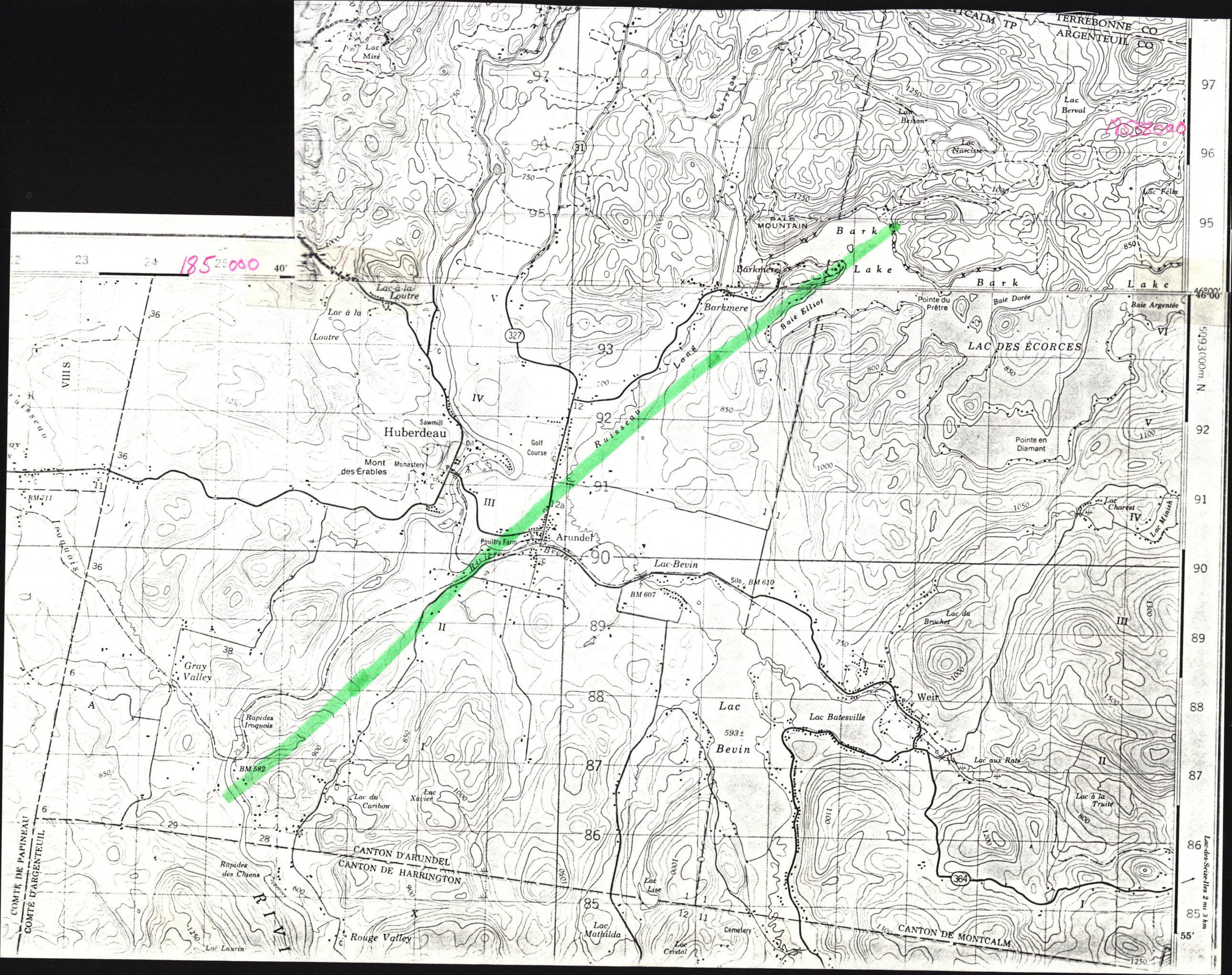
Any information you require please phone or write.

Mrs H. Scally.

Phone 453-4414.

INTERVIEW WITH MRS SCALLY MAR 27 1977
COTTAGE LOCATED SOUTH BANK OF ROUGE RIVER. SHE COULD SEE SWATH OF DOWNED TREES (LARGE ENOUGH TO DRIVE A TRUCK ALONG) CROSSING THE MOUNTAIN TO THE NE. APPEARED TO START VCNTY COTTAGE (IF NO TRACK TO BE SEEN TO SW). TREE FELL ON COTTAGE BUT WITH LITTLE DAMAGE. DOORS IS KNOWN OPEN.


RAND McNALLY
ONTARIO
0-1 000 Pakenham
1-5 000 Carthage
5-10 000 Leamington
10-25 000 DUNKIRK
25-50 000 SARNIA
50-100 000 OSHAWA
100 000 and over LONDON
Scale: 0 5 10 20 30 miles
SEE CONTENTS PAGE FOR SYMBOL LEGEND
ST. LAWRENCE ISLANDS NAT'L PARKS (THOUSAND ISLANDS) MAIN SEASON early June - late Oct.
LAKE ONTARIO
OSHAWA
PETERBOROUGH
KINGSTON
BELLEVILLE
TRENTON
PEMBROKE
OTTAWA
HULL
CORNWALL
MASSENA
BROCKVILLE
PRESCOTT
WATERTOWN
ALGONQUIN PROVINCIAL PARK
ADIRONDACK



TERREBONNE CO
ARGENTEUIL CO
MONTCALM TP
Lac Miré
Lac Besson
Lac Berval
Lac Narcisse
Lac Félix
BALD MOUNTAIN
Bark Lake
Barkmere
Lac-à-la-Loutre
Lac à la Loutre
Baie Elliot
Pointe du Prêtre
Baie Dorée
Baie Argentée
LAC DES ÉCORCES
Pointe en Diamant
Huberdeau
Sawmill
Golf Course
Mont des Érables
Monastery
Ruisseau Long
Arundel
Poultry Farm
Lac-Bevin
Silo
BM 610
BM 607
Lac Charest
Lac Minish
Lac du Brochet
Weir
Lac Batesville
Lac aux Rats
Lac à la Truite
Lac Bevin
593±
Gray Valley
Rapides Iroquois
BM 582
Lac du Caribou
Lac Xavier
Rapides des Chiens
Rouge Valley
Lac Laurin
Lac Lise
Lac Mathilda
Lac Cristal
Cemetery
CANTON D'ARUNDEL
CANTON DE HARRINGTON
CANTON DE MONTCALM
COMTÉ DE PAPINEAU
COMTÉ D'ARGENTEUIL
Lac-des-Seize-Iles 2 mi 3 km
185000

WERKSHEET

IDTO 05976-02

(1) ORIGIN x 18525300

y 5086600

(5) Standard Error S_x

$C = 150$

(2) LIFT-OFF x_1 18534600

y_1 5094900

(6) Standard Error S_y

$0 = 750$

(3) $(x_1 - x)$ = 9300

(4) $(y - y_1)$ = 8300

(7) DAMAGE LENGTH

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

(3)+(4) $\boxed{\rightarrow r,\theta}$ = 12465

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

$\boxed{x \leftrightarrow Y}$ = 42°

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

(5)+(6) $\boxed{\rightarrow r,\theta}$ = 745

(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) ϕ = 228