B

TORNADO PROJECT SUMMARY SHEET

F=0 $UF

1. DATE AND TIME JUNE 19, 1977 1820 EST

2. LOCATION OR PATH (attach map)
LEEDS 05977-01

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

4. PATH WIDTH ☐ 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 $ 11. TOTAL DEATHS

12. TOTAL INJURED 13. TOTAL HOMELESS

14. LIST ALL REFERENCES

TORNADOES IN CANADA, 1976-1977. by M.S. Newark

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

WORKSHEET

IDTO 05977-01

(1) ORIGIN x 19319500

y 5127500

(5) Standard Error S_x

0=750

(2) LIFT-OFF x_1

y_1

(6) Standard Error S_y

(3) $(x_1 - x) =$

(4) $(y - y_1) =$

(7) DAMAGE LENGTH

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

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

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

$\boxed{x \leftrightarrow y}$ =

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

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

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

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

$\boxed{x \leftrightarrow y}$ =

NE Quad $\phi = 90 - \alpha$

NW Quad $\phi = 270 + \alpha$

SW quad $\phi = 270 - \alpha$

SE quad $\phi = 90 + \alpha$

(11) ϕ =


St-Agapit
St-Agapit Station
Chaumont
Laurier
Bergeron
Demers
St-Flavien
St-Gilles
St-Janvier-de-Joly
(Joly PO)
Dosquet
Neubois
Rageot
Parkhurst
Beaurivage
Ste-Agathe-de-Lotbinière
Ste-Anastasie
Lyster Station
Ste-Julie-Station
Laurierville
Reed Mill
Wilsons Mills
Lysander
Leeds Village
Campbell Corners
Glen Lloyd
Inverness
Reedsdale
Milanville
Kinnears Mills
Millfield
Adderley
St-Pierre-Baptiste
Chandonnet
Pidgeon
Mailhot
Kimberley
St-Jean-d'Irlande
Lake William
Clapham
Hillcrest
Valenciennes
Woodside
Rochelle
Ste-Sophie-de-Mégantic
Bernierville
(St-Ferdinand PO)
Fréchette
Avon
New Ireland
St-Adrien-d'Irlande
St-Damase-de-Thetford
Lemesurier
Custeau
Crawfordville
Pontbriand
Robertsonville
Rumpelville
La Montagne
Blais
East Broughton
East Broughton Station
Leeds
(Broughton Station PO)
Sacré-Coeur-de-Marie
Corriveau
Station-St-Victor
St-Victor-de-Beauce
St-Jules-de-Beauce
St-Pierre-de-Broughton
Tring-Jonction
St-Frédéric
St-Joseph-de-Beauce
St-Séverin-de-Beauce
Naud
St-Sylvestre
St-Elzéar-de-Beauce
Ste-Marie
(Ste-Marie-de-Beauce PO)
St-Bernard-de-Dorchester
St-Maxime
Scott-Jonction
Ste-Hénédine
Ste-Marguerite-de-Dorchester
Vallée-Jonction
Boivin
Saints Anges
Turcotte
St-Malachie
St-Malachie-Station
Springbrook
Hemison
Mount Kinsella
St-Edouard-de-Frampton
(Frampton PO)
Poulin
Mont Cervin
Fir Grove
Cranbourne
St-Odilon
Feuille-d'Erable
Beauceville-Ouest
Beauceville-Est
Rivière Gilbert
St-Simon-les-Mines
Notre-Dame-des-Pins
St-Alfred
Lacroix
St-Georges-Ouest
Rivière des Plantes
Harvey Hill
Broughton Mountain
Tara Mtn
Mont Ste-Marguerite
Handkerchief Mountain
Rectory Hill
Mont St-Adrien
Thetford
Broughton
Inverness
Somerset
Lotbinière
Dorchester Co
Beauce Co
Chaudière
Bécancour
Nelson
Etchemin
Frampton
Canadian National
Canadian Pacific
Central Quebec
Trans-Canada Highway
Quebec
5120000
1930000