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1 MOTO IN STAK

TORNADO PROJECT SUMMARY SHEET

F=0

1. DATE AND TIME Aug 20 1958 1800 E.S.T.

2. LOCATION OR PATH (attach map) FOLLOWED UNBUILT SECTION OF 401 HIGHWAY IN VICINITY OF AIRPORT.

06958-054

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.) No-RAIN.

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

12. TOTAL INJURED NONE. 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES

Yz WX OBSERVATION RECORDS.
PERSONAL RECOLLECTION — P. ELMS.

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

THE FUNNEL BRIEFLY TOUCHED DOWN ALONG UNBUILT SECTION OF 401 HIGHWAY. ABOUT 100 FEET ABOVE GROUND MOST OF THE TIME. "BOILING" CUT AND CB BUILT AT THE CLEARING EDGE OF (COLD FRONT?).

(pilot report)

WORKSHEET 0695804

r = 1500 m

ORIGIN easting x 17612500
northing y. 4835250

Standard Error S_x
C 1500

LIFT-OFF x_1
y_1

Standard Error S_y

$(x_1 - x)$ =
$(y - y_1)$ =

DAMAGE LENGTH

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

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

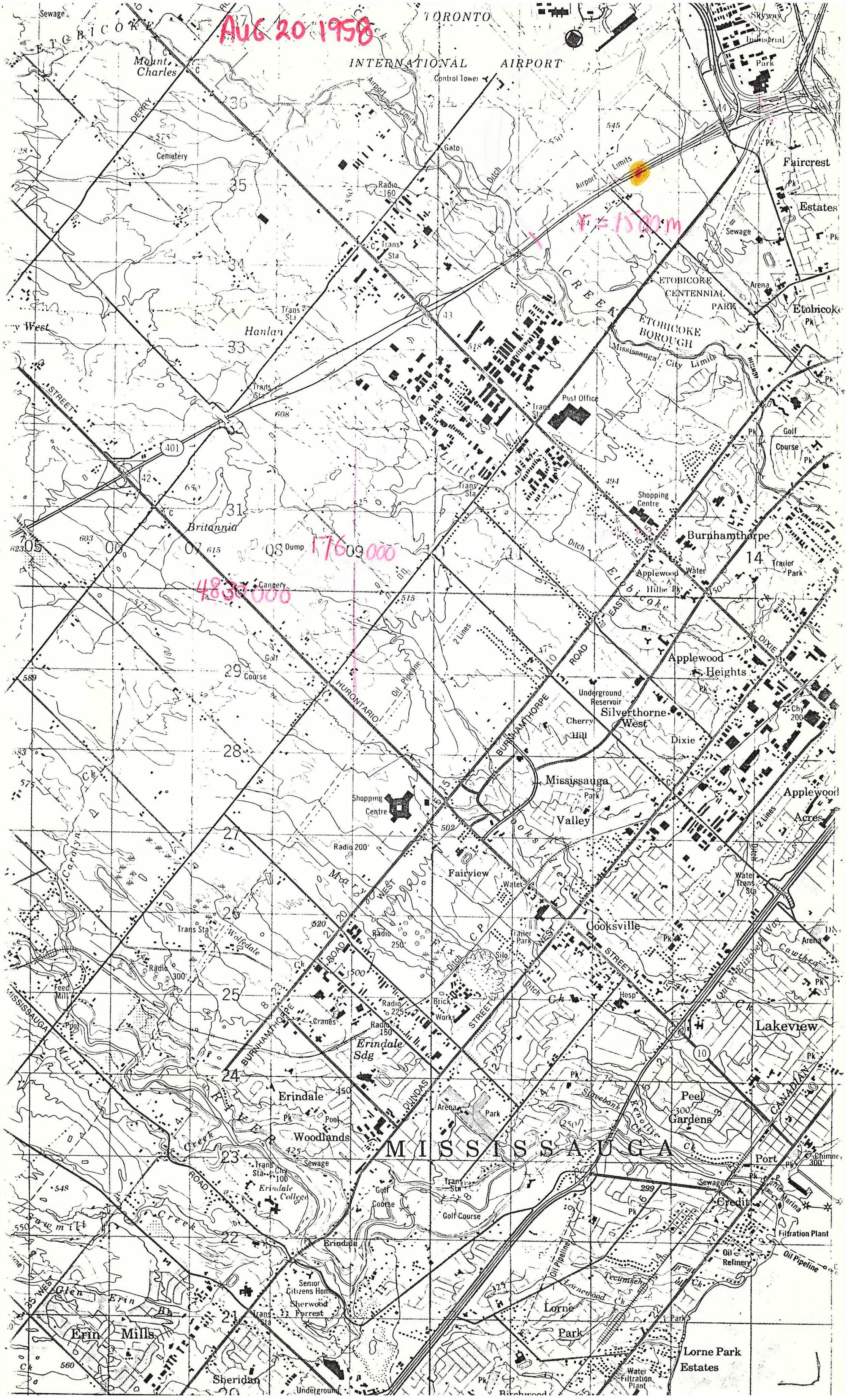
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$$\beta = \frac{S_L}{57.29 L}$$

$$\alpha = \tan^{-1} \frac{|y - y_1|}{|x - x_1|}$$

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Aug 20 1958
TORONTO
INTERNATIONAL AIRPORT
Control Tower
ETOBICOKE
Mount Charles
Cemetery
Airport Limits
r = 1500 m
Faircrest Estates
Sewage
ETOBICOKE CENTENNIAL PARK
Etobicoke
ETOBICOKE BOROUGH
Mississauga City Limits
Hanlan
Post Office
Little
Shopping Centre
Burnhamthorpe
Trailer Park
Britannia
Dump
176 09 000
4830 000
Cannery
Applewood Hills
Golf Course
HURONTARIO
Oil Pipeline
DIXIE
Applewood Heights
Underground Reservoir
Silverthorne West
Cherry Hill
Dixie
BURNHAMTHORPE
Mississauga Park Valley
Applewood Acres
Shopping Centre
Radio 200
Fairview
Cooksville
Trailer Park
Wolfedale
Feed Mill
MISSISSAUGA
Brick Works
Erindale Sdg
Lakeview
Erindale
Woodlands
Peel Gardens
MISSISSAUGA
Port Credit
Erindale College
Golf Course
Filtration Plant
Oil Refinery
Oil Pipeline
Senior Citizens Home
Sherwood Forrest
Lorne Park
Erin Mills
Lorne Park Estates
Sheridan
Water Filtration Plant