NEWSPAPER PHOTOCOPY PICTURE. (PE. NOV. 7 80).

B

TORNADO PROJECT SUMMARY SHEET

F=0 ONT

1. DATE AND TIME 18. 6. 1969 (JUNE) 1900 EDT

2. LOCATION OR PATH (attach map) TOUCHDOWN NEAR MILVERTON 06969-03

3. PATH LENGTH ☑ NOT KNOWN ☐ <1 mi; ☑ 1-4mi; (1mi) ☐ 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

STRATFORD BEACON-HERALD 19.6.1969
MILVERTON SUN 25.6.1969

MENNO KUEPFER (519) 595-4409.

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

(a) NO EYEWITNESS REPORTS. STRATFORD BEACON-HERALD STORY CALLS THE EVENT A SMALL TORNADO

(b) BARNS UNROOFED, TREES DAMAGED. "THE SEVERITY OF THE STORM LASTED APPROXIMATELY 60 SECONDS".

WORKSHEET

IDTO 0696903

(1) ORIGIN x 17509000

y 4820100

(5) Standard Error S_X 30 C

(2) LIFT-OFF x_1 17512350

y_1 4822700

(6) Standard Error S_Y 30 C

(3) $(x_1 - x) = 3350$

(4) $(y - y_1) = 2600$

(7) DAMAGE LENGTH

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

(3)+(4) $\boxed{\rightarrow r, \theta}$ = 4241

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

$\boxed{X \leftrightarrow Y}$ = 38°

(9) Standard Error $S_L = (S_X^2 + S_Y^2)^{1/2}$

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

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

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

$\boxed{X \leftrightarrow Y}$ = 1°

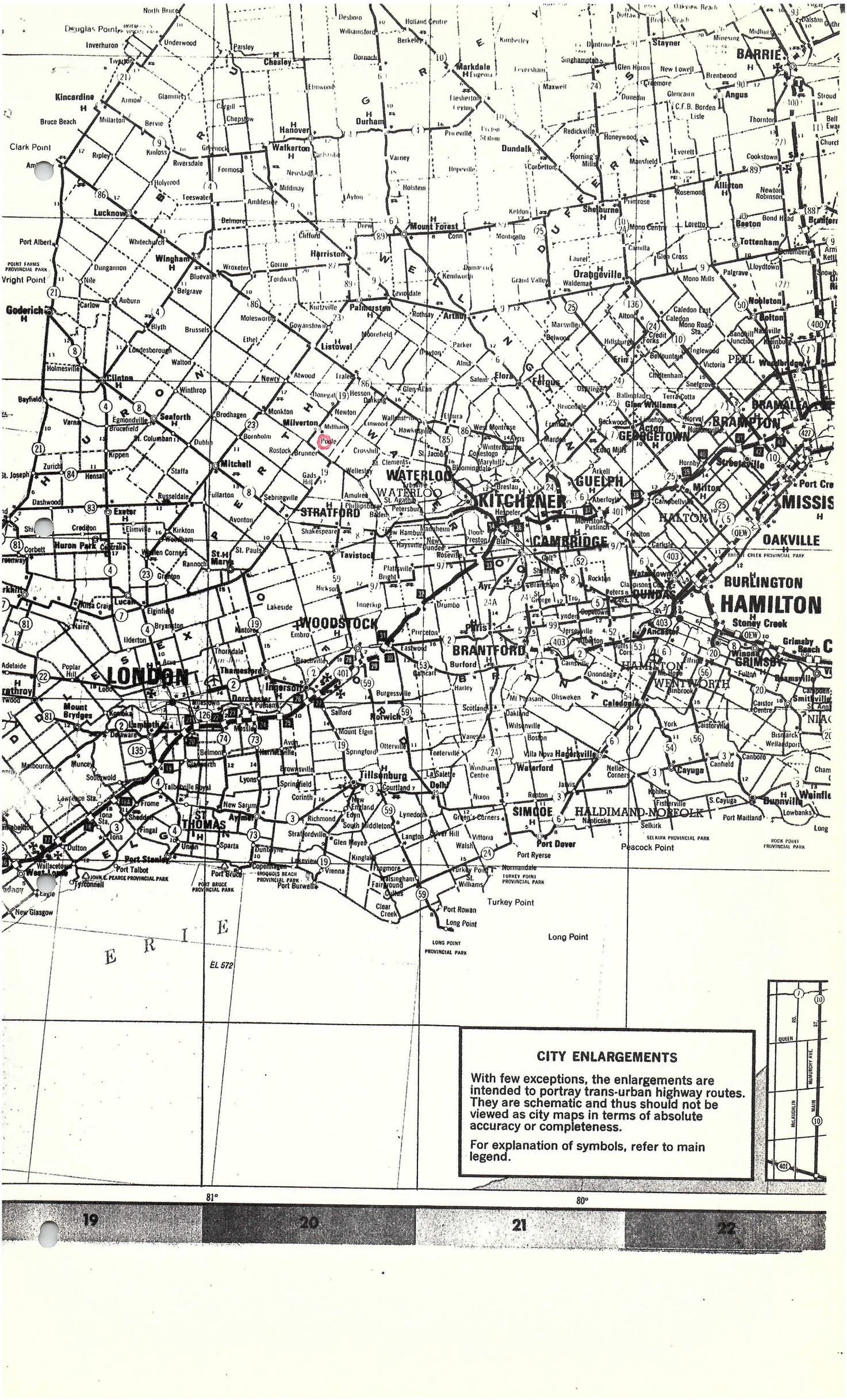
NE Quad $\phi = 90 - \alpha$

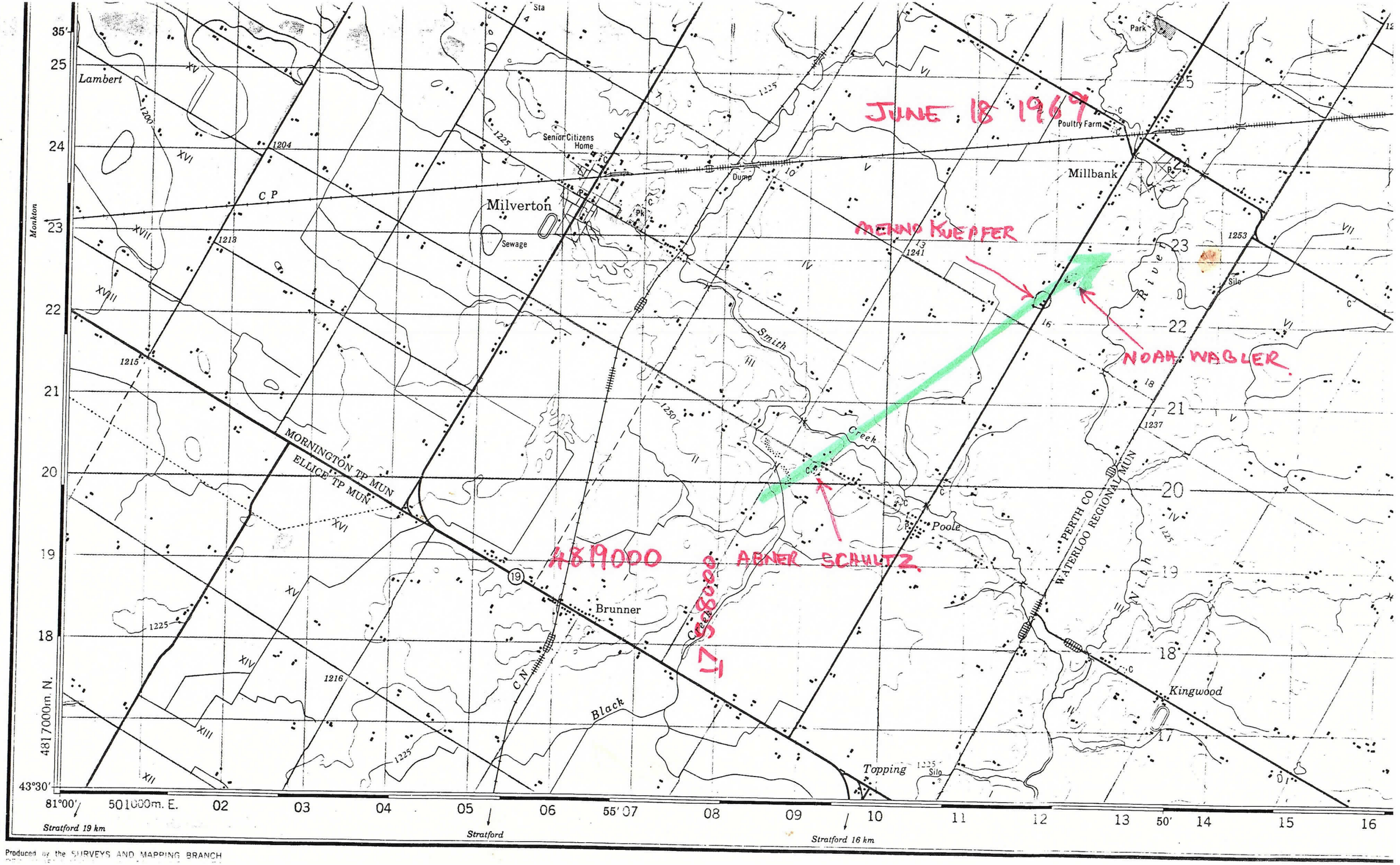
NW Quad $\phi = 270 + \alpha$

SW quad $\phi = 270 - \alpha$

SE quad $\phi = 90 + \alpha$

(11) ϕ = 232°


CITY ENLARGEMENTS
With few exceptions, the enlargements are intended to portray trans-urban highway routes. They are schematic and thus should not be viewed as city maps in terms of absolute accuracy or completeness.
For explanation of symbols, refer to main legend.
81°
80°
19
20
21
22



Produced by the SURVEYS AND MAPPING BRANCH

Phone conversation with Mr. Menno Kuepfer (519) 595-4409. by P. Elim Nov 7/80.

Mr Kuepfer said he had just sat down to supper when a strong wind sprang up. He looked out the window and saw trees bent over nearly to the ground.

A neighbour, who was driving his buggy along the road beside Kuepfer's place, turned in to seek shelter. As he did so, a tree came down behind his buggy, and Kuepfer's drive shed blew down.

The neighbour to the northeast of Kuepfer, Noah Wagler, sustained damage to his driveshed.

Milverton Sun, Ontario
Circ. 1,955
June 25, 1969

3 1055

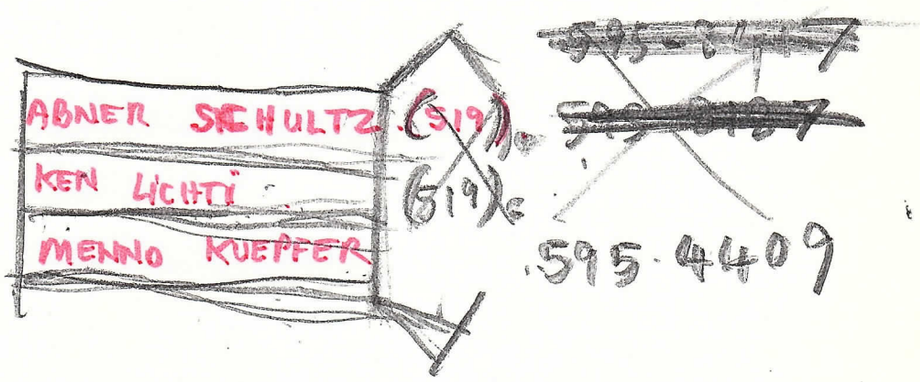
Small Tornado Strikes Area

WED JUNE 18 1969 ?

Considerable damage was done on the farm of Abner Schultz, concession 3, Mornington Township, when a small tornado ripped through the area on Wednesday from the small barn. Part of the roof was ripped off and strewn over the fields at the front of the farm.

Large maple trees and fruit trees on the farm of Ken Lichti were damaged. Shingles were lifted from thes mall barn. Part of the driving shed roof on the farm of Menno Kuepfer was also demolished.

The severity of the storm lasted approximately 60 seconds.



ABNER SCHULTZ (519)
KEN LICHTI (519)
MENNO KUEPFER

595-4409

Little rain

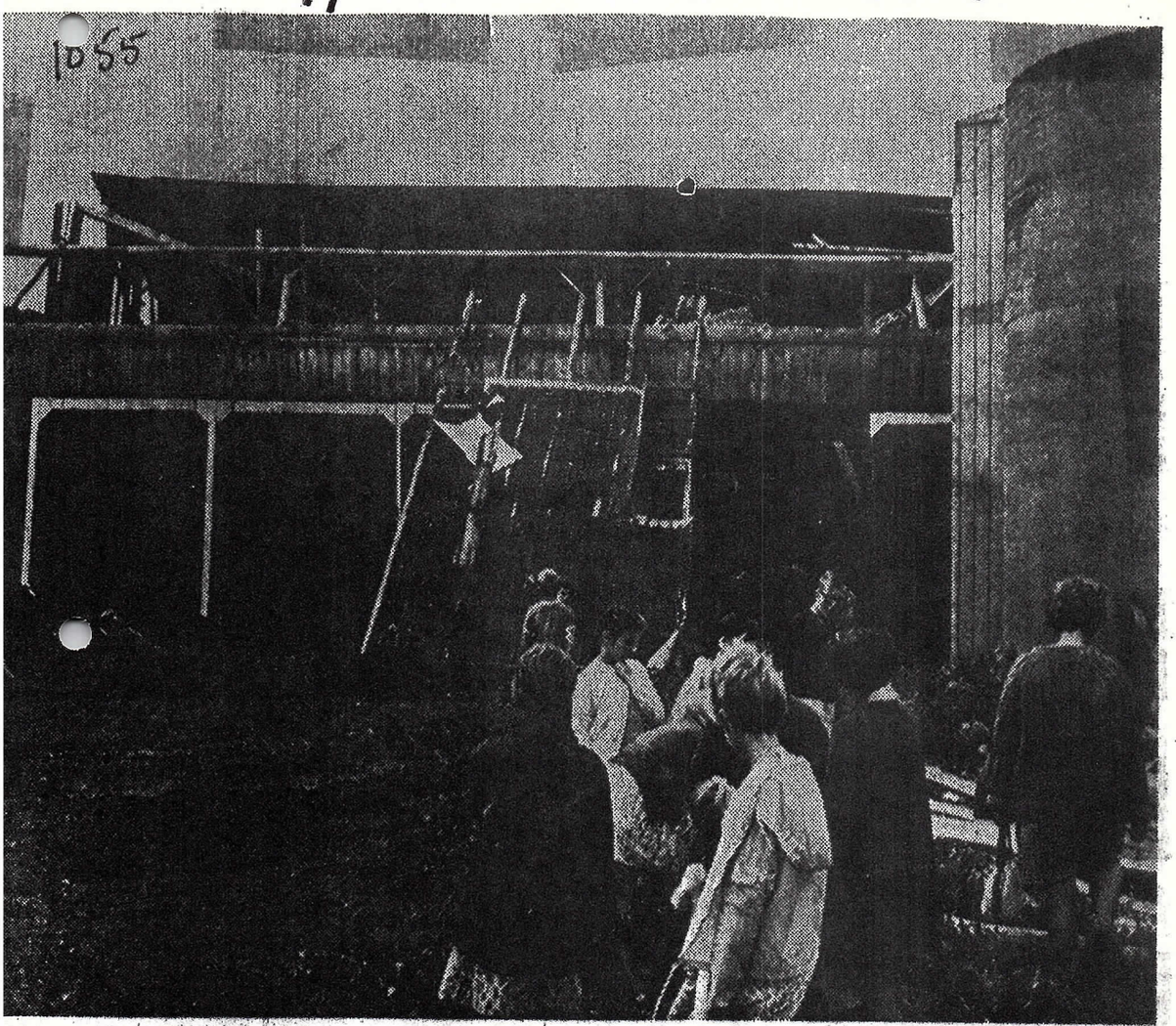
Trees bending over ready to the ground from a big 31 tree down

Noah Wagler

Stratford Beacon-Herald
Ontario
Circ. 9,641
June 19, 1969

7pm WED JUNE 18 1969

1D55



...nado damage study

small tornado hit the farm of Abner Schultz on ...n. 3, Mornington Township, about 7 p.m. Wed-...sday. Part of the barn roof was torn off and scat-...red around the farm's front fields. Mrs. Schultz, a ...acher at the Poole school just east of the farm, took her students, grades 4 and 5, to their farm Thursday morning to view the damage. Mr. Schultz hasn't estimated the loss which is partially covered by insurance.