

A

1. DATE AND TIME 11.6.1973 1705 EST

2. LOCATION OR PATH (attach map) CHESTERVILLE - SANDTOWN 0697301

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 \$ UNKNOWN 11. TOTAL DEATHS NONE (CATTLE KILLED)

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES
 STAR, TORONTO. 12.6.1973
 MORRISBURG LEADER, SEPT 19, 1979
 Telephone Interviews, Dec 8, 1980 by M. S. Newark
 OTTAWA JOURNAL JUNE 11, 12, 1973

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

TORNADO STRUCK CHESTERVILLE VICINITY JULY 17/1902

Loyal Hutt,

(a) A farmer in the area, said he watched as a funnel cloud touched down about 1/4 mile from his home.

(b) At the farm of Ralph Winters (see map) the top of the partially filled slab silo was taken off, trees were uprooted and the tip lifted off the barn. A building housing calves was lifted into the air and the calves killed and injured when it fell. At their neighbours farm (6 km east) the barn was totally demolished. At the township boundary road (near Limerick road) another barn was completely demolished and a swath of fallen trees was visible through the bush.

Ralph Winters lot 31, conc 9, Osnabrock Tp. (613) 984-2864
 Albert Winters (613) 984-2838.

WORKSHEET

IDTO 0697301

C 100

① ORIGIN x 18481700
 y 4994500

⑤ Standard Error S_x

② LIFT-OFF x_1 18492500
 y_1 4994500

C 100
 ⑥ Standard Error S_y

③ $(x_1 - x) = 10800$

④ $(y - y_1) = 0$

⑦ DAMAGE LENGTH

$L = [(x_1 - x)^2 + (y - y_1)^2]^{1/2}$ ⑧ $\alpha = \tan^{-1} \frac{|y - y_1|}{|x - x_1|}$

③ + ④ $\rightarrow r, \theta = 10800$

$x \leftrightarrow y = 0^\circ$

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

⑤ + ⑥ $\rightarrow r, \theta = 141 \text{ m C}$

⑩ $\beta = \frac{\tan^{-1} S_L}{L}$

⑦ + ⑨ $\rightarrow r, \theta$
 $x \leftrightarrow y = 1^\circ$

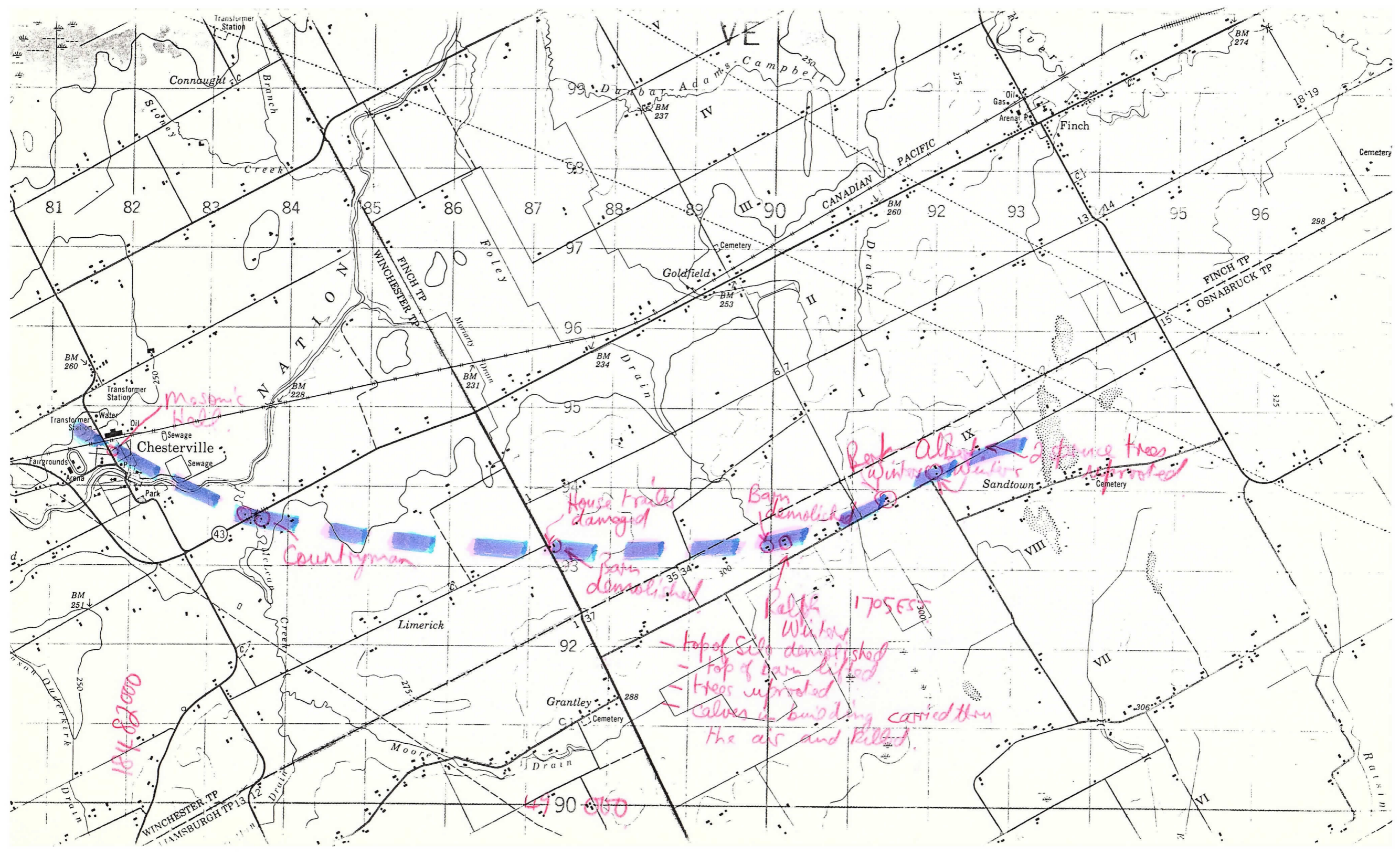
NE Quad $\phi = 90 - \alpha$

SE quad $\phi = 90 + \alpha$

NW Quad $\phi = 270 + \alpha$

SW quad $\phi = 270 - \alpha$

⑪ $\phi = 270^\circ$



Transformer Station

Stoney Creek

Chesterville

Countryman

WINCHESTER TP

10/29/91

VE

Dunbar Adams-Campbell

CANADIAN PACIFIC

Finch

Goldfield

Drain

FINCH TP
OSNABRUCK TP

Sewage

Park

Limerick

Grantley

Cemetery

Moore

Drain

Sandtown

Cemetery

Barn demolished

House trailer damaged

Barn demolished

Bank Albert
Winters' water deposited

Ralph Wilton 1705 EST

- top of silo demolished
- top of barn lifted
- trees uprooted
- calves in building carried thru
the air and killed.

4790 050

WINCHESTER TP

HAMPSBURGH TP

RAISIN