

F = U

ONT

1. DATE AND TIME **MAY 16 1965 ABOUT 1500 EST.**
2. LOCATION OR PATH  
(attach map) **LUCKNOW AND VICINITY. 06965-08**
3. PATH LENGTH ☒ NOT KNOWN **350 m** ☐ <1mi; ☐ 1-4mi; ☐ 5-10mi; ☐ 11-50mi; ☐ LENGTH IF >50mi
4. PATH WIDTH **U** 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.) **GOLF BALL SIZE HAIL ONE MILE EAST OF LUCKNOW.**
10. TOTAL DAMAGE ESTIMATE \$ **U** 11. TOTAL DEATHS **NONE**
12. TOTAL INJURED **NONE** 13. TOTAL HOMELESS **NONE**
14. LIST ALL REFERENCES  
**WALKERTON HERALD TIMES. MAY 20 1965.**
15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.
- (a) The twister danced across four streets.
- (b) all the windows in a home, one mile east of Lucknow, were broken by hail, as big as golf balls.
- Trees brought down in Lucknow, some falling on home roofs.
- Hydro service interrupted for 2 hours.

# WORKSHEET

ID TO 06965-08

① ORIGIN  $x$  17458700  
 $y$  4867700

⑤ Standard Error  $S_x$   
 $0 = 250m$

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

③ + ④  $\rightarrow r, \theta =$

$x \leftrightarrow y =$

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

⑤ + ⑥  $\rightarrow r, \theta =$

⑩  $\beta = \frac{\tan^{-1} S_L}{L}$

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

NE quad  $\phi = 90 - \alpha$

NW quad  $\phi = 270 + \alpha$

SW quad  $\phi = 270 - \alpha$

SE quad  $\phi = 90 + \alpha$

⑪  $\phi =$



Paper The Walkerton Herald Times  
Date May 20, 1965  
Source Georgian Bay Region

7/15-2<sup>nd</sup>

SUN MAY 16 1965

## SMALL TWISTER FELLS TREES AT LUCKNOW

Large trees smashed into houses and television aerials buckled in Lucknow Sunday during a storm described by residents as a "small twister."

Thunderstorms hit most Western Ontario centres during the afternoon, with high winds, and hail in some places.

The winds swept a passenger van off Highway 9 near Jarvis, injuring five of the nine passengers when the vehicle rolled over. Arlene Skuse, 17, of Stoney Creek was the only one taken to hospital. She has back injuries.

Lucknow residents said the twister danced across four streets — hitting some houses and missing others. Hydro service was dropped about two hours.

The storm that came about 4 p.m. brought hail stones "as big as golf balls" that knocked out all the windows in a home, one mile east of Lucknow. The house is owned by Harold Greer and occupied by Don Straughan.

It was a bad day for Mr. Greer. His home, on Outram Street, was extensively damaged when a tree crashed through the roof, sending rafters into the bathroom, cracking plaster and pushing a picture window out of line.

"The crash sounded like a clap of thunder," Mr. Greer said. "I didn't realize anything was wrong until I saw branches hanging down over the window."

One of the first trees ever planted in Lucknow was uprooted during the storm and crashed

unto the roof of a house on Gough Street, occupied by Miss Nellie Smith.

At Rannock, west of St. Marys, William Carl Dunnell, of R.R. 6, St. Marys, was driving on Highway 7 about 5 p.m. at the height of the storm, when he saw a large tree toppling onto the highway in front of him. Mr. Dunnell slammed on his brakes just in time to prevent the car from being caught under the tree. The car slid into the tree as it hit the road, causing about \$90 damage.

Exeter PUC manager Hugh Davis described the storm there as "pretty severe, but it only lasted a few minutes."

Trees were uprooted and hydro service cut off in Exeter. Power was restored to most of the town about an hour after the storm hit at 5 p.m.

Windows were knocked out on the south and east sides of Exeter's Caven Presbyterian Church and one of the greenhouses owned by Reder's Florists was extensively damaged.

The plate glass window of the Hopper-Hockey furniture store was smashed.

The neon sign for the Brewers' Retail store was slapped to the ground by the winds. Other signs were down in the north end.

Wind also blew the chimney off the roof of the residence of Harry Page, Andrew Street, and a tree crashed down on his front verandah.

In Stratford, heavy winds and

rain caused "considerable damage" said PUC manager D. M. Seath. The power was still off in some sections of the city after three hours.

There was some hail there, but the major damage was done by trees downed by the winds. One tree at the corner of Douglas and St. Vincent Streets snuffed out power in the area for several hours.

Little damage was reported in Wingham where hail fell for about five minutes. Television station CKNX was unable to broadcast news reports until late in the evening because wire service transmission was disrupted.

Hydro was knocked out in central Goderich for about half an hour when a tree knocked out a transformer at the intersection of Highways 21 and 8. No hail was reported.

There was no damage reported in London.

*Th. Walkerton Herald Times  
May 20/1965  
Lucknow P.O.*