Trees (some as large as 20 cm diameter) BROKEN AND

SHORT DISTANCE. SECONDARY DAMAGE DUE TO TREES FALLING

UPROOTED. TV ANTENNAE BENT. TRUCK CAP (500/bs)

ON LYDRO-WIRES AND A CAR. PRACTICALLY NO

DAMAGE.

PROPERTY

THROWN ONTO A CAR. CHILDS METAL SWING-SET MOVED A

(6)

WERKSHEET
IDTO 0698205

(5) Standard Error SX

(6) Standard Error Sy

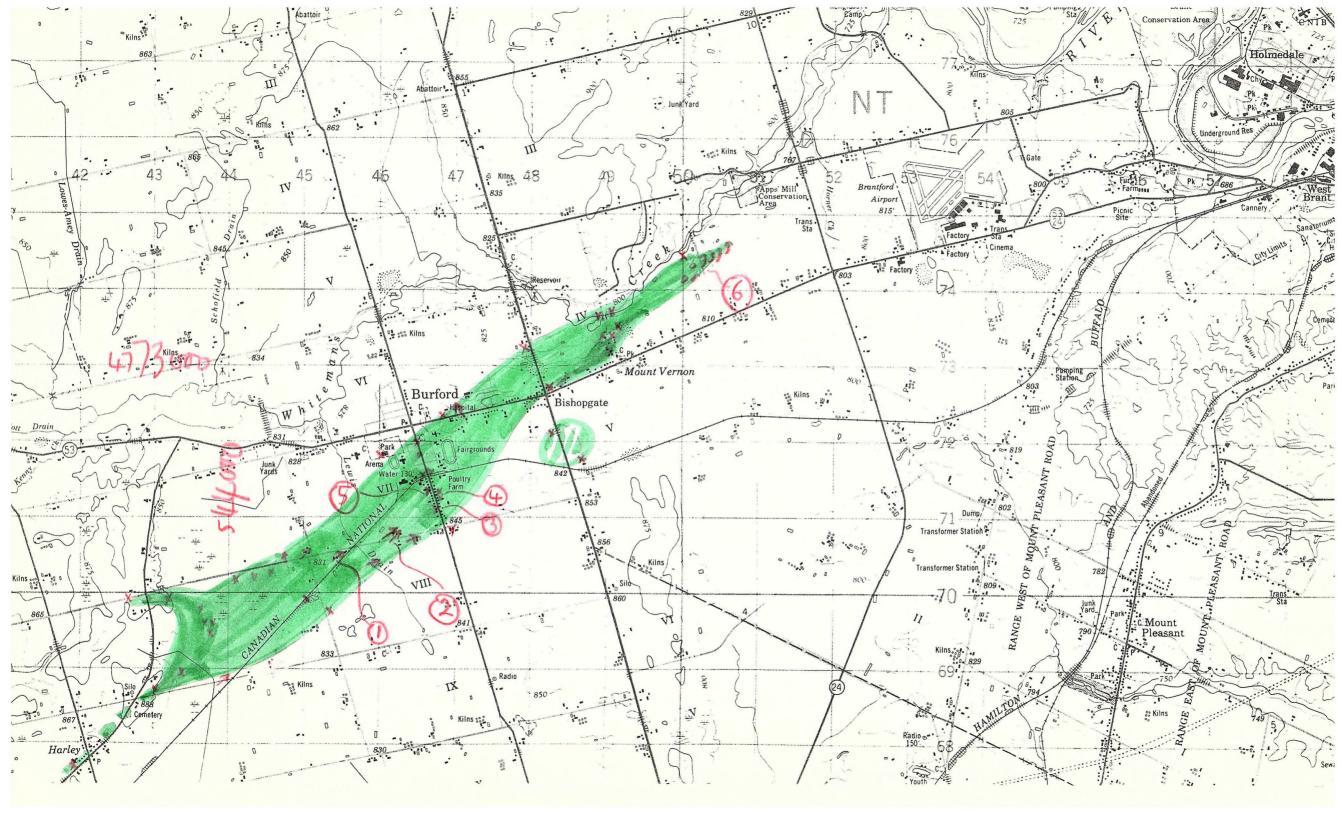
DAMAGE LENGTH
$$L = \left[(x, -x)^2 + (y-y,)^2 \right]^{1/2} \quad (8) \propto = \tan^{-1} \left| y-y_1 \right|^2$$

$$3 + (4) \Rightarrow r, \theta = \frac{1}{|x-x_1|}$$

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

$$\boxed{5+6} \rightarrow r_1\theta = ...$$

NE Quad
$$\phi = 90-\infty$$
 SE quad $\phi = 90+\infty$
NW Quad $\phi = 270+\infty$
SW quad $\phi = 270-\infty$ (11) $\phi =$



	NAME OF INVESTIGATOR NOTICE TO THE PROPERTY OF INVESTIGATION LOCATION-NUMBER NAME OF INVESTIGATOR'S PHONE AND
	INVESTIGATOR'S ADDRESS OWC, TIA PERSONAL SURVEY TUTM ZONE TELEPHONE INTERVIEW TO UTM ZONE TELEPHONE INTERVIEW TO UTM ZONE TO STATE STRING NORTHING NORTHING NORTHING NORTHING NORTHING NORTHING NORTHING TO STATE TO STATE
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2.	ADDRESS (NOT RR#) OF THIS LOCATION Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian
3.	PHONE NUMBER OF PERSON INTERVIEWED
4.	(a) TIME AND DATE OF THE EVENT AT THIS LOCATION Standard Time, Time Zone Area Code Number Day Month Year
	(b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.)
5.	(a) FUNNEL SEEN Y OF N
	(b) FUNNEL TYPE (CIRCLE)
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	Multiple Smoke-like Columnar Cone Rope-like Unknown Other
	(c) IF MULTIPLE, HOW MANY? (d) FROM WHICH DIRECTION?
6.	UNUSUAL NOISE? Y Or N IF YES, DESCRIBE WIND, MAN IN TREES.
7.	UNUSUAL SKY COLOUR? Y OF N IF YES, DESCRIBE DATUE - DINKISH TO NW
	Y O N IF YES, DESCRIBE
8.	(a) HAIL? DID HAIL PRECEDE AND/OR FOLLOW THE TORNADO?
	(c) HAIL SIZE (CIRCLE) PEA GRAPE WALNUT GOLF BALL
	TENNIS BALL OTHER UNKNOWN OR DIAMETER (mm)
9.	(a) RAIN, HOW MUCH? DID THE RAIN FALL BEFORE AND/OR AFTER THE TORNADO, AT THE TIME OF NONE NONE
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General comments	2
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AN HOUSE - TRUNK Im 1	
- ANDTHUR TRUE SNAPED OFF	
- BNE MAPLE ACROSS ROAD.	
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NAME OF INVESTIGATOR

	NAME OF INVESTIGATOR INVESTIGATOR DATE OF INVESTIGATION LOCATION NUMBER						
	M. J. NEWARK				NE 16, 1982	(2)	
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	Y or N IF YES,	DESCRIBE					
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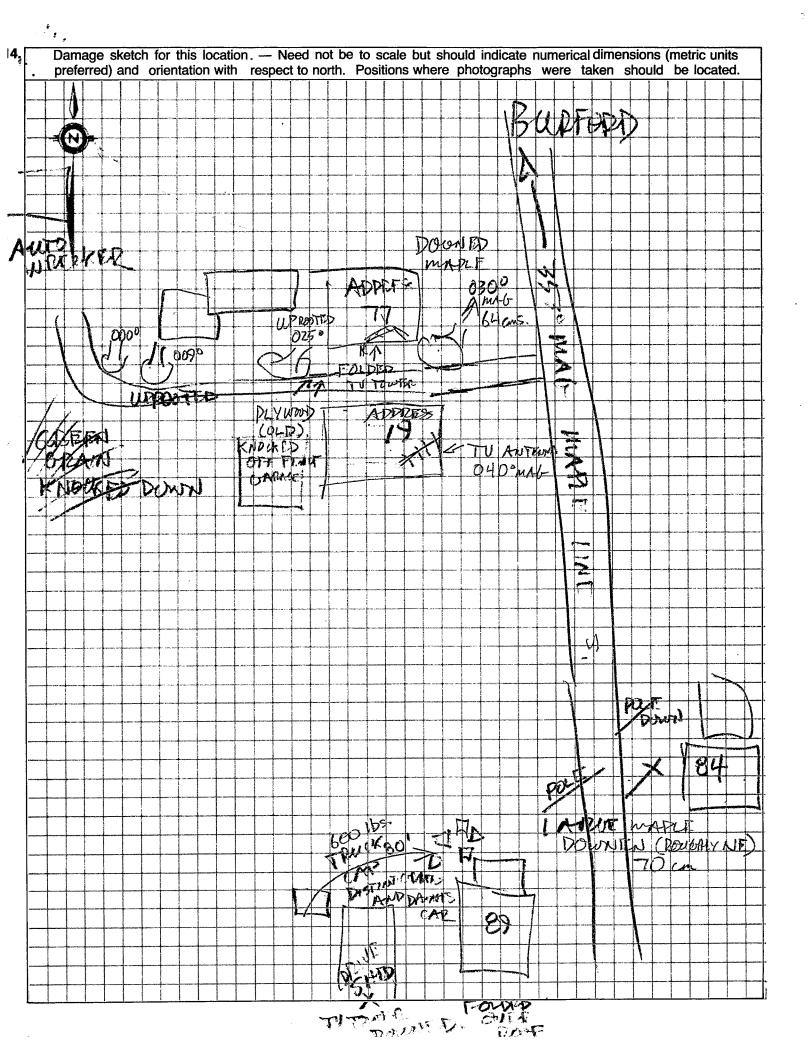
	NAME OF INVESTIGATOR		INVESTIGATOR'S PHON	NE DATE OF INVESTIGATION LOCATION NUMBER
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· [General comments
	TV tower bent slightly towards the east.
	Mr. Epple saw granish Junnel, aloff (quite
	ligh). It was rounded at the bottom He
	lost sight of it when it became obscured by
	vain.
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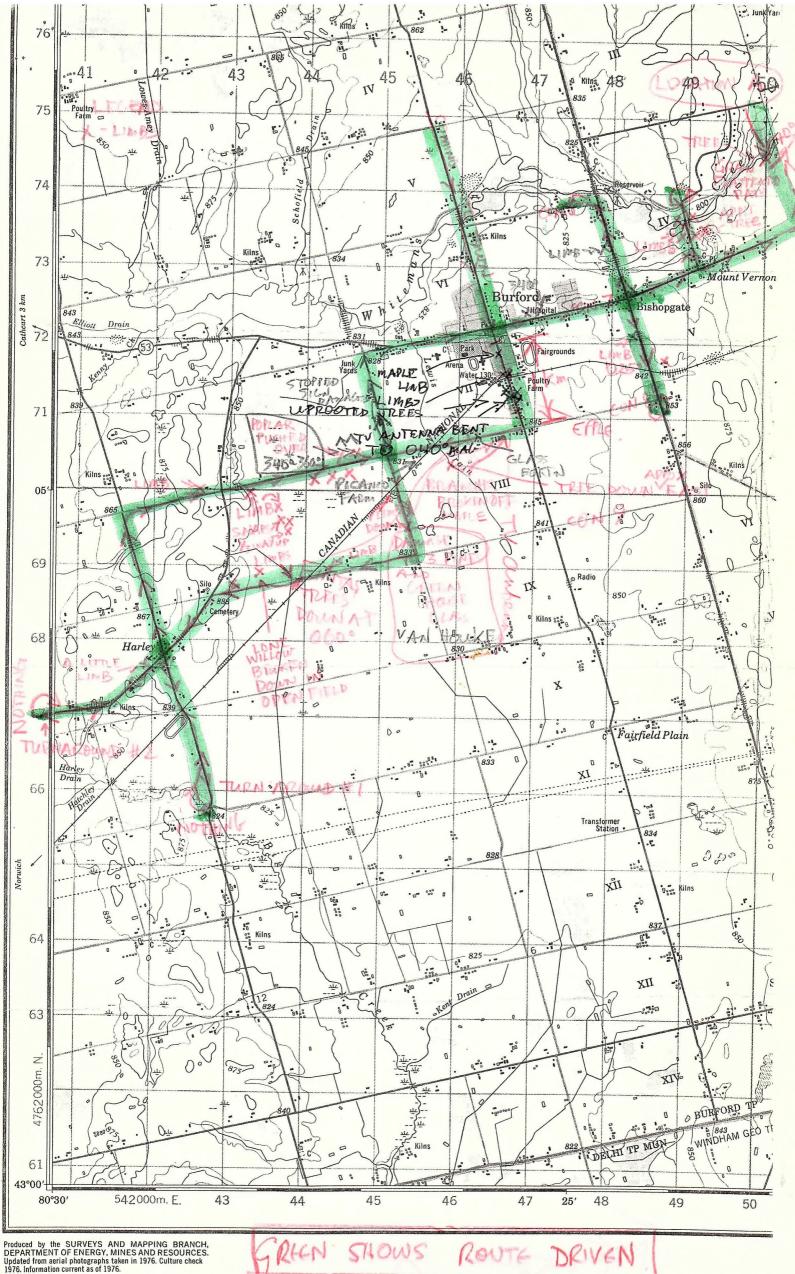
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	INVESTIGATOR'S ADDRESS PERSONAL SURVEY TELEPHONE INTERVIEW UTM ZONE EASTING NORTHING NORTHING 17 5 46760 4771250
1.	NAME(S) OF PERSON(S) INTERVIEWED
2.	ADDRESS (NOT RR#) OF THIS LOCATION
3.	PHONE NUMBER OF PERSON INTERVIEWED
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	TENNIS BALL OTHER UNKNOWN OR DIAMETER (mm)
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	General comments	
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	NAME OF INVESTIGATOR INVESTIGATOR'S PHONE DATE OF INVESTIGATION LOCATION NUMBER 1007
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	INVESTIGATOR'S ADDRESS 490S DUFFERIN ST, DOWNVICE PERSONAL SURVEY UTM ZONE TELEPHONE INTERVIEW 17 546 650 4771 350
1.	NAME(S) OF PERSON(S) INTERVIEWED
2.	ADDRESS (NOT RR#) OF THIS LOCATION
3.	Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian PHONE NUMBER OF PERSON INTERVIEWED
J.	Area Code Number
4.	(a) TIME AND DATE OF THE EVENT AT THIS LOCATION 15 JUNE 1982
	Standard Time, Time Zone Day Month Year (b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.)
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5.	(a) FUNNEL SEEN Y OF N
	(b) FUNNEL TYPE (CIRCLE)
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	Multiple Smoke-like Columnar Cone Rope-like Unknown Other (c) IF MULTIPLE, HOW MANY? (d) FROM WHICH DIRECTION?
6.	UNUSUAL NOISE? Y or N
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1.	Y or N IF YES, DESCRIBE
8.	(a) HAIL?
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	(c) HAIL SIZE (CIRCLE) PEA GRAPE WALNUT GOLF BALL
	TENNIS BALL OTHER UNKNOWN OR DIAMETER (mm)
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	NAME OF INVESTIGATOR				INVESTIGATO	DR'S PHONE D	ATE OF INVESTIGAT	TION LOC	ATION NUMBER
	M.	J. NE	NARK		(46)	459-2446	JUNK 16.		(6)
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	(c) IF MULTIPLE, HOW MANY	′?			(d) FROM WE	HICH DIRECTION?			
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		8							



THE EXPOSITER, BRANTFORD WED JUNE 16, 1982 STORM DATE JUNE 18, 1982

Many trees Uprooted by storm

By SUE JOHNSTON Expositor Staff Writer

Trees were uprooted, fields were flooded and some power outages occurred as a severe thunderstorm struck Brant County and surrounding areas on Tuesday night.

Minimal damage occurred in Brantford, but the Burford area and the southern portions of Norfolk were hard hit by power outages and damage caused by falling trees.

There were reports of a twister touching down south of Burford, and some homes in the village were still without power this morning.

Peter Dearling, clerk of the Township of Burford, surveyed some of the damage this morning in and south of the village and said: "It's

See also picture on Page 14

looks as if a small twister touched down at some parts in the south end of the village and on Concession 8. There must have been close to a dozen trees that were uprooted."

About half of the village residents were without power for about three hours after the storm struck at 7:30 p.m.

Some homes on Maple Avenue South were still without power this morning, and Ontario Hydro crews had been called in to assist Burford Public Utilities Commission employees in restoring service, and clearing the fallen trees and limbs.

Mr. Dearling said there was little structural damage caused to any buildings by the falling trees.

Continued on Page 2

STORM DATE JUNE 18,1982

Storm hits area

Continued from Page 1

One tree fell on the home of Minnie Leach at 84 Maple Avenue South, but only minor damage resulted.

Several trees were uprooted on the property of Don Henderson Automotive, and some cars were damaged as the trees and limbs crashed onto them.

A hydro pole came down on Maple Avenue South, and a van driven by Ron Leitch of Burford collided with it. A small fire started beneath the van, but there was minimal damage and Mr. Leitch was not seriously injured.

The city of Brantford weathered the storm much better than Burford.

City police reported no major problems, although BrantfordPublic Utilities Commission employees were kept busy until about 2 a.m.

George Mychailenko, electrical engineer for the PUC, said there was minimal damage caused in the city.

Limbs blew into hydro lines, and some trees came down, causing power outages in the Grand River Avenue, Shellard Lane and Douglas Avenue areas, he said.

A limb blew into a major hydro line at the W. Ross Macdonald School, causing a power shortage to major industries in the Grand River Avenue area. The power was out for about an hour, but no homes were affected, Mr. Mychailenko said.

Trees fell onto hydro lines in the Shellard Lane and Douglas Avenue areas, he said, causing some power outages that lasted more than an hour.

He said there were no other major power shortages in the city, although the PUC did receive many calls from individual homes experiencing problems.

There were some reports of large trees downed in the city, including ones on Fulton Street, Princess Street and St. George Street.

"The situation in the city really wasn't too severe," Mr. My-chailenko said.

Ontario Hydro encountered major problems in the southern portion of Norfolk.

Art Batty, manager of the Simcoe area Hydro office, said this morning there were "all kinds of problems" in that area.

A transformer in the hamlet of Walsingham crashed to the ground, taking out power lines and leaving about 2,000 homes without hydro service.

There were also many other power outages in that area and along the lakeshore, including a major one in Woodhouse Township, east of Port Dover

Mr. Batty said Hydro crews worked all night restoring power, but some homes in the southern portion of Norfolk were still without power this morning. Full service was expected to be restored by noon.

Hydro crews will continue working throughout today, he said, trying to clear the many limbs and trees that came down on or near hydro lines during the storm.

Prisoners to be held