TPB SEPT 80
ONT

A

TORNADO PROJECT SUMMARY SHEET

F=1

1. DATE AND TIME 14·4·1974 (APRIL) 1445 EST

2. LOCATION OR PATH (attach map) EAST OF DUBLIN (VCNTY SEAFORTH) 06974-02
14 PHOTOS: COLOUR PRINTS.

3. PATH LENGTH ☐ NOT KNOWN ☐ <1 mi; ☑ 1-4mi; ☐ 5-10mi; ☐ 11-50mi; ☐ LENGTH IF>50mi

4. PATH WIDTH NOT KNOWN 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 10 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES SEVERE STORM INVESTIGATION 20 MILES N.W. OF STRATFORD) BY A.R. WAYMANN.

BEACON HERALD, STRATFORD 15·4·1974
GLOBE AND MAIL (CP) 15·4·1974
STAR, TORONTO 15·4·1974
SPARROW, D 1974: TORNADO OF APRIL 14 1974 NEAR STRATFORD AND SEAFORTH. UNPUBLISHED REPORT BY ONTARIO HYDRO COMMISSION

Telephone Interviews SEPT 1980 by P.J. Elms

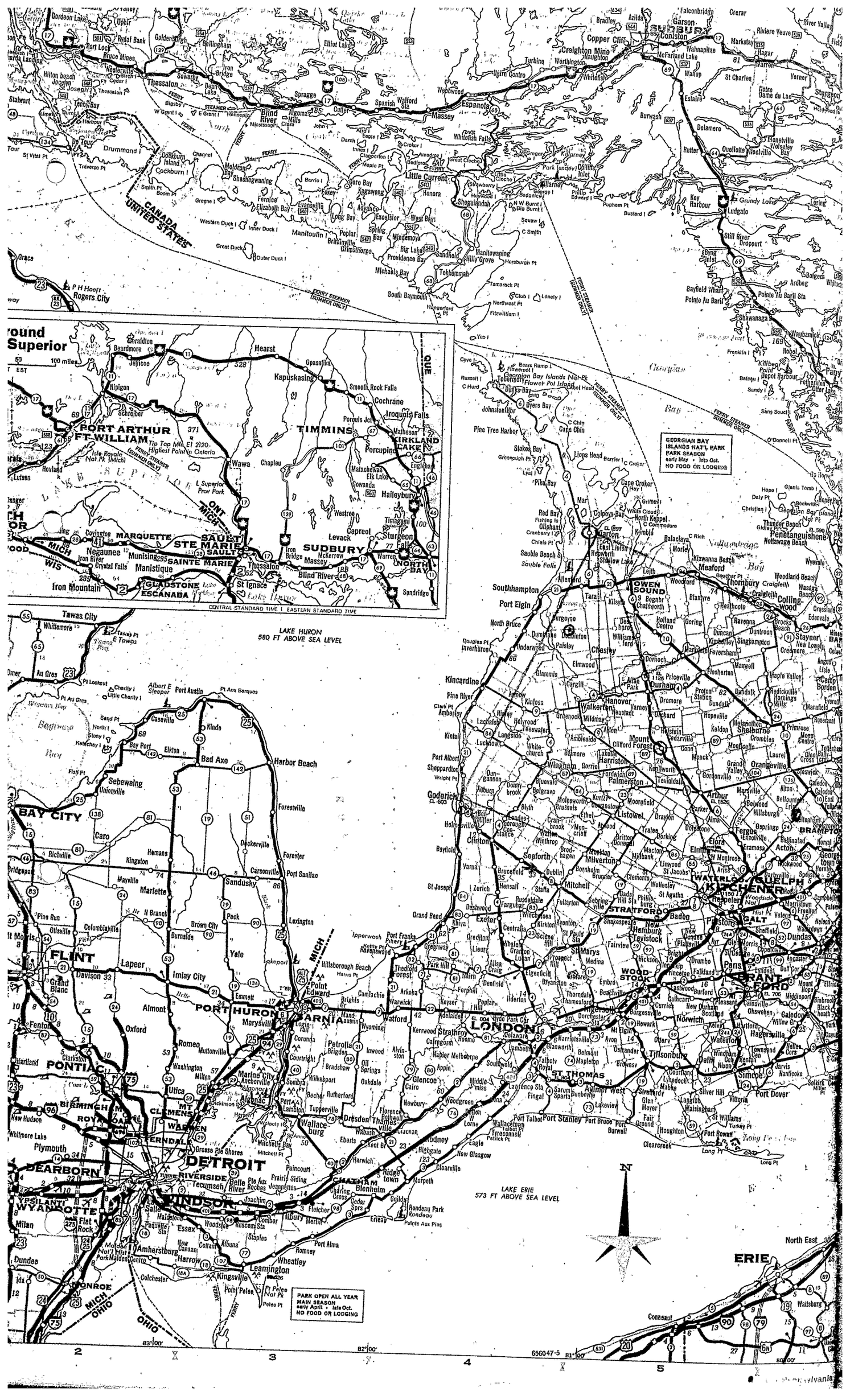
15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.

(a) JIMMY, MY OLDEST BOY, SAW IT COMING AND SAID FOR US TO GET DOWN CELLAR, BUT I SAW THE ROOF GO OFF THE SILO BEFORE I WENT." MR MCLADY SAID. "I NEVER SAW ANYTHING GO SO FAST... THERE'S NO QUESTION IT WAS A TWISTER."

PROVINCIAL POLICE AT SEBRINGVILLE AND STRATFORD CALLED IT A TWISTER OR TORNADO.

BEV TAYLOR, WHOSE FARM IS ABOUT 2 MILES FROM THE DOYLE TRAILER SAID HE SAW THE SKY GROW DARK AND "TWO CLOUDS CAME TOGETHER AND DIPPED TOWARD THE GROUND. THE NEXT THING I KNOW I SAW A BARN COMING DOWN THE ROAD AT ME."

(b) MOBILE HOME CONTAINING 11 PEOPLE MOVED 40 FEET BY THE STORM. 230,000 VOLT HYDRO LINE (5 HYDRO TOWERS) DOWNED. A NUMBER OF BARNS FLATTENED AND SILOS DAMAGED. DAMAGE ESTIMATED AT $30,000 BY ONE FARMER.


Lake Superior
50 100 miles
EST
Hearst
Kapuskasing
Smooth Rock Falls
Cochrane
Iroquois Falls
Opasatika
QUE
Hilipigon
Schreiber
PORT ARTHUR
FT WILLIAM
Tip Top Mtn El 2120
Highest Point in Ontario
Isle Royale Nat Pk (Mich)
TIMMINS
Porquis Jct
Matheson
KIRKLAND LAKE
Porcupine
Wawa
Chapleau
Matachewan
Elk Lake
Englehart
Gowanda
Haileybury
L Superior Prov Park
ONT
MICH
Westree
Capreol
Timagami
Levack
Sturgeon Falls
MARQUETTE
SAULT STE MARIE
SAULT
Negaunee
Munising
Iron River
Crystal Falls
SAINTE MARIE
SUDBURY
McKerrow
Massey
Thessalon
Blind River
Manistique
WARREN
NORTH BAY
Iron Mountain
GLADSTONE
ESCANABA
St Ignace
Sundridge
CENTRAL STANDARD TIME | EASTERN STANDARD TIME
CANADA
UNITED STATES
LAKE HURON
580 FT ABOVE SEA LEVEL
LAKE ERIE
573 FT ABOVE SEA LEVEL
GEORGIAN BAY ISLANDS NAT'L PARK
PARK SEASON
early May - into Oct.
NO FOOD OR LODGING
PARK OPEN ALL YEAR
MAIN SEASON
early April - late Oct.
NO FOOD OR LODGING
FERRY STEAMER (SUMMER ONLY)
SUDBURY
Coniston
Garson
Falconbridge
Copper Cliff
Creighton Mine
Levack
Worthington
Whitefish
Webbwood
Espanola
Massey
Spanish
Walford Sta
Sagamo
Algoma Mills
Blind River
Cutler
Thessalon
Iron Bridge
Dean Lake
Sowerby
Bruce Mines
Port Lock
Gordeon Lake
Uphir
Rydal Bank
Goldenburg
Bellingham
Elliot Lake
Hilton beach
Joeyfin
St Joseph
Thessalon
Nestorville
Cedar I
Stalwart
Tenby Bay
Harbour
Burnt I
Drummond I
De Tour
St Vital Pt
Traverse Pt
Cockburn Island
Cockburn I
Channel
Smith Pt
Boom Pt
Meldrum Bay
Shashegwaning
Fernlee
Elizabeth Bay
Evansville
Vidal
Western Duck I
Inner Duck I
Great Duck
Outer Duck I
Manitoulin
Poplar
Britainville
Grimsthorpe
Spring Bay
Mindemoya
Big Lake
Providence Bay
Michaels Bay
Sandfield
Tehkummah
Manitowaning
Hilly Grove
Horsburgh Pt
Tamarack Pt
South Baymouth
Hungerford Pt
Northeast Pt
Fitzwilliam I
Club I
Lonely I
Yeo I
Cove I
Russell I
C Hurd
Tobermory
Dunks Bay
Dyers Bay
Johnston Hbr
Pine Tree Harbor
Stokes Bay
Greenough Pt
Lyal
Lions Head
Barrier I
C Croker
Cape Chin
Pike Bay
Cape Croker
Hay I
Red Bay
Colpoys Bay
Fishing Is
Oliphant
Cranberry I
Chiefs Pt
Sauble Beach
Sauble Falls
Marl
Grimsl
White Cloud I
North Keppel
C Commodore
Kombo
Balaclava
C Rich
Morley
Hepworth
Shallow Lake
Leith
Meaford
Kiawanna Beach
Boucher Pt
Thornbury
Craigleith
Woodland Beach
Wasaga Beach
Collingwood
Stayner
Creemore
New Lowell
Penetanguishene
Nottawasaga Beach
Thunder Beach
Gidley Pt
Hope I
Giants Tomb I
Daly Pt
Christian I
Beckwith I
Georgian Bay Islands Nat Pk
Honey Harbour
Parry Sound
Depot Harbour
Killbear Point
Fetherston
Sandy I
Batteau
Franklin I
Nobel
Killbear
Sans Souci
Waubamik
Shawanaga
Pointe Au Baril Sta
Pointe Au Baril
Bayfield Wharf
Byng Inlet
Drocourt
Still River
Bolgers
Ardbeg
Grundy Lake
Ludgate
Key Harbour
Popham Pt
Busterd I
Killarney
Phillip Edward I
Collins Inlet
Park (under)
Great Cloche
Little Current
Strawberry
Heywood I
Badgeley I
George I
Shequiandah
N W Burnt I
Big Burnt I
Squaw I
C Smith
Honora
Gore Bay
Kagawong
Meldemoya
Bedford
Amadou I
Maple Pt
Croker I
Darch I
Eagle I
Aird I
Johns I
Mississagi
Cigar I
Whitefish Falls
Espanola
Webbwood
Walford Sta
Spanish
Massey
Sagamo
Algoma Mills
Blind River
Cutler
Sowerby
Iron Bridge
Dean Lake
Thessalon
Bigsby I
W Grant I
E Grant I
Hennepin
Mississagi
Cigar I
Johns I
Aird I
Eagle I
Darch I
Croker I
Innes I
Clapperton
Bedford
Amadou I
Maple Pt
Great Cloche
Little Current
Strawberry
Heywood I
Badgeley I
George I
Shequiandah
N W Burnt I
Big Burnt I
Squaw I
C Smith
Honora
Gore Bay
Kagawong
Meldemoya
Big Lake
Providence Bay
Michaels Bay
Sandfield
Tehkummah
Manitowaning
Hilly Grove
Horsburgh Pt
Tamarack Pt
South Baymouth
Hungerford Pt
Northeast Pt
Fitzwilliam I
Club I
Lonely I
Yeo I
Cove I
Russell I
C Hurd
Tobermory
Dunks Bay
Dyers Bay
Johnston Hbr
Pine Tree Harbor
Stokes Bay
Greenough Pt
Lyal
Lions Head
Barrier I
C Croker
Cape Chin
Pike Bay
Cape Croker
Hay I
Red Bay
Colpoys Bay
Fishing Is
Oliphant
Cranberry I
Chiefs Pt
Sauble Beach
Sauble Falls
Marl
Grimsl
White Cloud I
North Keppel
C Commodore
Kombo
Balaclava
C Rich
Morley
Hepworth
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Meaford
Kiawanna Beach
Boucher Pt
Thornbury
Craigleith
Woodland Beach
Wasaga Beach
Collingwood
Stayner
Creemore
New Lowell
Penetanguishene
Nottawasaga Beach
Thunder Beach
Gidley Pt
Hope I
Giants Tomb I
Daly Pt
Christian I
Beckwith I
Georgian Bay Islands Nat Pk
Honey Harbour
Parry Sound
Depot Harbour
Killbear Point
Fetherston
Sandy I
Batteau
Franklin I
Nobel
Killbear
Sans Souci
Waubamik
Shawanaga
Pointe Au Baril Sta
Pointe Au Baril
Bayfield Wharf
Byng Inlet
Drocourt
Still River
Bolgers
Ardbeg
Grundy Lake
Ludgate
Key Harbour
Popham Pt
Busterd I
Killarney
Phillip Edward I
Collins Inlet
Park (under)

Tornado April 14 1974

Telephone conversation with MRS. MELADY. (519) 345-2783

by P. Elms. on Sept 8 1980. regarding tornado of April 14 1974.

MRS Melady described the sensation of when the tornado passed by her house.

She said that it seemed like the air was trying suck everything out of the house. Her dress clung to her body.

A man, over six feet tall and weighing 220 lbs was briefly carried out of a screen door (after it had opened) and brought back into the house by the force of the tornado.

A window was broken in the house.

A silo roof was taken off.

The barn roof was lifted and then set down again. The nails in the roof were loosened.

Telephone conversation with MRS KEN FLANNAGHAN. (519) 345-2295.

They had driven into the farm, then backed out of the lane onto the concession road. Suddenly the car was swept sideways into the ditch. She thought a tree had fallen at the same time.

Tornado - April 14 1974.

Telephone conversation with Mr JEROME MURRY
LOT 33, CON 6 LOGAN TOWNSHIP. by L. Elsa. Sept 11 196
(519) 345-2347.

Mr Murray said that he thought the funnel was aloft when it passed over his farm. Damage sustained was as follows:

A henhouse roof was taken off
Steps were removed from the house
Door taken off silo roof.
Two trees broken down.

Tornado April 17 1967.

(From Mr Murray.)

The farm of Mr Wolfe about 2 km S.E. of his property, had a small barn taken down.

WORKSHEET

IDTO 0697402

C30

① ORIGIN x 17467200
y 4813200

⑤ Standard Error S_x

C30

② LIFT-OFF x_1 17481100
y_1 4821700

⑥ Standard Error S_y

③ $(x_1 - x)$ = 13900

④ $(y - y_1)$ = 8500

⑦ DAMAGE LENGTH

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

③+④ [→r,θ] = 16293 m

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

[x↔y] = 31°

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

⑤+⑥ [→r,θ] = 42 m C

⑩ $\beta = \frac{\tan^{-1} S_L}{L}$

⑦+⑨ [→r,θ]
[x↔y] = 1°

NE quad $\phi = 90 - \alpha$
NW quad $\phi = 270 + \alpha$
SW quad $\phi = 270 - \alpha$

SE quad $\phi = 90 + \alpha$

⑪ ϕ = 239°

SEVERE STORM INVESTIGATION 20 MILES N.W. OF STRATFORD

A. R. Waymann

A tornado-like storm struck in Hibbert Township of Perth County on Easter Sunday, April 14, 1974. P. E. Carlson, on project assignment to the Toronto Weather Office, accompanied the writer to the affected area on April 17 to investigate this storm.

The southernmost site visited, was a farm 4 miles northwest of Staffa on Perth County Road 16. This farm was located at the northwest corner of the intersection, and damage was noted as follows: a silo roof was removed, some shingles were removed from the west side of the barn roof, and one of two double doors on the east, or downwind, side of the barn had been blown off. Two lightning rods on the barn rooftop were bent from the southeast while a smaller shed had been demolished and blown to the northeast. A lady at the farm said they had been awakened from a nap by the storm and when questioned, stated that hail had followed the damaging wind, though she had paid no attention to the size of the hail. Some tree branches had been broken, but the damage was slight.

Along the Tuckersmith-Hibbert town line in Concessions 7 and 8 minor tree damage, in the form of broken branches was noted. More significant damage in Concession 7 about 1/4 mile east of the town line was found at the farm of P. McIver. Here a tin roof was partially removed from a barn, as well as some cedar shingles being plucked from the roof of a smaller shed, leaving the pattern of the nails behind. From a row of spruces at right angles to the concession road, five trees had been broken off at a height of 6-8 feet. While the majority of these were about 6 inches in diameter, one was about 15 inches through. More spruces paralleled the road, in the fence line, and here a one foot diameter tree was broken off at the 10-12 foot level. A clump of 8 foot high, small diameter tree growth was uprooted in a ploughed field on the north side of the concession road. Mr. McIver had been awakened by a jet-like noise, but the damage had been effected by the time he looked out.

Within one half mile to the southeast along this same road, on the sixth concession side, further tree damage to a row of 18-24 inch diameter Maples attested to the storm passage.

Severe damage was found at the Doyle farm on Concession 5 approximately one mile southeast of the town line. Here two barns had been ruined and a 50 foot house trailer had been moved from its concrete block foundation and apparently rotated, in a clockwise direction, about 30 feet at one end, and about 75 feet at the other - until it came to rest against an apple tree with a 1 foot diameter trunk, which was uprooted. An addition (approximately 8 feet by 8 feet) had been built on to the trailer, but it remained standing in place, though the windows had been broken. Of 11 people in the trailer during the storm, only one required hospitalization.

The upstream barn was not completely destroyed, as the west half of the barn was relatively intact. Straw from this barn was blown toward the trailer and an undamaged drive-in shed, with a fairly well marked southeastern extremity to the path. It was beyond the undamaged shed that the second barn was demolished, parts of the concrete walls having been knocked down as well - though these appeared to be well marked joints along the breaking points. A large section of the 66 foot south-southwest wall was pushed in, whereas the 42 foot east-southeast wall had been pushed out. There was a tendency for the straw strewn from this barn to exhibit cyclonic curvature in its path and one gained the impression that a significant proportion of the straw lay at right angles to the path.

Some tree damage was conspicuous in that branches were broken fairly uniformly across the trees (deciduous) at an upper level. There was also a case of an 18 inch diameter tree being broken off at ground level and carried approximately 150 feet across the concession road. A compass bearing here gave a line of 255 degrees magnetic, though another check elsewhere favoured 240 degrees.

Between the upstream barn and the trailer site, a small piece of barn board about 1 x 1 x 18 inches long had been driven 3 inches into the ground at an acute angle, trapping a small bunch of straw. Downstream of the second barn, a small stick was also found driven into the ground, but it appeared to have been driven in against the general flow or motion of the storm. Three 2 x 6 inch planks were found some 150 yards downstream from the second barn.

It must be noted that clean up operations were in full swing. Wood debris had been, and was being burned, and twisted metal was being trucked away to a dump, so in most cases it was not possible to view the damage as it had been left by the storm.

A third barn was reportedly destroyed at the O'Reilly farm on Concession 3 or 4 on the township road two and one half miles northwest of Perth county road 10.

Also crossing this road in Concession 3 is an Ontario Hydro transmission line. Five 130 foot steel towers were damaged, the two easternmost towers being decapitated just below the bottom conductor level, the middle tower being pushed over right from the footings, the fourth tower, just west of the township road also being decapitated and the fifth tower being pushed all the way down, as with the middle one. The 230KV transmission line carried 6 aluminium conductors of 1-1/4 inch diameter. We saw or heard no evidence of wooden poles from distribution lines having been downed, although at the Doyle farm, for example, there appeared to be splices in the distribution lines themselves.

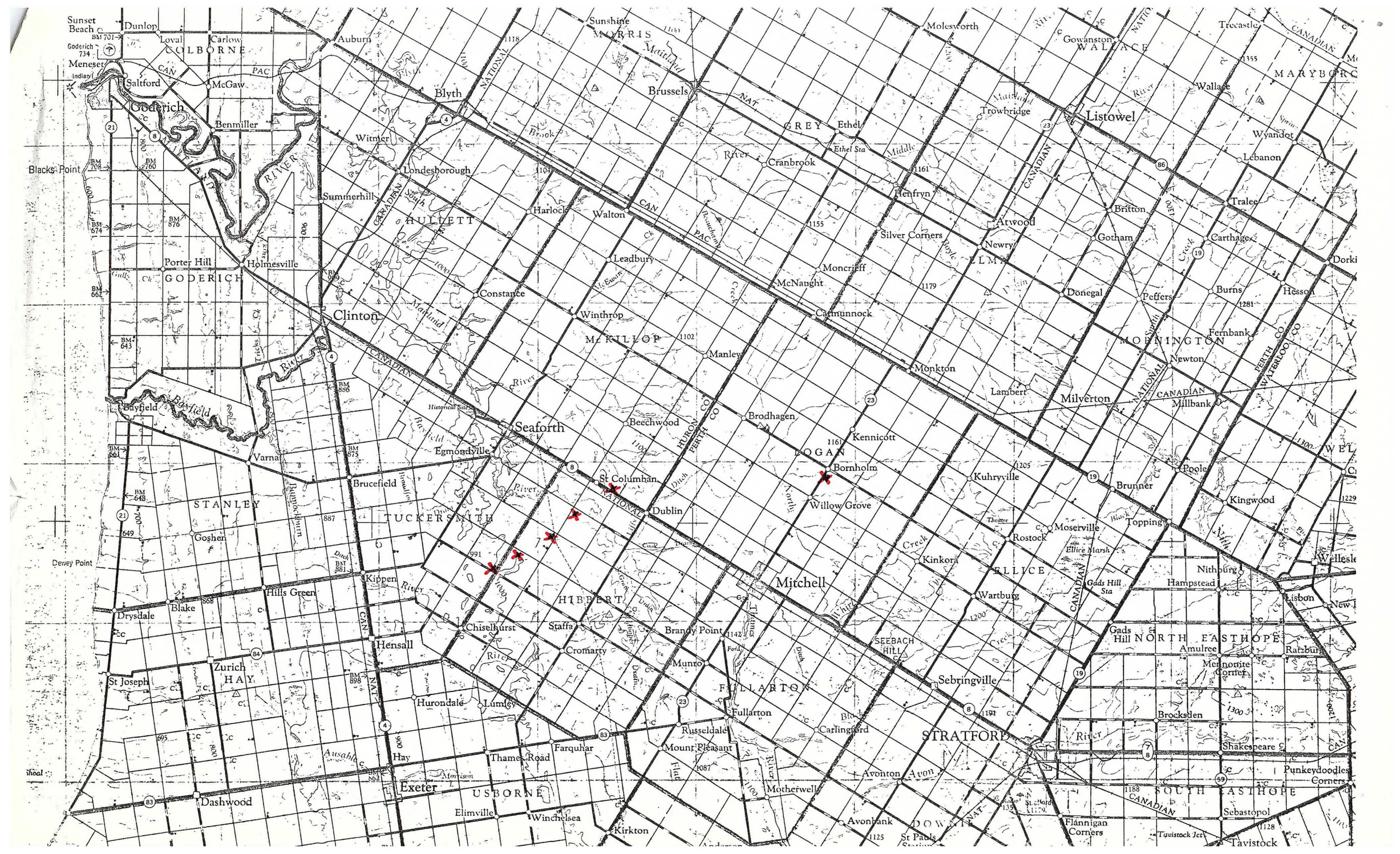
At the house occupying the southeast corner of the first intersection south-southwest of St. Columban, spruce trees lined the driveway in an east-southeast direction. About 8 of these spruces were snapped off near the 12 foot level, while immediately to the south of this line 3 trees of 15-18 inch diameter were uprooted, two of which lay in a northeasterly direction and the third

was at an angle of about 70 degrees to the other two. The house suffered roof damage to the west side as did a verandah roof on the same side. An 18 inch diameter spruce about 10 feet north of the house was broken off at roof top level, presumably having been protected by the house below that level.

A report of silo damage about 1-1/2 miles west of Dublin along highway 8 in Concession I of McKillop township was received, but the site was not visited. There was also a report of roof damage within 1/2 mile south of Bornholm on highway 23, but again this site was not visited.

No eyewitnesses to the storm were encountered during this one day survey. The landscape along the storm path is gently rolling and the Doyle farm and the house about 1-1/2 miles southwest of St. Columban are both located on relatively high ground, with the hydro line on rising ground about 1/4 mile south of the latter site. Some of the evidence found suggested rotational motion, but apparently the storm did not reach the ground surface throughout the length of the path found as a result of this survey.

At the beginning of the survey, the Ontario Provincial Police detachment at Sebringville was visited for preliminary information about the location of storm damage.


Sunset Beach
Dunlop
Loyal
Carlow
COLBORNE
Auburn
Sunshine
MORRIS
Molesworth
Gowanstone
WALLACE
Trecastle
Menesetung
Saltford
McGaw
Goderich
Benmiller
Blyth
Brussels
Trowbridge
Listowel
Wallace
MARYBORO
Witmer
Londesborough
Summerhill
HULLETT
Harlock
Walton
Cranbrook
Ethel
GREY
Henfryn
Silver Corners
Atwood
Britton
Gotham
Tralee
Lebanon
Wyandot
Carthage
Porter Hill
Holmesville
GODERICH
Leadbury
Moncrieff
McNaught
Newry
ELMA
Donegal
Peffers
Burns
Hesson
Dorki
Constance
Winthrop
Clinton
McKILLOP
Manley
Carmunnock
Monkton
Lambert
Milverton
Millbank
Newton
Fernbank
MORNINGTON
Bayfield
Varna
Seaforth
Egmondville
Beechwood
Brodhagen
Kennicott
LOGAN
Bornholm
Kuhryville
Brunner
Poole
Kingwood
Brucefield
St Columban
Dublin
Willow Grove
Goshen
STANLEY
TUCKERSMITH
Moserville
Rostock
Topping
Dewey Point
Kippen
Hills Green
Mitchell
Kinkora
ELLICE
Wartburg
Nithburg
Hampstead
Lisbon
Drysdale
Blake
HIBBERT
Chiselhurst
Staffa
Brandy Point
Cromarty
Munro
Gads Hill
NORTH EASTHOPE
Amulree
Ratzburg
Hensall
Zurich
HAY
St Joseph
SEEBACH HILL
Sebringville
Mennonite Corner
Hurondale
Lumley
FULLARTON
Fullarton
Brocksden
Russeldale
Carlingford
STRATFORD
Shakespeare
Punkeydoodles Corners
Farquhar
Mount Pleasant
Thames Road
Hay
Avonton
Avon
Exeter
USBORNE
Motherwell
SOUTH EASTHOPE
Dashwood
Elimville
Winchelsea
Kirkton
Avonbank
DOWNIE
Flannigan Corners
Sebastopol
Tavistock
Blacks Point
Goderich 734
Meneset
Indian
BM 701
BM 706
BM 760
BM 674
BM 876
BM 662
BM 643
BM 886
BM 661
BM 875
BM 648
BM 649
BM 581
BM 868
BM 898
BM 692
BM 699
Maitland River
Bayfield River
Nine Mile River
Gully Ck
Tricks Ck
Bannockburn
Broadfield
Ausable River
Morrison
Flats
Ford
Ditch
Theatre
Ellice Marsh
Gads Hill Sta
Tavistock Jct
CANADIAN NATIONAL
CAN PAC
HURON CO
PERTH CO
WATERLOO CO
Historical Site

The Beacon Herald

STRATFORD ONTARIO, TUESDAY APRIL 16 / 1974



Precision flying

Looking as if it's balanced on its tail wheel on a trailer post, an Ontario Hydro helicopter eases down to pick up a wooden pole. Over 50 Hydro employees were working along with the helicopter crew yesterday to erect a temporary hydro line around downed towers and lines damaged in Sunday's storm. Hydro officials estimate damage at $250,000. Temporary lines should be up by tomorrow with permanent repairs completed by late next week. (Photo by Randy Moore).

Hydro damage from tornado about $250,000

DUBLIN — There was no time for panic inside the mobile home that was blown 40 feet by Sunday afternoon's storm.

Frank Doyle, of Scarborough, one of the 11 people who were inside the home of his brother, James (Ted) Doyle when the high winds hit, said yesterday, "Nobody screamed; there was no panic . . . it all happened too quickly." He was recuperating from cuts and bruises at his brother Mike's home at RR 2 Staffa.

Only one of those in the mobile home, a sister, Ellen Doyle, of London, required hospitalization. She is reported in satisfactory condition this morning in Seaforth Community Hospital.

The storm, which has also been described as a small tornado, knocked down power lines and several barns in the Dublin area.

Walter Palmer, a spokesman for Ontario Hydro in Clinton, said damage to the five towers wrecked in the storm, as well as to the power lines would be in the neighborhood of $250,000.

He urged residents to continue to conserve energy until crews are able to restore full power sometime tomorrow.

Frank Doyle was one of the first out of his brother's home after the storm, which hit the area at 2:45 p.m., ripped it from its foundations and tossed it against an apple tree.

"I was surprised I could move," he said. "I talked to Ted. He said he was all right but that he couldn't get out."

Ted, the 64-year-old bachelor who owned the home, said he was saved from death when he was thrown under a table.

"I wasn't scared at the time," Frank said. "I was just thinking about getting out alive.

"Kathy (Smith, six-year-old daughter of Mr. and Mrs. Martin Smith, of Detroit) was saying 'Are we all going to die?'" Frank said. Mr. Smith is related to the Doyle family).

Ted, who is also recovering at brother Mike's, said two carloads of Mennonites from Milverton came to his farm on con. 5, 3½ miles west of Dublin, to offer help.

He did not have an estimate of the damage to his two-year-old home or to the two barns which were also destroyed. Nor had he decided whether he would rebuild as yet.

Over 50 Ontario Hydro workmen, with the aid of a Hydro helicopter from Toronto, started repair work yesterday on the mile-long stretch of power line downed about a half mile north of Mr. Doyle's farm.

Five 130-foot towers were left twisted and broken in the wake of the storm, leaving large portions of Perth and Huron counties without power for up to eight hours Sunday afternoon and evening.

Syd Money, an Ontario Hydro project engineer from Toronto, said repairing the line "could take a week anyway. Barring another disaster no more blackouts are expected."

Mr. Money said the workmen, who come from London,

See "b" — Page 3

b

FROM PAGE ONE

Strathroy, Beachville, and Clinton, are building a temporary bypass out of wooden poles, using the helicopter to carry the poles across muddy fields.

The temporary line will carry just one 230,000-volt circuit instead of the former double circuit line, but Mr. Palmer said today the power available would be equal to that supplied prior to the storm.

Mr. Palmer said permanent repairs could start by the weekend, and would probably be complete by the end of next week.

"Behind the scenes work is forging ahead satisfactorily," he said. "We have factories working on tower tops and we've been able to find two complete towers. The materials should be at the site by the weekend."

THE BEACON HERALD, TUE APR 16, 1974



obe and Mail, Dennis Robinson

r

day is Kimberley Horne,
r bonnet award with a
gg hunt on Algonquin
uests from the party.

lans

ermon

l will continue its puni-
raids into southern Leba-

n. Dayan spoke after Is-
units crossed the border
struck at six villages to
ate for an Arab assault
hursday in which 18 Is-
s died. A military spokes-
reported that 20 Leba-
homes had been blown
d 10 suspected collabora-
were seized in the Satur-
aids.

Washington, Mr. Kissin-
discussed with Israeli
assador Simcha Dinitz, a
Syrian plan for the disen-
nent of forces on the Go-
eights.

er yesterday's meeting,
Dinitz said the plan, ac-
anied by a map, "defi-
has room for give and
" No details were re-
d.

told reporters the Syrian
sal, given to Mr. Kissin-
on Saturday, will be
d on to the Israeli Gov-
nt along with the secre-
explanations.

rael's inner conflict
Page 6
Picture on Page 10

cent deposit. A quart of homogenized milk will cost 42 cents and a quart of 2 per cent milk 41 cents.

One dairy company spokesman predicted another price increase is not far away.

"I doubt the present price will last three months," Gerald Ray, president of Borden Co. Ltd., said yesterday.

The dairy industry received a five-cent-a-quart subsidy from the federal Government last October to freeze milk prices for a year. But Mr. Ray said dairy representatives tried to warn the Government in October that prices would have to rise before the year was up.

Frank Warnock, president of Dominion Dairies, said yesterday that increases in packaging and labor costs made the increase necessary for the dairies. He said the price of polyethylene, the product used in making milk jugs, had risen 36 per cent in the past few months. He added that polyfilm, from which milk bags are made, had increased 40 per cent and the cost of cardboard packaging 11 per cent.

Mr. Warnock said the five-cent increase was essential for dairy farmers squeezed by high prices. He said dairy farmers have faced rapid escalation in the costs of labor, feed, gasoline and farm equipment.

The current increase arose out of a meeting several weeks ago between the Milk Marketing Board, representing the dairy farmers, and the Ontario Dairy Council, representing the milk processors.

The increase also follows numerous warnings from George McLaughlin, a Beaverton dairy farmer who is president of the Milk Marketing Board.

Mr. McLaughlin said the federal Government agreed to the elimination of the proposed freeze after costs to dairy producers rose nearly 7.5 per cent between last October and April 1.

Of the increase, 3.4 cents will go to the dairy farmers and 1.6 cents to the retailers and dairies.

Your morning smile

"Do angels actually fly, Mother?"

"Yes, dear."

"Then when will our maid fly? Daddy called her an angel last night."

"Tomorrow, darling, she'll be leaving on a one-way flight!"

Globe & Mail Oct. 15/74

Buildings damaged, power knocked out by severe storm

STRATFORD (CP-Special) — An intense storm system accompanied by high winds knocked out power to a large section of Southwestern Ontario yesterday and caused damage in some centres.

The strong winds blew part of a roof off an apartment building in London, forcing about 100 occupants to find alternative overnight accommodation.

The westerly winds whipped Lake St. Clair into a frenzy and caused extensive shoreline flooding around Mitchell Bay in Kent County and in the Anchor Bay area of Michigan, where 30 to 50 families fled their homes when the lake rose a foot over its banks.

The storm toppled two 150-foot Ontario Hydro transmission towers and knocked three others partly down in a one-mile stretch near Dublin, about 14 miles northwest of Stratford.

Provincial police at Sebringville described it as a "tornado of unknown dimensions." Stratford police said it was a "small twister."

Electrical power was out from 2:45 p.m., when the storm struck, until 9 p.m. for an area west of Stratford to Goderich, including most of Perth and Huron Counties.

Police said several barns, trees and other buildings were blown down, including a mobile home that was torn from its foundation. Eleven people in the home were treated for cuts.

An Ontario Hydro spokesman in London said that although power was restored, consumers would have to cut their use of electricity until the transmission line can be repaired.

He said the knocked-out line carried 230,000 volts, while the alternative line being used to feed the affected area can carry only a 115,000-volt load.

He said if customers do not cut their power use, the substitute system would become overloaded and send the area into another blackout.

The spokesman said work crews today will attempt to string a bypass around the one-mile section of downed transmission towers.

He said it may take several days to rebuild the five towers.

The city of Stratford, popu-

POWER — Page 2

Fireman, se struck by

By GERALD McAULIFFE

A firefighter and a security guard are credited with saving the life of a 12-year-old boy who was struck by lightning yesterday while playing baseball in a North York schoolyard.

David Flemming, son of Mr. and Mrs. Robert Flemming of Brantford, was in satisfactory condition last night in North York General Hospital suffering from burns to his stomach and ankles. He also suffered shock.

The boy was standing on first base in the yard of St. Gerald's Roman Catholic School on Old Sheppard Avenue at Victoria Park Avenue, about 2:30 p.m. when lightning struck him. His three companions were knocked to the ground and dazed but were not otherwise hurt.

The three boys, Mark Pittman, 12, Billie Brown, 11, and Scott Mercer, 12, all friends and neighbors living on Painswick Crescent, eventually stumbled to their feet. They found the Flemming boy still lying on the ground, unconscious, his body vibrating, his clothes burned and ripped.

As Scott Mercer ran to get his father for help, he met Toronto fireman William Allcock running to the boys' aid. Mr. Allcock had been standing on the back veranda of his

leanup starts 30 years later

ng the highway in Yukon

Second class mail registration number 0519

Globe & Mail Apr 15/74

Power blacked out

From Page One

lation 25,000, was expected to have its power restored overnight. Hospitals and similar institutions were able to get by with emergency power supplies.

Near Dublin, 11 people were having a family gathering when the 50-foot mobile home was ripped from its foundation and smashed against a tree.

Ted Doyle said 10 relatives were visiting him, including five children, when the storm hit.

"Four of us were sitting at a table playing cards," Mr. Doyle said. "I looked up and saw the barn go by and we went with it."

The $12,000 mobile home was demolished. None of the occupants was hurt seriously.

In London, winds gusting up to 50 miles an hour also blew three partly constructed townhouses off their foundations in the city's west end.

Provincial police in Chatham said shoreline residents of Mitchell's Bay, 12 miles northwest of Chatham, left their homes because of flooding from Lake St. Clair.

Police said the shoreline was getting "a real pounding" and some of the winterized cottages were surrounded by two feet of water.

About 55 families live in the community.

Weather office officials were reluctant to call yesterday's storm a tornado, although rural residents in Perth County near Stratford said they saw clouds that appeared to be a twister.

Bev Taylor, whose farm is about two miles from the Doyle trailer, said he saw the sky grow dark and "two clouds came together and dipped toward the ground.

"The next thing I know I saw a barn coming down the road at me."

Several barns in the immediate area were flattened.

The area where the storm hit is about 120 miles northeast of Windsor, where a tornado killed eight people in a curling rink on April 3.

Before the storm descended, a tornado warning was issued by the U.S. weather bureau yesterday morning for parts of Michigan state about 100 miles from here. Later, this was withdrawn.

Heavy thunderstorms soaked Toronto for two hours yesterday afternoon, causing minor hydro damage and a traffic tieup on Highway 400 during the homegoing rush after the Easter weekend.

Early in the afternoon, a tractor-trailer skidded on the wet surface of Highway 400 near the King City side road and jackknifed on to the shoulder.

At the beginning of the storm, flooding caused a slowdown on Highway 401 near the Humber Bridge but generally roads stayed in good condition.

"The only problem with the roads was the drivers," an Ontario Department of Highways spokesman said. "If only they would slow down. You can't drive at 70 miles an hour when you can't see."

The Ontario Motor League said there was no unusual increase in breakdowns except on the Don Valley Parkway during the initial cloudburst when several cars stalled in the driving rain.

East York Hydro reported that lightning struck a feeder wire in the Leaside area, blacking out 14 streets for just over two hours.

In North York, lightning struck an overhead wire, cutting off power in seven homes around Jane Street and Wilson Avenue. Power was restored within half an hour.

Metro police said there were no unusual traffic problems as traffic was very light. About 12 traffic lights went out because of the rain. All were repaired quickly.

Air Canada reported no major delays at Toronto International Airport. One inbound flight was cancelled because of fog and traffic control delays in New York.

The line of thunderstorms took about two hours to pass eastward through the Toronto area. By the time they had reached the Trenton-Belleville region they had considerably reduced in intensity, the weather office reported.

At the peak of the storms, winds gusted up to 60 miles per hour in Hamilton and in Toronto wind speeds remained around 35 to 40 miles per hour.

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