(PE. NOV 11 80)

b TORNADO PROJECT SUMMARY SHEET F=0 ONT

AUG.

1. DATE AND TIME 16 · 8 · 1969 1600 EDT

2. LOCATION OR PATH (attach map)
DEEP RIVER 06969-23

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

4. PATH WIDTH 40 FEET 5. TORNADO PART OF SQUALL LINE? ☐ YES; ☐ NO; ☑ UNKNOWN:

6. ANY UNUSUAL COLORATION? ☐ YES; ☐ NO; ☑ UNKNOWN

7. ANY UNUSUAL SOUNDS? ☐ 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

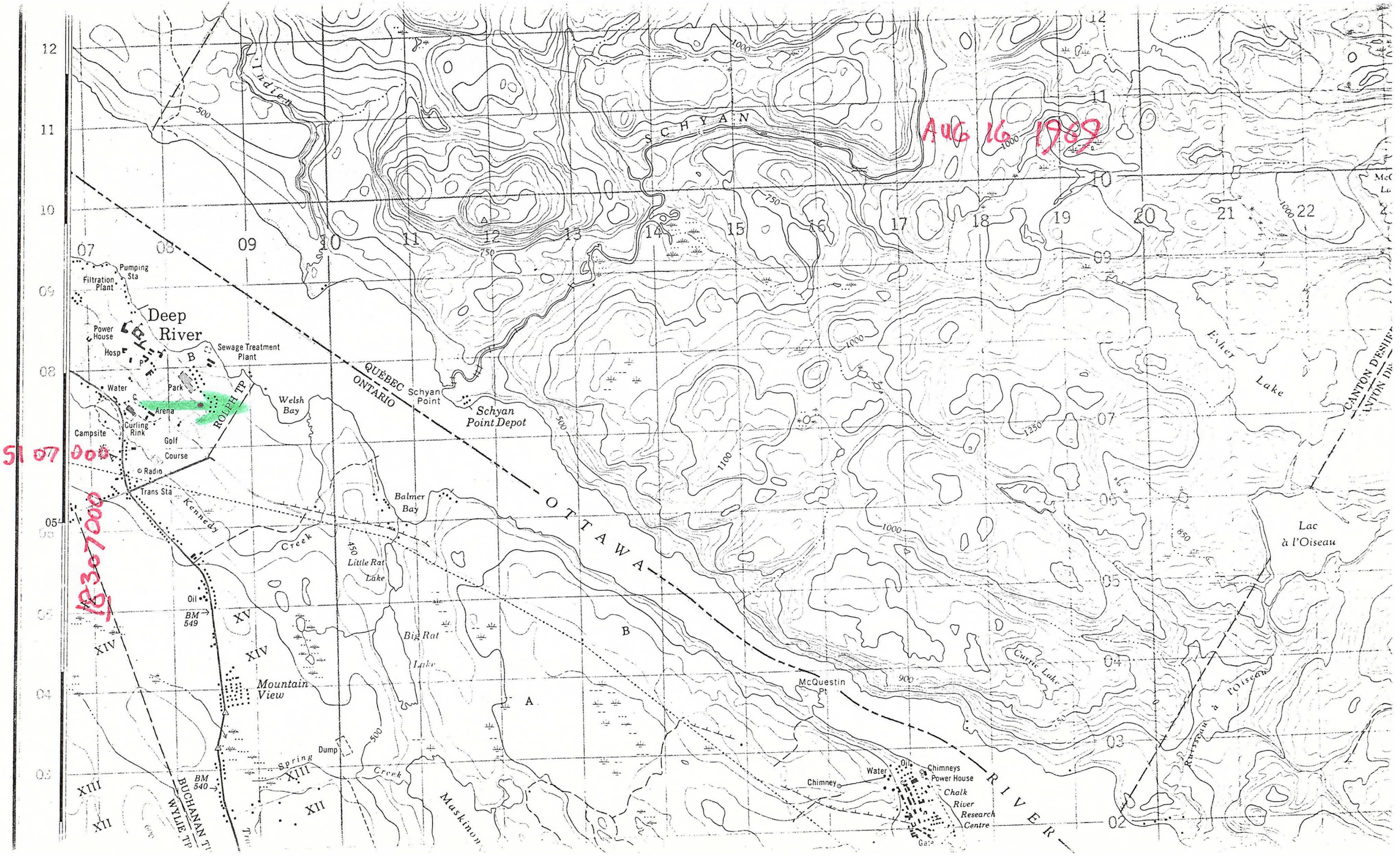
14. LIST ALL REFERENCES

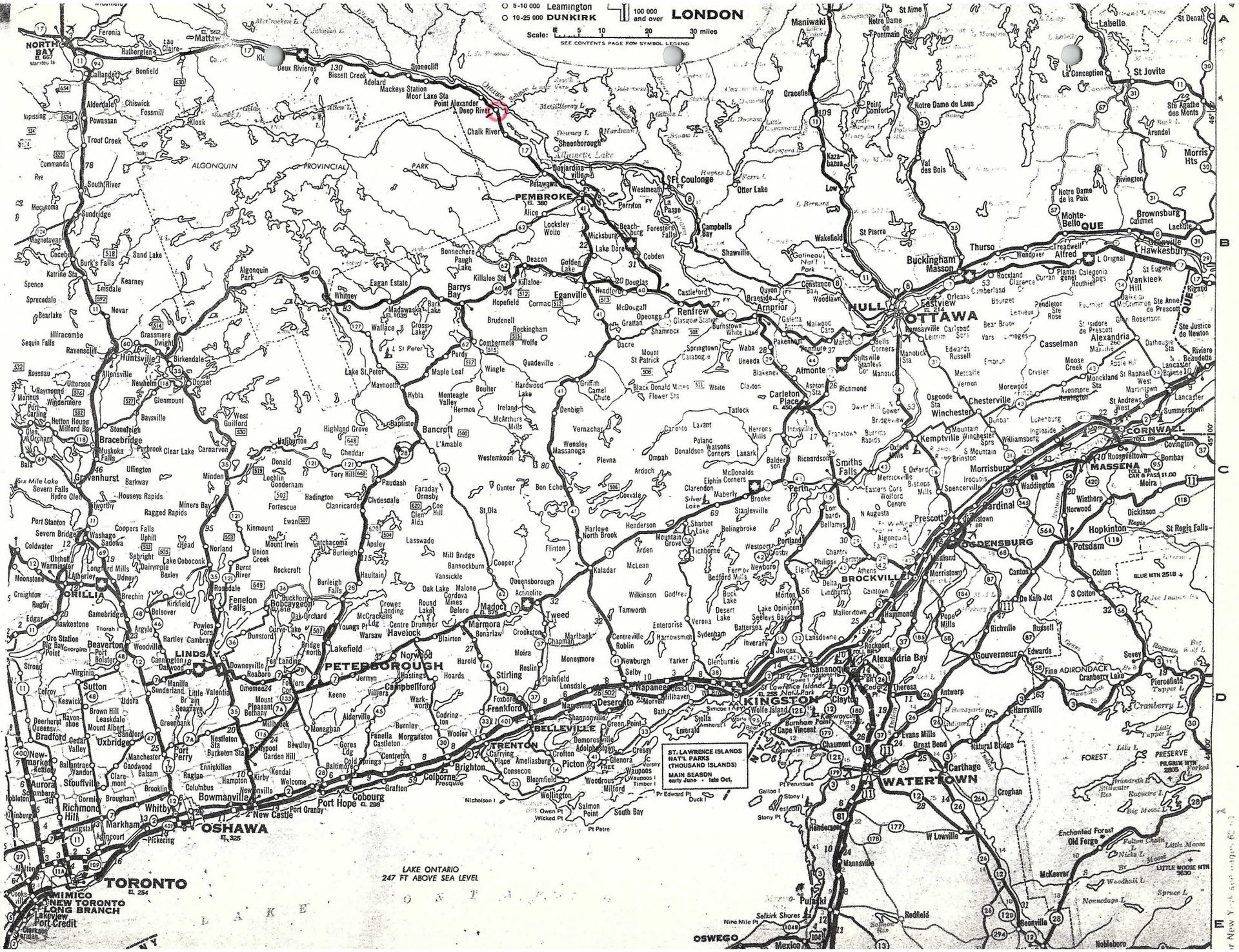
THE NORTH RENFREW TIMES 20 · 8 · 1969
PERSONAL COMMUNICATION WITH EYEWITNESS MRS ASTILL (613) 584-2745.

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

(a) NO REMARKS

(b) "IN ABOUT 20 SECONDS OF WINDS ESTIMATED AT HURRICANE FORCE, TWO DISTINCT SWATHS WERE CUT THROUGH THE TREES. ONE SQUALL ENDED ITS PATH OF DAMAGE BY NEATLY FELLING A LARGE FIR TREE BETWEEN TWO HOUSES." THE SECOND SQUALL PASSED BEHIND (THE HOUSES ON DARWIN CR) WRECKED THE CHUCK WAGON THAT HAS BEEN A UNIQUE FEATURE OF MANY EVENTS IN DEEP RIVER... AND THEN LEFT A SPECTACULAR TRACK OF FELLED TREES EXTENDING OFF INTO THE BUSH. ELSEWHERE TWO BOATS BLOWN OFF TRAILERS AND MOORED SAILBOATS WERE CAPSIZED.


Deep River
Pumping Sta
Filtration Plant
Power House
Hospital
Sewage Treatment Plant
Water
Park
Arena
Curling Rink
Campsite
Golf Course
Radio
Trans Sta
ROLPH TP
QUÉBEC
ONTARIO
Welsh Bay
Schyan Point
Schyan Point Depot
Balmer Bay
Kennedys Creek
Little Rat Lake
Big Rat Lake
Mountain View
Oil
BM 549
BM 540
Dump
Spring Creek
BUCHANAN TP
WYLIE TP
Maskinonge
SCHYAN
Indian
OTTAWA RIVER
McQuestin Pt
Water
Chimney
Oil
Chimneys
Power House
Chalk River Research Centre
Gate
Esher Lake
Lac à l'Oiseau
Currie Lake
CANTON DESHIE
LAYTON DE
Aug 16 1989
51 07 000
183 7000


5-10 000 Leamington
10-25 000 DUNKIRK
100 000 and over LONDON
Scale: 5 10 20 30 miles
SEE CONTENTS PAGE FOR SYMBOL LEGEND
NORTH BAY
PEMBROKE
ALGONQUIN PROVINCIAL PARK
OTTAWA
HULL
BUCKINGHAM MASSON
MONTE-BELLO QUE
HAWKESBURY
CORNWALL
MASSENA
ROOSEVELTOWN
CARDINAL
PRESCOTT
OGDENSBURG
BROCKVILLE
MORRISTOWN
ALEXANDRIA BAY
GANANOQUE
KINGSTON
WOLFE ISLAND
BELLEVILLE
TRENTON
NAPANEE
DESERONTO
PETERBOROUGH
LINDSAY
ORILLIA
BRACEBRIDGE
HUNTSVILLE
BARRYS BAY
RENFREW
ARNPRIOR
CARLETON PLACE
SMITHS FALLS
PERTH
ALMONTE
EASTVIEW
CASSELMAN
ALEXANDRIA
WINCHESTER
KEMPTVILLE
CHESTERVILLE
MORRISBURG
WATERTOWN
CARTHAGE
CROGHAN
NATURAL BRIDGE
HARRISVILLE
GOUVERNEUR
CANTON
POTSDAM
MASSENA
ST. LAWRENCE ISLANDS NAT'L PARKS (THOUSAND ISLANDS) MAIN SEASON early June - late Oct.
LAKE ONTARIO
247 FT ABOVE SEA LEVEL
TORONTO
OSHAWA
PORT HOPE
COBOURG
BOWMANVILLE
WHITBY
AJAX
PICKERING
MARKHAM
RICHMOND HILL
AURORA
NEWMARKET
STOUFFVILLE
UXBRIDGE
BRADFORD
PORT PERRY
BEAVERTON
SUTTON
ALGONQUIN PARK
KILLALOE
MADAWASKA
WHITNEY
BARRYS BAY
EGANVILLE
DEEP RIVER
CHALK RIVER
PETAWAWA
LAKE DORE
COBDEN
SHAWVILLE
WAKEFIELD
OTTER LAKE
LA PASSE
CAMPBELLS BAY
ST. COULONGE
LOW
VAL DES BOIS
NOTRE DAME DU LAUS
POINT COMFORT
GRACEFIELD
MANIWAKI
NOTRE DAME DE PONTMAIN
LABELLE
ST. JOVITE
STE. AGATHE DES MONTS
MORRIS HTS
RIVINGTON
NOTRE DAME DE LA PAIX
BROWNSBURG
LACHUTE
ARUNDEL
LA CONCEPTION
ST. DENAL
ST. AIME
ST. EUGENE
VANKLEEK HILL
RIGAUD
ST. ANNE DE PRESCOTT
STE. JUSTICE DE NEWTON
RIVIERE BEAUDETTE
ST. ISIDORE DE PRESCOTT
GLEN ROBERTSON
DALHOUSIE STA
LANCASTER
SUMMERSTOWN
MOIRA
BOMBAY
DICKINSON
WINTHROP
NORWOOD
HOPKINTON
ST. REGIS FALLS
COLTON
S COTTON
DE KALB JCT
RICHVILLE
EDWARDS
GOUVERNEUR
FINE
ADIRONDACK
CRANBERRY LAKE
PIERCEFIELD
HARRISVILLE
ANTWERP
THERESA
CLAYTON
CAPE VINCENT
CHAUMONT
EVANS MILLS
GREAT BEND
NATURAL BRIDGE
CARTHAGE
WATERTOWN
CROGHAN
W LOWVILLE
MANNSVILLE
PULASKI
REDFIELD
BEAVERVILLE
NOBLEBORO
OSWEGO
MEXICO
SALTAIR SHORES
NINE MILE PT
ENCHANTED FOREST
OLD FORGE
MCKEEVER
LITTLE MOOSE MTN 3630
BLUE MTN 2518
PELGRIM MTN 2805
FOREST PRESERVE
LAKE ONTARIO

Ontario Hydro Press Clipping Service

Paper The North Renfrew Times

Date AUG 20 1969

Source Eastern Region

Clipping ... 715-5

Storm AUG 21 1969

4pm SAT AUG 16 1969

E

Storm plays havoc with hydro equipment

A violent storm accompanied by incredibly strong winds hit Deep River between four and five o'clock on Saturday afternoon and damaged equipment belonging to the Deep River Hydro Electric Commission. Hydro Superintendent R. E. Spence said that the full extent of the damage is not yet known and it may be a week before everything is finally cleaned up.

Mr. Spence said that the full force of the storm struck the east side of town which was more severely affected than the west. There has been no time to count the trees that have been uprooted but there may be as many as one hundred. Mr. Spence emphasised that these were not rotten trees but good healthy growing specimens and in some cases large sections of lawn were uprooted along with them.

Fire Department Out

In three separate locations hydro main lines were severed by falling trees and it was necessary to cut off the power. Power cuts lasted anywhere up to three and a half hours. The Fire Department was called out when wires burned after the branches of a big tree fell across the line in the rear of 51 Hillcrest, cutting the main line in two so that it had to be spliced. Fire Captain Fowler said that there was in fact nothing for the firemen to do but wait for the hydro men to cut off the power. The use of fire fighting equipment on high voltage wires while standing in torrents of rain would have been asking for trouble.

Lightning Struck Too

The main line was also cut on Silvie Street and at the rear of 3 Lower Algonquin Street. The Fire Department was also called to these locations. Subsidiary lines were affected in four other locations. There were three direct strikes by lightning Mr. Spence said.

The rural circuits were also affected and the main line was cut behind the Texaco Station on Highway 17 causing further damage to the Commission's equipment. Mr. Spence had nine men out helping to deal with the emergency - all he could get. They were busy again most of Sunday and will be engaged on the cleanup most of the week. No estimate of the monetary value of the damage is possible at this stage.

East End Badly Hit

A resident reports that severe local devastation whipped through the area around Rabbit Rock at the end of Hillcrest. In about 20 seconds of winds estimated at hurricane force, two distinct swaths were cut through the trees. One swept across the top of Rabbit Rock removing all three large trees growing on the top of the rock and felling more than 20 others on this island of Town parkland. This squall ended its path of damage by neatly felling a large fir tree between two houses. The second squall passed just behind the houses on the Southeast side of Darwin Crescent, wrecked the chuck wagon that has been a unique feature of many events in Deep River which was parked in Mr. C. Astill's garden, and then left a spectacular track of felled trees extending off into the bush.

The storm also caused some havoc around the Federal Pier. Two boats were blown off trailers on the pier and suffered some hull damage and several sailboats moored, and with bare poles, were capsized.

Wind Strength Estimated

Dr. P. J. Barry, meteorologist of the Environmental Research Branch at CRNL examined his instruments on Monday and found that two inches of rain fell in fifty minutes in the Perch Lake area at the height of the storm. The wind gauge in the same area indicated a highest gust at thirty feet of 30 miles per hour. At the Plant, at a height of 300 feet, the highest gust was 38 miles per hour.

Dr. Barry explained that a "fresh gale" of Force 8 on the Beaufort Scale is defined as breaking twigs off trees. Force 8 is from 39 to 46 miles per hour. Force 9, a "strong gale" is defined as causing damage to structures and varies from 47 to 54 miles per hour.

Dr. Barry doesn't think there was any such damage in Deep River. His impression was that the trees which came down were either in poor condition or were shallowly rooted and he is confident that in Deep River the strength of the wind didn't exceed 40 to 45 miles per hour which would agree very well with observations made at the Plant.

584-2745.

SPOKE TO MRS ASTILL WHO WAS WATCHING STORM FROM HER WINDOW. SHE SAW TREES GOING DOWN BUT DIDNT HEAR ANY UNUSUAL NOISE. SHE ESTIMATES WIDTH OF DAMAGE AS ABOUT "WIDTH OF AN ORDINARY HOUSE"

DIDNT KNOW LENGTH OF TRACK.

R.E. SPENCE, HOME 584-3649

WORK 584-4142.

MRS. ASTILL (613) 584-2745.

Darwin Crescent.
Rabbit Rock

Phoned by P.E. Nov 17/80. for Location of damage path. Direction was about from W to E.

(2)

Collingwood Enterprise-Bulletin, Ont.
Circ. 4,323
August 21, 1969

4:30 pm SAT AUG 16 1969

Collingwood Experienced Flood Conditions

1055

Many Collingwood citizens spent Sunday pumping out cellars following a deluge of cloudburst proportions that saw at least three inches of rain fall on the district in less than an hour late Saturday afternoon.

The storm reached it's highest between 4:30 and five-thirty p.m. when the sudden downpour almost stopped traffic and sent about a foot of water rolling down Hurontario Street threatening a number of business houses.

The most serious situation developed at the Collingwood Sewage disposal plant when water filled the eight-foot deep cellar and completely covered the pumps. The water came within six inches of reaching the main motors but emergency pumps kept it from rising further until the rain suddenly came to a halt. If the water had reached the main 550 motor the sewage disposal operation would have been seriously affected.

The emergency storm drain in front of the Collingwood Shipyards was unable to take the overflow and the water formed a minature lake around the C.N.R. depot for an area taking in several blocks, and bubbled up through the manholes there and at other locations.

The north west end of the Collingwood Community Park, including the ball diamond and the soccer pitch, was completely inundated for several hours.

Firemen answered a call to the Dorchester Hotel when smoke was seen emerging from the cellar. It turned out that excess water had reached the electric motors and started them smoking. There was no fire damage.

The police office switchboard was jammed with emergency calls and police officers had to wear hip rubber boots to reach the parked police cruisers in front of the office. One woman reported that her neighbour's dog was drowning on the front lawn. It turned out that the dog, a huge St. Bernard, was enjoying a bath in about a foot deep pool.

Police said no accidents were reported during the hour-long deluge.

There is no estimate of the water damage but it is expected to be fairly heavy.