NEWSPAPER PHOTOCOPY PICTURE. (PE. NOV. 17/80)

B

TORNADO PROJECT SUMMARY SHEET

F = 1 ONT

1. DATE AND TIME NIGHT THURS AUG 7 1969

2. LOCATION OF PATH (attach map) LAKE TEMAGAMI, ACROSS THE CENTRE OF THE LAKE IN A NORTHERLY COURSE

06969-2

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

4. PATH WIDTH [500YDS] 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.) SEVERE WINDS AND A PROLONGED DOWNPOUR

10. TOTAL DAMAGE ESTIMATE $200,000+ 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS

14. LIST ALL REFERENCES TEMISKAMING SPEAKER, NEW LISKEARD AUG 21 1969

N.B.C. MOCCASIN TELEGRAPH, JAN 1970

NORTH BAY NUGGET, AUG 9, 1970

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

NO FUNNEL OBSERVED

6 ISLANDS IN THE CENTRE OF LAKE TEMAGAMI WERE SWEPT BY "EXTREMELY HIGH WINDS" AND EXTENDED DOWNPOUR WHICH CUT A SWATH 500YDS WIDE AND 4 MILES LONG.

A STEEL FIRE TOWER OF THE ONT DEPT LANDS AND FORESTS TOPPLED OVER ON BEAR ISLAND.

A COTTAGE OR SUMMER HOME WAS DESTROYED ON EACH OF 5 ISLANDS, AND A 2ND DAMAGED ON THE 5TH ISLAND.

BEAR ISLAND WAS PRACTICALLY STRIPPED OF A STAND OF 150YR OLD WHITE AND RED PINE. ONE BUILDING WAS LIFTED FROM ITS FOUNDATION AND TOSSED 100' INTO THE BUSH

THE FORESTRY BRANCH ESTIMATES THAT 250,000' OF MERCHANTABLE TIMBER WAS DOWNED BY THE WIND.

~~4 PP~~

41 116

WORKSHEET

IDTO 0696922

(1) ORIGIN x 17569150
y 5202950

(5) Standard Error S_x 50C

(2) LIFT-OFF x_1 17574400
y_1 5205200

(6) Standard Error S_y 500C

(3) $(x_1 - x)$ = 5250

(4) $(y - y_1)$ = 2250

(7) DAMAGE LENGTH

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

(3)+(4) $\boxed{\rightarrow r,\theta}$ = .5712 m

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

$\boxed{x \leftrightarrow y}$ = 23°

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

(5)+(6) $\boxed{\rightarrow r,\theta}$ = 502 C

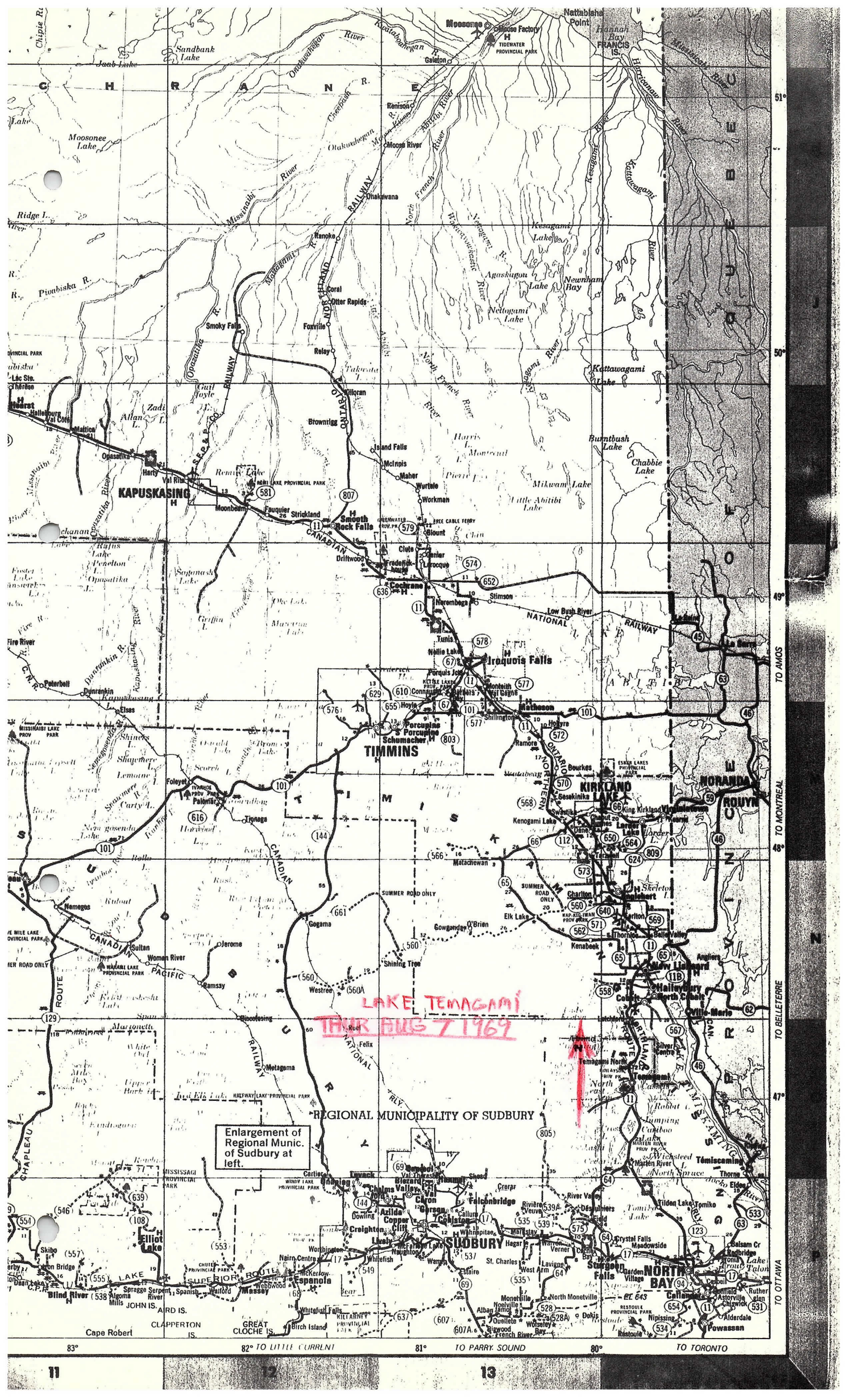
(10) $\beta = \dfrac{\tan^{-1} S_L}{L}$

(7)+(9) $\boxed{\rightarrow r,\theta}$
$\boxed{x \leftrightarrow y}$ = 5°

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

SE quad $\phi = 90 + \alpha$

(11) ϕ = 247°


CHRANNE
Moosonee
Moosonee Lake
Sandbank Lake
Jacob Lake
Ridge L.
Chipie R.
Onakawana
Renison
Moose River
Moose Factory
TIDEWATER PROVINCIAL PARK
Galeton
Nattabisha Point
Hannah Bay
FRANCIS IS.
Kesagami Lake
Agaskagon Lake
Newnham Bay
Nettogami Lake
Kattawagami Lake
Burntbush Lake
Chabbie Lake
Milkwam Lake
Little Abitibi Lake
Harris L.
Montcaud L.
Pierre L.
Remi Lake
Gull Joyle
Zadi L.
Allan L.
Rufus Lake
Penellton L.
Opasatika L.
Saganash Lake
Ore Lake
Griffin L.
Marcoux Lake
Foster Lake
Answorth L.
Fire R.
Fire River
Lac Ste. Therese
Hearst
Hallebourg
Val Cote
Mattice
Opasatika
Harty
Val Rita
KAPUSKASING
REMI LAKE PROVINCIAL PARK
Moonbeam
Fauquier
Strickland
Smooth Rock Falls
GREENWATER PROV. PK
FREE CABLE FERRY
Blount
Clute
Senior
Frederic-Issey
Lerocque
Driftwood
Cochrane
Nerembega
Stimson
Low Bush River
Tunis
Nellie Lake
Iroquois Falls
Porquis Jct.
KETTLE LAKES PROV. PARK
Connaught
Archers
Montcalm
Val Gagné
Hoyle
Matheson
Shillington
Hoyre
Ramore
Porcupine
Schumacher
TIMMINS
Paterbell
Dunrankin
Elsas
Kapuskasing R.
Shiners L.
Shaywenee L.
Lemoine L.
Scorch L.
Carty L.
Foleyet
IVANHOE PROV. PARK
Palmiter
Tionega
Rollo L.
Rollo
Kukabi
Namegos
Gogama
Jerome
Sultan
Women River
WABABIK LAKE PROVINCIAL PARK
Ramsay
Westree
Shining Tree
SUMMER ROAD ONLY
Gowganda
O'Brien
Elk Lake
Matachewan
Charlton
Skeleton
Kenabeek
Thornloe
Belle Valley
Englehart
Earlton
Cobalt
New Liskeard
Angliers
Haileybury
North Cobalt
Ville-Marie
Temagami
Temagami North
Silver Centre
Lumping Caribou
Marten River
Wicksteed
Témiscaming
North Spruce
Thorne
Elder
Tomiko
Tilden Lake
Meadowside
Crystal Falls
Balsam Cr
Redbridge
Tomila
Lake Trout
Talon
Ruther glen
Cassells
Nipissing
Alderdale
Powassan
Restoule
Restoule PROVINCIAL PARK
Lake Nipissing
Callander
Corbell
Bonfield
Astorville
Chiswick
Garden Village
Sturgeon Falls
NORTH BAY
Lavigne
Verner
Cache Bay
Hagar
St. Charles
West Arm
Warren
Lake Temagami
Marlatray
Whitefish
Naughton
Lively
Creighton
Azilda
Copper Cliff
Falconbridge
Val Caron
Garson
Coniston
Callum
Whitespitae
Dowling
Chelmsford
Val Therese
Blezard Valley
Hanmer
Shoed
Crerar
Rivière Veuve
River Valley
Des Joachims
Tidd
Cartier
Lavack
Wanapitei
Nairn Centre
Webbwood
Espanola
McKerrow
Massey
Spragge
Serpent River
Spanish
Walford
Algoma Mills
Blind River
Iron Bridge
Skibo
Elliot Lake
Dean Lake
Bay
Nairn
Whitefish Falls
Birch Island
Cape Robert
JOHN IS.
ARD IS.
CLAPPERTON IS.
GREAT CLOCHE IS.
KILLARNEY PROVINCIAL PARK
CHUTES PROVINCIAL PARK
WINDY LAKE PROVINCIAL PARK
MISSISSAGI PROVINCIAL PARK
HALFWAY LAKE PROVINCIAL PARK
WANAPITEI PROV. PK.
MARTEN RIVER PROV. PK.
Monetville
Noelville
Alban
Lamothe
Ouellette
Biscotasing
Ruel
Felix
Metagama
Mattagami R.
Missinaibi River
Abitibi River
Moose River
Kesagami River
Harricanaw River
Montreal River
Kattawagami River
Otokwadegan River
Onakawana
Renison
Ranoke
Coral
Otter Rapids
Foxville
Smoky Falls
Relay
Opazatika R.
Island Falls
McInnis
Maher
Wurtele
Workman
Brownlee
Oliloran
Takwaka L.
Takwaka
Kesagami R.
Waskaiowaka River
Nettogami R.
Agaskagon R.
Kesagami

EDITION 3

17575000 41-I/16

525000

Military users, refer to this map as: Reference de cette carte pour usage militaire:

Aug. 7 1969

1059

1009

1022

1058

996

963

BEAR ISLAND INDIAN RESERVE 1

BEAR ISLAND

TEMAGAMI ISLAND

LAKE TEMAGAMI

Redbark L.

Herbert Lake

JOAN TP

PHYLLIS TP

Longbow Lake

Wabun Lodge

Garden Island

Wabun Point

Mule Bay

Kakoko Bay

Loon Bay

Spawning Bay

Fridays

JOAN TP

BRIGGS TP

Camp Kel-Chun-Eny

Alexander Island

Wharves

Bear Island

Moore Island

Temagami Lodge

Wharf

Adanac

Matagama Point

Arm

Northeast

White Gables Camp

Loon Lodge

Camp Manito

Camp Can-Usa

Turner Island

Wingfoot Island

Pinto Camp

Ogama Island

Mine

Dyke

Tailings

Pipeline (Tailings)

Cattle Island

Wabi-Kon

Denedus Point

Shimmywood Island

Denedus Island

Narrows Island

Dean Lake

Camp Chimo

Camp Wigwasati

Smoothrock Island

Skunk Lake

HIGH ROCK ISLAND

Cross Bay

Feet

1000 Pieds

THURS AUG 7 1969

Assess storm damage in Lake Temagami area

J-1055

By ISABEL LeDUC
Nugget Correspondent

TEMAGAMI—Six islands in the centre of Lake Temagami were swept into chaos Thursday night as a severe storm demolished homes and boathouses and felled trees.

Extremely high winds and an extended downpour swept across the centre of the lake, striking Bear Island first and moving on to five smaller islands.

A steel fire tower belonging to the Ontario Department of Lands and Forests toppled over on Bear Island as a result of the strong wind. It was 1,000 feet in height.

No injuries were recorded in the storm. It proceeded from Bear Island in a northerly direction towards Spawning Bay near Friday's Point.

At Island 1,009, the summer home belonging to Mrs. Margaret Peck was completely destroyed. The boathouse and boats were demolished as well. Damage is estimated conservatively at $50,000.

The home of Walter Adelard of Pennsylvania on Island 1,059 was levelled, as well as his boathouse and boats, and damage is estimated at $30,000.

On Island 896, the cottage belonging to A. W. Nicholls of Oakville, Ont., was destroyed, before the storm moved on to Island 1,058 where another cottage formerly owned by the late Leon Murr of Buffalo was ripped apart by the freak wind storm. The cottage had just been purchased by Mr. Richmond. Damages there are quoted at $60,000.

As the storm cut the last of its swath through the islands, it toppled a small cottage belonging to Wendal Cook into the lake from Island 1,022. Five large pine trees were dumped on top of a larger home near the spot where the cottage stood. Damage was extensive there as well.

(Continued on Page 3)

North Bay Nugget, Ontario
Circ. 17,942
August 9, 1969

Storm

(Continued from Page One)

The storm did not touch the eastern portion of Bear Island, which is the more heavily populated area. Lands and Forests buildings and a Hudson's Bay post were untouched by the strong winds.

A Lands and Forests plane flew over the area Friday to assess damage to the timber on the islands, but as yet no figures are available.

Damage will be in excess of $200,000 when full details of the wreckage is known. No one was injured as the storm found its way through a path crossing the six islands.

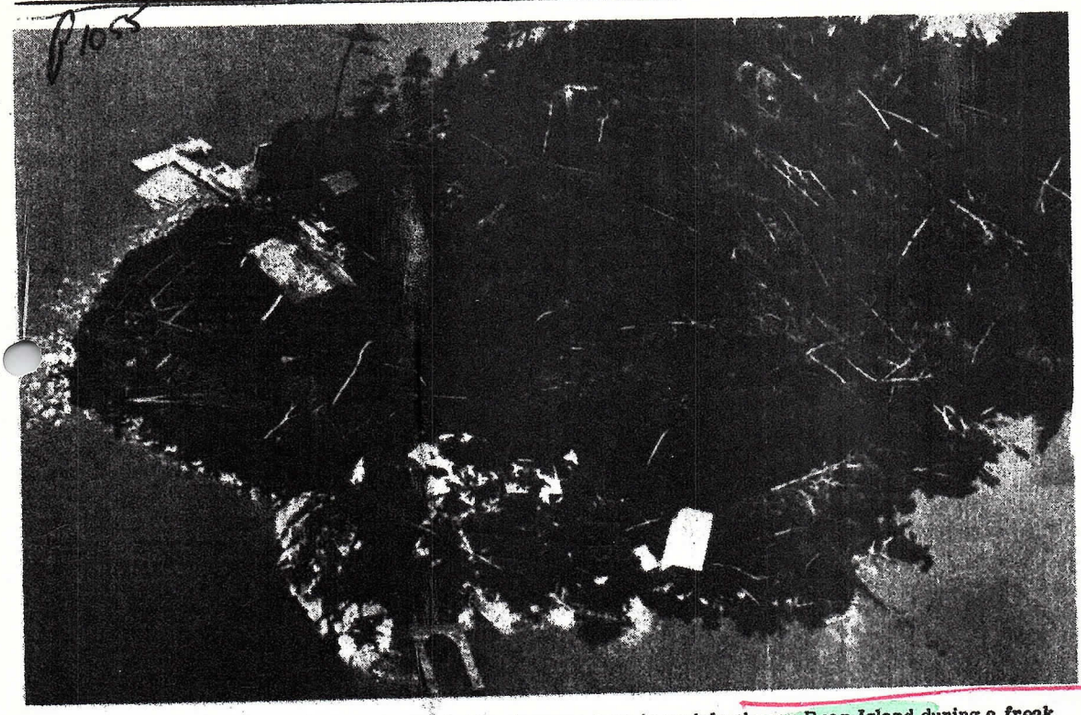
The area hit by the storm is near the Copperfield Mine on Temagami Island. Lands and Forests are investigating the surprise storm with the help of Temagami detachment OPP.

Temiskaming Speaker
New Liskeard, Ont.
Circ. 5,242
August 28, 1969

- AUG .. 1969

LAST WEEK

Pics



1009?

This aerial photo shows some of the damage done to an island near Bear Island during a freak windstorm last week. The wind, reaching almost tornado velocity, cut a swath 500 yards wide, and four miles long over Bear Island and wrecked several cottages and boathouses in its wake. This island was practically stripped of a beautiful stand of 150-year-old white and red pine. One building was lifted from its foundation and tossed 100 feet into the bush, while boats and boathouses were smashed. The forestry branch estimates that 250,000 feet of merchantable timber was downed by the wind, and that steps are being taken to try to salvage as much as possible. Unofficial estimates of property damage approach the $200,000.00 mark, as workers continue to clean up the wreckage following the freak storm.

Canadian Press Clipping Service
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Temiskaming Speaker
New Liskeard, Ont.
Circ. 5,242
August 21, 1969

THURS AUG 7 1969

Gale Slashes Across Lake Temagami

More than $200,000 in damage was caused by a ravaging storm that pounded six islands in Lake Temagami.

The storm - severe winds and a prolonged downpour - flattened homes, boathouses and felled large trees.

The winds swept across the centre of the lake, hitting first at Bear Island and then struck five other islands on the lake.

On Bear Island a 1,000 foot Department of Lands and Forests tower was toppled.

The storm continued in a northerly direction towards Friday's Point and Spawning Bay.

A summer home belonging to Mrs. Margaret Peck, along with boathouse and boats was flattened in the wake of the gale as it passed over Island 1,009. Damage was approximately $50,000.

On Island 1,059 another home owned by Pennsylvanian Walter Adelard was completely demolished. Damage here runs about $30,000.

On Island 896 a cottage belonging to A. W. Nicholls of Oakville succumbed as did a newly purchased $60,000 one on Island 1,058.

As the storm took its last swoop through the islands it knocked a cottage into the lake at Island 1,022 while five large pine trees were uprooted and dumped on top of a larger home near where the cottage had stood.

No injuries were sustained during the storm and estimates of the damage so far only includes property. No assessment of the damage to the forested areas has yet been made.

Lands and Forests and the Temagami OPP are investigating the storm and the damage it has caused.