UPDATED

Gooderham + Coe Hill Events Combined to one.

Confirmed Tornado
Gooderham - Cloyne, Ontario
August 30, 1947

Date- Local: Saturday, August 30th, 1947
UTC: Saturday, August 30th, 1947
Time- Local: 1725
UTC: 2125
Location: Gooderham - Coe Hill - Cloyne
Region: Haliburton
Classification: Confirmed Tornado
Category: -999
Casualties: 2
Track Length: 94950 m
Width: 810 m
Motion: 275 degrees
Damage Estimate: None available
F-Scale Rating: F3
Code: AH
Damage Survey: None
Spotter Reports: None
Other Documents:
Several detailed newspaper articles, some with photographs of damaged buildings
Damage notes
Two maps showing tornado track
6 surface analysis charts (Isobaric + frontal)
3 show the analysis from 1:30 am Aug. 29, 1:30 am Aug. 30, 1:30 am Aug. 31
Other 3 show analysis for 1:30 pm Aug. 28, 1:30 pm Aug. 29, 1:30 pm Aug. 30
Newark summary sheets for Gooderham and Coe Hill, both were combined into one tornado.

Tornado F-Scale Assessment

Brad L. Rousseau
Tornado Data Production Assistant, Environment Canada
January 26th, 2011

Classification: Confirmed Tornado
Date: Saturday, August 30th, 1947
Location: Gooderham - Coe Hill – Cloyne, Haliburton Region

Assessment: F3
F-Code: AH
Explanation of Assessment: Houses destroyed, construction suspect therefore not F4 rating. At Salmon Lake, a fishing boat was picked up, dumped 3 men into river who swam ashore. "Reliable report" That a small cabin was seen flying 100' in the air over the lake.

SJS

Summary Sheet

IDTO - ID Number :694701
AUTH - Report Author :
TYFU - Tornado Type & Fuji Code :a2
TITL - Report Title or Location :Gooderham
PROV - Province :Ontario
COUN - Counties :Haliburton
REFS - References :TS September 1, 2.
1947, GM September 1,2, 1947
ZOTO - Touchdown Zone Number & Easting :17707200
NOTO - Touchdown Northing :4975660
LOVA - Touchdown Error Value & Code :100c
DADA - Date of Data Entry :14/06/1990
ZOLO - Liftoff Zone Number & Easting :17731000
NOLO - Liftoff Northing :4980500
UPVA - Liftoff Error Value & Code :5000c
DEAD - Number of Fatalities :
HURT - Number of People Injured :4
HERT - Injuries Code :
DATA - Date of Tornado :30/08/1947
DAVA - Date Error Value & Code :
TITO - Time of Tornado :1625
TIMR - Time Meridian :75
TIVA - Time Error Value & Code :20c
AXDA - Maximum Path Width :455
AXVA - Max. Path Width Error & Code :15c
AVDA - Average Damage Width :
AVVA - Avg. Damage Width Error & Code :
SADA - Sample Damage Width :
SAVA - Sample Damage Width Error & Code:
INTO - Initials :JAM
DFTO - Detailed Report Flag :n
JUNK - PRDA & DIMO & DALE :
CODA - Property Damage Code :
MISC - ORDE,PICS_TYPE,PICS_AVAIL,COCO : 112
MANY - Multiple Event Flag :y

MEMO:Train blown off tracks, train station badly damaged, agricultural hall destroyed, roof torn from saw mill, trees down, waves of 10 to 12 feet in height created on lake by storm.

PHEN - Associated Phenomena :P A53
TSHP - Townships :Glanorgan/Monmouth/
Cardiff

JAM, 14/06/1990

A

TORNADO PROJECT SUMMARY SHEET

MORE INFO REQD. ONT

1. DATE AND TIME 30.8.1947 694701

2. LOCATION OR PATH (attach map) GODERICHAM TO COE-HILL ~~694701~~ 694701

3. PATH LENGTH ☑ NOT KNOWN ☐ <1mi; ☐ 1-4mi; ☐ 5-10mi; ☐ 11-50mi; ☐ 70 LENGTH IF>50mi

4. PATH WIDTH ~~½mi~~ 5. TORNADO PART OF SQUALL LINE? ☐ YES; ☐ NO; ☑ UNKNOWN:

6. ANY UNUSUAL COLORATION? ☑ YES; ☐ NO; ☑ UNKNOWN "Sky turned yellow"

7. ANY UNUSUAL SOUND? ☒ YES; ☐ NO; ☐ UNKNOWN

8. IF ANSWER TO 6 OR 7 YES, ELABORATE; "The roar was terrific" "roar of a dozen freight trains" "FIERCE GROWL THAT ROSE TO A STEADY, SHRILL MOAN

9. LIST ANY ASSOCIATED PHENOMENA (Such as hail, vivid lightning, heavy rain, no rain, etc.) Hail ("Big flat stones, half the size of saucers")

10. TOTAL DAMAGE ESTIMATE $ 11. TOTAL DEATHS 1

12. TOTAL INJURED 23 13. TOTAL HOMELESS 28

14. LIST ALL REFERENCES

① TORONTO DAILY STAR, SEPT 1, 2, 1947

② The Globe and Mail, Toronto, Monday September 1, 1947

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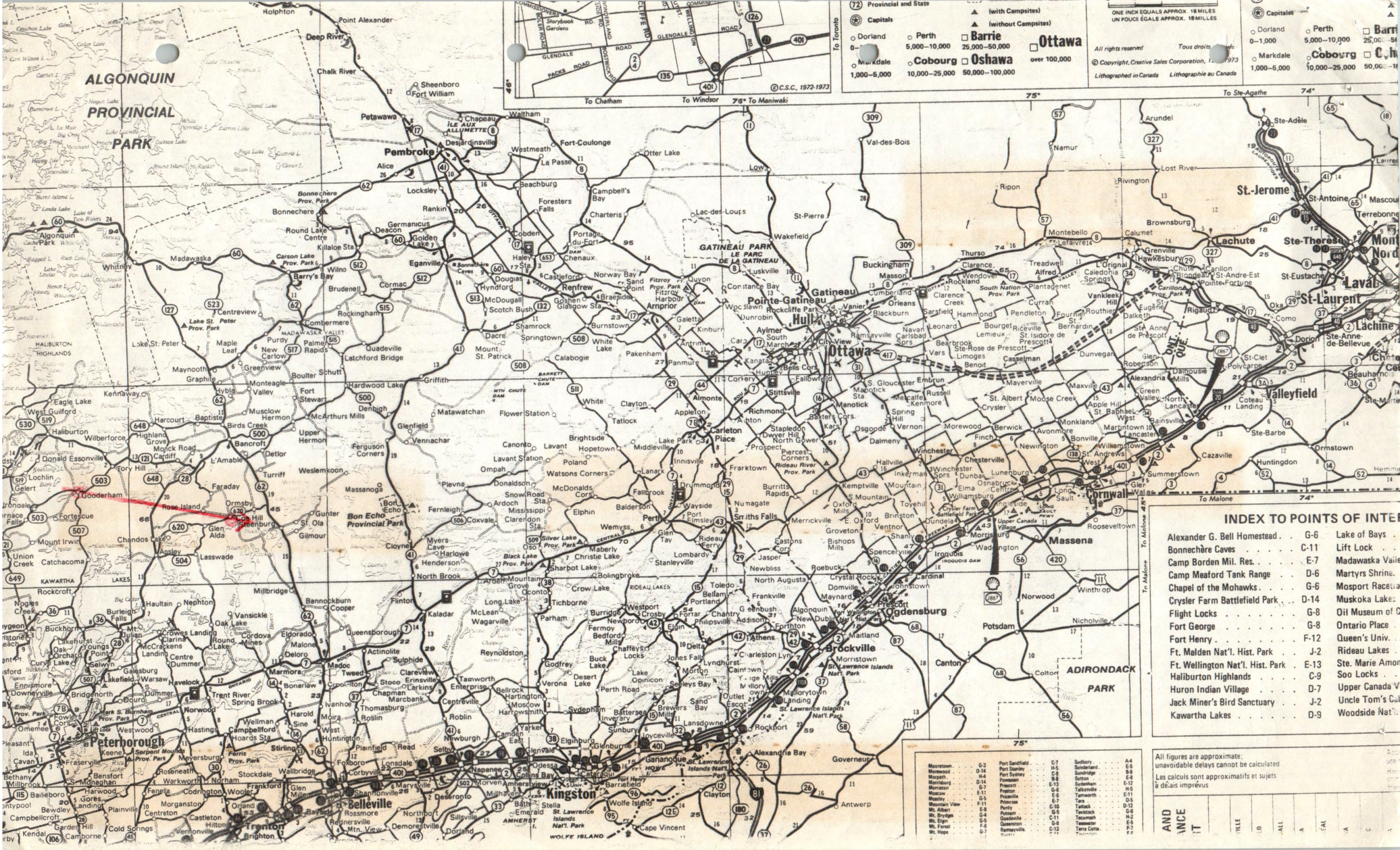
15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.

① Myrna Ferguson, 12yrs old died when her skull was crushed by a flying timber

② 5 people were thrown 100yds into trees. Some were stripped naked.

③ 3 farmhouses, a railway station, destroyed. Telephone poles planted upside down in the earth.

④ "Lifted a service station off its foundation, drew out a car inside it and parked it on top."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Petawawa
Chapeau
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Desjardinsville
Pembroke
Waltham
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Fort-Coulonge
La Passe
Otter Lake
Alice
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Beachburg
Campbell's Bay
Foresters Falls
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Lac-des-Loups
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Golden Lake
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Joyceville
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Shannonville
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Ferris Prov. Park
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Young's Point
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Crowes Landing
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Curve Lake
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Burleigh Falls
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Jones Falls
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Seeleys Bay
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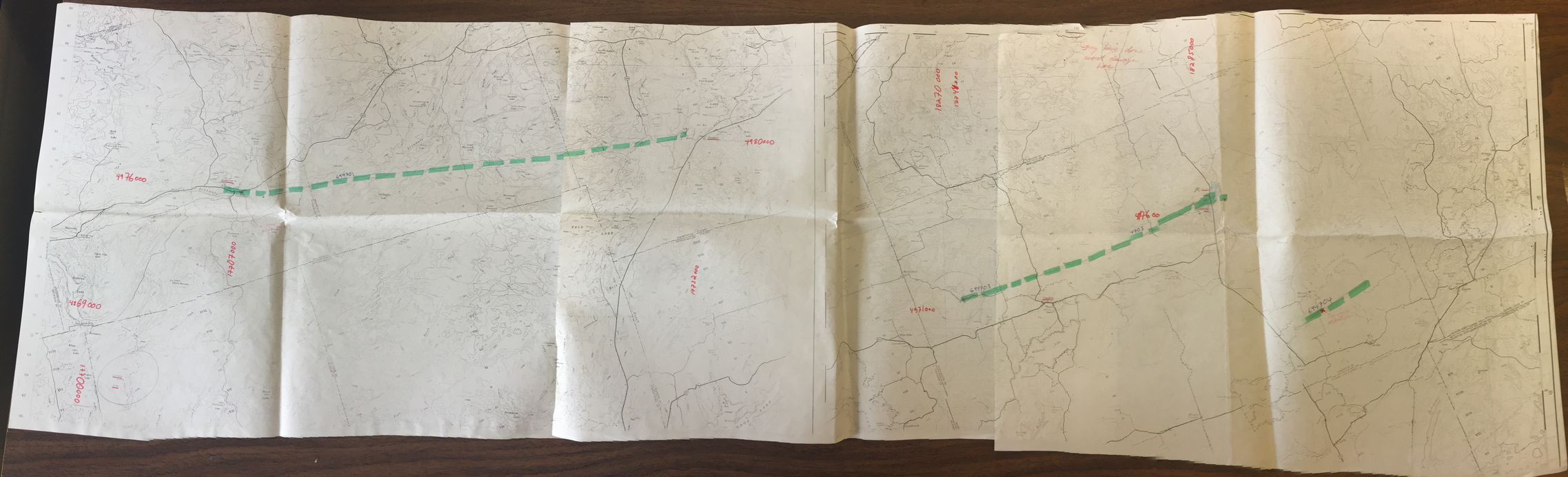
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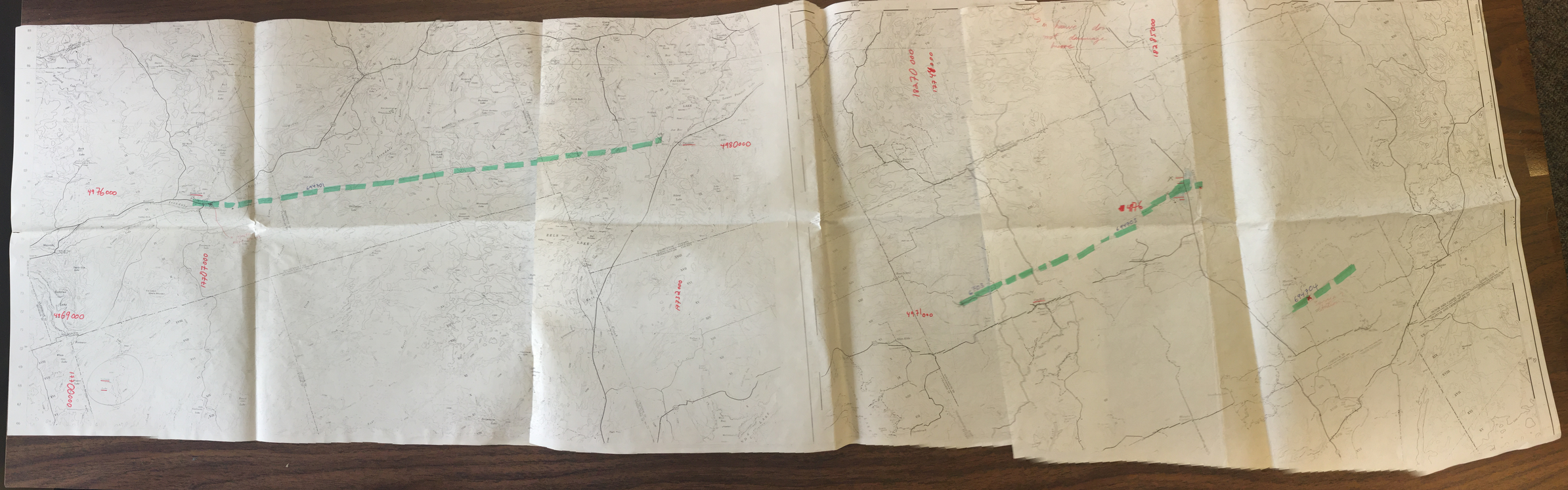
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service station

Went through 5 counties, Haliburton, Hastings, Lennox & Addington, Frontenac, Renfrew

Globe,

several miles north of Coe Hill on Rose Island Road

(4) Damage railway station at Gooderham (4 injured, none seriously)
(2) Kidd's Corners in the Coe Hill district (girl missing)
(3) East + South of Gooderham (70 miles over fields and woodlands of Haliburton + Hastings counties)
(4) Coe Hill district (Worst Damage - 8 miles away it wrecked three farm houses in 90 sec)
- 1 death (skull crushed by flying timber)
- 5 occupants of home found in the trees (naked + bleeding)
- P 1. B for details
(5) Near Coe Hill (P. 3) (lifted service station, drew car → on roof)
(6) Roared across Robinson Lake.
(7) Highway 62 from Madoc to Bancroft.
(8) Then struck Salmon Lake (NE of Madoc) (Beaver Lake ?)
(9) Swept over Spring Lake
(10) into C.N.R main line from Trenton to Bancroft.
(11) Paudash in Hastings County. (Haliburton)

(12) Gooderham - i) Agricultural Hall
ii) CNR Station
iii) Express Shed.
iv) Sawmill (Lumberyard ?)
(13) Pine Lake
(14) Pine River.

(15) Gooderham (Haliburton) to Bon Echo Rock in Frontenac to Stewartsville
(16) Cloyne at Lake Mazinaw (40 miles northeast of Tweed)
- possible end point of storm.

(17) Crossed between Tweed and Denbigh

10 miles east of Coe Hill - service station damaged - last sign of damage from Globe & mail plane.

Unusual Noises

"roar greater than a dynamite explosion"

THE GLOBE AND MAIL.TORONTO,MONDAY SEPTEMBER 1ST.1947.

STORM DATE.(GOODERHAM) 5:25P.M.,SAT.AUG.30TH.1947.

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TORNADO KILLS ONE,HURTS 23.

RIPS THROUGH 70 MILES OF TWO ONTARIO COUNTIES.

FIVE INJURED WHEN BLOWN TO TREETOPS.

BANCROFT,AUG.31.(Special) Roaring with the fury of a rocket bomb,a tornado late Saturday swept over the farm lands of two counties,blowing five persons 100 yards from a wrecked home into the tops of a clump of cedar trees. It killed one girl instantly,severely injured another and left 23 more victims, most of whom are in hospital.

In its wake lie the wreckage of half-a-dozen homes and a score of barns and buildings.

It wrecked a railway station at the village of GOODERHAM,where first it struck,spilling the top storey across a mixed train,and toppling over five box cars.Four persons were injured,none seriously.

A late report from the scene points to a second fatality.From the hamlet of KIDD'S CORNERS,in the COE HILL district,comes word that a search has started for a little girl,as yet unidentified,who has not been seen since the storm.

With a fierce growl that rose to a steady shrill moan,the twister ripped east and south of GOODERHAM for 70 miles over the fields and woodlands of HALIBURTON and HASTINGS COUNTIES,with a swath less than a half a mile wide.

But in no place did the devastation or the terror equal that in the COE HILL district.Eight miles from the hamlet it bore down upon three farm homes,wrecking all in 90 seconds.

In the first of these,12-year-old MYRNA FERGUSON,daughter of MR. and MRS.WESLEY FERGUSON of COE HILL,who was visiting her grandparents,was killed. Her skull was crushed by a flying timber.

Struggling across the fields to the rescue,neighbors found the five occupants of that home hanging in the trees.Screaming in terror,they clung to the branches for dear life as the dying tornado whipped about them.

Some were bleeding and naked.The wind had stripped them of their clothing as quickly as it had felled their home.Strewn far across the fields were just a few remnants of it,planks and boards.There was scarcely a trace of their furniture.

In this household,as well as the dead girl,were MR.and MRS.HARVEY NEAL,her grandparents;her brother,VERNON,age ten,and ELMER NEAL,an uncle,30. They were taken to BANCROFT HOSPITAL.

Homeless,too,is the CAMPBELL family,who lived nearby.In hospital

are MR. and MRS. FRED CAMPBELL, their five children; MR. and MRS. LEO CAMPBELL, and their two children, and GERALD CAMPBELL.

The third home to topple was that of FRED MARSHALL, across the road. Here MARJORIE PEACOCK, 10, of FARADAY TOWNSHIP, a visitor, suffered a broken arm and possible internal injuries from which, it is feared, she may not recover. She was taken to the HOSPITAL for SICK CHILDREN in TORONTO, where her condition was first described as critical and later as satisfactory.

MARSHALL'S daughters, FAY, 10, and JEAN, 8, were hurled through the air and were found huddled against a cedar hedge 150 feet away. The family discovered 2-year-old UNA MARSHALL under a portion of the house siding, a huge splinter in her arm.

Caught up and tossed through the air for some distance, MERLE MARSHALL, 5 and JOAN, 3, suffered minor injuries.

Their mother rushed into the woodshed as the storm approached. When panes of glass shattered around her, she knelt and covered her face with her hands. The storm lifted the woodshed off her and carried it away but the woman was only slightly cut and bruised.

The storm broke around 5:15p.m. amid terrific flashes of lightning and deafening thunder claps. Plainly seen for miles, a smoky black cone spread low in the heavens unleashing torrents of hail and rain. Its fury was spent in 15 minutes.

Leaving desolation and the scars of desolation throughout the quiet countryside, the tornado also played fantastic pranks, uprooting trees and telephone poles and planting them firmly upside down in the earth.

Near COE HILL it lifted a service station off its foundation, drew out a car inside it and parked it on top of the structure with sufficient force to crush the roof.

Each building it struck was not blown directly down but spun in the air and then scattered to the winds.

NEAL and his son ELMER, were hauling in a load of hay when they saw the the storm coming. ELMER had sought shelter in the garage when the wind hurled the structure more than 100 feet. He suffered a crushed leg, broken nose and several minor cuts. The elder NEAL suffered several fractured ribs. MRS. HARVEY NEAL'S foot was broken and she was staying with friends in BANCROFT.

From his hospital bed, ELMER NEAL described his experience.

"I saw this great black cloud coming. The roar was terrific. I could see huge trees swirling through the centre like toothpicks.....I don't know how long I was lying unconscious."

Moving east, the tornado wiped a line of trees off a hilltop and

roared across ROBINSON LAKE and struck a barn owned by MRS. A. NOTTAGER. The extent of the damage could not be learned as roads in the area were blocked with fallen trees. Nearby, a cottage owned by FOSTER McKILLICAN was carried off.

The storm carried off a garage, a cabin and an icehouse on the GEORGE PARKS farm on HIGHWAY No 62, which runs from MADOC to BANCROFT. It tore the roof off PARKS' house and badly damaged the walls.

The tornado then struck SALMON LAKE, northeast of MADOC. It picked up a boat containing three unidentified United States residents who had been fishing on the lake. The men were dumped into the water but swam ashore.

It was reliably reported that a small cabin was seen, about 100 feet in the air, blowing across SALMON LAKE.

With telephone and telegraph lines down, BANCROFT still was isplated. Settlers worked most of to-day to clear away fallen trees criss-crossed on roads.

DR. E. R. BEATTY of MADOC, who made a rush call to the COE HILL district, said: "The storm struck them so quickly they scarcely knew what happened. On the way to the scene I could not believe my eyes."

"What startled me first was the weird way in which the big elm trees were twisted. You could see the path of the tornado as plainly as if a giant bulldozer had run over it. Everything was flattened. At the fringes the trees were littered with shingles, boards and the tops of trees that had been blown down.

"It brought a lump to your throat when you saw a child's dress waving from a tall limb. I treated the injured Ihave lost track of the number.

"A man told me, 'I was lying on the floor and I closed my eyes when I felt the house sway. When I woke up the only thing I saw of the house was some boards being blown way up in the air high above the trees. The wind picked up the house, turned it around, then smahed it on the ground like a piece of kindling wood, then blew the wreckage to bits.'"

JACK HATCH, 14-year-old son of Provincial Constable J HATCH of BANCROFT, who visited the scene last night with his father, said:

"You would have to see the wreckage to believe what happened. One house was carried 100 feet from its foundation and flattened. You couldn't find one stick of furniture near it. All the stuff in the kitchen and the bedrooms was blown out. Yet in the cellar of the foundation you could see the preserves on the shelves, standing there ready to be opened for supper.

Tops of barns were blown off and hay spilled all over the barnyards. It looked as if the tornado had tried to coil it up.

"I looked up at a tall elm tree at the edge of the swath. The top had been broken off and in its place was planted the top of a balsam tree.

"Another elm tree was completely uprooted and swept for 350 feet before the storm let go of it.

"In a field I saw the end of a piano. There was nothing left of it but the end. The keyboard, the strings and every other piece of it had disappeared.

"In another field lay two cars. One had rolled over and over on its side for 200 yards up a steep hill. Only the tires were not damaged.

"In the farmyards with the wrecked barns you saw the pigs nosing about as if nothing had happened.

Crossing another stricken farm the constable's son saw the top torn off a well.

"That gives you an idea how terrific the suction of the storm was," he said.

Another home struck was that of ERNEST ANDERSON, occupied by himself and his wife. A barn nearby, owned by JACK ANDERSON, also disappeared in the twisting funnel and was wrecked.

Sweeping over SPRING LAKE, the twister in its "blowing out" stage ripped into the C.N.R. main line from TRENTON to BANCROFT, littering the tracks with trees and tearing down all communications, including telephone, forestry and telegraph lines to BANCROFT.

The twister levelled an area of standing timber at PAUDASH in HASTINGS COUNTY, slapping down huge trees "like match sticks". No buildings were in that area.

An official of the BANCROFT RED CROSS HOSPITAL said it was impossible to recognize the victims as they walked and were carried in. He said they were caked with mud and dirt, and their clothing ripped.

Reeve CLARK ROLLINS, of WOLLASTON TOWNSHIP, organized a party of men to get the injured to hospital. They had to clean roads of fallen trees, but got cars in to rush the people out.

DR. S.R. BEATTY of MADOC was one of the first in and rendered first aid on the spot.

Traffic in the area was tied up. Extra police were rushed from Belleville, MADOC and from here to control the chaos.

Prov. Cons. JOHN HATCH of MADOC placed a call for relief to the TORONTO RED CROSS shortly after the tornado struck.

ROOFS VANISH, 5 BOX CARS OVERTURNED.

GOODERHAM, AUG. 31. (Staff) Five freight cars were rolled over like match boxes, the local AGRICULTURAL HALL vanished and roofs were torn off like tops of cardboard cartons late Saturday afternoon when the tornado hit this village

Racing along at 120 miles an hour, a cone shaped cloud whirled across the village carrying trees, scantlings and even birds in its vortex. It struck with the roar of a dozen freight trains, eyewitnesses said, and in 90 seconds had disappeared, leaving wrecked homes and buildings in its wake.

The mixed passenger and freight train which operates between LINDSAY and BANCROFT was standing at the C.N.R. STATION when the tornado struck.

Three persons were injured and five freight cars were bowled over, the roof was torn off the station and the EXPRESS SHED was demolished.

The injured are MURRAY POLSON, the relief STATION AGENT, who was hit by a scantling blown from the village LUMBER YARD. BOB FERGUSON, brakeman, also hit by a piece of lumber and EARL MITCHELL, a passenger on the train.

The roof of the SAW MILL was ripped off and a few thousand feet of lumber scattered over the countryside. Four cottages were wrecked, two of them smashed to smithereens. All that is left of them are the cement abutments to which they had been anchored.

The AGRICULTURAL HALL, where the village fair is held annually, was picked up and blown away. A barn belonging to JOHN McCOLL, a mile west of here, vanished in the same way.

Waves ten to twelve feet high were whipped up on nearby PINE LAKE as the tornado hit. Boats were torn from their moorings and were floating overturned in the water today.

Tall pine and cedar trees lining PINE LAKE were felled like jackstraws. The highway north of here was blocked for nearly six hours Saturday night by the trees which had been swept across it for a distance of 500 yards, the width of the tornado swath.

A fierce hail storm heralded the approach of the tornado.

W.J. DAY, 251 QUEBEC AVE. TORONTO, was in the bush about six miles north of GOODERHAM, at the time, clearing some property for a proposed summer home.

"There were four of us and we all ran for my car as the storm started," said MR. DAY.

"It is a good thing we made the car when we did.Hailstones pounded on the roof of the car so hard that I thought it would cave in.They were big flat stones,half the size of saucers.Sitting in the car,we could not see more than five feet outside."

MR.DAY escaped the tornado but saw its wreckage as he drove back to GOODERHAM.Twice he had to get out and strip trees which had been felled and lay lengthwise on the rough road.One of them was a knotty pine 18 inches in diameter,and he showed blisters on his hands from chopping at it with an axe.

Finally,he was blocked outside GOODERHAM by the mass of trees which overlay the road where the tornado had actually cut across it.

Day was staying at one of four cabins owned by T.R.PEACOCK on PINE RIVER,just outside the village.When he got there,he found his cabin upside down in the river.Everything he had with him except the bush clothes he was wearing had been blown away or ruined by water.

The cabins were about 16 by 12 feet and were secured to cement abutments.MR.DAY'S cabin was largely intact but all that remained of the other three cabins was about half of one of them.Wreckage was strewn on the opposite of the river.

MR.PEACOCK,the owner of the cabins,put his loss at $2,500.For the past two years he has worked to build the cabins and the fruits of his labour went in 90 seconds.

When the storm struck the C.N.R.STATION,MRS.A.CARMICHAEL ~~of LINDSAY~~ who is stationmaster,was inside with her daughter,MISS FAY CARMICHAEL of LINDSAY.The doors jammed and the two terrified women were trapped within it until the tornado had passed.

"There was a terrific uproar,"said MISS CARMICHAEL,"Laths and scantling were flying everywhere.The whole back and side of the express shed beside our living quarters disappeared.The roof was lifted off the living quarters.When we finally got outside,the station platform was so littered with debris that the passengers and trainmen could hardly move, The trainmen finally managed to free us."

MRS.CARMICHAEL'S finger was cut by flying glass but MISS CARMICHAEL escaped injury.

With their living quarters in the station demolished the CARMICHAELS have moved what they could find of their personal effects into an empty boxcar where they are now living.One of Mrs.Carmichael's white curtains is hanging from the top of a near-by telephone pole.

Much of their clothing was blown away but their furniture is

largely intact.

DALLYN PICKENS,owner of MOUNTAIN VIEW LODGE,a hotel near the village,left his supper and ran out onto his verandah to see the twister approach at 5:25p.m.It came from the northwest,he said.

"I saw a funnel of air whirling along,"he said."It picked up the STATION roof and the MILL roof and carried them away."

In half a minute,he estimated the tornado travelled a mile,making its rate 120 miles per hour.

CRAWFORD SHIER,a village resident,saw planks flying through the air after the tornado passed over the LUMBER YARD owned by J.E.HUNTER. SHIER hurried his wife and their eight-months-old son DAVID,out of their house and they all lay down on the grass.Planks from the lumberyard fell near their house but they were unhurt.

MOSS MADILL,another villager,said the waves on PINE LAKE were 10 or 12 feet high.Trees were uprooted and carried away.He also saw chickens being carried in the twister,he said.

YOUTH IS BLOWN 100 FEET,BRUISED AND KNOCKED OUT. By LEX SCHRAGG.

—Globe and Mail Wirephoto.
Glen Beggs,
16, of Coe Hill, who was rendered unconscious when tornado struck woodshed in which he had taken shelter.

COE HILL,AUG.31.(Staff)Several miles north of COE HILL, on what is known as the ROSE ISLAND ROAD,the tornado left its worst havoc and I have talked to a youth who lived through it.

He is 16-year-old GLEN BEGGS,a hired hand on the farm of MR.and MRS.LEO CAMPBELL.There the house was obliterated,the roof torn off the barn and a machine shed blown away.

Suffering a badly bruised head,Glen was carried 100 feet through the air.He doesn't remember that.He is sure he must have been,however,for there is no other explanation.

"We were eating supper when the storm blew the house to bits,"he said."It was roaring like an express train.The air was full of mud and sand.I rushed to the woodshed.There I felt myself being lifted.When I came to,I was in the field. I must have been knocked out."

"The next thing I remember was LEO CAMPBELL scrambling through the wreckage.He was looking for his wife.She was hurt but not badly,I am told.He found her lying among the debris.Then Leo ran to find a car that would run.There were two on the farm.One belonged to Leo and the other to his brother,Gerald.

"One car had been rolled on its side and was a wreck.The other had the roof taken off it but it would still run.He put MRS.CAMPBELL in it and started off for the road.But he could not travel there because it was blocked with telephone poles.He bounced over the fields for help to the home of my aunt,MRS EMMA MASTERS."

"The CAMPBELL'S lost everything.They later found the warming oven of the kitchen stove and parts of their radio on a hill 300 yards from the side of the house.THeir furniture is scattered for miles.

"I saw the binder upside down in the lane.It had been carried 500 feet. A field roller was stood on end against a post.The tornado ripped the wire from the fence.The road grader took a twisting too."

IF DOG COULD TALK FARMER MIGHT FIND HIS MISSING BARN.

GOODERHAM,AUG.31.(Special)If only his dog could talk,Farmer JOHN McCOLL could find out where his barn is.

McCOLL saw the last of his barn just before the tornado struck here Saturday.The 120 mile whirlwind lifted the 60 foot barn as if it was a toy and whirled it out of sight.

The dog was chained in the barn and McCOLL thought he had seen the last of the animal.But about 45 minutes after the barn vanished,the dog was back on McCOLL'S porch,dragging its chain.

McCOLL does't know where the barn was blown to but the dog does.

VIOLENT WINDSTORM WAS A TORNADO,EXPERT EXPLAINS.

The violent,whirling windstorm which took one life and caused heavy damage in HALIBURTON and HASTINGS COUNTIES late yesterday was a tornado,a meteorologist at the PUBLIC WEATHER OFFICE AT MALTON said last night.

In the UNITED STATES,cyclones,tornadoes and twisters are considered as a single type of weather phenomena but in CANADA and BRITISH meteorology a distinction is made between cyclones and tornadoes.

A cyclone is a clockwise whirl which may cover several hundred miles but a tornado is a funnel-shaped cloud with extremely high circular winds which cuts a path through a narrow area,the meteorologist said.

The tornado Saturday occurred as a band of severe thunderstorms moved eastward through Southern Ontario,he added.

TORNADO CASUALTY LIST.

BANCROFT, AUG. 31. Casualty list in the HASTINGS and HALIBURTON COUNTIES tornado, reported thus far, follows:

DEAD.

MYRNA FERGUSON, 12.

INJURED.

VERNON FERGUSON, 10.
MR. and MRS HARVEY NEAL.
ELMER NEAL, 30.
MR. and MRS. FRED MARSHALL.
FAY MARSHALL, 11.
JEAN MARSHALL, 9.
MERLE MARSHALL, 7.
JOAN MARSHALL, 5.
UNA MARSHALL, 2.
MARJORIE PEACOCK, 10.
MR. and MRS. LEO CAMPBELL,
GRADEN CAMPBELL, 10.
COLLEEN CAMPBELL, 8.
GERALD CAMPBELL, 26.
MR. and MRS. ERNEST ANDERSON.
JOHN ANDERSON,
MURRAY POLSON.
BOB FERGUSON.
EARL MITCHELL.

All the injured are in BANCROFT HOSPITAL, except MARJORIE PEACOCK, who was taken to HOSPITAL for SICK CHILDREN in TORONTO.

GLOBE AND MAIL, TUESDAY SEPTEMBER 2ND. 1947.

TORNADO JERKED WATER 100 FEET UP.

TWEED, SEPT. 1. (Special) Reports of a broken power line at STEWARTSVILLE prompted the suggestion today that the tornado which hit EASTERN ONTARIO on Saturday may have cut a swath through the bush 100 miles long.

The twister was believed responsible for the power line cut at STEWARTSVILLE, 30 miles northwest of OTTAWA. Thus it roared through five counties HALIBURTON, HASTINGS, LENNOX, and ADDINGTON, FRONTENAC and RENFREW. It was suggested that after travelling from GOODERHAM in HALIBURTON to BON ECHO ROCK in FRONTENAC the tornado turned west to STEWARTSVILLE.

Provincial forestry officials said, after viewing the path of the tornado, that some lakes were nearly filled with logs from trees blown into them.

A hard hit area was CLOYNE at LAKE MAZINAW, 40 miles northeast of TWEED, Several cottages were demolished and all wire communications cut.

LLOYD VAN WYCK, formerly of GALT, who recently established a tourist resort on LAKE MAZINAW, said the storm finally spent itself in the lake a few yards in front of his cottages.

[redacted]

"My wife and two small children PETER and JOHN huddled in the cottage as the twister ripped down telephone lines and trees all around us

and we expected any moment that we would be swept out into the lake with the rest of the debris,"he said."The lake was churned up as though from an atomic bomb.The water was swept out fifteen feet from shore and it suddenly spiralled upward at least a hundred feet."

Today the shore line is littered with branches from uprooted trees, pieces of wood and other refuse.Immediately after the storm,the sky turned yellow,there was a heavy downpour of rain and then it cleared up.

"We suddenly saw that the sky was becoming black,all at once there was a tremendous roar,and the tornado swept in from the west with terrible velocity,flattening everything in its path.I would say that it cut a swath about a quarter mile wide through the bush and it looked as though a giant bulldozer had gone through crumbling everything in its path,"VAN WYCK told newspapermen.

JAMES STONE who operates a coach line between TWEED and DENBIGH, was held up some time as highway workers under the direction of THOMAS KITTINGBECK attempted to clear the road of trees which had been uprooted. STONE said he was warned to return to CLOYNE by a party of American tourists who were unable to get through.

WALLACE MOON of TWEED who was en route to the northern lakes for the holiday and was likewise held up at CLOYNE for some hours,said cottagers told him that the roar was greater than a dynamite explosion. A careful check of damage is impossible with telephone lines down,but MRS. J.J.VOGAN,NORTHBROOK operator,said no persons were injured in the area,so far as is known.

TORNADO BLAST PINS OLD WOMAN BENEATH BEAM.

By JACK HAMBLETON.

COE HILL,SEPT.1.(Staff)A grieving grandmother lies on a bed at the home of a relative near BANCROFT today,fretting over the death of her granddaughter MYRNA FERGUSON,and worried about the future.Her home and all her earthly possessions are gone scattered by the tornado which Saturday demolished four farm homes in this area.She is MRS.HARVEY NEAL.Trying to comfort her is VERNON FERGUSON,10,her second grandchild,who also was with her when the storm struck.Of the NEAL home,there is not five cents worth of furniture,food or clothing worth salvaging.HARVEY NEAL himself is in hospital at BANCROFT,last of 23 injured to be still in hospital.He cries when you talk to him .Everthing he owned is gone.

This is MRS.NEAL'S story of what happened in those few brief minutes of Saturday night:"MYRNA was in the kitchen with me helping to dry

Mrs. John Sarginson of Bancroft cares for Vernon Ferguson, whose face was cut in same blast which carried his sister Myrna to her death, and Mrs. Harvey Neal.

Harvey Neal

the dishes. I looked out and saw the storm. I said to her, 'The barn is going to be blown over.' I closed the doors and windows in the house, and then saw the men (her husband and two sons) running for the house, The front door blew open and I rushed to shut it. That is the last I remember.

"When I recovered I was lying face down on the ground where the door had left me. The floor itself was gone and I was trapped under a beam. My shoes were gone. I know I had them on when I went to close the door, but I don't know what happened to them after. We found the little girl amidst the wreckage.

"My foot was badly cut somehow, and my body is covered with bruises, scratches and cuts, but how I got them I don't know. LEO CAMPBELL, whose farm was near ours (and also destroyed) had the only car around which would run and he drove it into COE HILL for help. The people there have been simply wonderful. They streamed in here and took us to the Red Cross Hospital at BANCROFT, where the nurses gave us all first aid. My husband is still there. I don't know what we are going to do. We can get help to rebuild, but we haven't a thing to rebuild. All our possessions are gone."

Where MRS. NEAL stood to wash the dishes is today a shapeless pile of rubble. Her jars of preserves — prize possessions of any farm woman — are a mess of broken glass and fruit. Not a dish remains unbroken; not a stick of furniture intact.

Just over the hill is where the farm of FRED MARSHALL was located. His five children were all injured, while MARJORIE PEACOCK, 10, a visiting friend, was blown with his daughters JEAN and MERLE from the top story of the house to the top of the hill 100 yards away. The PEACOCK child is seriously injured and in HOSPITAL for SICK CHILDREN, TORONTO.

As nearly as he knows, this is what happened at the MARSHALL home: "I saw it coming. It seemed to roll over and over and carried trees, roots and all, at least 250 feet in the air. I had just driven home, and told my wife I had better close the windows of my car. Back at the house, the sky was black as tar, with the storm cloud seemingly rolling low, but the sky quite

clear above.

"We would have had time to get to our root house,near by,but I didn't think it was going to be bad enough for that.Then it came,and I suddenly found myself flying through the air.I crashed into the branches of an elm tree about 50 feet away,and when I came around there was nothing left of the house.I found MERLE,JEAN and the PEACOCK child 100 yards away on the hill.They had been upstairs when the storm struck and it evidently carried them in a line from the second story to the hillside.

"The stove is away back in the bush.As an indication of the suction of the storm,the radio battery is about 50 yards away.My car was wrecked, and there isn't enough left of the house to start a fire."

At the CAMPBELL farm,the story is the same.It rests in a valley not far from MARSHALL'S.The cleared hillside half a mile away is littered with the remains of the house,blacksmith shop and other buildings.

COE HILL is about 50 miles north of PETERBOROUGH,but to reach it you have to leave the highway and take to the twisting,hilly roads.Driving over these at more than five miles an hour is dangerous driving.Yet all through the weekend hundreds of farmers made the trip,not just for morbid curiosity,but because they wanted to help.A collection being taken at the site of the NEAL farm already totals more than $500,and by no stretch of the imagination could the COE HILL district be called a prosperous farming community.

That is what makes MRS.NEAL cry,too,"People have been simply wonderful to us."she said today.

Meanwhile,Nurses MRS.EVA PORTER and MRS.BEATRICE DORESA of the little BANCROFT HOSPITAL,heaved a sigh of relief.Nine persons in all were given first aid on that hectic Saturday night;three were hospitalized and tonight only MR.NEAL remains.

"It was simply horrible,"they said."these unfortunate people were brought in here simply cut,bruised and burned almost beyond recognition. Dirt was plastered into their skins.The women and girls who have gone home from here will have an awful time getting debris out of their hair.We did the best we could,cleaning them up as much as possible,but even so we couldn't get all the dirt off."

Today the homeless children and adults are scattered over a wide area.Some are with relatives or friends at BANCROFT or COE HILL,others throughout CHANDOS and GLENALDA TOWNSHIP.The Red Cross has flown medical supplies and clothing to supply them,but the districts inaccessibility makes it hard for the goods to reach them.Farmers from all around the area

have given up their own farm work,at least temporarily,while they try to salvage what crops they can for the stricken families.They won't amount to much,for at the NEAL home,for instances,even onion and potatoes were blown right out of the ground.

TORNADO'S COURSE CUT ACROSS EARTH LIKE SABRE WOUND.

By HELEN BEATTIE.

Like a curving,disfiguring sabre scar across the face of HALIBURTON and HASTINGS COUNTIES,the devastation left by Saturday's tornado is as clearly defined as a highway on a road map.

From the GLOBE and MAIL'S Grumman amphibian plane a tour of the path of the storm,through the forest,the small villages and tiny settlements,bustling activity indicates already that the work of reconstruction has begun.

The aircraft left MALTON at 10a.m.,circling first over the Exhibition grounds,toward which crowds already moved as if drawn by a magnet.From the height,the thousand of parked cars lined along the lakeshore lokked like orderly shiny bugs gathered for a convention.The seaplanes in the harbor were for all the world like dragon flies hovering over the water.

Above North Toronto,the plane gained height and then took off northeast over the rich Ontario farm lands.For some minutes the picture had a pattern—the orderliness of man—who planned and arranged.

Then the picture changed abruptly.In the span of minutes nature in a petulant mood,disarranged not only man's pattern but her own.Marked as clearly as if it had been carved by a huge sickle is a path of wastage running northeast.Here in the path of tornado,trees have been flattened out as if a huge rock had rolled over them—their roots wrenched from the soil.

Only the frail new bushes,which did not try to resist the furor and the force,were still standing and many of them were stripped of their leaves.

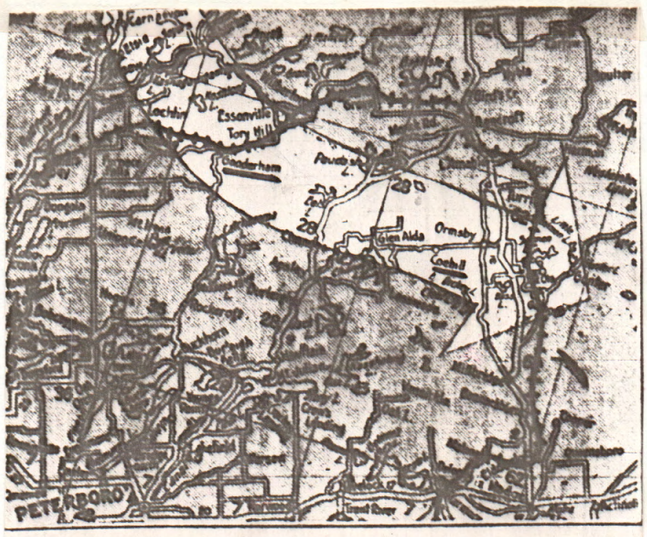
As the plane neared GOODERHAM,one of the worst hit by the storm, man's impotency against the caprices of nature was again evident.Here a feather light haystack stands,while the barn which sheltered it has been lifted from its stone moorings and scattered widely and crazily around the farmyard.

Near COE HILL,in HASTINGS COUNTY,twin trees,standing only inches apart,were separated.One remains,the other is a twisted mass—showing how knife-sharp was the outline of the tornado.

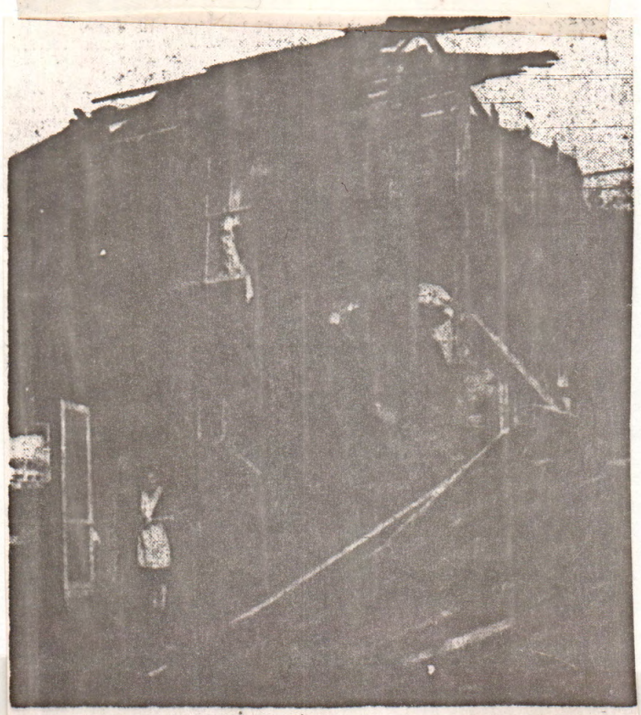
At a farm house five or six miles west, horses, their sturdy corrals broken, romp gaily over the area. The familiar snake fence has been thrown yards wide of its original position. From the skies are seen a group of men busily loading the hay blown about the barnyard back onto the floor of the barn, but the walls and the roof are gone.

Here and there through the countryside small groups of cars are gathered around the wreckage of farms and buildings. From this height the people seem almost motionless. At left, a tidy farm, with flourishing vegetable garden stands untouched, not more than 10 yards from the path of the storm. Cars, again looking like slow-moving colored beetles, converge on the spot — doubtlessly to help.

Here a roofless filling station by the side of the road — then trees flattened, a few miles on the scar healed — the tornado had spent itself.



Light arrow denotes path of tornado which swept through Southern Haliburton and Hastings Counties on Saturday.



This is a rear view of the CNR station at Gooderham. The shattered baggage room is seen at right: Most of the roof was torn off. Not much of the building remains.

Toronto Daily Star,
Sept 1, 2, 1947

If Dog Could Talk Farmer Might Find His Missing Barn

SEP 1 1947

Gooderham, Aug. 31 (Special).—If only his dog could talk, Farmer John McColl could find out where his barn is.

McColl saw the last of his barn just before the tornado struck here Saturday. The 120-mile whirlwind lifted the 60-foot barn as if it were a toy and whirled it out of sight.

The dog was chained in the barn and McColl thought he had seen the last of the animal. But about 45 minutes after the barn vanished, the dog was back on McColl's porch, dragging its chain.

McColl doesn't know where the barn was blown to but the dog does.

STORM AUG 30 1947

prayed," said Whitmore.

Myrna Ferguson, 12, was smashed to her death at the home of Mr. and Mrs. Harvey Neal, her grandparents.

Marjorie Peacock, 10, a visitor to the home of Mr. and Mrs. Fred Marshall, is in the Hospital for Sick Children, Toronto, after receiving internal and other injuries. Mr. Neal is in hospital at Bancroft.

"I don't care about myself," sobbed Mr. Neal in his bed today. "I would gladly die now if only that lovely little girl could be alive."

BURY TORNADO VICTIM DAY SISTER IS BORN

SEP 2 1947

Special to The Star

Coe Hill, Sept. 2 — Myrna Ferguson, 12, who was killed by the tornado that swept over this district over the week-end, was buried here today. Her mother, Mrs. Wesley Ferguson, was home in bed nursing a six-pound baby girl born this morning.

It had been feared the violent death of her eldest child would affect the health of the expectant mother, but doctors report both she and the baby are "doing well."

STORM AUG 30 1947

Violent Windstorm Was a Tornado, Expert Explains

SEP 2 1947

A violent whirlwind windstorm which took one life and caused heavy damage in Haliburton and Hastings Counties late yesterday was a tornado, a meteorologist at the public weather office at Malton said last night.

In the United States, cyclones, tornadoes and twisters are considered as a single type of weather phenomena but in Canada and British meteorology a distinction is made between cyclones and tornadoes.

A cyclone is a clockwise whirl which may cover several hundred miles but a tornado is a funnel-shaped cloud with extremely high circular winds which cuts a path through a narrow area, the meteorologist said.

The tornado Saturday occurred as a band of severe thunderstorms moved eastward through southern Ontario, he added.

The Globe and Mail

Edition ★ TORONTO, MONDAY, SEPTEMBER 1, 1947. 5 C

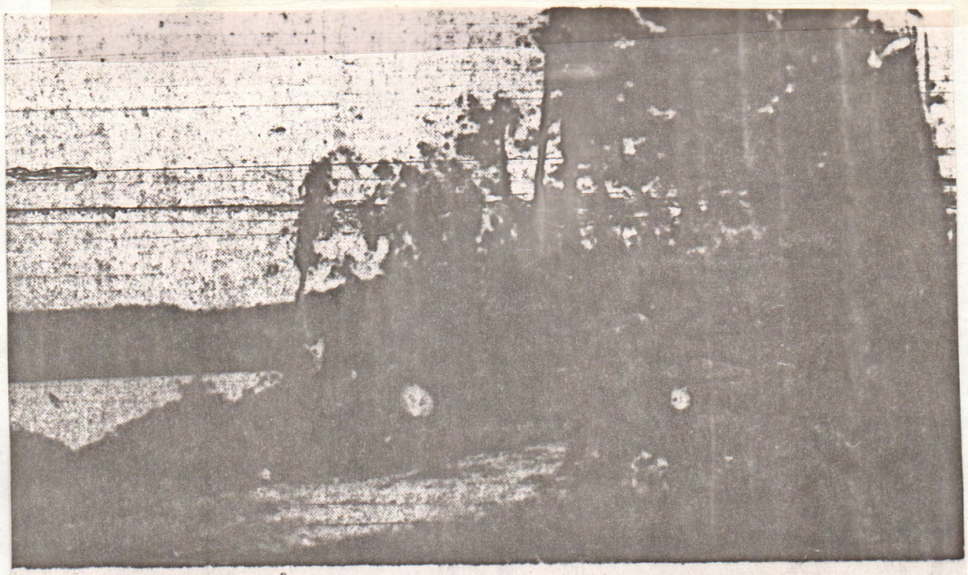
TORNADO KILLS ONE, HURTS 23

Rips Through 70 Miles Of 2 Ontario Counties

—Globe and Mail

Comparatively narrow path of twister as it whipped through Gooderham is shown in this view from Globe and Mail plane. Roof of barn at left has been torn off; lumber piles in yard flattened and scattered (middle and right) and trees smashed down (lower right). Houses beyond wind's path are undamaged.

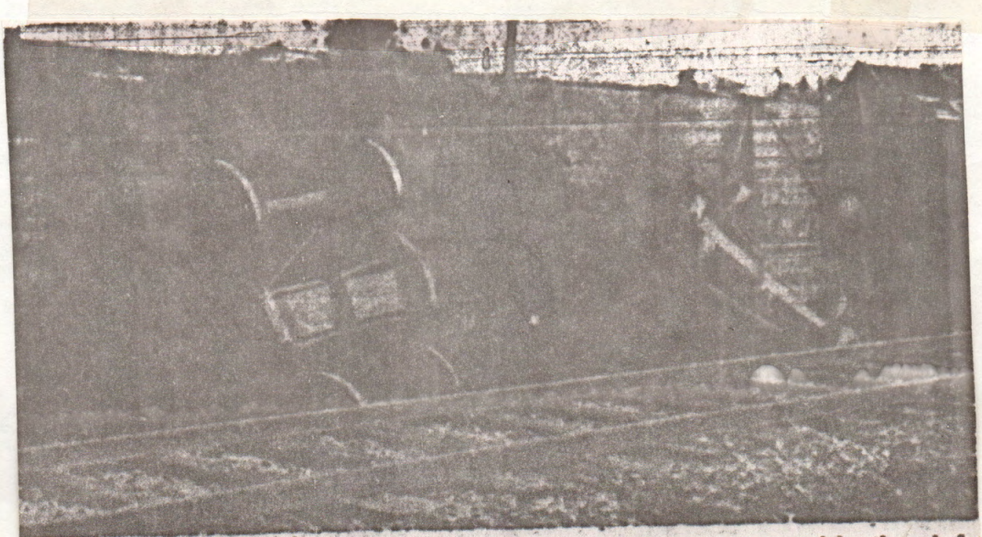
—Other Pictures Page 17.



Trees felled by the roaring wind blocked roads until cleared by men with saws and axes who cut through trunks and limbs and pulled them off.

—Globe and Mail Wirephoto

Pigs were freed from log pen on the farm of Fred Marshall at Coe Hill. Destruction was greatest in this district.



One box car at Gooderham Station was turned completely over on its roof by the wind, with its wheels dangling grotesquely at the end of brake rods.

—W. J. Day

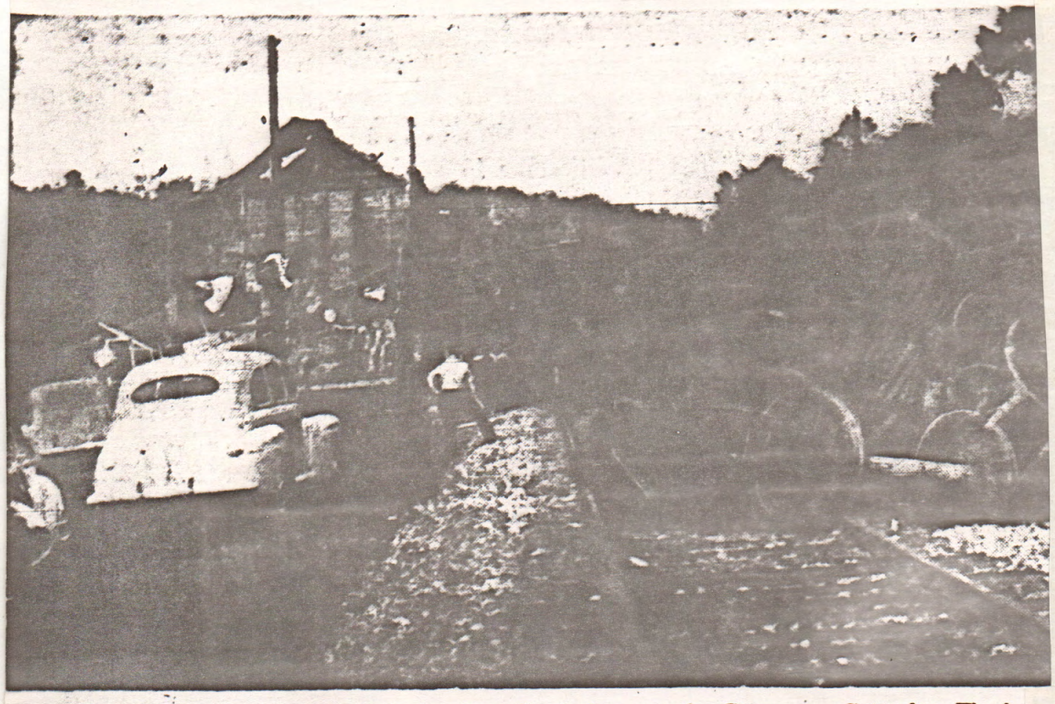
Small cottages along the river at Goo derham were overturned and smashed like matchboxes. In middle of picture is the overturned floor of one, with splintered walls and roof beyond. In water at left is corner of wrecked cottage occupied by W. J. Day, 251 Quebec Ave., Toronto.

—Globe and Mail Wirephoto.

House on the Neal farm, near Coe Hill, where 12-year-old Myrna Ferguson, was killed, was completely flattened by the twister. Nothing was left e' cpt splinters of wood. Note the leaves stripped from tree.

Trees are left leaning and flattened over large area near Gooderham. Air view indicates width of destructive swath cut by storm.

Train Derailed, Station Wrecked by Tornado S



Freight cars are toppled off the track at Gooderham on the Canadian National Railways line through Southern Haliburton County between Lindsay and Bancroft after twister cut swath of destruction across area Saturday. The ba
pletely wrecked
Two or three pa

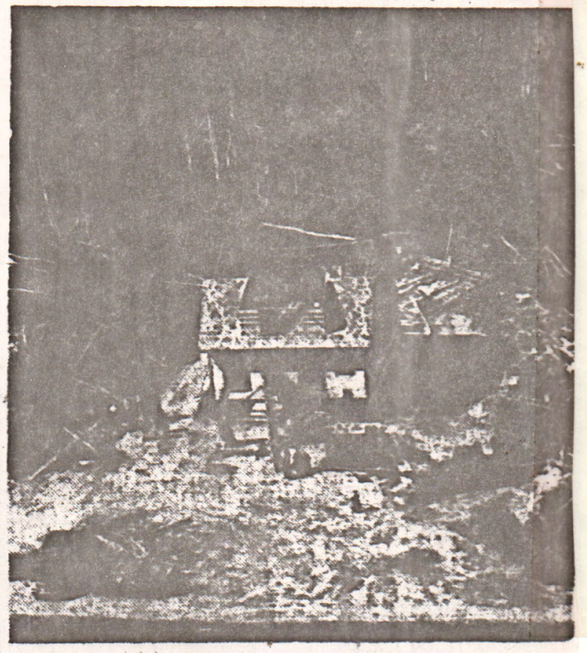
Big wrecking crane hoists cars back onto the track to restore service on the three-trains-a-week line.

The Globe and Mail

Second Section TORONTO, TUESDAY, SEPTEMBER 2, 1947, Page 17

90-Second Tornado Scatters Buildings Across Countryside

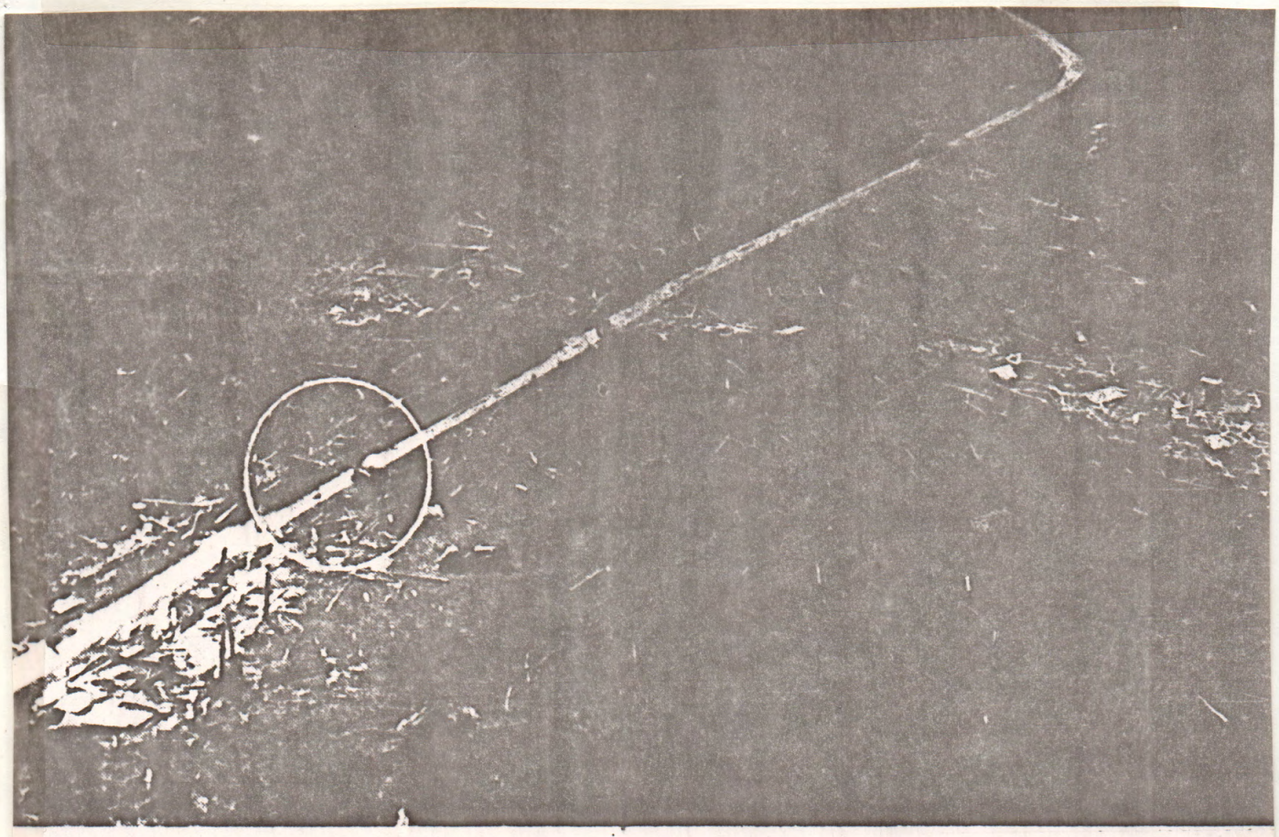
On farm of Fred Marshall (above), Marjorie Peacock, 10, of Faraday Township, a visitor, suffered severe injuries and was sent to the Hospital for Sick Children, where her condition last night was reported improved. Two Marshall children were tossed 150 feet; their mother was cut by glass. Bits of buildings were strewn across farm for 200 yards.

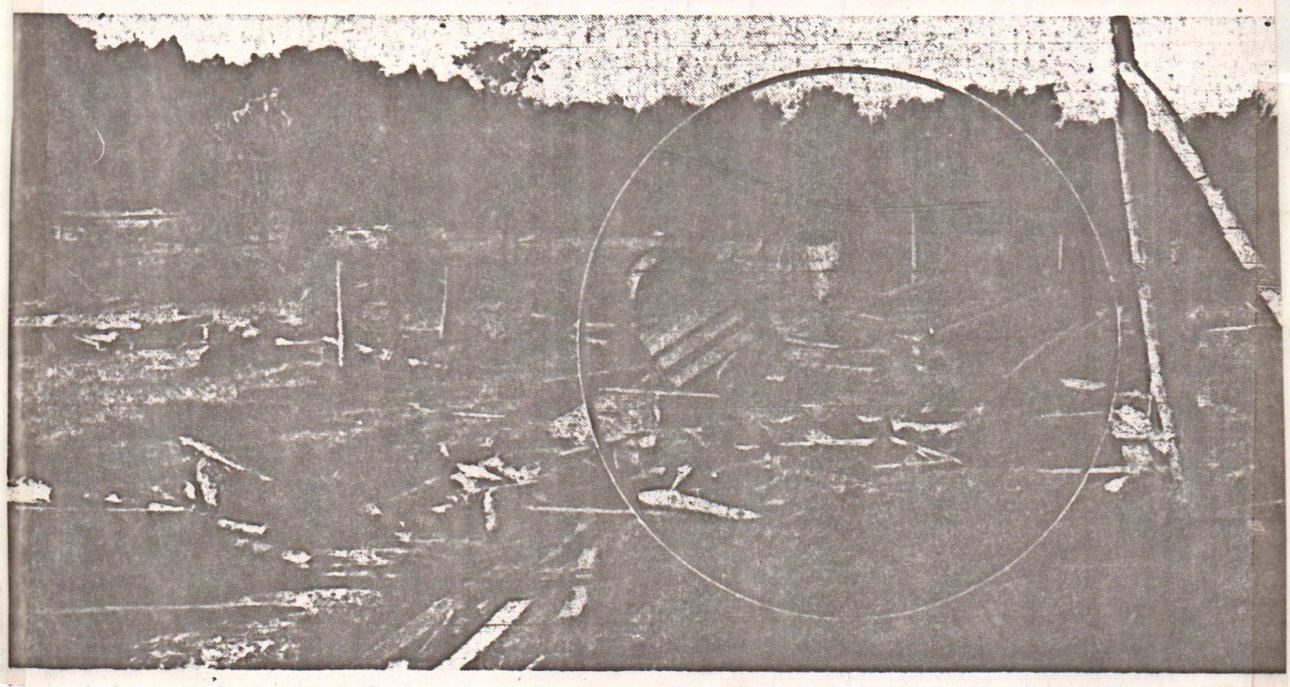


Fred Andrews of Belleville discovers the family alarm clock ticking merrily away in ruins of Neal home. Another shot from Globe and Mail plane shows ruins of service station of George Parks, 10 miles east of Coe Hill. Across from it not a tree was uprooted. Apparently this was twister's last contact with ground.

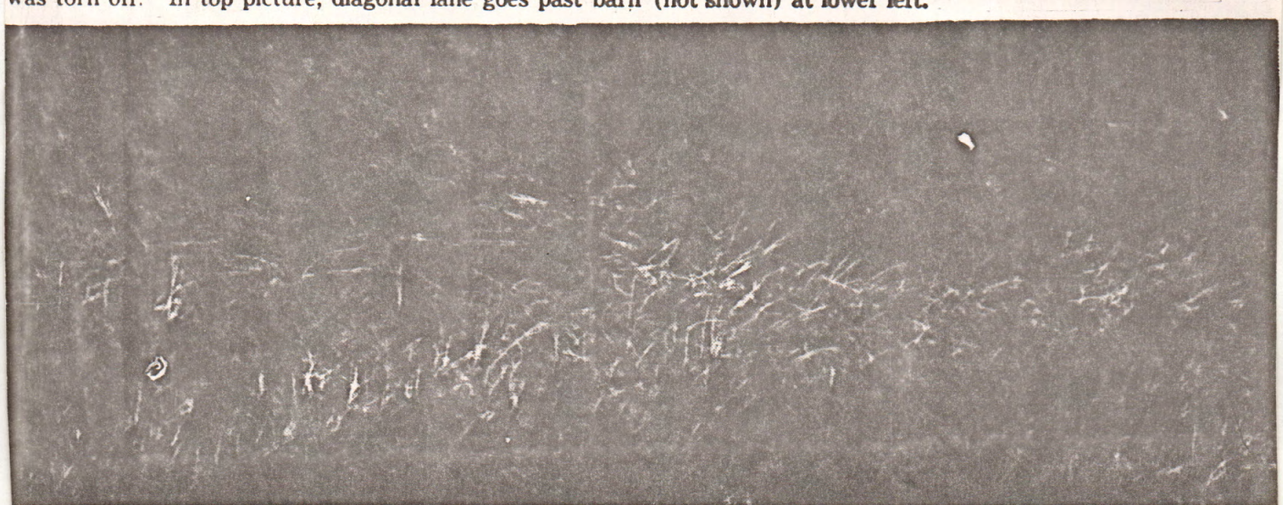
—Globe and Mail.

Circled in view of the Neal farm (top), near Coe Hill, taken from The Globe and Mail plane, is same spot circled in picture underneath it. Body of 12-year-old Myrna Ferguson was found in a tree on the edge of the farm, where it was tossed by Saturday's tornado, which whirled splintered wreckage of house, farm buildings and furniture over a wide area. Flock of sheep huddled beside barn still showed signs of fright 24 hours later. Beyond them is all that is left of Neal home.





Circles again link air and close-up views of the Campbell farm near by. House, driving and machinery sheds, chicken coops were torn to bits. Heavy binder and roller were dumped upside down in the lane. Roof of barn (left rear) was torn off. In top picture, diagonal lane goes past barn (not shown) at lower left.

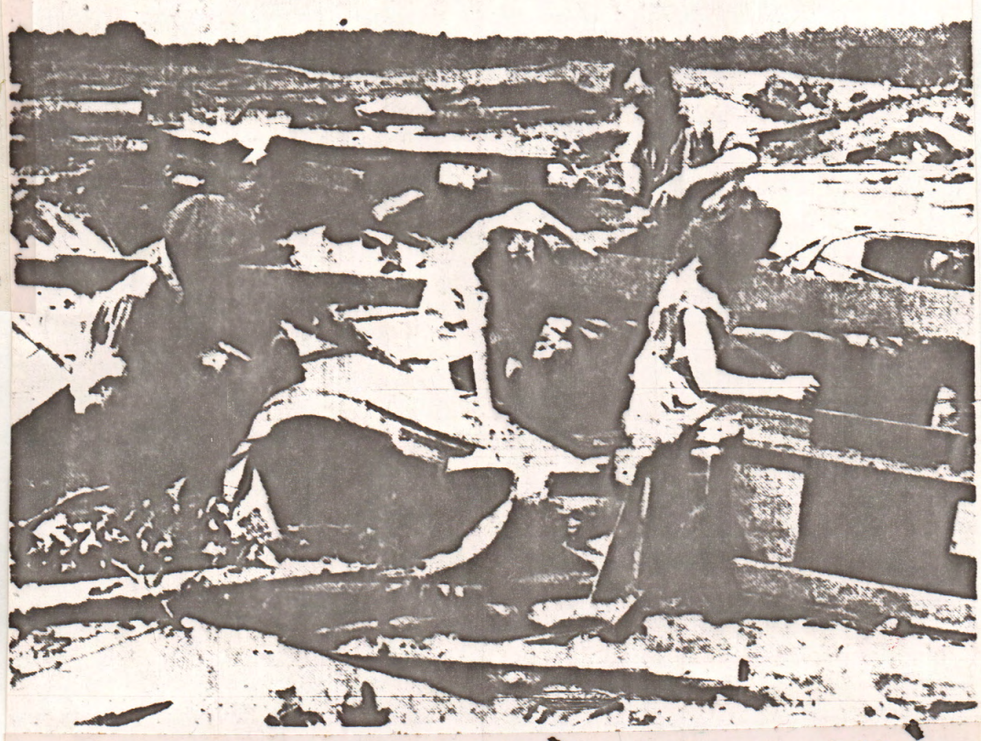


Fury of storm is reflected in wide swath of trees knocked down, leaning and twisted like jackstraws.

Neighbors Rally to Aid of Storm-Stricken Families

—Globe and Mail.

James Rosebush (left) and Clive Hoard take up collection for new home for Neal family who lost heavily when tornado hit their farm near Coe Hill. Also hard hit, Fred Marshall (right) sits on floor of what once was his house, surrounded by scattered household belongings.



Relatives search through scattered wreckage of the Neal home for valuables.

Summary Sheet

IDTO - ID Number :694703
AUTH - Report Author :
TYFU - Tornado Type & Fuji Code :a3
TITL - Report Title or Location :Coe Hill
PROV - Province :Ontario
COUN - Counties :Hastings
REFS - References :TS September 1, 2.
1947, GM September 1,2, 1947
ZOTO - Touchdown Zone Number & Easting :18271000
NOTO - Touchdown Northing :4971250
LOVA - Touchdown Error Value & Code :671r
DADA - Date of Data Entry :14/06/1990
ZOLO - Liftoff Zone Number & Easting :18286400
NOLO - Liftoff Northing :4976810
UPVA - Liftoff Error Value & Code :187r
DEAD - Number of Fatalities :1
HURT - Number of People Injured :20
HERT - Injuries Code :
DATA - Date of Tornado :30/08/1947
DAVA - Date Error Value & Code :
TITO - Time of Tornado :1630
TIMR - Time Meridian :75
TIVA - Time Error Value & Code :20c
AXDA - Maximum Path Width :
AXVA - Max. Path Width Error & Code :
AVDA - Average Damage Width :
AVVA - Avg. Damage Width Error & Code :
SADA - Sample Damage Width :
SAVA - Sample Damage Width Error & Code:
INTO - Initials :JAM
DFTO - Detailed Report Flag :n
JUNK - PRDA & DIMO & DALE :
CODA - Property Damage Code :
MISC - ORDE,PICS_TYPE,PICS_AVAIL,COCO : 112
MANY - Multiple Event Flag :y

MEMO:Frame houses, barns, and other buildings completely demolished. Long tracks of trees blown down. One fatality caused by young girl being hit by a flying timber. Some people were picked up and carried over 100 yards and the dropped into trees. A lot of missle damage was evident.

PHEN - Associated Phenomena :P A
TSHP - Townships :Wollaston/Limerick

JAM, 14/06/1990

694703

THE GLOBE AND MAIL.TORONTO,MONDAY SEPTEMBER 1ST.1947.

STORM DATE.(GOODERHAM) 5:25P.M.,SAT.AUG.30TH.1947.

TORNADO KILLS ONE,HURTS 23.

RIPS THROUGH 70 MILES OF TWO ONTARIO COUNTIES.

FIVE INJURED WHEN BLOWN TO TREETOPS.

BANCROFT,AUG.31.(Special) Roaring with the fury of a rocket bomb,a ›rnado late Saturday swept over the farm lands of two counties,blowing five ;rsons 100 yards from a wrecked home into the tops of a clump of cedar trees. killed one girl instantly,severely injured another and left 23 more victims, ›st of whom are in hospital.

In its wake lie the wreckage of half-a-dozen homes and a score of rns and buildings.

It wrecked a railway station at the village of GOODERHAM,where rst it struck,spilling the top storey across a mixed train,and toppling over ve box cars.Four persons were injured,none seriously.

A late report from the scene points to a second fatality.From the mlet of KIDD'S CORNERS,in the COE HILL district,comes word that a search has arted for a little girl,as yet unidentified,who has not been seen since the orm.

With a fierce growl that rose to a steady shrill moan,the twister pped east and south of GOODERHAM for 70 miles over the fields and woodlands HALIBURTON and HASTINGS COUNTIES,with a swath less than a half a mile wide.

But in no place did the devastation or the terror equal that in e COE HILL district.Eight miles from the hamlet it bore down upon three farm nes,wrecking all in 90 seconds.

In the first of these,12-year-old MYRNA FERGUSON,daughter of MR. MRS.WESLEY FERGUSON, of COE HILL,who was visiting her grandparents,was killed. skull was crushed by a flying timber.

Struggling across the fields to the rescue,neighbors found the five cupants of that home hanging in the trees.Screaming in terror,they clung to branches for dear life as the dying tornado whipped about them.

Some were bleeding and naked.The wind had stripped them of their thing as quickly as it had felled their home.Strewn far across the fields e just a few remnants of it,planks and boards.There was scarcely a trace of ir furniture.

In this household,as well as the dead girl,were MR.and MRS.HARVEY L,her grandparents;her brother,VERNON,age ten,and ELMER NEAL,an uncle,30. y were taken to BANCROFT HOSPITAL.

Homeless,too,is the CAMPBELL family,who lived nearby.In hospital

MR. and MRS. FRED CAMPBELL, their five children; MR. and MRS. LEO CAMPBELL, and their two children, and GERALD CAMPBELL.

The third home to topple was that of FRED MARSHALL, across the road. Here MARJORIE PEACOCK, 10, of FARADAY TOWNSHIP, a visitor, suffered a broken arm and possible internal injuries from which, it is feared, she may not recover. She was taken to the HOSPITAL for SICK CHILDREN in TORONTO, where her condition was first described as critical and later as satisfactory.

MARSHALL'S daughters, FAY, 10, and JEAN, 8, were hurled through the air and were found huddled against a cedar hedge 150 feet away. The family discovered 2-year-old UNA MARSHALL under a portion of the house siding, a huge splinter in her arm.

Caught up and tossed through the air for some distance, MERLE MARSHALL, 5 and JOAN, 3, suffered minor injuries.

Their mother rushed into the woodshed as the storm approached. When panes of glass shattered around her, she knelt and covered her face with her hands. The storm lifted the woodshed off her and carried it away but the woman was only slightly cut and bruised.

The storm broke around 5:15p.m. amid terrific flashes of lightning and deafening thunder claps. Plainly seen for miles, a smoky black cone spread low in the heavens unleashing torrents of hail and rain. Its fury was spent in 15 minutes.

Leaving desolation and the scars of desolation throughout the quiet countryside, the tornado also played fantastic pranks, uprooting trees and telephone poles and planting them firmly upside down in the earth.

Near COE HILL it lifted a service station off its foundation, drew out a car inside it and parked it on top of the structure with sufficient force to crush the roof.

Each building it struck was not blown directly down but spun in the air and then scattered to the winds.

NEAL and his son ELMER, were hauling in a load of hay when they saw the storm coming. ELMER had sought shelter in the garage when the wind hurled the structure more than 100 feet. He suffered a crushed leg, broken nose and several minor cuts. The elder NEAL suffered several fractured ribs. MRS. HARVEY NEAL'S foot was broken and she was staying with friends in BANCROFT.

From his hospital bed, ELMER NEAL described his experience.

"I saw this great black cloud coming. The roar was terrific. I could see huge trees swirling through the centre like toothpicks.....I don't know how long I was lying unconscious."

Moving east, the tornado wiped a line of trees off a hilltop and

roared across ROBINSON LAKE and struck a barn owned by MRS.A.NOTTAGER. The extent of the damage could not be learned as roads in the area were blocked with fallen trees.Nearby,a cottage owned by FOSTER McKILLICAN was carried off.

The storm carried off a garage,a cabin and an icehouse on the GEORGE PARKS farm on HIGHWAY No 62,which runs from MADOC to BANCROFT.It tore the roof off PARKS'house and badly damaged the walls.

The tornado then struck SALMON LAKE,northeast of MADOC.It picked up a boat containing three unidentified United States residents who had been fishing on the lake.The men were dumped into the water but swam ashore.

It was reliably reported that a small cabin was seen,about 100 feet in the air,blowing across SALMON LAKE.

With telephone and telegraph lines down,BANCROFT still was isplated.Settlers worked most of to-day to clear away fallen trees criss-crossed on roads.

DR.E.R.BEATTY of MADOC,who made a rush call to the COE HILL district,said:"The storm struck them so quickly they scarcely knew what happened.On the way to the scene I could not believe my eyes."

"What startled me first was the weird way in which the big elm trees were twisted.You could see the path of the tornado as plainly as if a giant bulldozer had run over it.Everything was flattened.At the fringes the trees were littered with shingles,boards and the tops of trees that had been blown down.

"It brought a lump to your throat when you saw a child's dress waving from a tall limb.I treated the injured Ihave lost track of the number.

"A man told me,'I was lying on the floor and I closed my eyes when I felt the house sway.When I woke up the only thing I saw of the house was some boards being blown way up in the air high above the trees.The wind picked up the house,turned it around,then smahed it on the ground like a piece of kindling wood,then blew the wreckage to bits.'"

JACK HATCH,14-year-old son of Provincial Constable J HATCH of BANCROFT,who visited the scene last night with his father,said:

"You would have to see the wreckage to believe what happened. One house was carried 100 feet from its foundation and flattened.You couldn't find one stick of furniture near it.All the stuff in the kitchen and the bedrooms was blown out.Yet in the cellar of the foundation you could see the preserves on the shelves,standing there ready to be opened for supper.

Tops of barns were blown off and hay spilled all over the barnyards. It looked as if the tornado had tried to coil it up.

"I looked up at a tall elm tree at the edge of the swath. The top had been broken off and in its place was planted the top of a balsam tree.

"Another elm tree was completely uprooted and swept for 350 feet before the storm let go of it.

"In a field I saw the end of a piano. There was nothing left of it but the end. The keyboard, the strings and every other piece of it had disappeared.

"In another field lay two cars. One had rolled over and over on its side for 200 yards up a steep hill. Only the tires were not damaged.

"In the farmyards with the wrecked barns you saw the pigs nosing about as if nothing had happened.

Crossing another stricken farm the constable's son saw the top torn off a well.

"That gives you an idea how terrific the suction of the storm was," he said.

Another home struck was that of ERNEST ANDERSON, occupied by himself and his wife. A barn nearby, owned by JACK ANDERSON, also disappeared in the twisting funnel and was wrecked.

Sweeping over SPRING LAKE, the twister in its "blowing out" stage ripped into the C.N.R. main line from TRENTON to BANCROFT, littering the tracks with trees and tearing down all communications, including telephone, forestry and telegraph lines to BANCROFT.

The twister levelled an area of standing timber at PAUDASH, in HASTINGS COUNTY, slapping down huge trees "like match sticks". No buildings were in that area.

An official of the BANCROFT RED CROSS HOSPITAL said it was impossible to recognize the victims as they walked and were carried in. He said they were caked with mud and dirt, and their clothing ripped.

Reeve CLARK ROLLINS, of WOLLASTON TOWNSHIP, organized a party of men to get the injured to hospital. They had to clean roads of fallen trees, but got cars in to rush the people out.

DR. S.R. BEATTY of MADOC was one of the first in and rendered first aid on the spot.

Traffic in the area was tied up. Extra police were rushed from Belleville, MADOC and from here to control the chaos.

Prov. Cons. JOHN HATCH of MADOC placed a call for relief to the TORONTO RED CROSS shortly after the tornado struck.

ROOFS VANISH, 5 BOX CARS OVERTURNED.

GOODERHAM, AUG. 31, (Staff) Five freight cars were rolled over like match boxes, the local AGRICULTURAL HALL vanished and roofs were torn off like tops of cardboard cartons late Saturday afternoon when the tornado hit this village

Racing along at 120 miles an hour, a cone shaped cloud whirled across the village carrying trees, scantlings and even birds in its vortex. It struck with the roar of a dozen freight trains, eyewitnesses said, and in 90 seconds had disappeared, leaving wrecked homes and buildings in its wake.

The mixed passenger and freight train which operates between LINDSAY and BANCROFT was standing at the C.N.R. STATION when the tornado struck.

Three persons were injured and five freight cars were bowled over, the roof was torn off the station and the EXPRESS SHED was demolished.

The injured are MURRAY POLSON, the relief STATION AGENT, who was hit by a scantling blown from the village LUMBER YARD. BOB FERGUSON, brakeman, also hit by a piece of lumber and EARL MITCHELL, a passenger on the train.

The roof of the SAW MILL was ripped off and a few thousand feet of lumber scattered over the countryside. Four cottages were wrecked, two of them smashed to smithereens. All that is left of them are the cement abutments to which they had been anchored.

The AGRICULTURAL HALL, where the village fair is held annually, was picked up and blown away. A barn belonging to JOHN McCOLL, a mile west of here, vanished in the same way.

Waves ten to twelve feet high were whipped up on nearby PINE LAKE as the tornado hit. Boats were torn from their moorings and were floating overturned in the water today.

Tall pine and cedar trees lining PINE LAKE were felled like jackstraws. The highway north of here was blocked for nearly six hours Saturday night by the trees which had been swept across it for a distance of 500 yards, the width of the tornado swath.

A fierce hail storm heralded the approach of the tornado.

W.J. DAY, 251 QUEBEC AVE. TORONTO, was in the bush about six miles north of GOODERHAM, at the time, clearing some property for a proposed summer home.

"There were four of us and we all ran for my car as the storm started," said MR. DAY.

"It is a good thing we made the car when we did. Hailstones pounded on the roof of the car so hard that I thought it would cave in. They were big flat stones, half the size of saucers. Sitting in the car, we could not see more than five feet outside."

MR. DAY escaped the tornado but saw its wreckage as he drove back to GOODERHAM. Twice he had to get out and strip trees which had been felled and lay lengthwise on the rough road. One of them was a knotty pine 18 inches in diameter, and he showed blisters on his hands from chopping at it with an axe.

Finally, he was blocked outside GOODERHAM by the mass of trees which overlay the road where the tornado had actually cut across it.

Day was staying at one of four cabins owned by T.R. PEACOCK on PINE RIVER, just outside the village. When he got there, he found his cabin upside down in the river. Everything he had with him except the bush clothes he was wearing had been blown away or ruined by water.

The cabins were about 16 by 12 feet and were secured to cement abutments. MR. DAY'S cabin was largely intact but all that remained of the other three cabins was about half of one of them. Wreckage was strewn on the opposite of the river.

MR. PEACOCK, the owner of the cabins, put his loss at $2,500. For the past two years he has worked to build the cabins and the fruits of his labour went in 90 seconds.

When the storm struck the C.N.R. STATION, MRS. A. CARMICHAEL ~~of LINDSAY~~ who is stationmaster, was inside with her daughter, MISS FAY CARMICHAEL of LINDSAY. The doors jammed and the two terrified women were trapped within it until the tornado had passed.

"There was a terrific uproar," said MISS CARMICHAEL. "Laths and scantling were flying everywhere. The whole back and side of the express shed beside our living quarters disappeared. The roof was lifted off the living quarters. When we finally got outside, the station platform was so littered with debris that the passengers and trainmen could hardly move. The trainmen finally managed to free us."

MRS. CARMICHAEL'S finger was cut by flying glass but MISS CARMICHAEL escaped injury.

With their living quarters in the station demolished the CARMICHAELS have moved what they could find of their personal effects into an empty boxcar where they are now living. One of Mrs. Carmichael's white curtains is hanging from the top of a near-by telephone pole.

Much of their clothing was blown away but their furniture is

largely intact.

DALLYN PICKENS, owner of MOUNTAIN VIEW LODGE, a hotel near the village, left his supper and ran out onto his verandah to see the twister approach at 5:25p.m. It came from the northwest, he said.

"I saw a funnel of air whirling along," he said. "It picked up the STATION roof and the MILL roof and carried them away."

In half a minute, he estimated the tornado travelled a mile, making its rate 120 miles per hour.

CRAWFORD SHIER, a village resident, saw planks flying through the air after the tornado passed over the LUMBER YARD owned by J.E.HUNTER. SHIER hurried his wife and their eight-months-old son DAVID, out of their house and they all lay down on the grass. Planks from the lumberyard fell near their house but they were unhurt.

MOSS MADILL, another villager, said the waves on PINE LAKE were 10 or 12 feet high. Trees were uprooted and carried away. He also saw chickens being carried in the twister, he said.

YOUTH IS BLOWN 100 FEET, BRUISED AND KNOCKED OUT. By LEX SCHRAGG.

—Globe and Mail Wirephoto.
Glen Beggs,
16, of Coe Hill, who was rendered unconscious when tornado struck woodshed in which he had taken shelter.

COE HILL, AUG. 31. (Staff) Several miles north of COE HILL, on what is known as the ROSE ISLAND ROAD, the tornado left its worst havoc and I have talked to a youth who lived through it.

He is 16-year-old GLEN BEGGS, a hired hand on the farm of MR. and MRS. LEO CAMPBELL. There the house was obliterated, the roof torn off the barn and a machine shed blown away.

Suffering a badly bruised head, Glen was carried 100 feet through the air. He doesn't remember that. He is sure he must have been, however, for there is no other explanation.

"We were eating supper when the storm blew the house to bits," he said. "It was roaring like an express train. The air was full of mud and sand. I rushed to the woodshed. There I felt myself being lifted. When I came to, I was in the field. I must have been knocked out."

"The next thing I remember was LEO CAMPBELL scrambling through the wreckage. He was looking for his wife. She was hurt but not badly, I am told. He found her lying among the debris. Then Leo ran to find a car that would run. There were two on the farm. One belonged to Leo and the other to his brother, Gerald.

"One car had been rolled on its side and was a wreck.The other had the roof taken off it but it would still run.He put MRS.CAMPBELL in it and started off for the road.But he could not travel there because it was blocked with telephone poles.He bounced over the fields for help to the home of my aunt,MRS EMMA MASTERS."

"The CAMPBELL'S lost everything.They later found the warming oven of the kitchen stove and parts of their radio on a hill 300 yards from the side of the house.THeir furniture is scattered for miles.

"I saw the binder upside down in the lane.It had been carried 500 feet. A field roller was stood on end against a post.The tornado ripped the wire from the fence.The road grader took a twisting too."

IF DOG COULD TALK FARMER MIGHT FIND HIS MISSING BARN.

GOODERHAM,AUG.31.(Special)If only his dog could talk,Farmer JOHN McCOLL could find out where his barn is.

McCOLL saw the last of his barn just before the tornado struck here Saturday.The 120 mile whirlwind lifted the 60 foot barn as if it was a toy and whirled it out of sight.

The dog was chained in the barn and McCOLL thought he had seen the last of the animal.But about 45 minutes after the barn vanished,the dog was back on McCOLL'S porch,dragging its chain.

McCOLL does't know where the barn was blown to,but the dog does.

VIOLENT WINDSTORM WAS A TORNADO,EXPERT EXPLAINS.

The violent,whirling windstorm which took one life and caused heavy damage in HALIBURTON and HASTINGS COUNTIES late yesterday was a tornado,a meteorologist at the PUBLIC WEATHER OFFICE AT MALTON said last night.

In the UNITED STATES,cyclones,tornadoes and twisters are considered as a single type of weather phenomena but in CANADA and BRITISH meteorology a distinction is made between cyclones and tornadoes.

A cyclone is a clockwise whirl which may cover several hundred miles but a tornado is a funnel-shaped cloud with extremely high circular winds which cuts a path through a narrow area,the meteorologist said.

The tornado Saturday occurred as a band of severe thunderstorms moved eastward through Southern Ontario,he added.

TORNADO CASUALTY LIST.

BANCROFT, AUG. 31. Casualty list in the HASTINGS and HALIBURTON COUNTIES tornado, reported thus far, follows:

DEAD.

MYRNA FERGUSON, 12.

INJURED.

VERNON FERGUSON, 10.
MR. and MRS HARVEY NEAL.
ELMER NEAL, 30.
MR. and MRS. FRED MARSHALL.
FAY MARSHALL, 11.
JEAN MARSHALL, 9.
MERLE MARSHALL, 7.
JOAN MARSHALL, 5.
UNA MARSHALL, 2.
MARJORIE PEACOCK, 10.
MR. and MRS. LEO CAMPBELL,
GRADEN CAMPBELL, 10.
COLLEEN CAMPBELL, 8.
GERALD CAMPBELL, 26.
MR. and MRS. ERNEST ANDERSON.
JOHN ANDERSON,
MURRAY POLSON.
BOB FERGUSON.
EARL MITCHELL.

All the injured are in BANCROFT HOSPITAL, except MARJORIE PEACOCK, who was taken to HOSPITAL for SICK CHILDREN in TORONTO.

GLOBE AND MAIL, TUESDAY SEPTEMBER 2ND. 1947.

TORNADO JERKED WATER 100 FEET UP.

TWEED, SEPT. 1. (Special) Reports of a broken power line at STEWARTSVILLE prompted the suggestion today that the tornado which hit EASTERN ONTARIO on Saturday may have cut a swath through the bush 100 miles long.

The twister was believed responsible for the power line cut at STEWARTSVILLE, 30 miles northwest of OTTAWA. Thus it roared through five counties HALIBURTON, HASTINGS, LENNOX, and ADDINGTON, FRONTENAC and RENFREW. It was suggested that after travelling from GOODERHAM in HALIBURTON to BON ECHO ROCK in FRONTENAC the tornado turned west to STEWARTSVILLE.

Provincial forestry officials said, after viewing the path of the tornado, that some lakes were nearly filled with logs from trees blown into them.

A hard hit area was CLOYNE at LAKE MAZINAW, 40 miles northeast of TWEED, Several cottages were demolished and all wire communications cut.

LLOYD VAN WYCK, formerly of GALT, who recently established a tourist resort on LAKE MAZINAW, said the storm finally spent itself in the lake a few yards in front of his cottages.

[redacted]

"My wife and two small children PETER and JOHN huddled in the cottage as the twister ripped down telephone lines and trees all around us

and we expected any moment that we would be swept out into the lake with the rest of the debris,"he said."The lake was churned up as though from an atomic bomb.The water was swept out fifteen feet from shore and it suddenly spiralled upward at least a hundred feet."

Today the shore line is littered with branches from uprooted trees, pieces of wood and other refuse.Immediately after the storm,the sky turned yellow,there was a heavy downpour of rain and then it cleared up.

"We suddenly saw that the sky was becoming black,all at once there was a tremendous roar,and the tornado swept in from the west with terrible velocity,flattening everything in its path.I would say that it cut a swath about a quarter mile wide through the bush and it looked as though a giant bulldozer had gone through crumbling everything in its path,"VAN WYCK told newspapermen.

JAMES STONE who operates a coach line between TWEED and DENBIGH, was held up some time as highway workers under the direction of THOMAS KITTINGBECK attempted to clear the road of trees which had been uprooted. STONE said he was warned to return to CLOYNE by a party of American tourists who were unable to get through.

WALLACE MOON of TWEED who was en route to the northern lakes for the holiday and was likewise held up at CLOYNE for some hours,said cottagers told him that the roar was greater than a dynamite explosion. A careful check of damage is impossible with telephone lines down,but MRS. J.J.VOGAN,NORTHBROOK operator,said no persons were injured in the area,so far as is known.

TORNADO BLAST PINS OLD WOMAN BENEATH BEAM.

By JACK HAMBLETON.

COE HILL,SEPT.1.(Staff)A grieving grandmother lies on a bed at the home of a relative near BANCROFT today,fretting over the death of her granddaughter MYRNA FERGUSON,and worried about the future.Her home and all her earthly possessions are gone scattered by the tornado which Saturday demolished four farm homes in this area.She is MRS.HARVEY NEAL.Trying to comfort her is VERNON FERGUSON,10,her second grandchild,who also was with her when the storm struck.Of the NEAL home,there is not five cents worth of furniture,food or clothing worth salvaging.HARVEY NEAL himself is in hospital at BANCROFT,last of 23 injured to be still in hospital.He cries when you talk to him .Everthing he owned is gone.

This is MRS.NEAL'S story of what happened in those few brief minutes of Saturday night:"MYRNA was in the kitchen with me helping to dry

Mrs. John Sarginson of Bancroft cares for Vernon Ferguson, whose face was cut in same blast which carried his sister Myrna to her death, and Mrs. Harvey Neal.

Harvey Neal

the dishes. I looked out and saw the storm. I said to her, 'The barn is going to be blown over.' I closed the doors and windows in the house, and then saw the men (her husband and two sons) running for the house, The front door blew open and I rushed to shut it. That is the last I remember.

"When I recovered I was lying face down on the ground where the door had left me. The floor itself was gone and I was trapped under a beam. My shoes were gone. I know I had them on when I went to close the door, but I don't know what happened to them after. We found the little girl amidst the wreckage.

"My foot was badly cut somehow, and my body is covered with bruises, scratches and cuts, but how I got them I don't know. LEO CAMPBELL, whose farm was near ours (and also destroyed) had the only car around which would run and he drove it into COE HILL for help. The people there have been simply wonderful. They streamed in here and took us to the Red Cross Hospital at BANCROFT, where the nurses gave us all first aid. My husband is still there. I don't know what we are going to do. We can get help to rebuild, but we haven't a thing to rebuild. All our possessions are gone."

Where MRS. NEAL stood to wash the dishes is today a shapeless pile of rubble. Her jars of preserves — prize possessions of any farm woman — are a mess of broken glass and fruit. Not a dish remains unbroken; not a stick of furniture intact.

Just over the hill is where the farm of FRED MARSHALL was located. His five children were all injured, while MARJORIE PEACOCK, 10, a visiting friend, was blown with his daughters JEAN and MERLE from the top story of the house to the top of the hill 100 yards away. The PEACOCK child is seriously injured and in HOSPITAL for SICK CHILDREN, TORONTO.

As nearly as he knows, this is what happened at the MARSHALL home: "I saw it coming. It seemed to roll over and over and carried trees, roots and all, at least 250 feet in the air. I had just driven home, and told my wife I had better close the windows of my car. Back at the house, the sky was black as tar, with the storm cloud seemingly rolling low, but the sky quite

clear above.

"We would have had time to get to our root house,near by,but I didn't think it was going to be bad enough for that.Then it came,and I suddenly found myself flying through the air.I crashed into the branches of an elm tree about 50 feet away,and when I came around there was nothing left of the house.I found MERLE,JEAN and the PEACOCK child 100 yards away on the hill.They had been upstairs when the storm struck and it evidently carried them in a line from the second story to the hillside.

"The stove is away back in the bush.As an indication of the suction of the storm,the radio battery is about 50 yards away.My car was wrecked, and there isn't enough left of the house to start a fire."

At the CAMPBELL farm,the story is the same.It rests in a valley not far from MARSHALL'S.The cleared hillside half a mile away is littered with the remains of the house,blacksmith shop and other buildings.

COE HILL is about 50 miles north of PETERBOROUGH,but to reach it you have to leave the highway and take to the twisting,hilly roads.Driving over these at more than five miles an hour is dangerous driving.Yet all through the weekend hundreds of farmers made the trip,not just for morbid curiosity,but because they wanted to help.A collection being taken at the site of the NEAL farm already totals more than $500,and by no stretch of the imagination could the COE HILL district be called a prosperous farming community.

That is what makes MRS.NEAL cry,too,"People have been simply wonderful to us."she said today.

Meanwhile,Nurses MRS.EVA PORTER and MRS.BEATRICE DORESA of the little BANCROFT HOSPITAL,heaved a sigh of relief.Nine persons in all were given first aid on that hectic Saturday night;three were hospitalized and tonight only MR.NEAL remains.

"It was simply horrible,"they said."these unfortunate people were brought in here simply cut,bruised and burned almost beyond recognition. Dirt was plastered into their skins.The women and girls who have gone home from here will have an awful time getting debris out of their hair.We did the best we could,cleaning them up as much as possible,but even so we couldn't get all the dirt off."

Today the homeless children and adults are scattered over a wide area.Some are with relatives or friends at BANCROFT or COE HILL,others throughout CHANDOS and GLENALDA TOWNSHIP.The Red Cross has flown medical supplies and clothing to supply them,but the districts inaccessibility makes it hard for the goods to reach them.Farmers from all around the area

have given up their own farm work,at least temporarily,while they try to salvage what crops they can for the stricken families.They won't amount to much,for at the NEAL home,for instances,even onion and potatoes were blown right out of the ground.

TORNADO'S COURSE CUT ACROSS EARTH LIKE SABRE WOUND.

By HELEN BEATTIE.

Like a curving,disfiguring sabre scar across the face of HALIBURTON and HASTINGS COUNTIES,the devastation left by Saturday's tornado is as clearly defined as a highway on a road map.

From the GLOBE and MAIL'S Grumman amphibian plane a tour of the path of the storm,through the forest,the small villages and tiny settlements,bustling activity indicates already that the work of reconstruction has begun.

The aircraft left MALTON at 10a.m.,circling first over the Exhibition grounds,toward which crowds already moved as if drawn by a magnet.From the height,the thousand of parked cars lined along the lakeshore lokked like orderly shiny bugs gathered for a convention.The seaplanes in the harbor were for all the world like dragon flies hovering over the water.

Above North Toronto,the plane gained height and then took off northeast over the rich Ontario farm lands.For some minutes the picture had a pattern—the orderliness of man—who planned and arranged.

Then the picture changed abruptly.In the span of minutes nature in a petulant mood,disarranged not only man's pattern but her own.Marked as clearly as if it had been carved by a huge sickle is a path of wastage running northeast.Here in the path of tornado,trees have been flattened out as if a huge rock had rolled over them——their roots wrenched from the soil.

Only the frail new bushes,which did not try to resist the furor and the force,were still standing and many of them were stripped of their leaves.

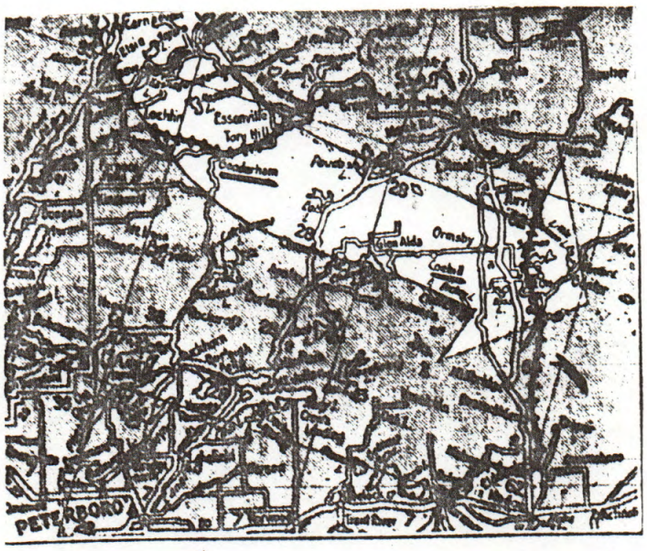
As the plane neared GOODERHAM,one of the worst hit by the storm, man's impotency against the caprices of nature was again evident.Here a feather light haystack stands,while the barn which sheltered it has been lifted from its stone moorings and scattered widely and crazily around the farmyard.

Near COE HILL,in HASTINGS COUNTY,twin trees,standing only inches apart,were separated.One remains,the other is a twisted mass—showing how knife-sharp was the outline of the tornado.

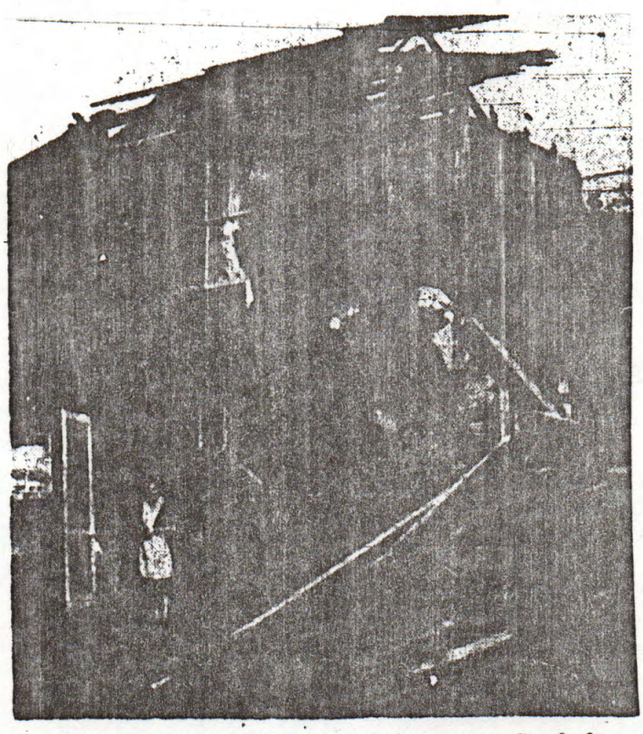
At a farm house five or six miles west, horses, their sturdy corrals broken, romp gaily over the area. The familiar snake fence has been thrown yards wide of its original position. From the skies are seen a group of men busily loading the hay blown about the barnyard back onto the floor of the barn, but the walls and the roof are gone.

Here and there through the countryside small groups of cars are gathered around the wreckage of farms and buildings. From this height the people seem almost motionless. At left, a tidy farm, with flourishing vegetable garden stands untouched, not more than 10 yards from the path of the storm. Cars, again looking like slow-moving colored beetles, converge on the spot — doubtlessly to help.

Here a roofless filling station by the side of the road — then trees flattened, a few miles on the scar healed — the tornado had spent itself.



Light arrow denotes path of tornado which swept through Southern Haliburton and Hastings Counties on Saturday.



This is a rear view of the CNR station at Gooderham. The shattered baggage room is seen at right. Most of the roof was torn off. Not much of the building remains.

HAILSTORM;SAME DAY AS GOODERHAM TORNADO.

THE GLOBE AND MAIL,MONDAY SEPTEMBER 1ST.1947.

STORM DATE.P.M.,SAT.AUG.30TH.1947.

HAIL LIKE ICE CUBES;DAMAGE IS $2,800,000.

CHATHAM,AUG.31.(Special)It rained ice-cubes across a wide stretch of the north shore of LAKE ERIE Saturday when hailstones of phenomenal size and shape levelled whole fields of tobacco.

Storm damage was estimated at $2,800,000.

MARTIN A.DREW of MERLIN,chairman of the ONTARIO BURLEY TOBACCO GROWERS'ASSOCIATION,declared he had never seen anything to equal the storm. "The stones were two inches square by actual measurement,"he said."Many farmers including myself,lost their entire tobacco crops."

Weathermen claim that hailstones are invariably spherical in shape but CHATHAM eyewitnesses,nevertheless,avowed that the stones were rectangular,like ice cubes out of an electric refrigerator.According to meteorologists,this phenomenon might be the result of several hailstones uniting.

Some areas escaped the big storm which seemed to strike in hit-and-miss pattern.Lightning and torrential rain accompanied the hail.A barn was hit and destroyed by fire in the MORPETH area.Crops and small buildings were blown down.The local sewers overflowed and streets and basements were flooded a foot or two deep.

At ST.THOMAS,Superintendent W.A.ALLAN of the ST.THOMAS WATERWORKS DEPARTMENT,said he found a hailstone measuring an inch-and-a-half long,an inch wide and five-eighths thick.

Windows were broken around MERLIN and after the storm boys played catch with the giant hailstones.

At WALLACEBURG the WALPOLE ISLAND INDIAN FAIR was in progress and an Indian beauty contest was among the events which had to be cancelled. As in other places where the storm struck an inch-and-a-half of rain fell. The WALLACEBURG storm came in three instalments and during one of these storms visibility was so low that motorists had to switch on their headlights

After the afternoon hailstorm,an electrical storm hit ST.THOMAS during the evening.A motor in the powerhouse at the CHESAPEAKE & OHIO RAILROAD LOCOMOTIVE SHOPS was struck by lightning.Rural linesmen were out most of the night,repairing transformers and lines.

HAILSTORM, SAME DAY AS GOODERHAM TORNADO.

THE GLOBE AND MAIL, TORONTO. TUESDAY SEPTEMBER 2ND. 1947.

STORM DATE. SAT. AUG. 30TH. 1947.

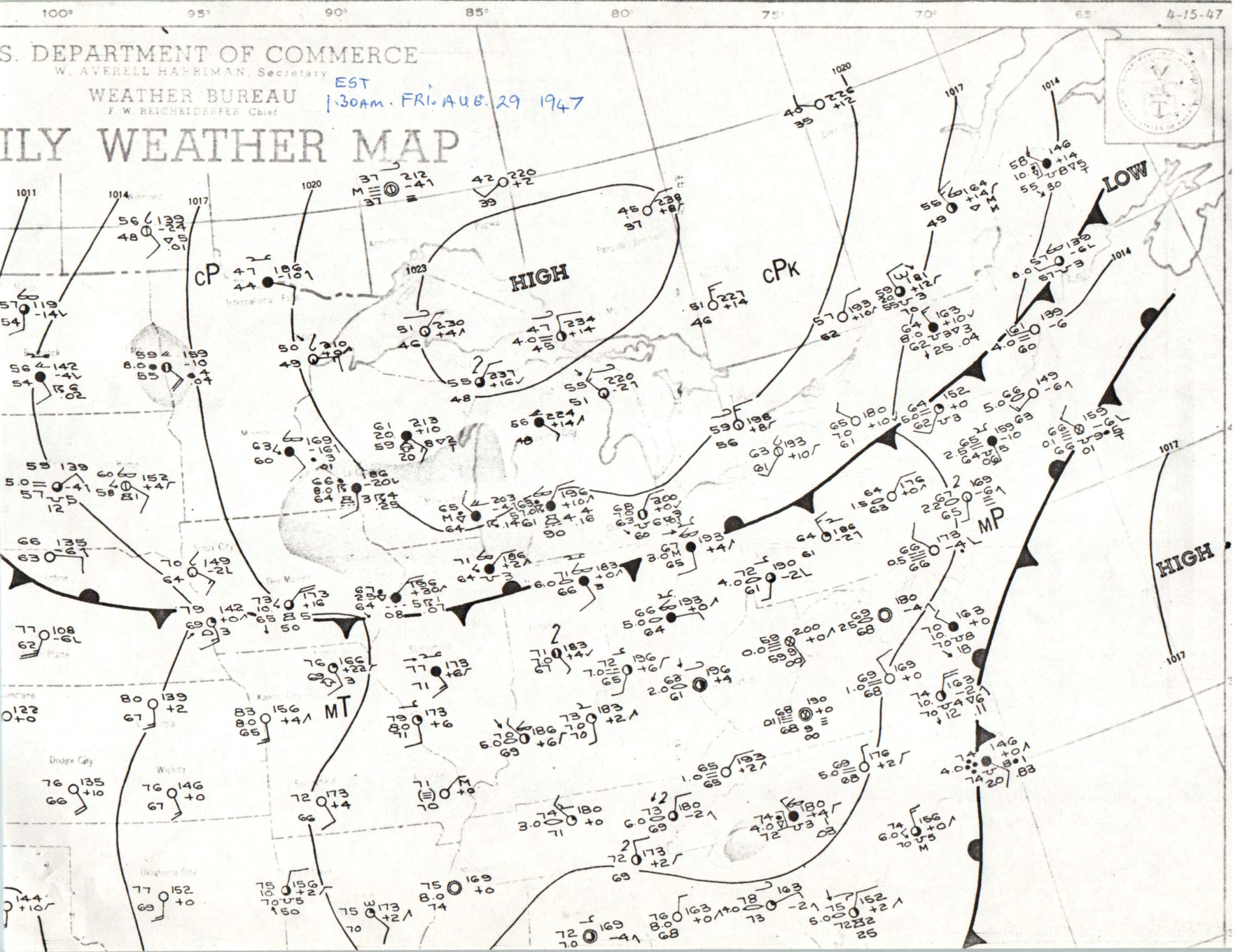
WIND, HAIL HIT TOBACCO BELT; CROP LOSS FEARED $3 MILLION.

ST. THOMAS, SEPT. 1 (Special) The latest estimates place the damage to flue-cured tobacco and other crops in the areas east of this city from last Saturday's hail and wind storm at more than $3,000,000. A partial survey in the AYLMER district where the storm hit hardest indicates that 3,000 acres of flue-cured was virtually wiped out, with the harvest only about one-third completed. Between 6,000 and 7,000 acres were struck by the storm. The storm swept north and northwest from LAKE ERIE, cutting across BAYHAM and MALAHIDE TOWNSHIPS.

The storm struck in streaks, hitting as far east as CORINTH in the TILLSONBURG area and also swinging through the CALTON area toward the NORFOLK COUNTY LINE.

C.D. COYLE, M.P. for ELGIN reported that in the STRAFFORDVILLE area where he lives, the damage was largely caused by wind which broke many of the leaves. The loss there was estimated at about 15 per cent of the unharvested crop. North and west of STRAFFORDVILLE, wind and hail ruined 80 to 90 per cent of standing crops.

The storm missed the tobacco areas south of ST. THOMAS around UNION. PORT STANLEY and on toward SPARTA, and West ELGIN there was only minor damage as compared with EAST ELGIN. Tobacco officials in AYLMER learned that heavy damage was caused in the CARADOC district of MIDDLESEX COUNTY, near STRATHROY by the large hailstones. The full extent of loss will not be learned until later this week, but with many flue-cured growers east of here, the harvest is virtually over for the year.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F. W. REICHELDERFER, Chief
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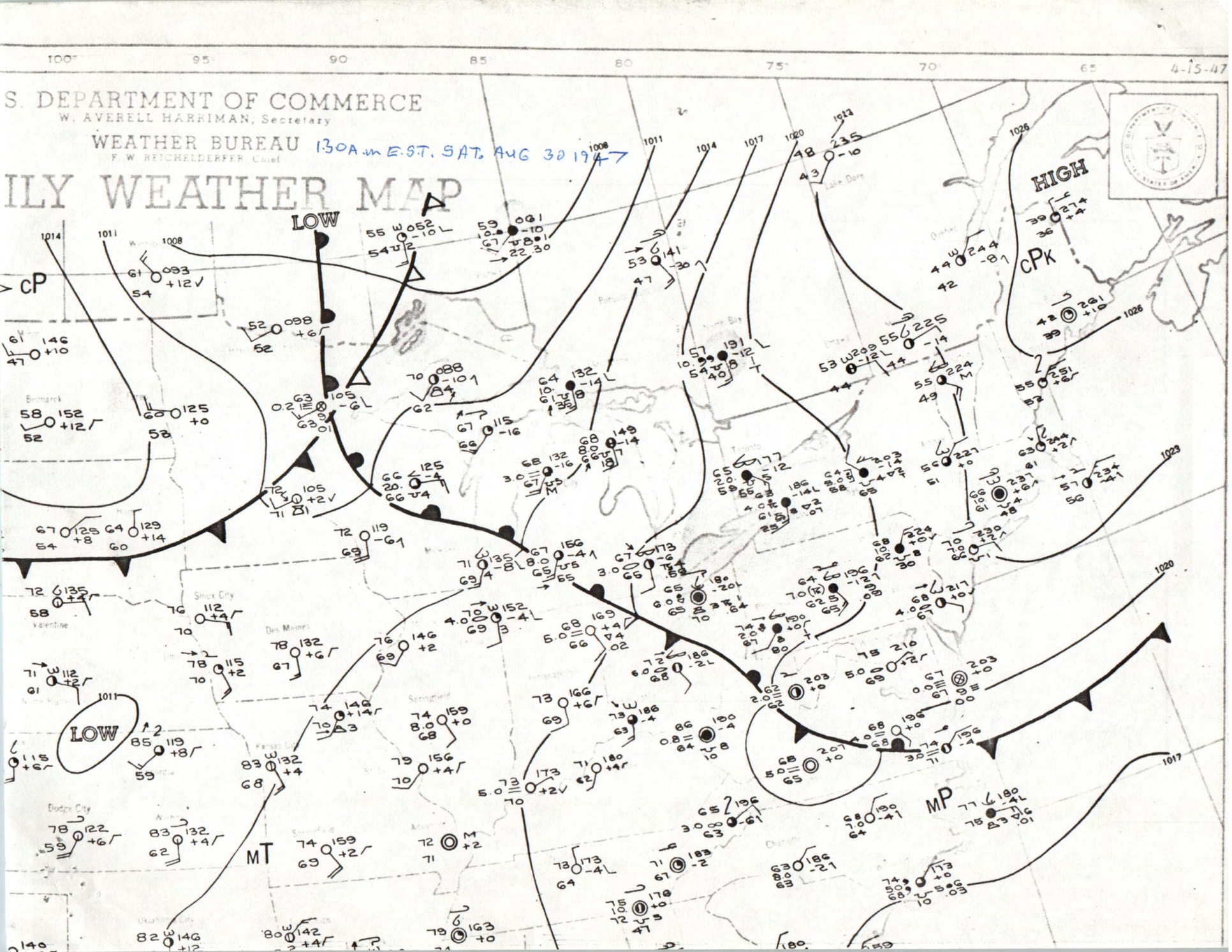
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W. AVERELL HARRIMAN, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief
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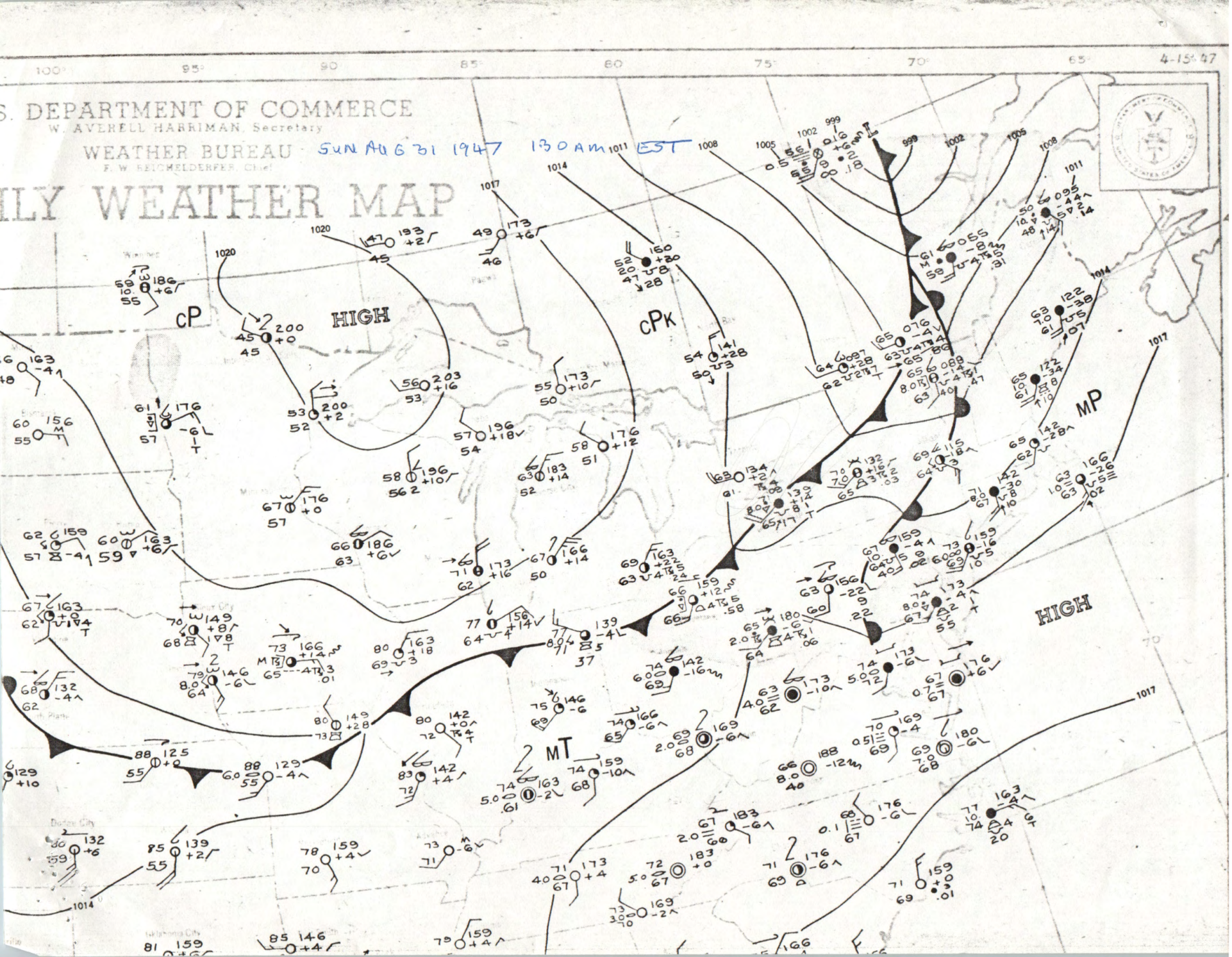
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SUN AUG 31 1947 130 AM 1011 EST
ILY WEATHER MAP
cP
HIGH
cPk
MP
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MT
1020
1017
1014
1011
1008
1005
1002
999

FORECASTS AND GENERAL WEATHER INFORMATION

UNITED STATES WEATHER BUREAU, WASHINGTON, D. C.

1:30 a. m., E. S. T., FRIDAY, AUGUST 29, 1947

STATE FORECASTS

District of Columbia, mostly sunny and warmer to-day, with highest temperature about 86°; partly cloudy to-night, with lowest temperature about 67°; Saturday mostly sunny and cooler; gentle variable winds becoming moderate in northeast portion to-night.

Maryland, New Jersey, and Delaware, partly cloudy and warmer to-day; generally fair and cooler to-night and Saturday.

Virginia, partly cloudy and warmer to-day; generally fair to-night and Saturday; cooler Saturday and in north portion to-night.

West Virginia, partly cloudy with little change in temperature to-day and to-night; Saturday mostly cloudy, probably followed by scattered showers.

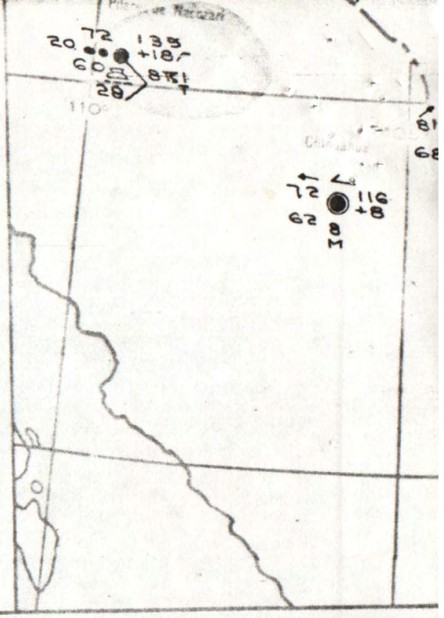
Eastern New York, partly cloudy to-day; cooler in the interior; fair and cooler to-night and Saturday.

Western New York, partly cloudy and cooler to-day and to-night; Saturday cloudy and cool, followed by showers.

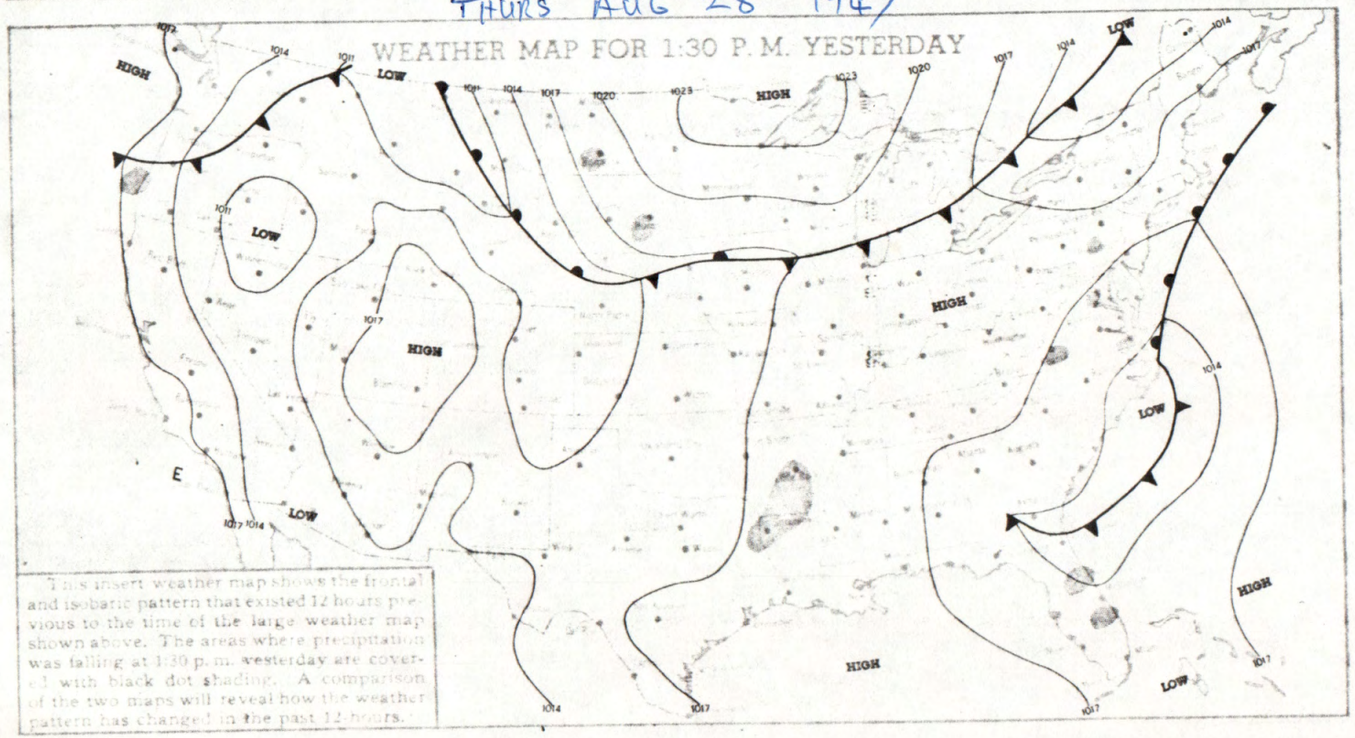
Eastern Pennsylvania, partly cloudy and a little warmer in southeast portion to-day; fair and cooler to-night and Saturday.

Western Pennsylvania, partly cloudy; cooler in north portion to-day and in south portion this afternoon; mostly cloudy to-night and Saturday, probably followed by showers.

Block Island to Cape Hatteras, all warnings were lowered at 8:30 a. m., Thursday.

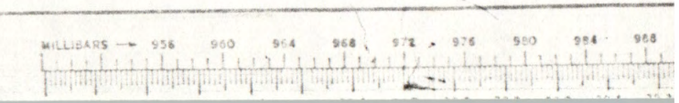


THURS AUG 28 1947



This insert weather map shows the frontal and isobaric pattern that existed 12 hours previous to the time of the large weather map shown above. The areas where precipitation was falling at 1:30 p.m. yesterday are covered with black dot shading. A comparison of the two maps will reveal how the weather pattern has changed in the past 12 hours.

Dot shading on this small precipitatio map covers areas where precipitation h occurred during the 24-hour period endi at 1:30 a.m. today. The figures show t amount of precipitation (in hundredths of a inch) that has occurred at each station in t 24-hour period. The letter "T" indicates trace of precipitation.



FORECASTS AND GENERAL WEATHER INFORMATION

UNITED STATES WEATHER BUREAU, WASHINGTON, D. C.

1:30 a. m., E. S. T., SATURDAY, AUGUST 30, 1947

STATE FORECASTS

District of Columbia, considerable cloudiness to-day, with highest temperature about 85°; fair and rather warm to-night and Sunday; lowest temperature to-night about 70°; light variable winds.

Maryland and Delaware, considerable cloudiness to-day; clearing late this afternoon or to-night; Sunday fair and somewhat warmer.

Virginia, partly cloudy and rather warm again to-day and to-night; Sunday fair and warmer.

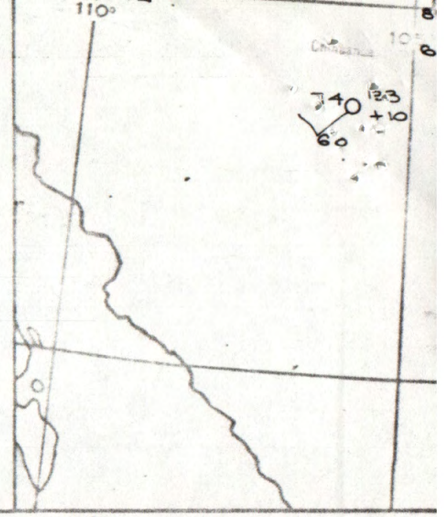
West Virginia, fair and rather warm to-day, to-night, and Sunday.

Eastern New York, mostly cloudy with scattered showers or thunderstorms to-day; somewhat warmer in the interior; fair and warm to-night and Sunday.

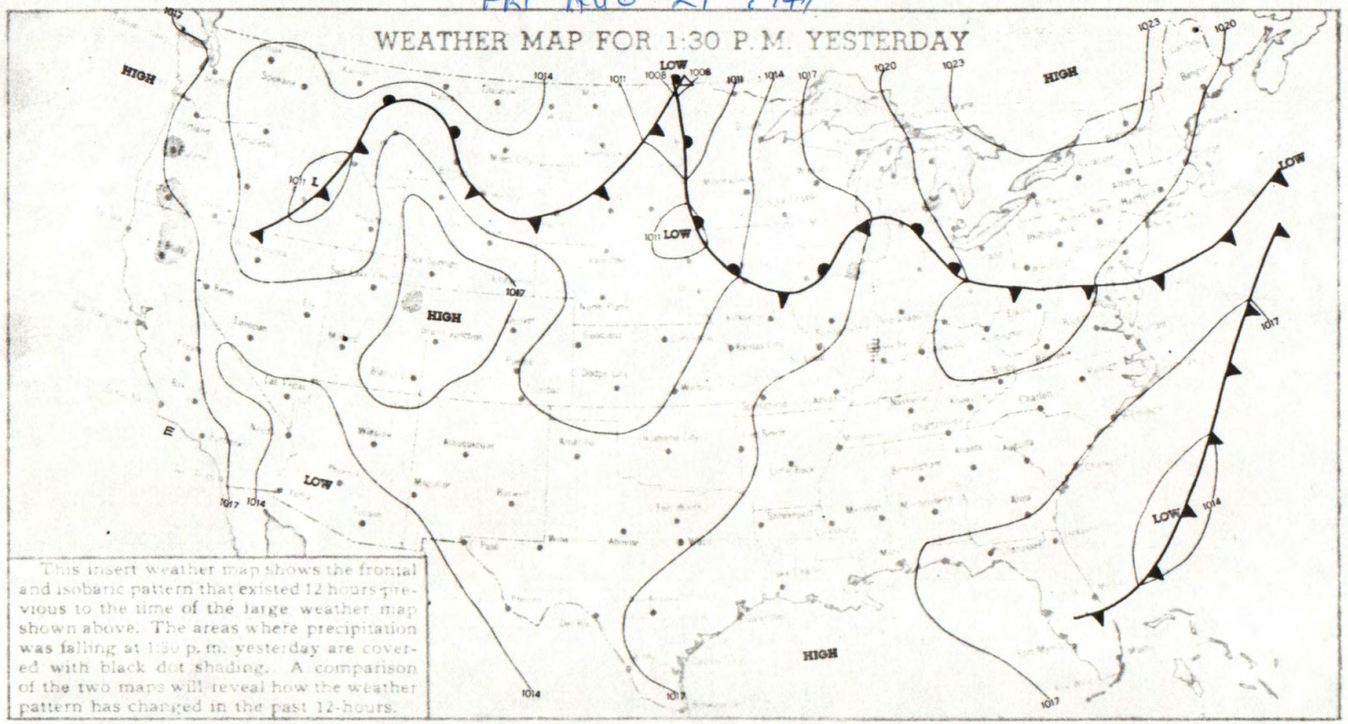
Western New York and Western Pennsylvania, cloudy with showers this morning ending and becoming partly cloudy this afternoon; fair and somewhat warmer to-night and Sunday.

Eastern Pennsylvania, cloudy with scattered showers or thunderstorms to-day; fair and rather warm to-night and Sunday.

New Jersey, mostly cloudy with scattered showers north portion and little change in temperature to-day; fair and somewhat warmer to-night and Sunday.



FRI AUG 29 1947



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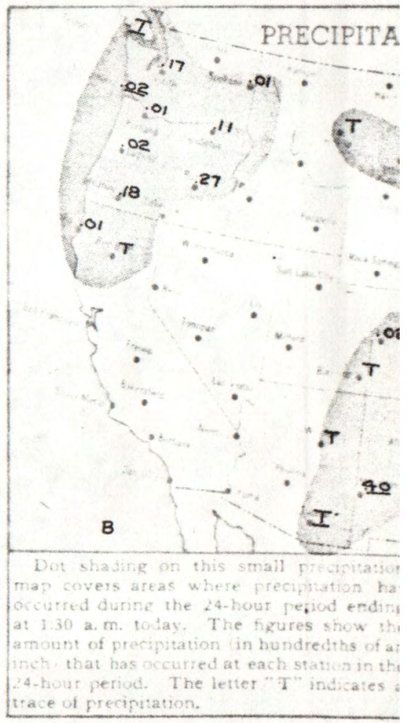

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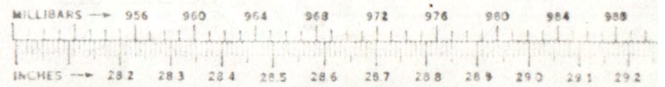


STATE FORECASTS

District of Columbia, mostly cloudy, with highest temperature near 90° this afternoon, and scattered thundershowers by evening, followed by partly cloudy and cooler to-night and Monday; lowest temperature to-night about 67°; gentle southwest winds, shifting to northerly this evening, with risk of a squall.

Maryland and Delaware, mostly cloudy to-day; followed by scattered thundershowers this afternoon, and in extreme south portions to-night; Monday partly cloudy; cooler to-night and Monday.

Virginia, partly cloudy to-day; followed by scattered thundershowers in extreme north portion this afternoon, east and north portions to-night, and in south portion Monday; cooler Monday, and in north portion to-night.

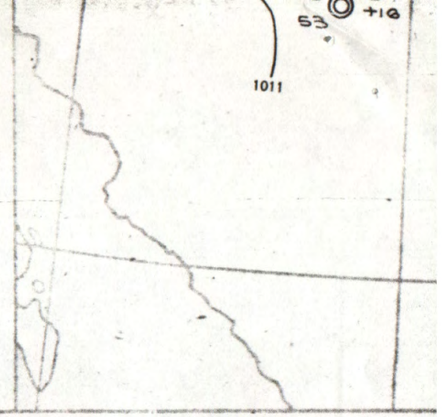
Eastern New York and Western Pennsylvania, mostly cloudy, scattered thundershowers in south portions to-day; fair to-night and Monday; cooler to-night.

Western New York, partly cloudy, preceded by showers in southeast portion to-day; fair to-night and Monday; cooler to-night.

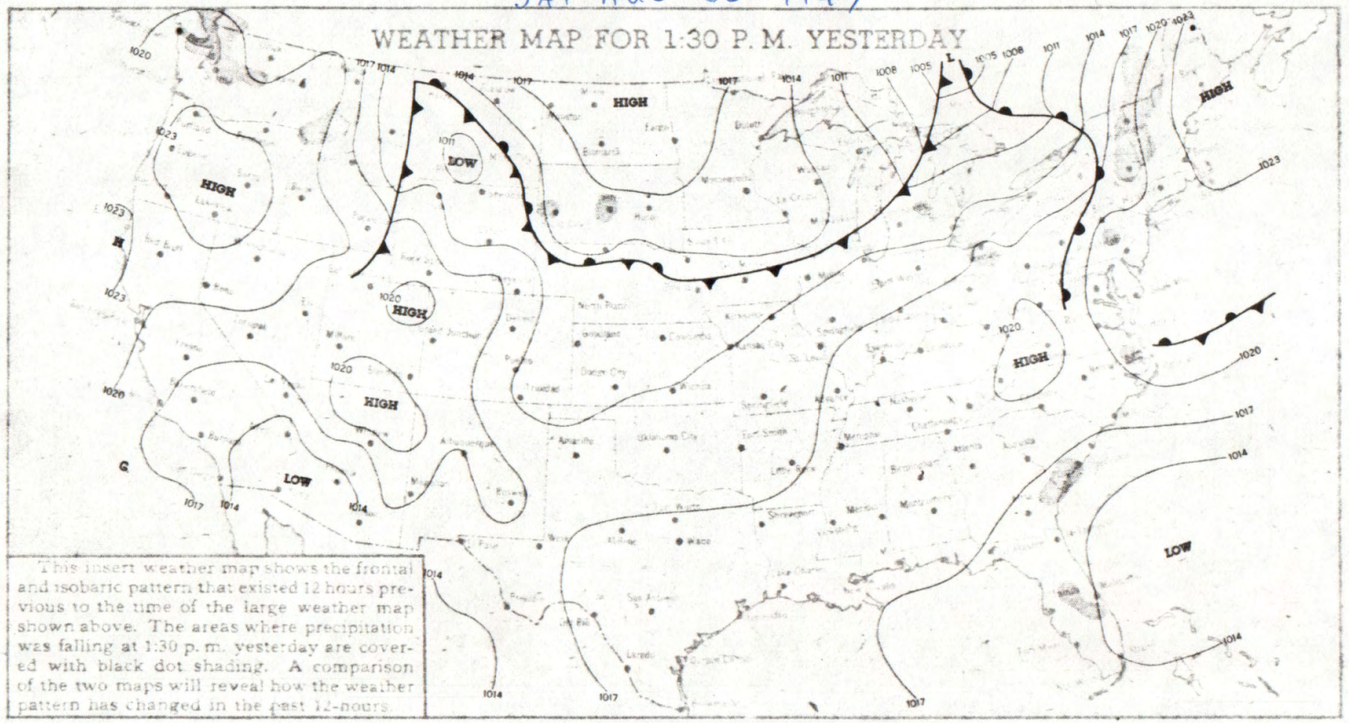
Eastern Pennsylvania, scattered thundershowers to-day; generally fair to-night and Monday; cooler to-night.

New Jersey, mostly cloudy, followed by scattered thundershowers this afternoon; partly cloudy and cooler to-night and Monday.

West Virginia, mostly cloudy, followed by scattered thundershowers to-day, and in south portion to-night; cooler in central and north portions to-night; Monday considerable cloudiness.



SAT AUG 30 1947



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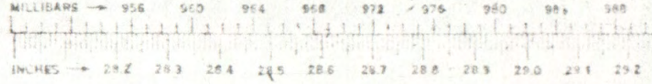


Summary Sheet

IDTO - ID Number	:694704
AUTH - Report Author	:
TYFU - Tornado Type & Fuji Code	:a2
TITL - Report Title or Location	:10 miles east of Coe Hill
PROV - Province	:Ontario
COUN - Counties	:Hastings
REFS - References	:GM September 1, 2. 1947
ZOTO - Touchdown Zone Number & Easting	:18291850
NOTO - Touchdown Northing	:4971300
LOVA - Touchdown Error Value & Code	:10000c
DADA - Date of Data Entry	:14/06/1990
ZOLO - Liftoff Zone Number & Easting	:
NOLO - Liftoff Northing	:
UPVA - Liftoff Error Value & Code	:
DEAD - Number of Fatalities	:
HURT - Number of People Injured	:
HERT - Injuries Code	:
DATA - Date of Tornado	:30/08/1947
DAVA - Date Error Value & Code	:
TITO - Time of Tornado	:1630
TIMR - Time Meridian	:75
TIVA - Time Error Value & Code	:45c
AXDA - Maximum Path Width	:
AXVA - Max. Path Width Error & Code	:
AVDA - Average Damage Width	:
AVVA - Avg. Damage Width Error & Code	:
SADA - Sample Damage Width	:
SAVA - Sample Damage Width Error & Code	:
INTO - Initials	:JAM
DFTO - Detailed Report Flag	:n
JUNK - PRDA & DIMO & DALE	:
CODA - Property Damage Code	:
MISC - ORDE,PICS_TYPE,PICS_AVAIL,COCO	: 111
MANY - Multiple Event Flag	:y

MEMO:Gas station badly damaged. Trees uprooted and broken.

PHEN - Associated Phenomena	:A P
TSHP - Townships	:Limerick

JAM, 14/06/1990

B.R.: Point lies Along track from Goodenham - Cloyne. Damage at Hwy 62 is at this location. ∴ Concluded that this report is part of the C.) F3.

694704

THE GLOBE AND MAIL.TORONTO,MONDAY SEPTEMBER 1ST.1947.

STORM DATE.(GOODERHAM) 5:25P.M.,SAT.AUG.30TH.1947.

TORNADO KILLS ONE,HURTS 23.

RIPS THROUGH 70 MILES OF TWO ONTARIO COUNTIES.

FIVE INJURED WHEN BLOWN TO TREETOPS.

BANCROFT,AUG.31.(Special) Roaring with the fury of a rocket bomb,a ornado late Saturday swept over the farm lands of two counties,blowing five ersons 100 yards from a wrecked home into the tops of a clump of cedar trees. t killed one girl instantly,severely injured another and left 23 more victims, ost of whom are in hospital.

In its wake lie the wreckage of half-a-dozen homes and a score of arns and buildings.

It wrecked a railway station at the village of GOODERHAM,where irst it struck,spilling the top storey across a mixed train,and toppling over ive box cars.Four persons were injured,none seriously.

A late report from the scene points to a second fatality.From the amlet of KIDD'S CORNERS,in the COE HILL district,comes word that a search has tarted for a little girl,as yet unidentified,who has not been seen since the torm.

With a fierce growl that rose to a steady shrill moan,the twister pped east and south of GOODERHAM for 70 miles over the fields and woodlands HALIBURTON and HASTINGS COUNTIES,with a swath less than a half a mile wide.

But in no place did the devastation or the terror equal that in e COE HILL district.Eight miles from the hamlet it bore down upon three farm mes,wrecking all in 90 seconds.

In the first of these,12-year-old MYRNA FERGUSON,daughter of MR. d MRS.WESLEY FERGUSON of COE HILL,who was visiting her grandparents,was killed. r skull was crushed by a flying timber.

Struggling across the fields to the rescue,neighbors found the five cupants of that home hanging in the trees.Screaming in terror,they clung to e branches for dear life as the dying tornado whipped about them.

Some were bleeding and naked.The wind had stripped them of their othing as quickly as it had felled their home.Strewn far across the fields re just a few remnants of it,planks and boards.There was scarcely a trace of eir furniture.

In this household,as well as the dead girl,were MR.and MRS.HARVEY AL,her grandparents;her brother,VERNON,age ten,and ELMER NEAL,an uncle,30. ey were taken to BANCROFT HOSPITAL.

Homeless,too,is the CAMPBELL family,who lived nearby.In hospital

MR.and MRS.FRED CAMPBELL, their five children; MR.and MRS.LEO CAMPBELL, and their two children, and GERALD CAMPBELL.

The third home to topple was that of FRED MARSHALL, across the road. Here MARJORIE PEACOCK, 10, of FARADAY TOWNSHIP, a visitor, suffered a broken arm and possible internal injuries from which, it is feared, she may not recover. She was taken to the HOSPITAL for SICK CHILDREN in TORONTO, where her condition was first described as critical and later as satisfactory.

MARSHALL'S daughters, FAY, 10, and JEAN, 8, were hurled through the air and were found huddled against a cedar hedge 150 feet away. The family discovered 2-year-old UNA MARSHALL under a portion of the house siding, a huge splinter in her arm.

Caught up and tossed through the air for some distance, MERLE MARSHALL, 5 and JOAN, 3, suffered minor injuries.

Their mother rushed into the woodshed as the storm approached. When panes of glass shattered around her, she knelt and covered her face with her hands. The storm lifted the woodshed off her and carried it away but the woman was only slightly cut and bruised.

The storm broke around 5:15p.m. amid terrific flashes of lightning and deafening thunder claps. Plainly seen for miles, a smoky black cone spread low in the heavens unleashing torrents of hail and rain. Its fury was spent in 15 minutes.

Leaving desolation and the scars of desolation throughout the quiet countryside, the tornado also played fantastic pranks, uprooting trees and telephone poles and planting them firmly upside down in the earth.

Near COE HILL it lifted a service station off its foundation, drew out a car inside it and parked it on top of the structure with sufficient force to crush the roof.

Each building it struck was not blown directly down but spun in the air and then scattered to the winds.

NEAL and his son ELMER, were hauling in a load of hay when they saw the storm coming. ELMER had sought shelter in the garage when the wind hurled the structure more than 100 feet. He suffered a crushed leg, broken nose and several minor cuts. The elder NEAL suffered several fractured ribs. MRS. HARVEY NEAL'S foot was broken and she was staying with friends in BANCROFT.

From his hospital bed, ELMER NEAL described his experience.

"I saw this great black cloud coming. The roar was terrific. I could see huge trees swirling through the centre like toothpicks.....I don't know how long I was lying unconscious."

Moving east, the tornado wiped a line of trees off a hilltop and

roared across ROBINSON LAKE and struck a barn owned by MRS. A. NOTTAGER. The extent of the damage could not be learned as roads in the area were blocked with fallen trees. Nearby, a cottage owned by FOSTER McKILLICAN was carried off.

The storm carried off a garage, a cabin and an icehouse on the GEORGE PARKS farm on HIGHWAY No 62, which runs from MADOC to BANCROFT. It tore the roof off PARKS' house and badly damaged the walls.

The tornado then struck SALMON LAKE, northeast of MADOC. It picked up a boat containing three unidentified United States residents who had been fishing on the lake. The men were dumped into the water but swam ashore.

It was reliably reported that a small cabin was seen, about 100 feet in the air, blowing across SALMON LAKE.

With telephone and telegraph lines down, BANCROFT still was isplated. Settlers worked most of to-day to clear away fallen trees criss-crossed on roads.

DR. E. R. BEATTY of MADOC, who made a rush call to the COE HILL district, said: "The storm struck them so quickly they scarcely knew what happened. On the way to the scene I could not believe my eyes."

"What startled me first was the weird way in which the big elm trees were twisted. You could see the path of the tornado as plainly as if a giant bulldozer had run over it. Everything was flattened. At the fringes the trees were littered with shingles, boards and the tops of trees that had been blown down.

"It brought a lump to your throat when you saw a child's dress waving from a tall limb. I treated the injured Ihave lost track of the number.

"A man told me, 'I was lying on the floor and I closed my eyes when I felt the house sway. When I woke up the only thing I saw of the house was some boards being blown way up in the air high above the trees. The wind picked up the house, turned it around, then smahed it on the ground like a piece of kindling wood, then blew the wreckage to bits.'"

JACK HATCH, 14-year-old son of Provincial Constable J HATCH of BANCROFT, who visited the scene last night with his father, said:

"You would have to see the wreckage to believe what happened. One house was carried 100 feet from its foundation and flattened. You couldn't find one stick of furniture near it. All the stuff in the kitchen and the bedrooms was blown out. Yet in the cellar of the foundation you could see the preserves on the shelves, standing there ready to be opened for supper.

Tops of barns were blown off and hay spilled all over the barnyards. It looked as if the tornado had tried to coil it up.

"I looked up at a tall elm tree at the edge of the swath. The top had been broken off and in its place was planted the top of a balsam tree.

"Another elm tree was completely uprooted and swept for 350 feet before the storm let go of it.

"In a field I saw the end of a piano. There was nothing left of it but the end. The keyboard, the strings and every other piece of it had disappeared.

"In another field lay two cars. One had rolled over and over on its side for 200 yards up a steep hill. Only the tires were not damaged.

"In the farmyards with the wrecked barns you saw the pigs nosing about as if nothing had happened.

Crossing another stricken farm the constable's son saw the top torn off a well.

"That gives you an idea how terrific the suction of the storm was," he said.

Another home struck was that of ERNEST ANDERSON, occupied by himself and his wife. A barn nearby, owned by JACK ANDERSON, also disappeared in the twisting funnel and was wrecked.

Sweeping over SPRING LAKE, the twister in its "blowing out" stage ripped into the C.N.R. main line from TRENTON to BANCROFT, littering the tracks with trees and tearing down all communications, including telephone, forestry and telegraph lines to BANCROFT.

The twister levelled an area of standing timber at PAUDASH, in HASTINGS COUNTY, slapping down huge trees "like match sticks". No buildings were in that area.

An official of the BANCROFT RED CROSS HOSPITAL said it was impossible to recognize the victims as they walked and were carried in. He said they were caked with mud and dirt, and their clothing ripped.

Reeve CLARK ROLLINS, of WOLLASTON TOWNSHIP, organized a party of men to get the injured to hospital. They had to clean roads of fallen trees, but got cars in to rush the people out.

DR. S.R. BEATTY of MADOC was one of the first in and rendered first aid on the spot.

Traffic in the area was tied up. Extra police were rushed from Belleville, MADOC and from here to control the chaos.

Prov. Cons. JOHN HATCH of MADOC placed a call for relief to the TORONTO RED CROSS shortly after the tornado struck.

ROOFS VANISH, 5 BOX CARS OVERTURNED.

GOODERHAM, AUG. 31, (Staff) Five freight cars were rolled over like match boxes, the local AGRICULTURAL HALL vanished and roofs were torn off like tops of cardboard cartons late Saturday afternoon when the tornado hit this village

Racing along at 120 miles an hour, a cone shaped cloud whirled across the village carrying trees, scantlings and even birds in its vortex. It struck with the roar of a dozen freight trains, eyewitnesses said, and in 90 seconds had disappeared, leaving wrecked homes and buildings in its wake.

The mixed passenger and freight train which operates between LINDSAY and BANCROFT was standing at the C.N.R. STATION when the tornado struck.

Three persons were injured and five freight cars were bowled over, the roof was torn off the station and the EXPRESS SHED was demolished.

The injured are MURRAY POLSON, the relief STATION AGENT, who was hit by a scantling blown from the village LUMBER YARD. BOB FERGUSON, brakeman, also hit by a piece of lumber and EARL MITCHELL, a passenger on the train.

The roof of the SAW MILL was ripped off and a few thousand feet of lumber scattered over the countryside. Four cottages were wrecked, two of them smashed to smithereens. All that is left of them are the cement abutments to which they had been anchored.

The AGRICULTURAL HALL, where the village fair is held annually, was picked up and blown away. A barn belonging to JOHN McCOLL, a mile west of here, vanished in the same way.

Waves ten to twelve feet high were whipped up on nearby PINE LAKE as the tornado hit. Boats were torn from their moorings and were floating overturned in the water today.

Tall pine and cedar trees lining PINE LAKE were felled like jackstraws. The highway north of here was blocked for nearly six hours Saturday night by the trees which had been swept across it for a distance of 500 yards, the width of the tornado swath.

A fierce hail storm heralded the approach of the tornado.

W.J. DAY, 251 QUEBEC AVE. TORONTO, was in the bush about six miles north of GOODERHAM, at the time, clearing some property for a proposed summer home.

"There were four of us and we all ran for my car as the storm started," said MR. DAY.

"It is a good thing we made the car when we did.Hailstones pounded on the roof of the car so hard that I thought it would cave in.They were big flat stones,half the size of saucers.Sitting in the car,we could not see more than five feet outside."

MR.DAY escaped the tornado but saw its wreckage as he drove back to GOODERHAM.Twice he had to get out and strip trees which had been felled and lay lengthwise on the rough road.One of them was a knotty pine 18 inches in diameter,and he showed blisters on his hands from chopping at it with an axe.

Finally,he was blocked outside GOODERHAM by the mass of trees which overlay the road where the tornado had actually cut across it.

Day was staying at one of four cabins owned by T.R.PEACOCK on PINE RIVER,just outside the village.When he got there,he found his cabin upside down in the river.Everything he had with him except the bush clothes he was wearing had been blown away or ruined by water.

The cabins were about 16 by 12 feet and were secured to cement abutments.MR.DAY'S cabin was largely intact but all that remained of the other three cabins was about half of one of them.Wreckage was strewn on the opposite of the river.

MR.PEACOCK,the owner of the cabins,put his loss at $2,500.For the past two years he has worked to build the cabins and the fruits of his labour went in 90 seconds.

When the storm struck the C.N.R.STATION,MRS.A.CARMICHAEL ~~of LINDSAY~~ who is stationmaster,was inside with her daughter,MISS FAY CARMICHAEL of LINDSAY.The doors jammed and the two terrified women were trapped within it until the tornado had passed.

"There was a terrific uproar,"said MISS CARMICHAEL."Laths and scantling were flying everywhere.The whole back and side of the express shed beside our living quarters disappeared.The roof was lifted off the living quarters.When we finally got outside,the station platform was so littered with debris that the passengers and trainmen could hardly move, The trainmen finally managed to free us."

MRS.CARMICHAEL'S finger was cut by flying glass but MISS CARMICHAEL escaped injury.

With their living quarters in the station demolished the CARMICHAELS have moved what they could find of their personal effects into an empty boxcar where they are now living.One of Mrs.Carmichael's white curtains is hanging from the top of a near-by telephone pole.

Much of their clothing was blown away but their furniture is

largely intact.

DALLYN PICKENS, owner of MOUNTAIN VIEW LODGE, a hotel near the village, left his supper and ran out onto his verandah to see the twister approach at 5:25p.m. It came from the northwest, he said.

"I saw a funnel of air whirling along," he said. "It picked up the STATION roof and the MILL roof and carried them away."

In half a minute, he estimated the tornado travelled a mile, making its rate 120 miles per hour.

CRAWFORD SHIER, a village resident, saw planks flying through the air after the tornado passed over the LUMBER YARD owned by J.E.HUNTER. SHIER hurried his wife and their eight-months-old son DAVID, out of their house and they all lay down on the grass. Planks from the lumberyard fell near their house but they were unhurt.

MOSS MADILL, another villager, said the waves on PINE LAKE were 10 or 12 feet high. Trees were uprooted and carried away. He also saw chickens being carried in the twister, he said.

YOUTH IS BLOWN 100 FEET, BRUISED AND KNOCKED OUT. By LEX SCHRAGG.

—Globe and Mail Wirephoto.
Glen Beggs,
16, of Coe Hill, who was rendered unconscious when tornado struck woodshed in which he had taken shelter.

COE HILL, AUG. 31. (Staff) Several miles north of COE HILL, on what is known as the ROSE ISLAND ROAD, the tornado left its worst havoc and I have talked to a youth who lived through it.

He is 16-year-old GLEN BEGGS, a hired hand on the farm of MR. and MRS. LEO CAMPBELL. There the house was obliterated, the roof torn off the barn and a machine shed blown away.

Suffering a badly bruised head, Glen was carried 100 feet through the air. He doesn't remember that. He is sure he must have been, however, for there is no other explanation.

"We were eating supper when the storm blew the house to bits," he said. "It was roaring like an express train. The air was full of mud and sand. I rushed to the woodshed. There I felt myself being lifted. When I came to, I was in the field. I must have been knocked out."

"The next thing I remember was LEO CAMPBELL scrambling through the wreckage. He was looking for his wife. She was hurt but not badly, I am told. He found her lying among the debris. Then Leo ran to find a car that would run. There were two on the farm. One belonged to Leo and the other to his brother, Gerald.

"One car had been rolled on its side and was a wreck.The other had the roof taken off it but it would still run.He put MRS.CAMPBELL in it and started off for the road.But he could not travel there because it was blocked with telephone poles.He bounced over the fields for help to the home of my aunt,MRS EMMA MASTERS."

"The CAMPBELL'S lost everything.They later found the warming oven of the kitchen stove and parts of their radio on a hill 300 yards from the side of the house.THeir furniture is scattered for miles.

"I saw the binder upside down in the lane.It had been carried 500 feet. A field roller was stood on end against a post.The tornado ripped the wire from the fence.The road grader took a twisting too."

IF DOG COULD TALK FARMER MIGHT FIND HIS MISSING BARN.

GOODERHAM,AUG.31.(Special)If only his dog could talk,Farmer JOHN McCOLL could find out where his barn is.

McCOLL saw the last of his barn just before the tornado struck here Saturday.The 120 mile whirlwind lifted the 60 foot barn as if it was a toy and whirled it out of sight.

The dog was chained in the barn and McCOLL thought he had seen the last of the animal.But about 45 minutes after the barn vanished,the dog was back on McCOLL'S porch,dragging its chain.

McCOLL does't know where the barn was blown to but the dog does.

VIOLENT WINDSTORM WAS A TORNADO,EXPERT EXPLAINS.

The violent,whirling windstorm which took one life and caused heavy damage in HALIBURTON and HASTINGS COUNTIES late yesterday was a tornado,a meteorologist at the PUBLIC WEATHER OFFICE AT MALTON said last night.

In the UNITED STATES,cyclones,tornadoes and twisters are considered as a single type of weather phenomena but in CANADA and BRITISH meteorology a distinction is made between cyclones and tornadoes.

A cyclone is a clockwise whirl which may cover several hundred miles but a tornado is a funnel-shaped cloud with extremely high circular winds which cuts a path through a narrow area,the meteorologist said.

The tornado Saturday occurred as a band of severe thunderstorms moved eastward through Southern Ontario,he added.

TORNADO CASUALTY LIST.

BANCROFT, AUG. 31. Casualty list in the HASTINGS and HALIBURTON COUNTIES tornado, reported thus far, follows:

DEAD.

MYRNA FERGUSON, 12.

INJURED.

VERNON FERGUSON, 10.
MR. and MRS HARVEY NEAL.
ELMER NEAL, 30.
MR. and MRS. FRED MARSHALL.
FAY MARSHALL, 11.
JEAN MARSHALL, 9.
MERLE MARSHALL, 7.
JOAN MARSHALL, 5.
UNA MARSHALL, 2.
MARJORIE PEACOCK, 10.
MR. and MRS. LEO CAMPBELL,
GRADEN CAMPBELL, 10.
COLLEEN CAMPBELL, 8.
GERALD CAMPBELL, 26.
MR. and MRS. ERNEST ANDERSON.
JOHN ANDERSON,
MURRAY POLSON.
BOB FERGUSON.
EARL MITCHELL.

All the injured are in BANCROFT HOSPITAL, except MARJORIE PEACOCK, who was taken to HOSPITAL for SICK CHILDREN in TORONTO.

GLOBE AND MAIL, TUESDAY SEPTEMBER 2ND. 1947.

TORNADO JERKED WATER 100 FEET UP.

TWEED, SEPT. 1. (Special) Reports of a broken power line at STEWARTSVILLE prompted the suggestion today that the tornado which hit EASTERN ONTARIO on Saturday may have cut a swath through the bush 100 miles long.

The twister was believed responsible for the power line cut at STEWARTSVILLE, 30 miles northwest of OTTAWA. Thus it roared through five counties HALIBURTON, HASTINGS, LENNOX, and ADDINGTON, FRONTENAC and RENFREW. It was suggested that after travelling from GOODERHAM in HALIBURTON to BON ECHO ROCK in FRONTENAC the tornado turned west to STEWARTSVILLE.

Provincial forestry officials said, after viewing the path of the tornado, that some lakes were nearly filled with logs from trees blown into them.

A hard hit area was CLOYNE at LAKE MAZINAW, 40 miles northeast of TWEED, Several cottages were demolished and all wire communications cut.

LLOYD VAN WYCK, formerly of GALT, who recently established a tourist resort on LAKE MAZINAW, said the storm finally spent itself in the lake a few yards in front of his cottages.

[redacted]

"My wife and two small children PETER and JOHN huddled in the cottage as the twister ripped down telephone lines and trees all around us

and we expected any moment that we would be swept out into the lake with the rest of the debris,"he said."The lake was churned up as though from an atomic bomb.The water was swept out fifteen feet from shore and it suddenly spiralled upward at least a hundred feet."

Today the shore line is littered with branches from uprooted trees, pieces of wood and other refuse.Immediately after the storm,the sky turned yellow,there was a heavy downpour of rain and then it cleared up.

"We suddenly saw that the sky was becoming black,all at once there was a tremendous roar,and the tornado swept in from the west with terrible velocity,flattening everything in its path.I would say that it cut a swath about a quarter mile wide through the bush and it looked as though a giant bulldozer had gone through crumbling everything in its path,"VAN WYCK told newspapermen.

JAMES STONE who operates a coach line between TWEED and DENBIGH, was held up some time as highway workers under the direction of THOMAS KITTINGBECK attempted to clear the road of trees which had been uprooted. STONE said he was warned to return to CLOYNE by a party of American tourists who were unable to get through.

WALLACE MOON of TWEED who was en route to the northern lakes for the holiday and was likewise held up at CLOYNE for some hours,said cottagers told him that the roar was greater than a dynamite explosion. A careful check of damage is impossible with telephone lines down,but MRS. J.J.VOGAN,NORTHBROOK operator,said no persons were injured in the area,so far as is known.

TORNADO BLAST PINS OLD WOMAN BENEATH BEAM.

By JACK HAMBLETON.

COE HILL,SEPT.1.(Staff)A grieving grandmother lies on a bed at the home of a relative near BANCROFT today,fretting over the death of her granddaughter MYRNA FERGUSON,and worried about the future.Her home and all her earthly possessions are gone scattered by the tornado which Saturday demolished four farm homes in this area.She is MRS.HARVEY NEAL.Trying to comfort her is VERNON FERGUSON,10,her second grandchild,who also was with her when the storm struck.Of the NEAL home,there is not five cents worth of furniture,food or clothing worth salvaging.HARVEY NEAL himself is in hospital at BANCROFT,last of 23 injured to be still in hospital.He cries when you talk to him .Everthing he owned is gone.

This is MRS.NEAL'S story of what happened in those few brief minutes of Saturday night:"MYRNA was in the kitchen with me helping to dry

Mrs. John Sarginson of Bancroft cares for Vernon Ferguson, whose face was cut in same blast which carried his sister Myrna to her death, and Mrs. Harvey Neal.

Harvey Neal

the dishes.I looked out and saw the storm.I said to her,'The barn is going to be blown over.' I closed the doors and windows in the house,and then saw the men (her husband and two sons) running for the house,The front door blew open and I rushed to shut it.That is the last I remember.

"When I recovered I was lying face down on the ground where the door had left me.The floor itself was gone and I was trapped under a beam.My shoes were gone.I know I had them on when I went to close the door,but I don't know what happened to them after.We found the little girl amidst the wreckage.

"My foot was badly cut somehow,and my body is covered with bruises,scratches and cuts,but how I got them I don't know.LEO CAMPBELL,whose farm was near ours (and also destroyed)had the only car around which would run and he drove it into COE HILL for help.The people have been simply wonderful.They streamed in here and took us to the R Hospital at BANCROFT,where the nurses gave us all first aid.My husband is still there.I don't know what we are going to do.We can get help to rebuild,but we haven't a thing to rebuild.All our possessions are gone."

Where MRS.NEAL stood to wash the dishes is today a shapeless pile of rubble.Her jars of preserves — prize possessions of any farm woman — are a mess of broken glass and fruit.Not a dish remains unbroken;not a stick of furniture intact.

Just over the hill is where the farm of FRED MARSHALL was located. His five children were all injured,while MARJORIE PEACOCK,10,a visiting friend,was blown with his daughters JEAN and MERLE from the top story of the house to the top of the hill 100 yards away.The PEACOCK child is seriously injured and in HOSPITAL for SICK CHILDREN,TORONTO.

As nearly as he knows,this is what happened at the MARSHALL home: "I saw it coming.It seemed to roll over and over and carried trees,roots and all,at least 250 feet in the air.I had just driven home,and told my wife I had better close the windows of my car.Back at the house,the sky was black as tar,with the storm cloud seemingly rolling low,but the sky quite

clear above.

"We would have had time to get to our root house,near by,but I didn't think it was going to be bad enough for that.Then it came,and I suddenly found myself flying through the air.I crashed into the branches of an elm tree about 50 feet away,and when I came around there was nothing left of the house.I found MERLE,JEAN and the PEACOCK child 100 yards away on the hill.They had been upstairs when the storm struck and it evidently carried them in a line from the second story to the hillside.

"The stove is away back in the bush.As an indication of the suction of the storm,the radio battery is about 50 yards away.My car was wrecked, and there isn't enough left of the house to start a fire."

At the CAMPBELL farm,the story is the same.It rests in a valley not far from MARSHALL'S.The cleared hillside half a mile away is littered with the remains of the house,blacksmith shop and other buildings.

COE HILL is about 50 miles north of PETERBOROUGH,but to reach it you have to leave the highway and take to the twisting,hilly roads.Driving over these at more than five miles an hour is dangerous driving.Yet all through the weekend hundreds of farmers made the trip,not just for morbid curiosity,but because they wanted to help.A collection being taken at the site of the NEAL farm already totals more than $500,and by no stretch of the imagination could the COE HILL district be called a prosperous farming community.

That is what makes MRS.NEAL cry,too,"People have been simply wonderful to us."she said today.

Meanwhile,Nurses MRS.EVA PORTER and MRS.BEATRICE DORESA of the little BANCROFT HOSPITAL,heaved a sigh of relief.Nine persons in all were given first aid on that hectic Saturday night;three were hospitalized and tonight only MR.NEAL remains.

"It was simply horrible,"they said."these unfortunate people were brought in here simply cut,bruised and burned almost beyond recognition. Dirt was plastered into their skins.The women and girls who have gone home from here will have an awful time getting debris out of their hair.We did the best we could,cleaning them up as much as possible,but even so we couldn't get all the dirt off."

Today the homeless children and adults are scattered over a wide area.Some are with relatives or friends at BANCROFT or COE HILL,others throughout CHANDOS and GLENALDA TOWNSHIP.The Red Cross has flown medical supplies and clothing to supply them,but the districts inaccessibility makes it hard for the goods to reach them.Farmers from all around the area

have given up their own farm work,at least temporarily,while they try to salvage what crops they can for the stricken families.They won't amount to much,for at the NEAL home,for instances,even onion and potatoes were blown right out of the ground.

TORNADO'S COURSE CUT ACROSS EARTH LIKE SABRE WOUND.

By HELEN BEATTIE.

Like a curving,disfiguring sabre scar across the face of HALIBURTON and HASTINGS COUNTIES,the devastation left by Saturday's tornado is as clearly defined as a highway on a road map.

From the GLOBE and MAIL'S Grumman amphibian plane a tour of the path of the storm,through the forest,the small villages and tiny settlements,bustling activity indicates already that the work of reconstruction has begun.

The aircraft left MALTON at 10a.m.,circling first over the Exhibition grounds,toward which crowds already moved as if drawn by a magnet.From the height,the thousand of parked cars lined along the lakeshore lokked like orderly shiny bugs gathered for a convention.The seaplanes in the harbor were for all the world like dragon flies hovering over the water.

Above North Toronto,the plane gained height and then took off northeast over the rich Ontario farm lands.For some minutes the picture had a pattern—the orderliness of man—who planned and arranged.

Then the picture changed abruptly.In the span of minutes nature in a petulant mood,disarranged not only man's pattern but her own.Marked as clearly as if it had been carved by a huge sickle is a path of wastage running northeast.Here in the path of tornado,trees have been flattened out as if a huge rock had rolled over them—their roots wrenched from the soil.

Only the frail new bushes,which did not try to resist the furor and the force,were still standing and many of them were stripped of their leaves.

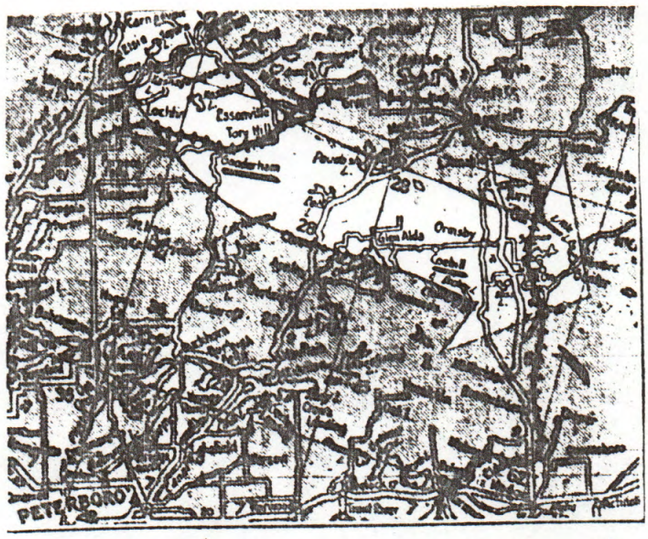
As the plane neared GOODERHAM,one of the worst hit by the storm, man's impotency against the caprices of nature was again evident.Here a feather light haystack stands,while the barn which sheltered it has been lifted from its stone moorings and scattered widely and crazily around the farmyard.

Near COE HILL,in HASTINGS COUNTY,twin trees,standing only inches apart,were separated.One remains,the other is a twisted mass—showing how knife-sharp was the outline of the tornado,

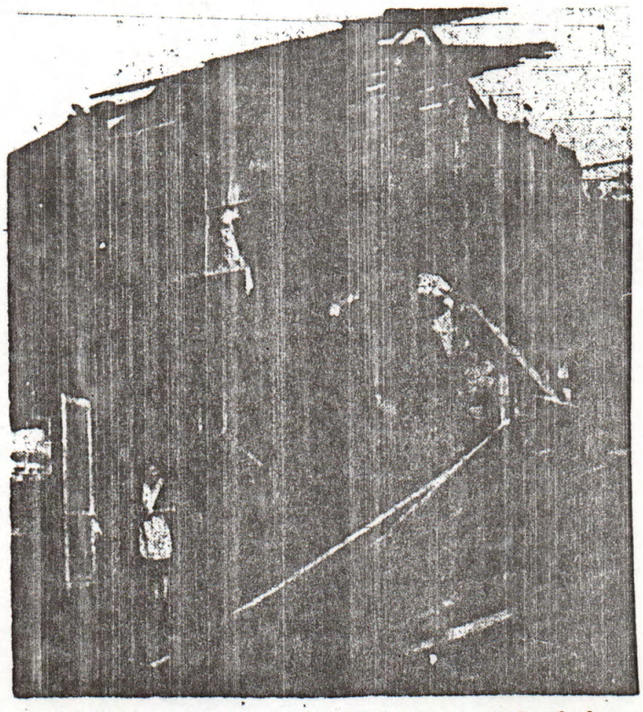
At a farm house five or six miles west, horses, their sturdy corrals broken, romp gaily over the area. The familiar snake fence has been thrown yards wide of its original position. From the skies are seen a group of men busily loading the hay blown about the barnyard back onto the floor of the barn, but the walls and the roof are gone.

Here and there through the countryside small groups of cars are gathered around the wreckage of farms and buildings. From this height the people seem almost motionless. At left, a tidy farm, with flourishing vegetable garden stands untouched, not more than 10 yards from the path of the storm. Cars, again looking like slow-moving colored beetles, converge on the spot — doubtlessly to help.

Here a roofless filling station by the side of the road — then trees flattened, a few miles on the scar healed — the tornado had spent itself.



Light arrow denotes path of tornado which swept through Southern Haliburton and Hastings Counties on Saturday.



This is a rear view of the CNR station at Gooderham. The shattered baggage room is seen at right. Most of the roof was torn off. Not much of the building remains.

Summary Sheet

IDTO - ID Number	:694705
AUTH - Report Author	:
TYFU - Tornado Type & Fuji Code	:a2
TITL - Report Title or Location	:Mazinaw Lake
PROV - Province	:Ontario
COUN - Counties	:Frontenac
REFS - References	:GM September 1, 2. 1947
ZOTO - Touchdown Zone Number & Easting	:18328100
NOTO - Touchdown Northing	:4968600
LOVA - Touchdown Error Value & Code	:500c
DADA - Date of Data Entry	:14/06/1990
ZOLO - Liftoff Zone Number & Easting	:
NOLO - Liftoff Northing	:
UPVA - Liftoff Error Value & Code	:
DEAD - Number of Fatalities	:
HURT - Number of People Injured	:
HERT - Injuries Code	:
DATA - Date of Tornado	:30/08/1947
DAVA - Date Error Value & Code	:
TITO - Time of Tornado	:1700
TIMR - Time Meridian	:75
TIVA - Time Error Value & Code	:30c
AXDA - Maximum Path Width	:405
AXVA - Max. Path Width Error & Code	:10c
AVDA - Average Damage Width	:
AVVA - Avg. Damage Width Error & Code	:
SADA - Sample Damage Width	:
SAVA - Sample Damage Width Error & Code	:
INTO - Initials	:JAM
DFTO - Detailed Report Flag	:n
JUNK - PRDA & DIMO & DALE	:
CODA - Property Damage Code	:
MISC - ORDE,PICS_TYPE,PICS_AVAIL,COCO	: 2
MANY - Multiple Event Flag	:y

MEMO:Cottages demolished. Many trees uprooted and broken. Telephone poles broken. As with all the other tornadoes on this day witnesses said this one was black in colour. After this tornado one witness describes the sky as turning yellow and then heavy rainfall.

PHEN - Associated Phenomena	:P
TSHP - Townships	:Barrie

JAM, 14/06/1990

694705

THE GLOBE AND MAIL.TORONTO,MONDAY SEPTEMBER 1ST.1947.

STORM DATE.(GOODERHAM) 5:25P.M.,SAT.AUG.30TH.1947.

TORNADO KILLS ONE,HURTS 23.

RIPS THROUGH 70 MILES OF TWO ONTARIO COUNTIES.

FIVE INJURED WHEN BLOWN TO TREETOPS.

BANCROFT,AUG.31.(Special) Roaring with the fury of a rocket bomb,a ornado late Saturday swept over the farm lands of two counties,blowing five ersons 100 yards from a wrecked home into the tops of a clump of cedar trees. t killed one girl instantly,severely injured another and left 23 more victims, ost of whom are in hospital.

In its wake lie the wreckage of half-a-dozen homes and a score of arns and buildings.

It wrecked a railway station at the village of GOODERHAM,where irst it struck,spilling the top storey across a mixed train,and toppling over ive box cars.Four persons were injured,none seriously.

A late report from the scene points to a second fatality.From the amlet of KIDD'S CORNERS,in the COE HILL district,comes word that a search has tarted for a little girl,as yet unidentified,who has not been seen since the torm.

With a fierce growl that rose to a steady shrill moan,the twister ipped east and south of GOODERHAM for 70 miles over the fields and woodlands HALIBURTON and HASTINGS COUNTIES,with a swath less than a half a mile wide.

But in no place did the devastation or the terror equal that in he COE HILL district.Eight miles from the hamlet it bore down upon three farm omes,wrecking all in 90 seconds.

In the first of these,12-year-old MYRNA FERGUSON,daughter of MR. nd MRS.WESLEY FERGUSON of COE HILL,who was visiting her grandparents,was killed. r skull was crushed by a flying timber.

Struggling across the fields to the rescue,neighbors found the five cupants of that home hanging in the trees.Screaming in terror,they clung to e branches for dear life as the dying tornado whipped about them.

Some were bleeding and naked.The wind had stripped them of their othing as quickly as it had felled their home.Strewn far across the fields re just a few remnants of it,planks and boards.There was scarcely a trace of eir furniture.

In this household,as well as the dead girl,were MR.and MRS.HARVEY AL,her grandparents;her brother,VERNON,age ten,and ELMER NEAL,an uncle,30. ey were taken to BANCROFT HOSPITAL.

Homeless,too,is the CAMPBELL family,who lived nearby.In hospital

MR.and MRS.FRED CAMPBELL,their five children;MR.and MRS.LEO CAMPBELL,and their two children,and GERALD CAMPBELL.

The third home to topple was that of FRED MARSHALL,across the road. Here MARJORIE PEACOCK,10,of FARADAY TOWNSHIP,a visitor,suffered a broken arm and possible internal injuries from which,it is feared,she may not recover. She was taken to the HOSPITAL for SICK CHILDREN in TORONTO,where her condition was first described as critical and later as satisfactory.

MARSHALL'S daughters,FAY,10,and JEAN,8,were hurled through the air and were found huddled against a cedar hedge 150 feet away.The family discovered 2-year-old UNA MARSHALL under a portion of the house siding,a huge splinter in her arm.

Caught up and tossed through the air for some distance,MERLE MARSHALL,5 and JOAN,3,suffered minor injuries.

Their mother rushed into the woodshed as the storm approached. When panes of glass shattered around her,she knelt and covered her face with her hands.The storm lifted the woodshed off her and carried it away but the woman was only slightly cut and bruised.

The storm broke around 5:15p.m.amid terrific flashes of lightning and deafening thunder claps.Plainly seen for miles,a smoky black cone spread low in the heavens unleashing torrents of hail and rain.Its fury was spent in 15 minutes.

Leaving desolation and the scars of desolation throughout the quiet countryside,the tornado also played fantastic pranks,uprooting trees and telephone poles and planting them firmly upside down in the earth.

Near COE HILL it lifted a service station off its foundation,drew out a car inside it and parked it on top of the structure with sufficient force to crush the roof.

Each building it struck was not blown directly down but spun in the air and then scattered to the winds.

NEAL and his son ELMER,were hauling in a load of hay when they saw the storm coming.ELMER had sought shelter in the garage when the wind hurled the structure more than 100 feet.He suffered a crushed leg,broken nose and several minor cuts.The elder NEAL suffered several fractured ribs.MRS.HARVEY NEAL'S foot was broken and she was staying with friends in BANCROFT.

From his hospital bed,ELMER NEAL described his experience.

"I saw this great black cloud coming.The roar was terrific.I could see huge trees swirling through the centre like toothpicks.....I don't know how long I was lying unconscious."

Moving east,the tornado wiped a line of trees off a hilltop and

roared across ROBINSON LAKE and struck a barn owned by MRS. A. NOTTAGER. The extent of the damage could not be learned as roads in the area were blocked with fallen trees. Nearby, a cottage owned by FOSTER McKILLICAN was carried off.

The storm carried off a garage, a cabin and an icehouse on the GEORGE PARKS farm on HIGHWAY No 62, which runs from MADOC to BANCROFT. It tore the roof off PARKS' house and badly damaged the walls.

The tornado then struck SALMON LAKE, northeast of MADOC. It picked up a boat containing three unidentified United States residents who had been fishing on the lake. The men were dumped into the water but swam ashore.

It was reliably reported that a small cabin was seen, about 100 feet in the air, blowing across SALMON LAKE.

With telephone and telegraph lines down, BANCROFT still was isplated. Settlers worked most of to-day to clear away fallen trees criss-crossed on roads.

DR. E. R. BEATTY of MADOC, who made a rush call to the COE HILL district, said: "The storm struck them so quickly they scarcely knew what happened. On the way to the scene I could not believe my eyes."

"What startled me first was the weird way in which the big elm trees were twisted. You could see the path of the tornado as plainly as if a giant bulldozer had run over it. Everything was flattened. At the fringes the trees were littered with shingles, boards and the tops of trees that had been blown down.

"It brought a lump to your throat when you saw a child's dress waving from a tall limb. I treated the injured Ihave lost track of the number.

"A man told me, 'I was lying on the floor and I closed my eyes when I felt the house sway. When I woke up the only thing I saw of the house was some boards being blown way up in the air high above the trees. The wind picked up the house, turned it around, then smahed it on the ground like a piece of kindling wood, then blew the wreckage to bits.'"

JACK HATCH, 14-year-old son of Provincial Constable J HATCH of BANCROFT, who visited the scene last night with his father, said:

"You would have to see the wreckage to believe what happened. One house was carried 100 feet from its foundation and flattened. You couldn't find one stick of furniture near it. All the stuff in the kitchen and the bedrooms was blown out. Yet in the cellar of the foundation you could see the preserves on the shelves, standing there ready to be opened for supper.

Tops of barns were blown off and hay spilled all over the barnyards. It looked as if the tornado had tried to coil it up.

"I looked up at a tall elm tree at the edge of the swath. The top had been broken off and in its place was planted the top of a balsam tree.

"Another elm tree was completely uprooted and swept for 350 feet before the storm let go of it.

"In a field I saw the end of a piano. There was nothing left of it but the end. The keyboard, the strings and every other piece of it had disappeared.

"In another field lay two cars. One had rolled over and over on its side for 200 yards up a steep hill. Only the tires were not damaged.

"In the farmyards with the wrecked barns you saw the pigs nosing about as if nothing had happened.

Crossing another stricken farm the constable's son saw the top torn off a well.

"That gives you an idea how terrific the suction of the storm was," he said.

Another home struck was that of ERNEST ANDERSON, occupied by himself and his wife. A barn nearby, owned by JACK ANDERSON, also disappeared in the twisting funnel and was wrecked.

Sweeping over SPRING LAKE, the twister in its "blowing out" stage ripped into the C.N.R. main line from TRENTON to BANCROFT, littering the tracks with trees and tearing down all communications, including telephone, forestry and telegraph lines to BANCROFT.

The twister levelled an area of standing timber at PAUDASH in HASTINGS COUNTY, slapping down huge trees "like match sticks". No buildings were in that area.

An official of the BANCROFT RED CROSS HOSPITAL said it was impossible to recognize the victims as they walked and were carried in. He said they were caked with mud and dirt, and their clothing ripped.

Reeve CLARK ROLLINS, of WOLLASTON TOWNSHIP, organized a party of men to get the injured to hospital. They had to clean roads of fallen trees, but got cars in to rush the people out.

DR. S.R. BEATTY of MADOC was one of the first in and rendered first aid on the spot.

Traffic in the area was tied up. Extra police were rushed from Belleville, MADOC and from here to control the chaos.

Prov. Cons. JOHN HATCH of MADOC placed a call for relief to the TORONTO RED CROSS shortly after the tornado struck.

ROOFS VANISH, 5 BOX CARS OVERTURNED.

GOODERHAM, AUG. 31, (Staff) Five freight cars were rolled over like match boxes, the local AGRICULTURAL HALL vanished and roofs were torn off like tops of cardboard cartons late Saturday afternoon when the tornado hit this village

Racing along at 120 miles an hour, a cone shaped cloud whirled across the village carrying trees, scantlings and even birds in its vortex. It struck with the roar of a dozen freight trains, eyewitnesses said, and in 90 seconds had disappeared, leaving wrecked homes and buildings in its wake.

The mixed passenger and freight train which operates between LINSAY and BANCROFT was standing at the C.N.R. STATION when the tornado struck.

Three persons were injured and five freight cars were bowled over, the roof was torn off the station and the EXPRESS SHED was demolished.

The injured are MURRAY POLSON, the relief STATION AGENT, who was hit by a scantling blown from the village LUMBER YARD. BOB FERGUSON, brakeman, also hit by a piece of lumber and EARL MITCHELL, a passenger on the train.

The roof of the SAW MILL was ripped off and a few thousand feet of lumber scattered over the countryside. Four cottages were wrecked, two of them smashed to smithereens. All that is left of them are the cement abutments to which they had been anchored.

The AGRICULTURAL HALL, where the village fair is held annually, was picked up and blown away. A barn belonging to JOHN McCOLL, a mile west of here, vanished in the same way.

Waves ten to twelve feet high were whipped up on nearby PINE LAKE as the tornado hit. Boats were torn from their moorings and were floating overturned in the water today.

Tall pine and cedar trees lining PINE LAKE were felled like jackstraws. The highway north of here was blocked for nearly six hours Saturday night by the trees which had been swept across it for a distance of 500 yards, the width of the tornado swath.

A fierce hail storm heralded the approach of the tornado.

W.J. DAY, 251 QUEBEC AVE. TORONTO, was in the bush about six miles north of GOODERHAM, at the time, clearing some property for a proposed summer home.

"There were four of us and we all ran for my car as the storm started," said MR. DAY.

"It is a good thing we made the car when we did. Hailstones pounded on the roof of the car so hard that I thought it would cave in. They were big flat stones, half the size of saucers. Sitting in the car, we could not see more than five feet outside."

MR. DAY escaped the tornado but saw its wreckage as he drove back to GOODERHAM. Twice he had to get out and strip trees which had been felled and lay lengthwise on the rough road. One of them was a knotty pine 18 inches in diameter, and he showed blisters on his hands from chopping at it with an axe.

Finally, he was blocked outside GOODERHAM by the mass of trees which overlay the road where the tornado had actually cut across it.

Day was staying at one of four cabins owned by T.R. PEACOCK on PINE RIVER, just outside the village. When he got there, he found his cabin upside down in the river. Everything he had with him except the bush clothes he was wearing had been blown away or ruined by water.

The cabins were about 16 by 12 feet and were secured to cement abutments. MR. DAY'S cabin was largely intact but all that remained of the other three cabins was about half of one of them. Wreckage was strewn on the opposite of the river.

MR. PEACOCK, the owner of the cabins, put his loss at $2,500. For the past two years he has worked to build the cabins and the fruits of his labour went in 90 seconds.

When the storm struck the C.N.R. STATION, MRS. A. CARMICHAEL who is stationmaster, was inside with her daughter, MISS FAY CARMICHAEL, of LINDSAY. The doors jammed and the two terrified women were trapped within it until the tornado had passed.

"There was a terrific uproar," said MISS CARMICHAEL. "Laths and scantling were flying everywhere. The whole back and side of the express shed beside our living quarters disappeared. The roof was lifted off the living quarters. When we finally got outside, the station platform was so littered with debris that the passengers and trainmen could hardly move. The trainmen finally managed to free us."

MRS. CARMICHAEL'S finger was cut by flying glass but MISS CARMICHAEL escaped injury.

With their living quarters in the station demolished the CARMICHAELS have moved what they could find of their personal effects into an empty boxcar where they are now living. One of Mrs. Carmichael's white curtains is hanging from the top of a near-by telephone pole.

Much of their clothing was blown away but their furniture is

largely intact.

DALLYN PICKENS, owner of MOUNTAIN VIEW LODGE, a hotel near the village, left his supper and ran out onto his verandah to see the twister approach at 5:25p.m. It came from the northwest, he said.

"I saw a funnel of air whirling along," he said. "It picked up the STATION roof and the MILL roof and carried them away."

In half a minute, he estimated the tornado travelled a mile, making its rate 120 miles per hour.

CRAWFORD SHIER, a village resident, saw planks flying through the air after the tornado passed over the LUMBER YARD owned by J.E.HUNTER. SHIER hurried his wife and their eight-months-old son DAVID, out of their house and they all lay down on the grass. Planks from the lumberyard fell near their house but they were unhurt.

MOSS MADILL, another villager, said the waves on PINE LAKE were 10 or 12 feet high. Trees were uprooted and carried away. He also saw chickens being carried in the twister, he said.

YOUTH IS BLOWN 100 FEET, BRUISED AND KNOCKED OUT. By LEX SCHRAGG.

—Globe and Mail Wirephoto.
Glen Beggs,
16, of Coe Hill, who was rendered unconscious when tornado struck woodshed in which he had taken shelter.

COE HILL, AUG. 31, (Staff) Several miles north of COE HILL, on what is known as the ROSE ISLAND ROAD, the tornado left its worst havoc and I have talked to a youth who lived through it.

He is 16-year-old GLEN BEGGS, a hired hand on the farm of MR. and MRS. LEO CAMPBELL. There the house was obliterated, the roof torn off the barn and a machine shed blown away.

Suffering a badly bruised head, Glen was carried 100 feet through the air. He doesn't remember that. He is sure he must have been, however, for there is no other explanation.

"We were eating supper when the storm blew the house to bits," he said. "It was roaring like an express train. The air was full of mud and sand. I rushed to the woodshed. There I felt myself being lifted. When I came to, I was in the field. I must have been knocked out."

"The next thing I remember was LEO CAMPBELL scrambling through the wreckage. He was looking for his wife. She was hurt but not badly, I am told. He found her lying among the debris. Then Leo ran to find a car that would run. There were two on the farm. One belonged to Leo and the other to his brother, Gerald.

"One car had been rolled on its side and was a wreck.The other had the roof taken off it but it would still run.He put MRS.CAMPBELL in it and started off for the road.But he could not travel there because it was blocked with telephone poles.He bounced over the fields for help to the home of my aunt,MRS EMMA MASTERS."

"The CAMPBELL'S lost everything.They later found the warming oven of the kitchen stove and parts of their radio on a hill 300 yards from the side of the house.THeir furniture is scattered for miles.

"I saw the binder upside down in the lane.It had been carried 500 feet. A field roller was stood on end against a post.The tornado ripped the wire from the fence.The road grader took a twisting too."

IF DOG COULD TALK FARMER MIGHT FIND HIS MISSING BARN.

GOODERHAM,AUG.31.(Special)If only his dog could talk,Farmer JOHN McCOLL could find out where his barn is.

McCOLL saw the last of his barn just before the tornado struck here Saturday.The 120 mile whirlwind lifted the 60 foot barn as if it was a toy and whirled it out of sight.

The dog was chained in the barn and McCOLL thought he had seen the last of the animal.But about 45 minutes after the barn vanished,the dog was back on McCOLL'S porch,dragging its chain.

McCOLL does't know where the barn was blown to.but the dog does.

VIOLENT WINDSTORM WAS A TORNADO,EXPERT EXPLAINS.

The violent,whirling windstorm which took one life and caused heavy damage in HALIBURTON and HASTINGS COUNTIES late yesterday was a tornado,a meteorologist at the PUBLIC WEATHER OFFICE AT MALTON said last night.

In the UNITED STATES,cyclones,tornadoes and twisters are considered as a single type of weather phenomena but in CANADA and BRITISH meteorology a distinction is made between cyclones and tornadoes.

A cyclone is a clockwise whirl which may cover several hundred miles but a tornado is a funnel-shaped cloud with extremely high circular winds which cuts a path through a narrow area,the meteorologist said.

The tornado Saturday occurred as a band of severe thunderstorms moved eastward through Southern Ontario,he added.

TORNADO CASUALTY LIST.

BANCROFT,AUG.31.Casualty list in the HASTINGS and HALIBURTON COUNTIES tornado,reported thus far,follows:

DEAD.

MYRNA FERGUSON,12.

INJURED.

VERNON FERGUSON, 10.
MR.and MRS HARVEY NEAL.
ELMER NEAL, 30.
MR.and MRS.FRED MARSHALL.
FAY MARSHALL, 11.
JEAN MARSHALL, 9.
MERLE MARSHALL, 7.
JOAN MARSHALL, 5.
UNA MARSHALL, 2.
MARJORIE PEACOCK, 10.
MR.and MRS.LEO CAMPBELL,
GRADEN CAMPBELL, 10.
COLLEEN CAMPBELL, 8.
GERALD CAMPBELL, 26.
MR.and MRS.ERNEST ANDERSON.
JOHN ANDERSON,
MURRAY POLSON.
BOB FERGUSON.
EARL MITCHELL.

All the injured are in BANCROFT HOSPITAL,except MARJORIE PEACOCK, who was taken to HOSPITAL for SICK CHILDREN in TORONTO.

GLOBE AND MAIL,TUESDAY SEPTEMBER 2ND.1947.

TORNADO JERKED WATER 100 FEET UP.

TWEED,SEPT.1.(Special)Reports of a broken power line at STEWARTSVILLE prompted the suggestion today that the tornado which hit EASTERN ONTARIO on Saturday may have cut a swath through the bush 100 miles long.

The twister was believed responsible for the power line cut at STEWARTSVILLE,30 miles northwest of OTTAWA.Thus it roared through five counties HALIBURTON,HASTINGS,LENNOX,and ADDINGTON,FRONTENAC and RENFREW. It was suggested that after travelling from GOODERHAM in HALIBURTON to BON ECHO ROCK in FRONTENAC the tornado turned west to STEWARTSVILLE.

Provincial forestry officials said,after viewing the path of the tornado,that some lakes were nearly filled with logs from trees blown into them.

A hard hit area was CLOYNE at LAKE MAZINAW,40 miles northeast of TWEED,Several cottages were demolished and all wire communications cut.

LLOYD VAN WYCK,formerly of GALT,who recently established a tourist resort on LAKE MAZINAW,said the storm finally spent itself in the lake a few yards in front of his cottages.

[redacted]

"My wife and two small children PETER and JOHN huddled in the cottage as the twister ripped down telephone lines and trees all around us

and we expected any moment that we would be swept out into the lake with the rest of the debris,"he said."The lake was churned up as though from an atomic bomb.The water was swept out fifteen feet from shore and it suddenly spiralled upward at least a hundred feet."

Today the shore line is littered with branches from uprooted trees, pieces of wood and other refuse.Immediately after the storm,the sky turned yellow,there was a heavy downpour of rain and then it cleared up.

"We suddenly saw that the sky was becoming black,all at once there was a tremendous roar,and the tornado swept in from the west with terrible velocity,flattening everything in its path.I would say that it cut a swath about a quarter mile wide through the bush and it looked as though a giant bulldozer had gone through crumbling everything in its path,"VAN WYCK told newspapermen.

JAMES STONE who operates a coach line between TWEED and DENBIGH, was held up some time as highway workers under the direction of THOMAS KITTINGBECK attempted to clear the road of trees which had been uprooted. STONE said he was warned to return to CLOYNE by a party of American tourists who were unable to get through.

WALLACE MOON of TWEED who was en route to the northern lakes for the holiday and was likewise held up at CLOYNE for some hours,said cottagers told him that the roar was greater than a dynamite explosion. A careful check of damage is impossible with telephone lines down,but MRS. J.J.VOGAN, NORTHBROOK operator,said no persons were injured in the area,so far as is known.

TORNADO BLAST PINS OLD WOMAN BENEATH BEAM.

By JACK HAMBLETON.

COE HILL,SEPT.1.(Staff)A grieving grandmother lies on a bed at the home of a relative near BANCROFT today,fretting over the death of her granddaughter MYRNA FERGUSON, and worried about the future.Her home and all her earthly possessions are gone scattered by the tornado which Saturday demolished four farm homes in this area.She is MRS.HARVEY NEAL.Trying to comfort her is VERNON FERGUSON,10,her second grandchild,who also was with her when the storm struck.Of the NEAL home,there is not five cents worth of furniture,food or clothing worth salvaging.HARVEY NEAL himself is in hospital at BANCROFT,last of 23 injured to be still in hospital.He cries when you talk to him .Everthing he owned is gone.

This is MRS.NEAL'S story of what happened in those few brief minutes of Saturday night:"MYRNA was in the kitchen with me helping to dry

Mrs. John Sarginson of Bancroft cares for Vernon Ferguson, whose face was cut in same blast which carried his sister Myrna to her death, and Mrs. Harvey Neal.

Harvey Neal

the dishes. I looked out and saw the storm. I said to her, 'The barn is going to be blown over.' I closed the doors and windows in the house, and then saw the men (her husband and two sons) running for the house, The front door blew open and I rushed to shut it. That is the last I remember.

"When I recovered I was lying face down on the ground where the door had left me. The floor itself was gone and I was trapped under a beam. My shoes were gone. I know I had them on when I went to close the door, but I don't know what happened to them after. We found the little girl amidst the wreckage.

"My foot was badly cut somehow, and my body is covered with bruises, scratches and cuts, but how I got them I don't know. LEO CAMPBELL, whose farm was near ours (and also destroyed) had the only car around which would run and he drove it into COE HILL for help. The people there have been simply wonderful. They streamed in here and took us to the Red Cross Hospital at BANCROFT, where the nurses gave us all first aid. My husband is still there. I don't know what we are going to do. We can get help to rebuild, but we haven't a thing to rebuild. All our possessions are gone."

Where MRS. NEAL stood to wash the dishes is today a shapeless pile of rubble. Her jars of preserves — prize possessions of any farm woman — are a mess of broken glass and fruit. Not a dish remains unbroken; not a stick of furniture intact.

Just over the hill is where the farm of FRED MARSHALL was located. His five children were all injured, while MARJORIE PEACOCK, 10, a visiting friend, was blown with his daughters JEAN and MERLE from the top story of the house to the top of the hill 100 yards away. The PEACOCK child is seriously injured and in HOSPITAL for SICK CHILDREN, TORONTO.

As nearly as he knows, this is what happened at the MARSHALL home: "I saw it coming. It seemed to roll over and over and carried trees, roots and all, at least 250 feet in the air. I had just driven home, and told my wife I had better close the windows of my car. Back at the house, the sky was black as tar, with the storm cloud seemingly rolling low, but the sky quite

clear above.

"We would have had time to get to our root house,near by,but I didn't think it was going to be bad enough for that.Then it came,and I suddenly found myself flying through the air.I crashed into the branches of an elm tree about 50 feet away,and when I came around there was nothing left of the house.I found MERLE,JEAN and the PEACOCK child 100 yards away on the hill.They had been upstairs when the storm struck and it evidently carried them in a line from the second story to the hillside.

"The stove is away back in the bush.As an indication of the suction of the storm,the radio battery is about 50 yards away.My car was wrecked, and there isn't enough left of the house to start a fire."

At the CAMPBELL farm,the story is the same.It rests in a valley not far from MARSHALL'S.The cleared hillside half a mile away is littered with the remains of the house,blacksmith shop and other buildings.

COE HILL is about 50 miles north of PETERBOROUGH,but to reach it you have to leave the highway and take to the twisting,hilly roads.Driving over these at more than five miles an hour is dangerous driving.Yet all through the weekend hundreds of farmers made the trip,not just for morbid curiosity,but because they wanted to help.A collection being taken at the site of the NEAL farm already totals more than $500,and by no stretch of the imagination could the COE HILL district be called a prosperous farming community.

That is what makes MRS.NEAL cry,too,"People have been simply wonderful to us."she said today.

Meanwhile,Nurses MRS.EVA PORTER and MRS.BEATRICE DORESA of the little BANCROFT HOSPITAL,heaved a sigh of relief.Nine persons in all were given first aid on that hectic Saturday night;three were hospitalized and tonight only MR.NEAL remains.

"It was simply horrible,"they said."these unfortunate people were brought in here simply cut,bruised and burned almost beyond recognition. Dirt was plastered into their skins.The women and girls who have gone home from here will have an awful time getting debris out of their hair.We did the best we could,cleaning them up as much as possible,but even so we couldn't get all the dirt off."

Today the homeless children and adults are scattered over a wide area.Some are with relatives or friends at BANCROFT or COE HILL,others throughout CHANDOS and GLENALDA TOWNSHIP.The Red Cross has flown medical supplies and clothing to supply them,but the districts inaccessibility makes it hard for the goods to reach them.Farmers from all around the area

have given up their own farm work, at least temporarily, while they try to salvage what crops they can for the stricken families. They won't amount to much, for at the NEAL home, for instances, even onion and potatoes were blown right out of the ground.

TORNADO'S COURSE CUT ACROSS EARTH LIKE SABRE WOUND.

By HELEN BEATTIE.

Like a curving, disfiguring sabre scar across the face of HALIBURTON and HASTINGS COUNTIES, the devastation left by Saturday's tornado is as clearly defined as a highway on a road map.

From the GLOBE and MAIL'S Grumman amphibian plane a tour of the path of the storm, through the forest, the small villages and tiny settlements, bustling activity indicates already that the work of reconstruction has begun.

The aircraft left MALTON at 10a.m., circling first over the Exhibition grounds, toward which crowds already moved as if drawn by a magnet. From the height, the thousand of parked cars lined along the lakeshore lokked like orderly shiny bugs gathered for a convention. The seaplanes in the harbor were for all the world like dragon flies hovering over the water.

Above North Toronto, the plane gained height and then took off northeast over the rich Ontario farm lands. For some minutes the picture had a pattern — the orderliness of man — who planned and arranged.

Then the picture changed abruptly. In the span of minutes nature in a petulant mood, disarranged not only man's pattern but her own. Marked as clearly as if it had been carved by a huge sickle is a path of wastage running northeast. Here in the path of tornado, trees have been flattened out as if a huge rock had rolled over them — their roots wrenched from the soil.

Only the frail new bushes, which did not try to resist the furor and the force, were still standing and many of them were stripped of their leaves.

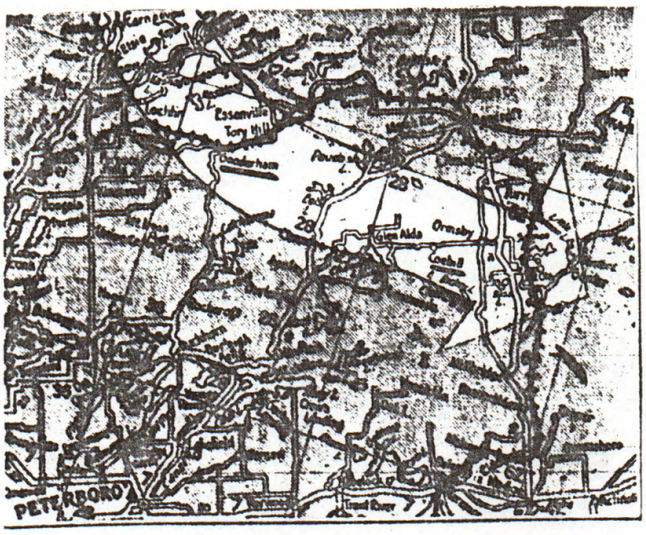
As the plane neared GOODERHAM, one of the worst hit by the storm, man's impotency against the caprices of nature was again evident. Here a feather light haystack stands, while the barn which sheltered it has been lifted from its stone moorings and scattered widely and crazily around the farmyard.

Near COE HILL, in HASTINGS COUNTY, twin trees, standing only inches apart, were separated. One remains, the other is a twisted mass — showing how knife-sharp was the outline of the tornado.

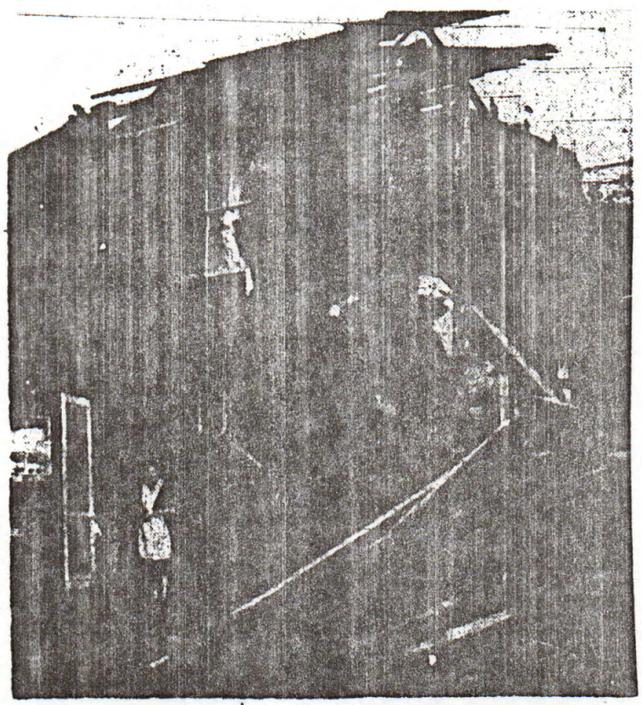
At a farm house five or six miles west, horses, their sturdy corrals broken, romp gaily over the area. The familiar snake fence has been thrown yards wide of its original position. From the skies are seen a group of men busily loading the hay blown about the barnyard back onto the floor of the barn, but the walls and the roof are gone.

Here and there through the countryside small groups of cars are gathered around the wreckage of farms and buildings. From this height the people seem almost motionless. At left, a tidy farm, with flourishing vegetable garden stands untouched, not more than 10 yards from the path of the storm. Cars, again looking like slow-moving colored beetles, converge on the spot — doubtlessly to help.

Here a roofless filling station by the side of the road — then trees flattened, a few miles on the scar healed — the tornado had spent itself.



Light arrow denotes path of tornado which swept through Southern Haliburton and Hastings Counties on Saturday.



This is a rear view of the CNR station at Gooderham. The shattered baggage room is seen at right. Most of the roof was torn off. Not much of the building remains.

Summary Sheet

IDTO - ID Number :694706
AUTH - Report Author :
TYFU - Tornado Type & Fuji Code :c1
TITL - Report Title or Location :Stewartville
PROV - Province :Ontario
COUN - Counties :Renfrew
REFS - References :GM September 1, 2.
1947
ZOTO - Touchdown Zone Number & Easting :18382180
NOTO - Touchdown Northing :5029330
LOVA - Touchdown Error Value & Code :204r
DADA - Date of Data Entry :14/06/1990
ZOLO - Liftoff Zone Number & Easting :
NOLO - Liftoff Northing :
UPVA - Liftoff Error Value & Code :
DEAD - Number of Fatalities :
HURT - Number of People Injured :
HERT - Injuries Code :
DATA - Date of Tornado :30/08/1947
DAVA - Date Error Value & Code :
TITO - Time of Tornado :1800
TIMR - Time Meridian :75
TIVA - Time Error Value & Code :35s
AXDA - Maximum Path Width :
AXVA - Max. Path Width Error & Code :
AVDA - Average Damage Width :
AVVA - Avg. Damage Width Error & Code :
SADA - Sample Damage Width :
SAVA - Sample Damage Width Error & Code:
INTO - Initials :JAM
DFTO - Detailed Report Flag :n
JUNK - PRDA & DIMO & DALE :
CODA - Property Damage Code :
MISC - ORDE,PICS_TYPE,PICS_AVAIL,COCO : 1
MANY - Multiple Event Flag :y

MEMO:Powerlines cut.

PHEN - Associated Phenomena :
TSHP - Townships :McNab

JAM, 14/06/1990

694706

THE GLOBE AND MAIL.TORONTO,MONDAY SEPTEMBER 1ST.1947.

STORM DATE.(GOODERHAM) 5:25P.M.,SAT.AUG.30TH.1947.

TORNADO KILLS ONE,HURTS 23.

RIPS THROUGH 70 MILES OF TWO ONTARIO COUNTIES.

FIVE INJURED WHEN BLOWN TO TREETOPS.

BANCROFT,AUG.31.(Special) Roaring with the fury of a rocket bomb,a tornado late Saturday swept over the farm lands of two counties,blowing five persons 100 yards from a wrecked home into the tops of a clump of cedar trees. It killed one girl instantly,severely injured another and left 23 more victims, most of whom are in hospital.

In its wake lie the wreckage of half-a-dozen homes and a score of barns and buildings.

It wrecked a railway station at the village of GOODERHAM,where first it struck,spilling the top storey across a mixed train,and toppling over five box cars.Four persons were injured,none seriously.

A late report from the scene points to a second fatality.From the hamlet of KIDD'S CORNERS,in the COE HILL district,comes word that a search has started for a little girl,as yet unidentified,who has not been seen since the storm.

With a fierce growl that rose to a steady shrill moan,the twister ripped east and south of GOODERHAM for 70 miles over the fields and woodlands of HALIBURTON and HASTINGS COUNTIES,with a swath less than a half a mile wide.

But in no place did the devastation or the terror equal that in he COE HILL district.Eight miles from the hamlet it bore down upon three farm omes,wrecking all in 90 seconds.

In the first of these,12-year-old MYRNA FERGUSON,daughter of MR. nd MRS.WESLEY FERGUSON of COE HILL,who was visiting her grandparents,was killed. er skull was crushed by a flying timber.

Struggling across the fields to the rescue,neighbors found the five ccupants of that home hanging in the trees.Screaming in terror,they clung to he branches for dear life as the dying tornado whipped about them.

Some were bleeding and naked.The wind had stripped them of their lothing as quickly as it had felled their home.Strewn far across the fields ere just a few remnants of it,planks and boards.There was scarcely a trace of heir furniture.

In this household,as well as the dead girl,were MR.and MRS.HARVEY EAL,her grandparents;her brother,VERNON,age ten,and ELMER NEAL,an uncle,30. hey were taken to BANCROFT HOSPITAL.

Homeless,too,is the CAMPBELL family,who lived nearby.In hospital

MR.and MRS.FRED CAMPBELL,their five children;MR.and MRS.LEO CAMPBELL,and their two children,and GERALD CAMPBELL.

The third home to topple was that of FRED MARSHALL,across the road. Here MARJORIE PEACOCK,10,of FARADAY TOWNSHIP,a visitor,suffered a broken arm and possible internal injuries from which,it is feared,she may not recover. She was taken to the HOSPITAL for SICK CHILDREN in TORONTO,where her condition was first described as critical and later as satisfactory.

MARSHALL'S daughters,FAY,10,and JEAN,8,were hurled through the air and were found huddled against a cedar hedge 150 feet away.The family discovered 2-year-old UNA MARSHALL under a portion of the house siding,a huge splinter in her arm.

Caught up and tossed through the air for some distance,MERLE MARSHALL,5 and JOAN,3,suffered minor injuries.

Their mother rushed into the woodshed as the storm approached. When panes of glass shattered around her,she knelt and covered her face with her hands.The storm lifted the woodshed off her and carried it away but the woman was only slightly cut and bruised.

The storm broke around 5:15p.m.amid terrific flashes of lightning and deafening thunder claps.Plainly seen for miles,a smoky black cone spread low in the heavens unleashing torrents of hail and rain.Its fury was spent in 15 minutes.

Leaving desolation and the scars of desolation throughout the quiet countryside,the tornado also played fantastic pranks,uprooting trees and telephone poles and planting them firmly upside down in the earth.

Near COE HILL it lifted a service station off its foundation,drew out a car inside it and parked it on top of the structure with sufficient force to crush the roof.

Each building it struck was not blown directly down but spun in the air and then scattered to the winds.

NEAL and his son ELMER,were hauling in a load of hay when they saw the storm coming.ELMER had sought shelter in the garage when the wind hurled the structure more than 100 feet.He suffered a crushed leg,broken nose and several minor cuts.The elder NEAL suffered several fractured ribs.MRS.HARVEY NEAL'S foot was broken and she was staying with friends in BANCROFT.

From his hospital bed,ELMER NEAL described his experience.

"I saw this great black cloud coming.The roar was terrific.I could see huge trees swirling through the centre like toothpicks.....I don't know how long I was lying unconscious."

Moving east,the tornado wiped a line of trees off a hilltop and

roared across ROBINSON LAKE and struck a barn owned by MRS. A. NOTTAGER. The extent of the damage could not be learned as roads in the area were blocked with fallen trees. Nearby, a cottage owned by FOSTER McKILLICAN was carried off.

The storm carried off a garage, a cabin and an icehouse on the GEORGE PARKS farm on HIGHWAY No 62, which runs from MADOC to BANCROFT. It tore the roof off PARKS' house and badly damaged the walls.

The tornado then struck SALMON LAKE, northeast of MADOC. It picked up a boat containing three unidentified United States residents who had been fishing on the lake. The men were dumped into the water but swam ashore.

It was reliably reported that a small cabin was seen, about 100 feet in the air, blowing across SALMON LAKE.

With telephone and telegraph lines down, BANCROFT still was isplated. Settlers worked most of to-day to clear away fallen trees criss-crossed on roads.

DR. E. R. BEATTY of MADOC, who made a rush call to the COE HILL district, said: "The storm struck them so quickly they scarcely knew what happened. On the way to the scene I could not believe my eyes."

"What startled me first was the weird way in which the big elm trees were twisted. You could see the path of the tornado as plainly as if a giant bulldozer had run over it. Everything was flattened. At the fringes the trees were littered with shingles, boards and the tops of trees that had been blown down.

"It brought a lump to your throat when you saw a child's dress waving from a tall limb. I treated the injured Ihave lost track of the number.

"A man told me, 'I was lying on the floor and I closed my eyes when I felt the house sway. When I woke up the only thing I saw of the house was some boards being blown way up in the air high above the trees. The wind picked up the house, turned it around, then smahed it on the ground like a piece of kindling wood, then blew the wreckage to bits.'"

JACK HATCH, 14-year-old son of Provincial Constable J HATCH of BANCROFT, who visited the scene last night with his father, said:

"You would have to see the wreckage to believe what happened. One house was carried 100 feet from its foundation and flattened. You couldn't find one stick of furniture near it. All the stuff in the kitchen and the bedrooms was blown out. Yet in the cellar of the foundation you could see the preserves on the shelves, standing there ready to be opened for supper.

Tops of barns were blown off and hay spilled all over the barnyards. It looked as if the tornado had tried to coil it up.

"I looked up at a tall elm tree at the edge of the swath. The top had been broken off and in its place was planted the top of a balsam tree.

"Another elm tree was completely uprooted and swept for 350 feet before the storm let go of it.

"In a field I saw the end of a piano. There was nothing left of it but the end. The keyboard, the strings and every other piece of it had disappeared.

"In another field lay two cars. One had rolled over and over on its side for 200 yards up a steep hill. Only the tires were not damaged.

"In the farmyards with the wrecked barns you saw the pigs nosing about as if nothing had happened.

Crossing another stricken farm the constable's son saw the top torn off a well.

"That gives you an idea how terrific the suction of the storm was," he said.

Another home struck was that of ERNEST ANDERSON, occupied by himself and his wife. A barn nearby, owned by JACK ANDERSON, also disappeared in the twisting funnel and was wrecked.

Sweeping over SPRING LAKE, the twister in its "blowing out" stage ripped into the C.N.R. main line from TRENTON to BANCROFT, littering the tracks with trees and tearing down all communications, including telephone, forestry and telegraph lines to BANCROFT.

The twister levelled an area of standing timber at PAUDASH, in HASTINGS COUNTY, slapping down huge trees "like match sticks". No buildings were in that area.

An official of the BANCROFT RED CROSS HOSPITAL said it was impossible to recognize the victims as they walked and were carried in. He said they were caked with mud and dirt, and their clothing ripped.

Reeve CLARK ROLLINS, of WOLLASTON TOWNSHIP, organized a party of men to get the injured to hospital. They had to clean roads of fallen trees, but got cars in to rush the people out.

DR. S.R. BEATTY of MADOC was one of the first in and rendered first aid on the spot.

Traffic in the area was tied up. Extra police were rushed from Belleville, MADOC and from here to control the chaos.

Prov. Cons. JOHN HATCH of MADOC, placed a call for relief to the TORONTO RED CROSS shortly after the tornado struck.

ROOFS VANISH, 5 BOX CARS OVERTURNED.

GOODERHAM, AUG. 31, (Staff) Five freight cars were rolled over like match boxes, the local AGRICULTURAL HALL vanished and roofs were torn off like tops of cardboard cartons late Saturday afternoon when the tornado hit this village

Racing along at 120 miles an hour, a cone shaped cloud whirled across the village carrying trees, scantlings and even birds in its vortex. It struck with the roar of a dozen freight trains, eyewitnesses said, and in 90 seconds had disappeared, leaving wrecked homes and buildings in its wake.

The mixed passenger and freight train which operates between LINDSAY and BANCROFT was standing at the C.N.R. STATION when the tornado struck.

Three persons were injured and five freight cars were bowled over, the roof was torn off the station and the EXPRESS SHED was demolished.

The injured are MURRAY POLSON, the relief STATION AGENT, who was hit by a scantling blown from the village LUMBER YARD. BOB FERGUSON, brakeman, also hit by a piece of lumber and EARL MITCHELL, a passenger on the train.

The roof of the SAW MILL was ripped off and a few thousand feet of lumber scattered over the countryside. Four cottages were wrecked, two of them smashed to smithereens. All that is left of them are the cement abutments to which they had been anchored.

The AGRICULTURAL HALL, where the village fair is held annually, was picked up and blown away. A barn belonging to JOHN McCOLL, a mile west of here, vanished in the same way.

Waves ten to twelve feet high were whipped up on nearby PINE LAKE as the tornado hit. Boats were torn from their moorings and were floating overturned in the water today.

Tall pine and cedar trees lining PINE LAKE were felled like jackstraws. The highway north of here was blocked for nearly six hours Saturday night by the trees which had been swept across it for a distance of 500 yards, the width of the tornado swath.

A fierce hail storm heralded the approach of the tornado.

W.J. DAY, 251 QUEBEC AVE. TORONTO, was in the bush about six miles north of GOODERHAM, at the time, clearing some property for a proposed summer home.

"There were four of us and we all ran for my car as the storm started," said MR. DAY.

"It is a good thing we made the car when we did. Hailstones pounded on the roof of the car so hard that I thought it would cave in. They were big flat stones, half the size of saucers. Sitting in the car, we could not see more than five feet outside."

MR. DAY escaped the tornado but saw its wreckage as he drove back to GOODERHAM. Twice he had to get out and strip trees which had been felled and lay lengthwise on the rough road. One of them was a knotty pine 18 inches in diameter, and he showed blisters on his hands from chopping at it with an axe.

Finally, he was blocked outside GOODERHAM by the mass of trees which overlay the road where the tornado had actually cut across it.

Day was staying at one of four cabins owned by T.R. PEACOCK on PINE RIVER, just outside the village. When he got there, he found his cabin upside down in the river. Everything he had with him except the bush clothes he was wearing had been blown away or ruined by water.

The cabins were about 16 by 12 feet and were secured to cement abutments. MR. DAY'S cabin was largely intact but all that remained of the other three cabins was about half of one of them. Wreckage was strewn on the opposite of the river.

MR. PEACOCK, the owner of the cabins, put his loss at $2,500. For the past two years he has worked to build the cabins and the fruits of his labour went in 90 seconds.

When the storm struck the C.N.R. STATION, MRS. A. CARMICHAEL ~~of LINDSAY~~ who is stationmaster, was inside with her daughter, MISS FAY CARMICHAEL of LINDSAY. The doors jammed and the two terrified women were trapped within it until the tornado had passed.

"There was a terrific uproar," said MISS CARMICHAEL. "Laths and scantling were flying everywhere. The whole back and side of the express shed beside our living quarters disappeared. The roof was lifted off the living quarters. When we finally got outside, the station platform was so littered with debris that the passengers and trainmen could hardly move. The trainmen finally managed to free us."

MRS. CARMICHAEL'S finger was cut by flying glass but MISS CARMICHAEL escaped injury.

With their living quarters in the station demolished the CARMICHAELS have moved what they could find of their personal effects into an empty boxcar where they are now living. One of Mrs. Carmichael's white curtains is hanging from the top of a near-by telephone pole.

Much of their clothing was blown away but their furniture is

largely intact.

DALLYN PICKENS, owner of MOUNTAIN VIEW LODGE, a hotel near the village, left his supper and ran out onto his verandah to see the twister approach at 5:25p.m. It came from the northwest, he said.

"I saw a funnel of air whirling along," he said. "It picked up the STATION roof and the MILL roof and carried them away."

In half a minute, he estimated the tornado travelled a mile, making its rate 120 miles per hour.

CRAWFORD SHIER, a village resident, saw planks flying through the air after the tornado passed over the LUMBER YARD owned by J.E. HUNTER. SHIER hurried his wife and their eight-months-old son DAVID, out of their house and they all lay down on the grass. Planks from the lumberyard fell near their house but they were unhurt.

MOSS MADILL, another villager, said the waves on PINE LAKE were 10 or 12 feet high. Trees were uprooted and carried away. He also saw chickens being carried in the twister, he said.

YOUTH IS BLOWN 100 FEET, BRUISED AND KNOCKED OUT. By LEX SCHRAGG.

—Globe and Mail Wirephoto.
Glen Beggs,
16, of Coe Hill, who was rendered unconscious when tornado struck woodshed in which he had taken shelter.

COE HILL, AUG. 31. (Staff) Several miles north of COE HILL, on what is known as the ROSE ISLAND ROAD, the tornado left its worst havoc and I have talked to a youth who lived through it.

He is 16-year-old GLEN BEGGS, a hired hand on the farm of MR. and MRS. LEO CAMPBELL. There the house was obliterated, the roof torn off the barn and a machine shed blown away.

Suffering a badly bruised head, Glen was carried 100 feet through the air. He doesn't remember that. He is sure he must have been, however, for there is no other explanation.

"We were eating supper when the storm blew the house to bits," he said. "It was roaring like an express train. The air was full of mud and sand. I rushed to the woodshed. There I felt myself being lifted. When I came to, I was in the field. I must have been knocked out."

"The next thing I remember was LEO CAMPBELL scrambling through the wreckage. He was looking for his wife. She was hurt but not badly, I am told. He found her lying among the debris. Then Leo ran to find a car that would run. There were two on the farm. One belonged to Leo and the other to his brother, Gerald.

"One car had been rolled on its side and was a wreck.The other had the roof taken off it but it would still run.He put MRS.CAMPBELL in it and started off for the road.But he could not travel there because it was blocked with telephone poles.He bounced over the fields for help to the home of my aunt,MRS EMMA MASTERS."

"The CAMPBELL'S lost everything.They later found the warming oven of the kitchen stove and parts of their radio on a hill 300 yards from the side of the house.THeir furniture is scattered for miles.

"I saw the binder upside down in the lane.It had been carried 500 feet. A field roller was stood on end against a post.The tornado ripped the wire from the fence.The road grader took a twisting too."

IF DOG COULD TALK FARMER MIGHT FIND HIS MISSING BARN.

GOODERHAM,AUG.31.(Special)If only his dog could talk,Farmer JOHN McCOLL could find out where his barn is.

McCOLL saw the last of his barn just before the tornado struck here Saturday.The 120 mile whirlwind lifted the 60 foot barn as if it was a toy and whirled it out of sight.

The dog was chained in the barn and McCOLL thought he had seen the last of the animal.But about 45 minutes after the barn vanished,the dog was back on McCOLL'S porch,dragging its chain.

McCOLL does't know where the barn was blown to but the dog does.

VIOLENT WINDSTORM WAS A TORNADO,EXPERT EXPLAINS.

The violent,whirling windstorm which took one life and caused heavy damage in HALIBURTON and HASTINGS COUNTIES late yesterday was a tornado,a meteorologist at the PUBLIC WEATHER OFFICE AT MALTON said last night.

In the UNITED STATES,cyclones,tornadoes and twisters are considered as a single type of weather phenomena but in CANADA and BRITISH meteorology a distinction is made between cyclones and tornadoes.

A cyclone is a clockwise whirl which may cover several hundred miles but a tornado is a funnel-shaped cloud with extremely high circular winds which cuts a path through a narrow area,the meteorologist said.

The tornado Saturday occurred as a band of severe thunderstorms moved eastward through Southern Ontario,he added.

TORNADO CASUALTY LIST.

BANCROFT, AUG. 31. Casualty list in the HASTINGS and HALIBURTON COUNTIES tornado, reported thus far, follows:

DEAD.

MYRNA FERGUSON, 12.

INJURED.

VERNON FERGUSON, 10.
MR. and MRS HARVEY NEAL.
ELMER NEAL, 30.
MR. and MRS. FRED MARSHALL.
FAY MARSHALL, 11.
JEAN MARSHALL, 9.
MERLE MARSHALL, 7.
JOAN MARSHALL, 5.
UNA MARSHALL, 2.
MARJORIE PEACOCK, 10.
MR. and MRS. LEO CAMPBELL,
GRADEN CAMPBELL, 10.
COLLEEN CAMPBELL, 8.
GERALD CAMPBELL, 26.
MR. and MRS. ERNEST ANDERSON.
JOHN ANDERSON,
MURRAY POLSON.
BOB FERGUSON.
EARL MITCHELL.

All the injured are in BANCROFT HOSPITAL, except MARJORIE PEACOCK, who was taken to HOSPITAL for SICK CHILDREN in TORONTO.

GLOBE AND MAIL, TUESDAY SEPTEMBER 2ND. 1947.

TORNADO JERKED WATER 100 FEET UP.

TWEED, SEPT. 1. (Special) Reports of a broken power line at STEWARTSVILLE prompted the suggestion today that the tornado which hit EASTERN ONTARIO on Saturday may have cut a swath through the bush 100 miles long.

The twister was believed responsible for the power line cut at STEWARTSVILLE, 30 miles northwest of OTTAWA. Thus it roared through five counties HALIBURTON, HASTINGS, LENNOX, and ADDINGTON, FRONTENAC and RENFREW. It was suggested that after travelling from GOODERHAM in HALIBURTON to BON ECHO ROCK in FRONTENAC the tornado turned west to STEWARTSVILLE.

Provincial forestry officials said, after viewing the path of the tornado, that some lakes were nearly filled with logs from trees blown into them.

A hard hit area was CLOYNE at LAKE MAZINAW, 40 miles northeast of TWEED, Several cottages were demolished and all wire communications cut.

LLOYD VAN WYCK, formerly of GALT, who recently established a tourist resort on LAKE MAZINAW, said the storm finally spent itself in the lake a few yards in front of his cottages.

[redacted]

"My wife and two small children PETER and JOHN huddled in the cottage as the twister ripped down telephone lines and trees all around us

and we expected any moment that we would be swept out into the lake with the rest of the debris,"he said."The lake was churned up as though from an atomic bomb.The water was swept out fifteen feet from shore and it suddenly spiralled upward at least a hundred feet."

Today the shore line is littered with branches from uprooted trees, pieces of wood and other refuse.Immediately after the storm,the sky turned yellow,there was a heavy downpour of rain and then it cleared up.

"We suddenly saw that the sky was becoming black,all at once there was a tremendous roar,and the tornado swept in from the west with terrible velocity,flattening everything in its path.I would say that it cut a swath about a quarter mile wide through the bush and it looked as though a giant bulldozer had gone through crumbling everything in its path,"VAN WYCK told newspapermen.

JAMES STONE who operates a coach line between TWEED and DENBIGH, was held up some time as highway workers under the direction of THOMAS KITTINGBECK attempted to clear the road of trees which had been uprooted. STONE said he was warned to return to CLOYNE by a party of American tourists who were unable to get through.

WALLACE MOON of TWEED who was en route to the northern lakes for the holiday and was likewise held up at CLOYNE for some hours,said cottagers told him that the roar was greater than a dynamite explosion. A careful check of damage is impossible with telephone lines down,but MRS. J.J.VOGAN,NORTHBROOK operator,said no persons were injured in the area,so far as is known.

TORNADO BLAST PINS OLD WOMAN BENEATH BEAM.

By JACK HAMBLETON.

COE HILL,SEPT.1.(Staff)A grieving grandmother lies on a bed at the home of a relative near BANCROFT today,fretting over the death of her granddaughter MYRNA FERGUSON,and worried about the future.Her home and all her earthly possessions are gone scattered by the tornado which Saturday demolished four farm homes in this area.She is MRS.HARVEY NEAL.Trying to comfort her is VERNON FERGUSON,10,her second grandchild,who also was with her when the storm struck.Of the NEAL home,there is not five cents worth of furniture,food or clothing worth salvaging.HARVEY NEAL himself is in hospital at BANCROFT,last of 23 injured to be still in hospital.He cries when you talk to him .Everthing he owned is gone.

This is MRS.NEAL'S story of what happened in those few brief minutes of Saturday night:"MYRNA was in the kitchen with me helping to dry

Mrs. John Sarginson of Bancroft cares for Vernon Ferguson, whose face was cut in same blast which carried his sister Myrna to her death, and Mrs. Harvey Neal.

Harvey Neal

the dishes. I looked out and saw the storm. I said to her, 'The barn is going to be blown over.' I closed the doors and windows in the house, and then saw the men (her husband and two sons) running for the house, The front door blew open and I rushed to shut it. That is the last I remember.

"When I recovered I was lying face down on the ground where the door had left me. The floor itself was gone and I was trapped under a beam. My shoes were gone. I know I had them on when I went to close the door, but I don't know what happened to them after. We found the little girl amidst the wreckage.

"My foot was badly cut somehow, and my body is covered with bruises, scratches and cuts, but how I got them I don't know. LEO CAMPBELL, whose farm was near ours (and also destroyed) had the only car around which would run and he drove it into COE HILL for help. The people there have been simply wonderful. They streamed in here and took us to the Red Cross Hospital at BANCROFT, where the nurses gave us all first aid. My husband is still there. I don't know what we are going to do. We can get help to rebuild, but we haven't a thing to rebuild. All our possessions are gone."

Where MRS. NEAL stood to wash the dishes is today a shapeless pile of rubble. Her jars of preserves — prize possessions of any farm woman — are a mess of broken glass and fruit. Not a dish remains unbroken; not a stick of furniture intact.

Just over the hill is where the farm of FRED MARSHALL was located. His five children were all injured, while MARJORIE PEACOCK, 10, a visiting friend, was blown with his daughters JEAN and MERLE from the top story of the house to the top of the hill 100 yards away. The PEACOCK child is seriously injured and in HOSPITAL for SICK CHILDREN, TORONTO.

As nearly as he knows, this is what happened at the MARSHALL home: "I saw it coming. It seemed to roll over and over and carried trees, roots and all, at least 250 feet in the air. I had just driven home, and told my wife I had better close the windows of my car. Back at the house, the sky was black as tar, with the storm cloud seemingly rolling low, but the sky quite

clear above.

"We would have had time to get to our root house,near by,but I didn't think it was going to be bad enough for that.Then it came,and I suddenly found myself flying through the air.I crashed into the branches of an elm tree about 50 feet away,and when I came around there was nothing left of the house.I found MERLE,JEAN and the PEACOCK child 100 yards away on the hill.They had been upstairs when the storm struck and it evidently carried them in a line from the second story to the hillside.

"The stove is away back in the bush.As an indication of the suction of the storm,the radio battery is about 50 yards away.My car was wrecked, and there isn't enough left of the house to start a fire."

At the CAMPBELL farm,the story is the same.It rests in a valley not far from MARSHALL'S.The cleared hillside half a mile away is littered with the remains of the house,blacksmith shop and other buildings.

COE HILL is about 50 miles north of PETERBOROUGH,but to reach it you have to leave the highway and take to the twisting,hilly roads.Driving over these at more than five miles an hour is dangerous driving.Yet all through the weekend hundreds of farmers made the trip,not just for morbid curiosity,but because they wanted to help.A collection being taken at the site of the NEAL farm already totals more than $500,and by no stretch of the imagination could the COE HILL district be called a prosperous farming community.

That is what makes MRS.NEAL cry,too,"People have been simply wonderful to us."she said today.

Meanwhile,Nurses MRS.EVA PORTER and MRS.BEATRICE DORESA of the little BANCROFT HOSPITAL,heaved a sigh of relief.Nine persons in all were given first aid on that hectic Saturday night;three were hospitalized and tonight only MR.NEAL remains.

"It was simply horrible,"they said."these unfortunate people were brought in here simply cut,bruised and burned almost beyond recognition. Dirt was plastered into their skins.The women and girls who have gone home from here will have an awful time getting debris out of their hair.We did the best we could,cleaning them up as much as possible,but even so we couldn't get all the dirt off."

Today the homeless children and adults are scattered over a wide area.Some are with relatives or friends at BANCROFT or COE HILL,others throughout CHANDOS and GLENALDA TOWNSHIP.The Red Cross has flown medical supplies and clothing to supply them,but the districts inaccessibility makes it hard for the goods to reach them.Farmers from all around the area

have given up their own farm work,at least temporarily,while they try to salvage what crops they can for the stricken families.They won't amount to much,for at the NEAL home,for instances,even onion and potatoes were blown right out of the ground.

TORNADO'S COURSE CUT ACROSS EARTH LIKE SABRE WOUND.

By HELEN BEATTIE.

Like a curving,disfiguring sabre scar across the face of HALIBURTON and HASTINGS COUNTIES,the devastation left by Saturday's tornado is as clearly defined as a highway on a road map.

From the GLOBE and MAIL'S Grumman amphibian plane a tour of the path of the storm,through the forest,the small villages and tiny settlements,bustling activity indicates already that the work of reconstruction has begun.

The aircraft left MALTON at 10a.m.,circling first over the Exhibition grounds,toward which crowds already moved as if drawn by a magnet.From the height,the thousand of parked cars lined along the lakeshore lokked like orderly shiny bugs gathered for a convention.The seaplanes in the harbor were for all the world like dragon flies hovering over the water.

Above North Toronto,the plane gained height and then took off northeast over the rich Ontario farm lands.For some minutes the picture had a pattern—the orderliness of man—who planned and arranged.

Then the picture changed abruptly.In the span of minutes nature in a petulant mood,disarranged not only man's pattern but her own.Marked as clearly as if it had been carved by a huge sickle is a path of wastage running northeast.Here in the path of tornado,trees have been flattened out as if a huge rock had rolled over them—their roots wrenched from the soil.

Only the frail new bushes,which did not try to resist the furor and the force,were still standing and many of them were stripped of their leaves.

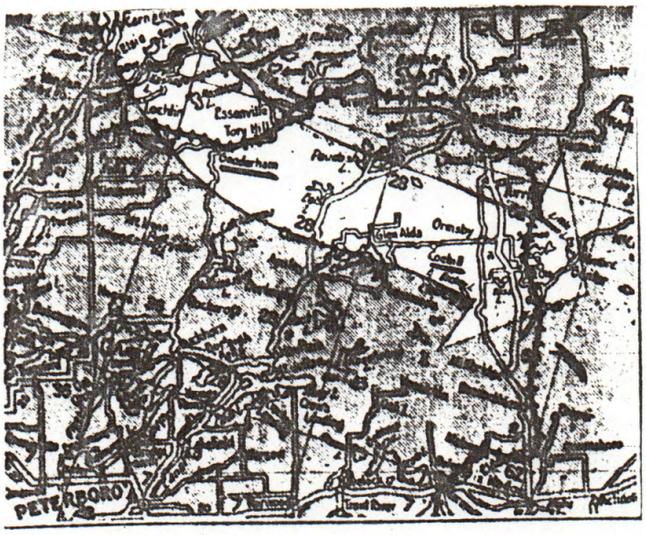
As the plane neared GOODERHAM,one of the worst hit by the storm, man's impotency against the caprices of nature was again evident.Here a feather light haystack stands,while the barn which sheltered it has been lifted from its stone moorings and scattered widely and crazily around the farmyard.

Near COE HILL,in HASTINGS COUNTY,twin trees,standing only inches apart,were separated.One remains,the other is a twisted mass—showing how knife-sharp was the outline of the tornado.

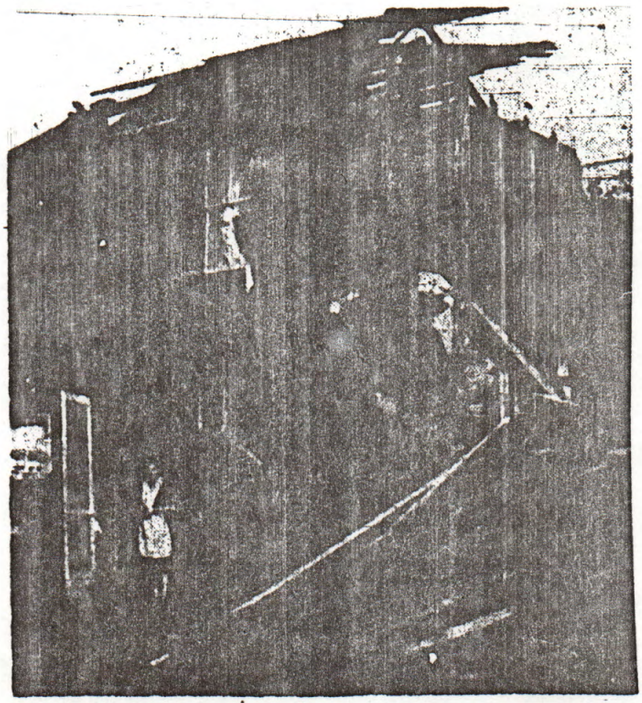
At a farm house five or six miles west, horses, their sturdy corrals broken, romp gaily over the area. The familiar snake fence has been thrown yards wide of its original position. From the skies are seen a group of men busily loading the hay blown about the barnyard back onto the floor of the barn, but the walls and the roof are gone.

Here and there through the countryside small groups of cars are gathered around the wreckage of farms and buildings. From this height the people seem almost motionless. At left, a tidy farm, with flourishing vegetable garden stands untouched, not more than 10 yards from the path of the storm. Cars, again looking like slow-moving colored beetles, converge on the spot — doubtlessly to help.

Here a roofless filling station by the side of the road — then trees flattened, a few miles on the scar healed — the tornado had spent itself.

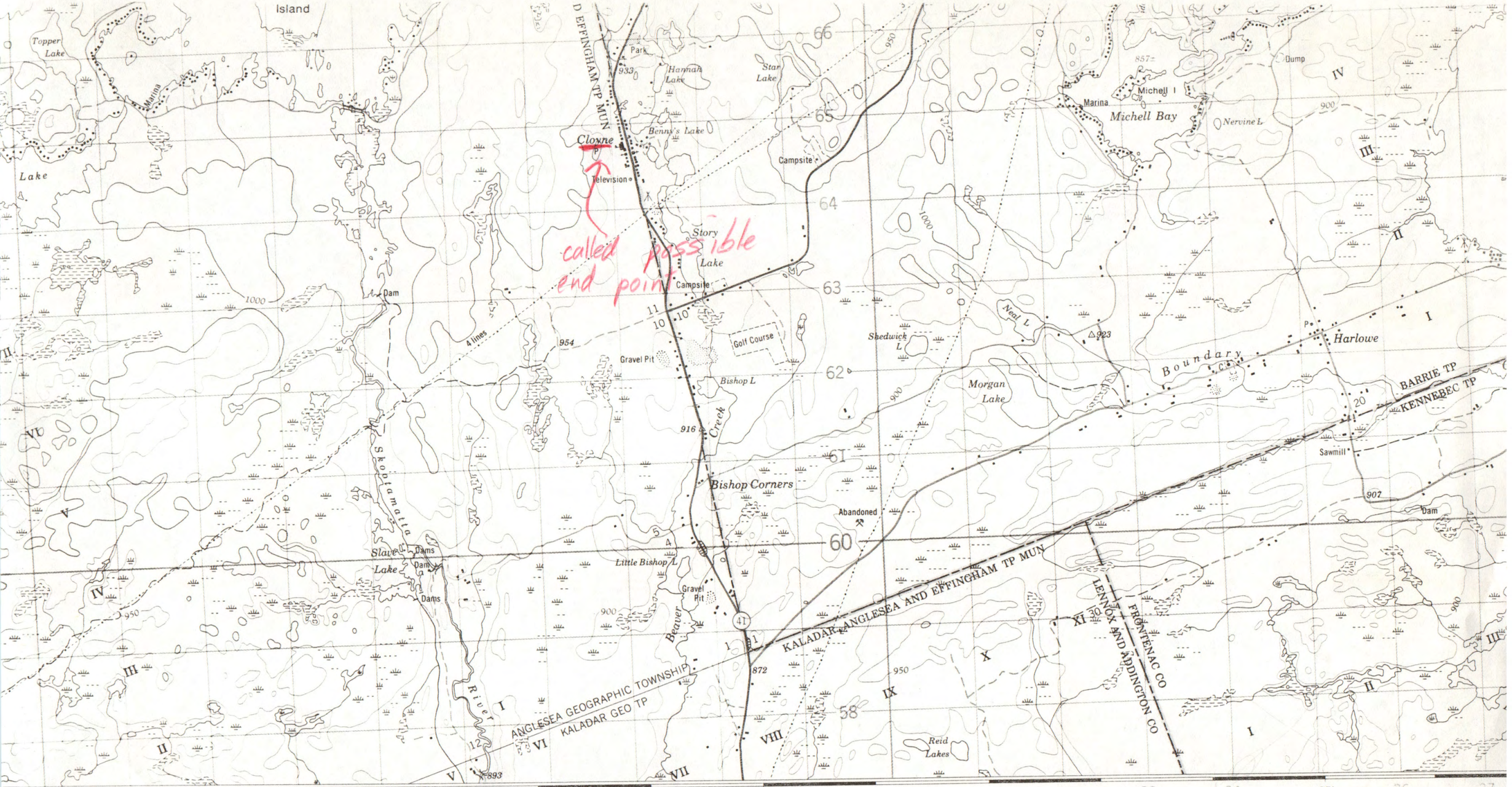


Light arrow denotes path of tornado which swept through Southern Haliburton and Hastings Counties on Saturday.



This is a rear view of the CNR station at Gooderham. The shattered baggage room is seen at right: Most of the roof was torn off. Not much of the building remains.

Salmon trout lake
LAKE ONTARIO
245 FT ABOVE SEA LEVEL
L A K E O N T A R I O
ST. LAWRENCE ISLANDS NAT'L PARKS (THOUSAND ISLANDS) MAIN SEASON early June - late Oct.
TORONTO (METROPOLITAN)
HAMILTON
BUFFALO
ROCHESTER
SYRACUSE
OSWEGO
KINGSTON
OTTAWA
HULL
WATERTOWN
UTICA
ROME
AUBURN
GENEVA
PETERBOROUGH
BELLEVILLE
TRENTON
OSHAWA
NIAGARA FALLS
ST CATHARINES
LOCKPORT
BATAVIA
OGDENSBURG
BROCKVILLE
CORNWALL
MASSENA
POTSDAM
ALEXANDRIA BAY
GANANOQUE
PULASKI
FULTON
OAKVILLE
MISSISSAUGA
RICHMOND HILL
WHITBY
COBOURG
PORT HOPE
LINDSAY
ORILLIA
BARRIE
MIDLAND
PARRY SOUND
UNITED STATES CANADA
NY
For New York see pages 70 71



MAZINAW LAKE

CONVERSION SCALE FOR ELEVATIONS ÉCHELLE DE CONVERSION DES ÉLÉVATIONS