A

newspaper photo copy pics.

TORNADO PROJECT SUMMARY SHEET

F=2 ONT-QUE

1. DATE AND TIME JUNE 27, 1969 1500 EST

2. LOCATION OR PATH (attach map) VCNTY WESTMEATH 0696913

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

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

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

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

8. IF ANSWER TO 6 OR 7 YES, ELABORATE;

9. LIST ANY ASSOCIATED PHENOMENA (Such as hail, vivid lightning heavy rain, no rain, etc.) GOLF BALL SIZE HAIL

10. TOTAL DAMAGE ESTIMATE $ 1/2 MILLION 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS U.

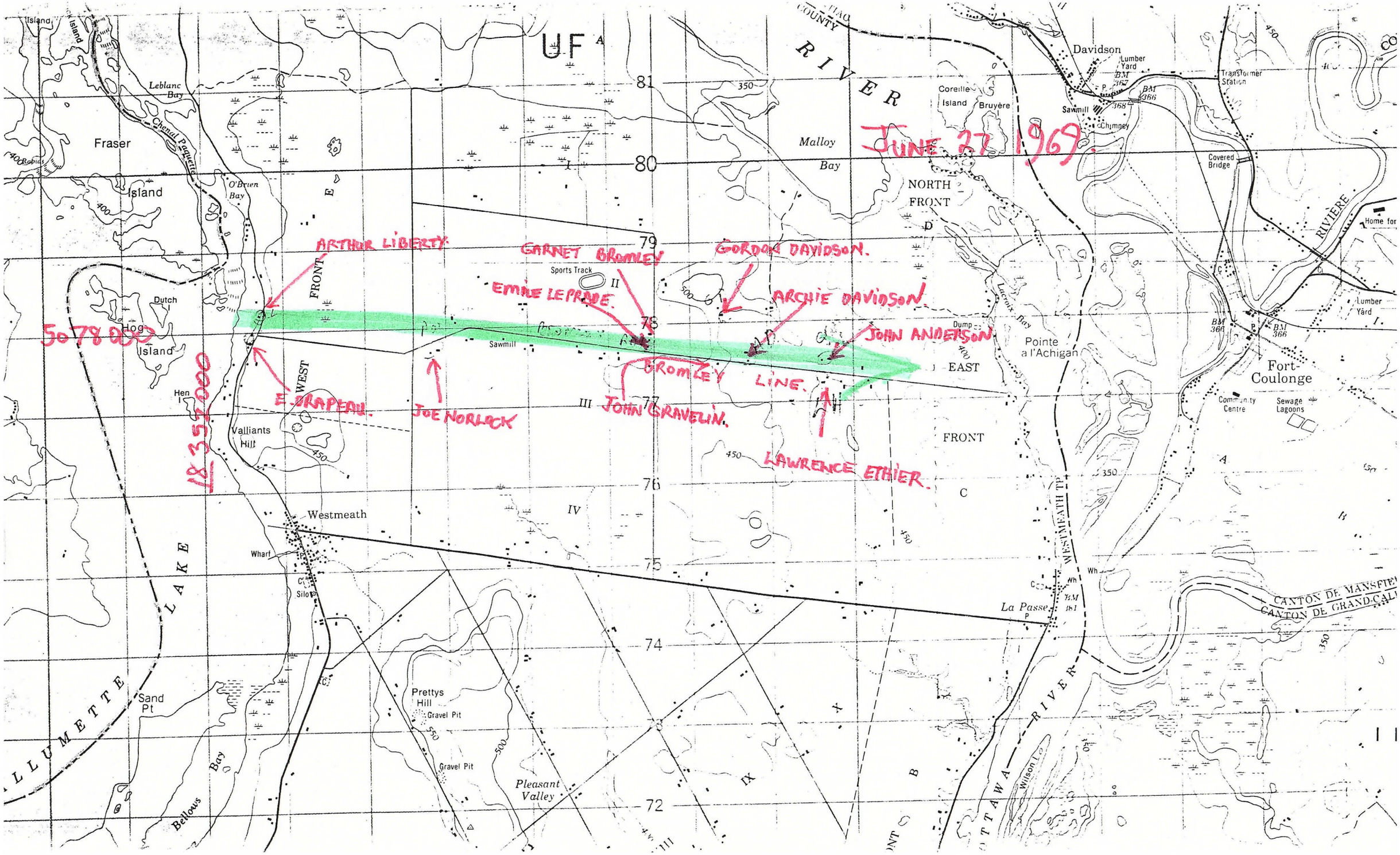
14. LIST ALL REFERENCES

RENFREW ADVANCE, JULY 2, 1969
PEMBROKE OBSERVER, JULY 2, 1969
TELEPHONE INTERVIEW NOV 12, 1980 by P. J. Elms
Personal note from R.B. Crowe, meteorologist, who saw broken trees in vcnty of Pembroke.

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

(a) A farmer said "that's the peculiar thing about this storm, it hit along a very narrow path & didn't bother the rest of us". R.B. Crowe reported a swath through a heavily wooded area along the Ottawa River where practically all trees were broken off halfway.

(b) Barns demolished. Silo moved bodily off its foundation. Trees uprooted and broken.



JUNE 27 1969.
ARTHUR LIBERTY.
GARNET BROMLEY
GORDON DAVIDSON.
EMILE LEPRADE.
ARCHIE DAVIDSON.
JOHN ANDERSON
BROMLEY LINE.
E. DRAPEAU.
JOE NORLOCK
JOHN GRAVELIN.
LAWRENCE ETHIER.
5078000
18357000
UF
RIVER
Davidson
Lumber Yard
Transformer Station
Coreille Island
Bruyère
Sawmill
Chimney
Malloy Bay
NORTH FRONT
Covered Bridge
RIVIÈRE
Home for
Lumber Yard
Fort-Coulonge
Community Centre
Sewage Lagoons
Pointe a l'Achigan
Lacroix Bay
Dump
EAST FRONT
WESTMEATH TP
La Passe
CANTON DE MANSFIELD
CANTON DE GRAND-CALI
Fraser Island
Leblanc Bay
Chenal Paquette
O'Brien Bay
Dutch
Hog Island
Hen I
Valliants Hill
WEST FRONT
Sports Track
Sawmill
Westmeath
Wharf
Silo
Prettys Hill
Gravel Pit
Pleasant Valley
Sand Pt
Bellows Bay
LAKE
ALLUMETTE
OTTAWA RIVER
Wilson I
81
80
79
78
77
76
75
74
72

WERKSHEET

IDTO 0696913

(1) ORIGIN x 1835265.0

y 5078200

(2) LIFT-OFF x_1 1835970.0

y_1 5077600

(3) $(x_1 - x)$ = 7050

(4) $(y - y_1)$ = 600

(5) Standard Error S_x 30 C

(6) Standard Error S_y 30 C

(7) DAMAGE LENGTH

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

(3)+(4) $\boxed{\rightarrow r,\theta}$ = 7075 m

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

$\boxed{x \leftrightarrow y}$ = 5°

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

(5)+(6) $\boxed{\rightarrow r,\theta}$ = 4.2 C

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

(7)+(9) $\boxed{\rightarrow r,\theta}$

$\boxed{x \leftrightarrow y}$ = 1°

NE Quad $\phi = 90 - \alpha$

NW Quad $\phi = 270 + \alpha$

SW quad $\phi = 270 - \alpha$

SE quad $\phi = 90 + \alpha$

(11) ϕ = 275°

Phone conversation with Mrs Garnet Bromley.
(613) 587-4508. by P. Elms. Nov. 12. 1980

a slab silo was moved 3 to 4 inches off its foundation.

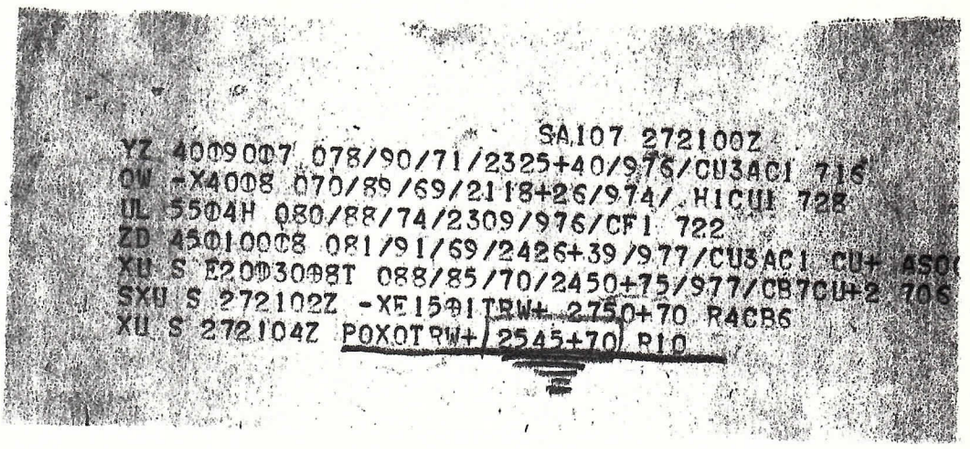
The barn roof was removed and debris from it carried "200 acres away.

Page wire fence was cut down. also telephone and hydro poles snapped off and wires brought down. Shingles were torn off a building.

Mr E. Drapeau's barn at the junction of the River road and Bromley road was levelled.

June 27

JANVIER 25 JANUARY



SA107 272100Z
YZ 40⊕90⊕7 078/90/71/2325+40/976/CU3AC1 716
OW -X40⊕8 070/89/69/2118+26/974/ H1CU1 728
UL 55⊕4H 080/88/74/2309/976/CF1 722
ZD 45⊕100⊕8 081/91/69/2426+39/977/CU3AC1 CU+ ASO
XU S E20⊕30⊕8T 088/85/70/2450+75/977/CB7CU+2 706
SXU S 272102Z -XE15⊕1TRW+ 2750+70 R4CB6
XU S 272104Z POXOTRW+ 2545+70 R10

JANVIER 26 JANUARY

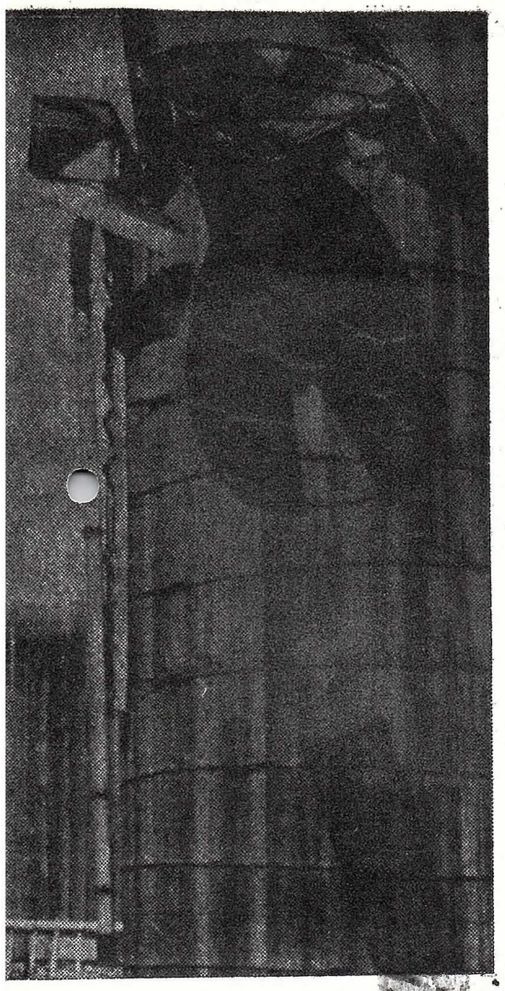
I personally saw damage from severe thunderstorms that struck Pembroke, Ont., area about 5PM Fri June 27, 1968. The storm lasted about an hour. No damage in town, but next day I saw about 10 miles southeast of Pembroke a swath through a heavily wooded area along the Ottawa River where practically all trees were broken off half-way. Some trees were even uprooted and some out-buildings were blown over. Reports in local radio station at Pembroke mentioned that about a dozen barn-roofs collapsed.

[illegible]

1969

NEAR PEMBROKE.

4pm FRI 27 JUNE 1969



e from the provincial
ent. Dozens of sur-
farmers were simi-
with total damages
l by one farmer to
be in the hundreds of thou-
sands of dollars. Mrs. Law-
rence Ethier looks over the
damage.
— (Staff Photo)



Winds estimated as high as 70 miles per hour did this damage to the property of Archie Davidson. At least half a dozen trees in front of the Davidson property were snapped by last Friday's thunder-storm. One farmer had sev-eral acres of quality pine shredded by the storm. Farm-ers said it was the worst storm in history.
— (Staff Photo)

'unds To Aid
olent Storm

The sky was pitch
t was almost like

BALLS"
l the rain came down
s, so thick that he
see his own fence.
hail the size of golf

ne told me the waves
tawa were up to four
You should see Fra-
sh. The place is in
It looks as if a bomb
e added.
t door neighbor wasn't
His barn was com-
velled
the s e story right
Bromley Line. Archie
and Joe Norlock used
a dozen trees in front
house. Only splinters
n trees are left now.
s were clipped by the
the Norlock property.
use was slightly dam-
r. Norlock himself is
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e said. "The winds
st have been as high

On the road township main-tenance crews were still at work clearing trees.

SILO TORN AWAY

Garnet Bromley had part of his silo torn to shreds, and one side of his barn roof blown away. Sheets of twisted tin were lying in a field 200 yards away.

John Gravelin estimated his property damage at $4,000. Again the same story. His porch roof was torn off, a barn collapsed, and a snapped tree hit the house.

Virtually no damage was re-ported in Westmeath or by farms en route to La Passe. "That's the peculiar thing about this storm. It hit along a very narrow path and didn't bother the rest of us," one farmer said.

The storm hit last Frday about 4 p.m. and lasted about half an hour at its worst mo-ments, one farmer said.

Clean-up crews are well on the way to restoring order.

added.

Similar sentiments were echoed by a dozen other farm-ers. One farmer said it was worse than Hurricane Hazel which hit the area in 1956. "We didn't have that kind of de-struction then."

John Bromley had part of his roof blown away. A twisted barn was left. "I was lucky I guess. The barn is pushed over by about six feet, but the farm machinery inside prevented it from being blown away."

Worst hit was the Ethier family. Their house - attached garage roof was blown away, one barn completely disappear-ed, another was heavily dam-aged, and the top of their silo was torn away.

"We figure we lost about $20,000 maybe more," Mrs. Ethier said. "We're hoping for government assistance; it's a bit much.

"The whole thing came so quickly. My husband was out in the field and started to round up the cattle, but he got as far as the barn when the cows started running wild and aiming for the bush."

1954

Circ. 7,818 PEMBROKE 4pm FRI 27 JUNE 1969
July 2, 1969
A 1055 OBSERVER



One of the farms battered by the recent thunderstorm in Westmeath is the Lawrence Ethier property where two barns were levelled and partly blown away, a silo top ripped off and the garage roof blown away. Lawrence Ethier estimates his property damage at $20,000 and is hopeful for assistance from the provincial government. Dozens of surrounding farmers were similarly hit with total damages estimated by one farmer to be in the hundreds of thousands of dollars. Mrs. Lawrence Ethier looks over the damage.

— (Staff Photo)



Winds estimated as 70 miles per hour damage to the pro Archie Davidson. At

M.P.P.

Hamilton Seeks Funds To Aid Farmers After Violent Storm

By INGOLF RICHTER
Of The Observer

WESTMEATH — Renfrew North MPP, Maurice Hamilton, said today he will try to obtain financial assistance for dozens of Westmeath and area farmers recently hit by what they have described as the worst thunderstorm in that community's history.

Mr. Hamilton said he and county agricultural representative Frank Dench will meet with Agricultural Minister William Stewart Thursday in an effort to seek reimbursement for the farmers.

Mr. Hamilton investigated the area Monday and estimated total damage at $100,000.

Apparently the storm hit a 1½-mile front straight along the Bromley Line about two miles east of Westmeath. It wrecked barns, in most cases ripping off the tin roofing, corn silos had their tops blown off and in several instances entire barns were blown away.

The storm opened a path of destruction right along the road, trees were toppled by the dozens and bits and pieces of tin roofing were lying around in neighbors' fields.

"It was terrible, just terrible," a retired policeman living on the Bromley Line said. "I've never seen anything like it before. Thunderstorm is hardly the word to describe it, more like a hurricane."

Emile Laprade was lucky. Only his chimney was ripped out of his roof. "Some of the farmers were really hard hit. I figure in some instances the damage went as high as $25,000."

He estimated total damage to be around $500,000.

Art Liberty was also fortunate. Living at the junction of the Bromley Line and River Road he was at the fringe of the storm.

"I've never seen anything like it at all. I don't scare easy but this was another thing altogether. The sky was pitch black. It was almost like night."

"GOLF BALLS"

He said the rain came down in sheets, so thick that he couldn't see his own fence. "We had hail the size of golf balls.

"Someone told me the waves on the Ottawa were up to four feet high. You should see Fraser's bush. The place is in shambles. It looks as if a bomb hit it," he added.

His next door neighbor wasn't so lucky. His barn was completely levelled.

It was the same story right up the Bromley Line. Archie Davidson and Joe Norlock used to have a dozen trees in front of their house. Only splinters of broken trees are left now. Nine trees were clipped by the storm on the Norlock property. Their house was slightly damaged. Mr. Norlock himself is clearing up now. "Bad, very bad," he said. "The winds must must have been as high as 70 m.p.h. at times," he

On the road township maintenance crews were still at work clearing trees.

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John Gravelin estimated his property damage at $4,000. Again the same story. His porch roof was torn off, a barn collapsed, and a snapped tree hit the house.

Virtually no damage was reported in Westmeath or by farms en route to La Passe. "That's the peculiar thing about this storm. It hit along a very narrow path and didn't bother the rest of us," one farmer said.

The storm hit last Frday about 4 p.m. and lasted about half an hour at its worst moments, one farmer said.

Clean-up crews are well on the way to restoring order.

WESTMEATH (PEMBROKE).
EMILE LAPRADE
ARTHUR LIBERTY. (613) 587:4450
ARCHIE DAVIDSON (613)
JOE NORLOCK. (613) 587:4451
GARNET BROMLEY. (613) 587:4508
JOHN GRAVELIN (613)
FRASERS BUSH.
JOHN BROMLEY.
LAWRENCE ETHIER

Canadian Press
Clipping Service

~~4-45 pm. JUNE 26 1969~~

FRI JUNE 27 1969.

Renfrew Advance, Ontario
Circ. 4,265
July 2, 1969

Holiday Weekend

Out of a gale to sunny skies

Dominion Day holiday travellers turned for home Tuesday night in bright, breezy weather, a far cry from what many of them met head-on when they arrived in the Ottawa Valley last Friday.

The worst storm of the early summer—60 mph winds that swept sheets of rain across the district—turned roads into running creeks and left trees toppled and hydro lines down just as the holiday got underway.

Brunt of the storm hit the Quebec side at Portage du Fort, Shawville and on down the Valley.

But this area was far from spared. Trees were snapped in two like match sticks around Westmeath and Beachburg and at least one barn in that area was reported to have been literally torn apart.

No major damage was reported in Renfrew, but streets were flooded with water and electricity knocked out in some areas.

Some of the deepest puddles in mid-town were used by youngsters as swimming holes. The water was deep enough in some spots to easily float a boat.

Tree branches flew in all directions and at White Lake a tree fell onto the home of Bruce Campbell, doing extensive damage.

Lightning disrupted power and telephone lines at White Lake and also hit St. Andrew's United Church, but damage to the church was not heavy.

The sudden gale was the only flaw in an otherwise ideal holiday weekend.

PORTAGE DU FORT. SHAWVILLE QUE

WESTMEATH. ONT