05969-01

B

TORNADO PROJECT SUMMARY SHEET

F=0

1. DATE AND TIME June 30 '69 Night

2. LOCATION OR PATH (attach map) East Angus Que 0596903

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

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.) heavy rain

10. TOTAL DAMAGE ESTIMATE $ 4 11. TOTAL DEATHS 0

12. TOTAL INJURED 0 13. TOTAL HOMELESS 0

14. LIST ALL REFERENCES

Sherbrooke Record, Que.

July 3 '69

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

- heard a crash and heavy noise
- twister leveled a garage, two barns and uprooted two giant pine trees on one property
- broken pieces of wood were found hundreds of feet from the home.

Canadian Press
Clipping Service

Sherbrooke Record, Que.
Circ. 8,633
July 3, 1969

MON JUNE 30 1969



TWISTER — The house belonging to Mrs. Pansy Buttermer of East Angus was spared the wrath of last Monday's twister. The barns were not so lucky. (Record photo: Gerry Lemay)

Twister leaves damage in wake

Mrs. Pansy Buttemer considers herself lucky to be alive after a twister destroyed the barn and out-buildings on her property near East Angus Monday night.

She was on her way to bed when she heard a terrible crash. Convinced that the house was going to collapse, Mrs. Buttemer made for the safety of the cellar. But as suddenly as it had arisen the noise subsided and heavy rain began to fall.

Then she looked outside the window and realized the full extent of what had happened.

A freak twister had leveled the garage and old barn and reduced the new barn to its foundations. Two giant pine trees growing near the house were uprooted and smashed. Broken pieces of wood were found hundreds of feet from the home. And yet miraculously the house was left almost unscathed.

It appears that the twister moved around the front of the house, taking out the pine trees, and then moved up the far side where it demolished the barn. Electricity was cut off for the whole night and communication wires severed as the twister crossed the road and moved up the hill. On its way it flattened a television aerial belonging to the family of Mrs. Buttemer's son, Gerald, who live across the street from her on the Cookshire road.

A barn belonging to Mr. Oscar Martin was also wrecked before the twister blew itself out. The strength of the storm sent several heavy oaken beams hundreds of feet away from the barn and knocked down a lamp post belonging to the Martins.

Remarkably the only injury sustained in the wake of the storm was a broken leg suffered by a cat belonging to Mrs. Buttemer. A dog was sleeping in the Martin's barn at the time of the storm but he was rescued safely the next day. There was no livestock on either farm.

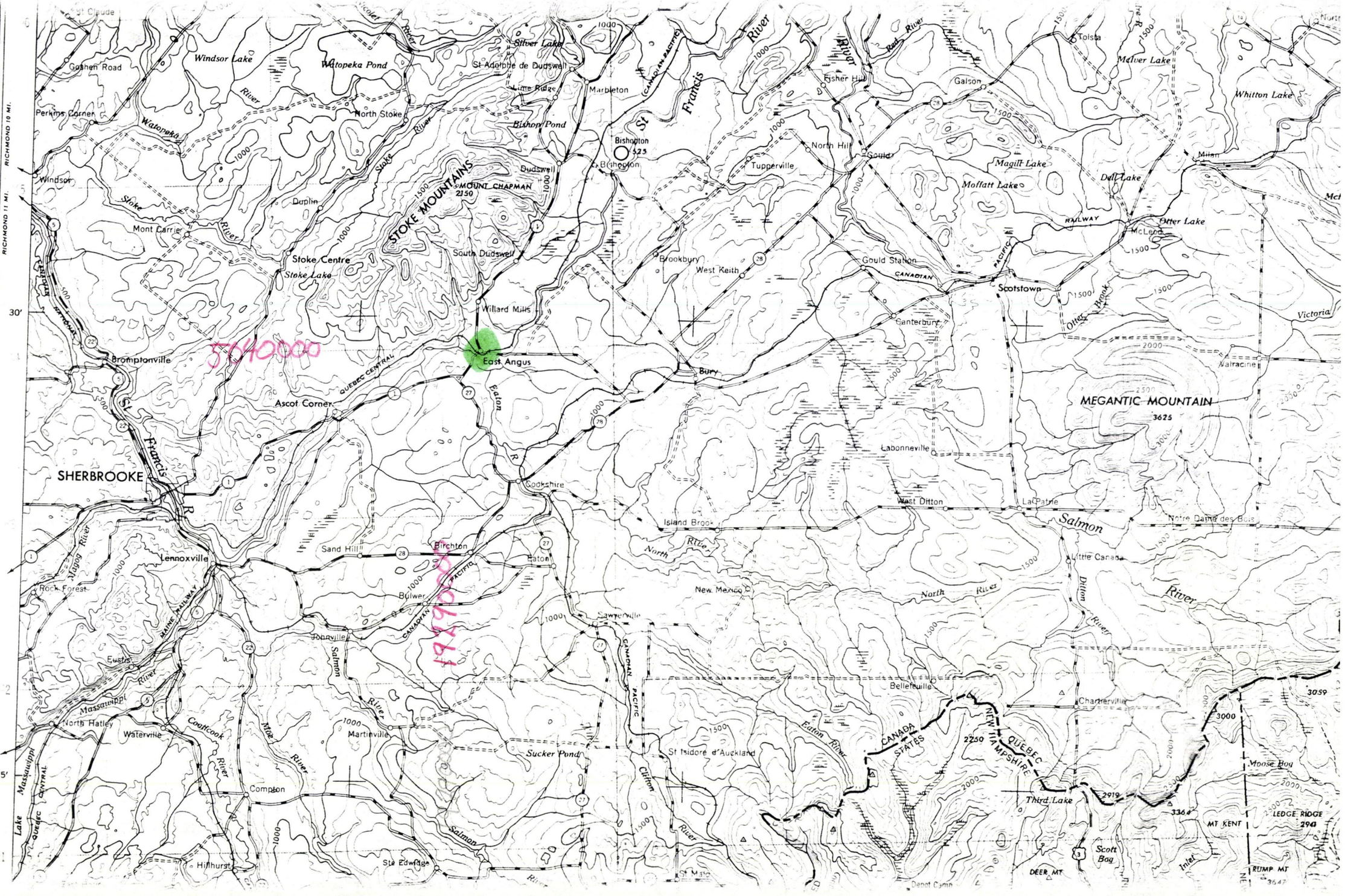
Both families are now intent on clearing the debris from their property but neither feel the effort and expense of rebuilding the barns would be worthwhile.



BARNS DESTROYED. — The twister that struck several farms in the East Angus area last Monday left thousands of dollars worth of damage in its wake, but luckily, no injuries.
(Record photo: Gerry Lemay)

MON JUNE 30 1969

5040000



SHERBROOKE
MEGANTIC MOUNTAIN
3625
STOKE MOUNTAINS
MOUNT CHAPMAN
2150
Bishopton
525
Bishopton
Marbleton
Dudswell
South Dudswell
Willard Mills
East Angus
Bury
Ascot Corner
Cookshire
Lennoxville
Sand Hill
Birchton
Eaton
Bulwer
Johnville
Martinville
Compton
Hillhurst
Ste Edwidge
Sucker Pond
St Isidore d'Auckland
Sawyerville
New Mexico
Island Brook
West Ditton
La Patrie
Labonneville
Canterbury
Scotstown
Gould Station
Brookbury
West Keith
Tupperville
North Hill
Gould
Galson
Fisher Hill
Tolsta
Milan
McLeod
Valracine
Notre Dame des Bois
Little Canada
Bellefeuille
Charterville
Third Lake
Scott Bog
Moose Bog
Bromptonville
Windsor
Mont Carrier
Stoke Centre
Stoke Lake
Duplin
North Stoke
Perkins Corner
Goshen Road
Windsor Lake
Watopeka Pond
Silver Lake
St Adolphe de Dudswell
Lime Ridge
Bishop Pond
Stoke River
Watopeka
Eaton R
Salmon River
North River
Dillon River
Eaton River
Clifton River
Magog River
Massawippi River
Coaticook River
Moe River
Lake Massawippi
Lake Magog
Otter Brook
Otter Lake
Magill Lake
Moffatt Lake
Dell Lake
Whitton Lake
Melver Lake
Red River
Victoria
Inlet
CANADIAN PACIFIC
QUEBEC CENTRAL
MAINE RAILWAY
CANADIAN PACIFIC RAILWAY
CANADA
STATES
NEW HAMPSHIRE
QUEBEC
DEER MT
RUMP MT
LEDGE RIDGE
MT KENT
3059
3000
2919
3364
2250
30'
15'
RICHMOND 10 MI.
RICHMOND 11 MI.
MAGOG 10 MI.
KATEVALE 4 MI.

WORKSHEET

IDTO 05969-01

(1) ORIGIN x 19293000

y 5040000

(5) Standard Error S_x

0 = 1500

(2) LIFT-OFF x_1

y_1

(6) Standard Error S_y

(3) $(x_1 - x) =$

(4) $(y - y_1) =$

(7) DAMAGE LENGTH

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

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

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

$\boxed{x \leftrightarrow y}$ =

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

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

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

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

$\boxed{x \leftrightarrow y}$ =

NE quad $\phi = 90 - \alpha$

NW quad $\phi = 270 + \alpha$

SW quad $\phi = 270 - \alpha$

SE quad $\phi = 90 + \alpha$

(11) $\phi =$