B TORNADO PROJECT SUMMARY SHEET ✓ F=0

1. DATE AND TIME Wed September 10 1980 3:30 pm AST
2. LOCATION OR PATH (attach map) Wilmot P.E.I. 0298002
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.)
10. TOTAL DAMAGE ESTIMATE $ 4 11. TOTAL DEATHS 0
12. TOTAL INJURED 0 13. TOTAL HOMELESS 0
14. LIST ALL REFERENCES
Charlottetown Patriot
Sept 10 '80
15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.

- no funnel seen but two daughters saw skies darken and heard a strong wind then they rushed to the basement.
- they thought it was the end of the would
- house had soon shingles removed
- a 3,000 pound barn was lifted off its mooring and moved two feet.
- storm lasted "about six seconds"

WORKSHEET

IDTO 0290 02

① ORIGIN x 2044500

y 5138000

⑤ Standard Error S_x

0 - 1000

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 $\phi = 90 - \alpha$

SE quad $\phi = 90 + \alpha$

NW quad $\phi = 270 + \alpha$

SW quad $\phi = 270 - \alpha$

⑪ $\phi =$

PEI Tornado

Storm Date: Wed September 10 '80

Canadian Press Clipping Services
481 UNIVERSITY AVE.
TORONTO, M5W 1A7

Charlottetown Patriot, P.E.I.
Circ. 6,036
September 11, 1980

CANADIAN PRESS CLIPPING SERVICES

DAUGHTERS REALLY SCARED

W1492

Mini tornado hits home

WILMOT — A Wilmot residence was rocked last evening by what the family believes to have been a mini tornado.

The home is owned by Jerry Grant, who was at work when the residence was struck at 4:30 p.m. Two daughters who were home at the time, Donna and Caroline, rushed to the basement for cover when the house started to shake, the skies darkened and a strong wind was heard.

"They thought it was the end of the world," said Mrs. Gerri Grant who arrived home shortly after the twister struck. "They were really scared."

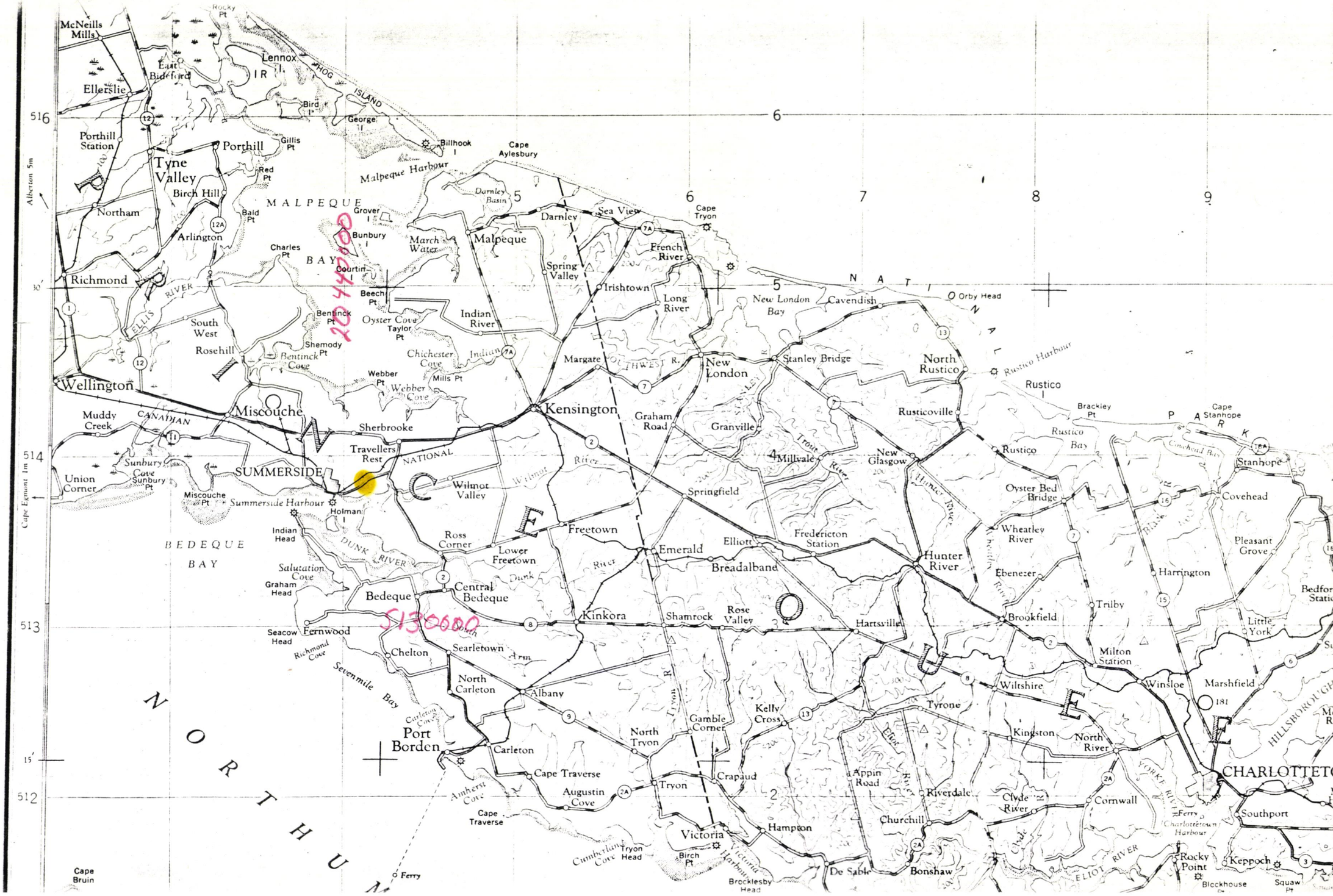
Although there was no major damage to the home other than some shingles which had been lifted off the roof, the twister wreaked havoc on their property outside.

A 3,000 pound barn in one corner of the yard was lifted off its moorings to a position at least two feet away, Mrs. Grant said. Verandah benches were split and flung off the patio, and a clothesline pole was uprooted as well.

Mrs. Grant said the twister lasted about six seconds in total. As far as she knew only one other property received any damage at all in the area, and that was only minor.

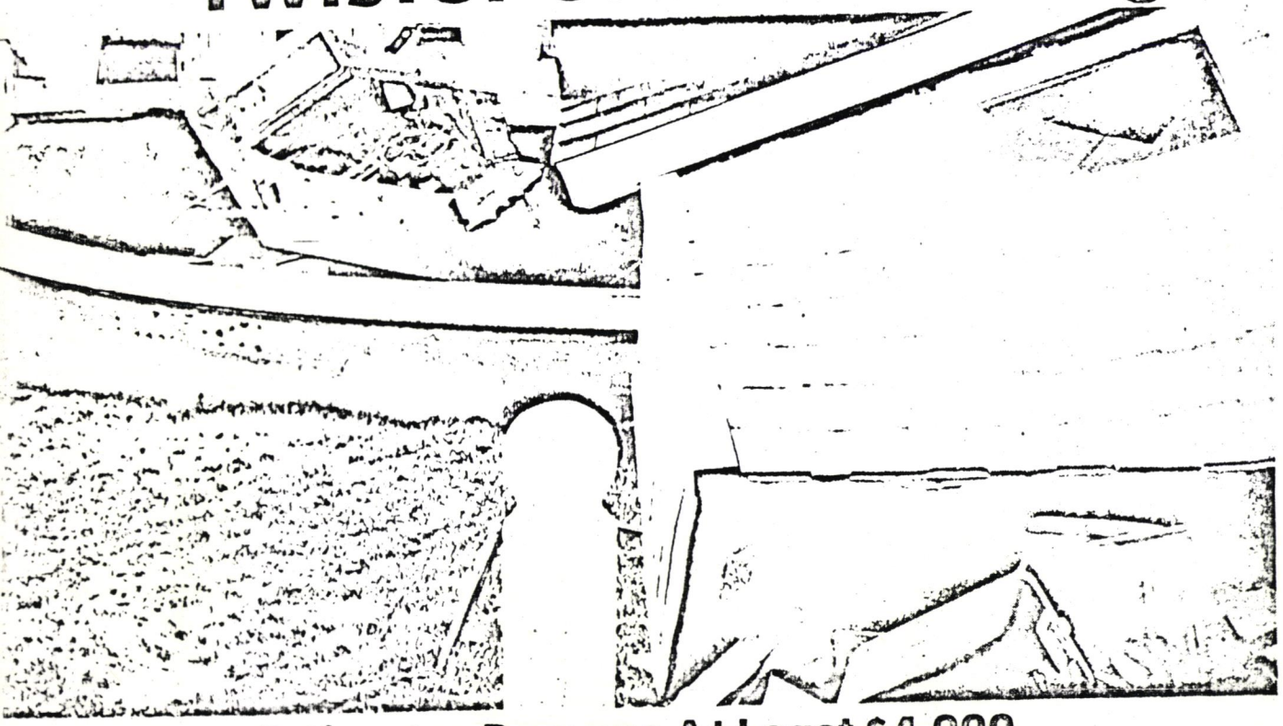
There were no injuries in the incident. The only comical part of the whole episode was when Mr. Grant arrived home and after hearing the story related by his wife and children exclaimed "OK now what really happened?"

A similar twister with a wider scope struck the Strathgartney area near Charlottetown a few weeks ago.



McNeills Mills
Rocky Pt
Lennox I.
HOG ISLAND
East Bideford
Ellerslie
Bird I.
George I.
Billhook I.
Porthill Station
Porthill
Gillis Pt
Tyne Valley
Red Pt
Birch Hill
Northam
Bald Pt
Arlington
Malpeque Harbour
Cape Aylesbury
Darnley Basin
MALPEQUE BAY
Grover I.
Bunbury I.
Charles Pt
Courtin I.
March Water
Malpeque
Darnley
Sea View
Cape Tryon
French River
Spring Valley
Irishtown
Long River
Richmond
ELLIS RIVER
Beech Pt
Bentinck Pt
Oyster Cove
Taylor Pt
Indian River
South West
Rosehill
Shemody Pt
Bentinck Cove
Chichester Cove
Indian
Margate
SOUTHWEST R.
New London
Stanley Bridge
New London Bay
Cavendish
Orby Head
NATIONAL
North Rustico
Rustico Harbour
Rustico I.
Wellington
Webber Pt
Webber Cove
Mills Pt
Kensington
Graham Road
Granville
Rusticoville
Brackley Pt
Cape Stanhope
PARK
Muddy Creek
CANADIAN
Miscouche
Sherbrooke
Travellers Rest
NATIONAL
Millvale
Trout River
New Glasgow
Rustico
Rustico Bay
Stanhope
Union Corner
Sunbury Cove
Sunbury Pt
SUMMERSIDE
Wilmot Valley
Wilmot River
Springfield
Oyster Bed Bridge
Covehead
Miscouche Pt
Summerside Harbour
Holman I.
Indian Head
Freetown
Ross Corner
Lower Freetown
Emerald
Elliott
Fredericton Station
Hunter River
Wheatley River
Pleasant Grove
BEDEQUE BAY
DUNK RIVER
Salutation Cove
Graham Head
Breadalbane
Ebenezer
Harrington
Bedeque
Central Bedeque
Dunk River
Kinkora
Shamrock
Rose Valley
Hartsville
Brookfield
Trilby
Little York
Seacow Head
Fernwood
Richmond Cove
Chelton
Searletown
South Arm
Milton Station
Sevenmile Bay
North Carleton
Albany
Wiltshire
Winsloe
Marshfield
Tyrone
Kelly Cross
Gamble Corner
North Tryon
Kingston
North River
Port Borden
Carleton
Cape Traverse
Crapaud
Appin Road
Riverdale
Clyde River
Cornwall
CHARLOTTETO
Amherst Cove
Augustin Cove
Tryon
Cape Traverse
Churchill
Southport
Victoria
Hampton
Cumberland Cove
Tryon Head
Birch Pt
Victoria Harbour
Brocklesby Head
De Sable
Bonshaw
Rocky Point
Keppoch
Blockhouse
Squaw Pt
Cape Bruin
Ferry
Charlottetown Harbour
ELIOT RIVER
YORKE RIVER
HILLSBOROUGH
NORTHUM
516
514
513
512
6
5
7
8
9
30'
15'
20440000
5130000

Twister Causes Damage To Cape Traverse Property



Estimates Damage At Least $4,000

Ed Clow arrived home early Sunday evening to find his Cape Traverse property a mess. In his absence, a tornado struck, blowing his fishing boat and garage into each other, damaging his mobile home and scattering objects around the neighborhood. His 10-foot dory disappeared from a nearby shore. He was still assessing the damage today but it amounts to at least $4,000 and could be higher if the frame of the fishing boat is damaged.

By BOB KELLY
(J-P Staff Writer)

CAPE TRAVERSE — Ed Clow hauled his 36½ foot fishing boat up to his yard last Thursday, thinking it would be safer than leaving it in the water at Cape Traverse wharf any longer. He couldn't have been more wrong.

Today it sits 50 feet closer to Mr. Clow's mobile home, partly covered by a wrecked garage, its cabin overturned. The boat, the 14 x 12 foot garage and mobile home were in the path of a tornado which touched down here early Sunday evening between 6 and 6:30 p.m.

Mr. Clow's wife, Dora, was alone at the time and she recalls that when the twister struck "it was just like something came and hit the place."

Glass from three kitchen windows went flying into the livingroom, a small window in the bathroom was smashed and a hole torn through the wall. The Clow's suspect that a flying garage door smashed against the side of the home.

The backyard is a mess. The boat lies tipped slightly to one side directly behind the home; the garage filled with fishing gear was blown about 10 feet to meet the boat, ending up in pieces draped over the stern. Pieces of wood slabs flew from a pile and are strung over a 100-foot stretch towards the shore.

Mr. Clow's 10-foot dory has disappeared from the shore. A shovel from the garage ended up on a neighbor's property across the road. The force of the wind was also displayed on the nearby property of Jack Campbell where an empty oil tanker was overturned.

WATERSPOUTS SEEN

The tornado apparently came on land from the nearby Northumberland Strait where several waterspouts — tornadoes over water — were spotted and avoided by CN Marine ferries. The weather office at CFB Summerside had no knowledge of the danger until witnesses alerted it. Throughout the area thunderstorms struck, along with hail farther east. At the base winds gusted up to 35 knots but in Borden they were recorded at 55 knots.

MUST MOVE

"It all happened in just a few seconds," Mrs. Clow says. "The windows smashed, dishes rattled. I thought the whole place was going."

Temporary repairs have been made to the mobile home but the Clows are planning to move into a motel until it is fit to live in again.

A small twister struck a subdivision in Wilmot, near Summerside, on the late afternoon of September 10, but damage was not as heavy. That time it moved a small barn, tore off a patio bench, uprooted a clothesline pole and scattered objects.

The Journal-Pioneer
Summerside, P.E.I.
September 29, 1980