Probable Tornado
Hornepayne, Ontario
July 22, 1987

Date- Local: Wednesday, July 22nd, 1987.
UTC: Wednesday, July 22nd, 1987.
Time-Local: 19:35
UTC: 23:35
Location: SW part of the town of Hornepayne
Region: Geraldton – Manitouwadge – Hornepayne
Classification: Probable Tornado
Category: G(-1)
Casualties: None
Track Length: ¼ of a mile
Width: None Available
Motion: 270°
Damage Estimate: None available
F-Scale Rating: F1
Code: AH/TS/MH
Damage Survey: None
Spotter Reports: None
Other Documents:

Logged event citing tornado with 10 houses damaged.
Newspaper article with eye witness report in it.
Tornado Project Summary Sheet noting mobile homes blown over and trees uprooted as well.
Maps of the Hornepayne.

Tornado F-Scale Assessment

Marci Vanhoucke
Tornado Data Production Assistant, Environment Canada
July 7, 2005.

Classification: Probable Tornado
Date: Wednesday, July 22nd, 1987.
Location: SW section of Hornepayne, Geraldton – Manitouwadge – Hornepayne

Assessment: F1
F-Code: AH/TS/MH
Explanation of Assessment: There are reports, between the logs, newspaper articles and summary sheet of 10 houses being damaged (unknown extent), mobile homes being blown over and trees uprooted. Due to the mobile homes blown over, this tornado is rated an F1.

CLASSIFICATION: Severe Thunderstorm
SOURCE/WATCHER ID:
EVENT TIME (UTC): 23-38 **EVENT DAY:** 22.0 **MONTH:** 7.0 **YEAR:** 1987.0 **EVENT DURATION (HR):** 0.0 **(MIN):** 0.0
DAY OF THE WEEK:
EVENT LOCALE: Hornepayne
ASOCTD PUBLIC RGN: Sault Ste Marie-Algoma
DETAILED DESCRIPTION: 10 buildings damaged.
INITIAL ASSESSMENT: YES
SPL WX STATEMENT IN EFFECT ?: UKN **STATEMENT LEAD TIME (HR):** **(MIN):**
WATCH IN EFFECT ?: UKN **WATCH LEAD TIME (HR):** **(MIN):**
WARNING IN EFFECT ?: UKN **WARNING LEAD TIME (HR):** **(MIN):**
TORNADO:
WINDSPEED:
RAINFALL: MM **RAIN DURATION:**
HAIL DIAMETER: MM **HAIL DESCRIPTION:**
EVENT DESCRIPTION: Tornado
Mesoscale ?: **Synoptic ?:** **Big Event ?:**
Statement Est Hit/Miss:
Watch Est Hit/Miss:
Warning Est Hit/Miss:
Separate Event (30km/30min): YES
Vetted by:
Vetted date:

SEVERE

WEATHER LOG. JULY 87

DATE	TIME OF WATCHER CALL	TIME OF SEVERE WX EVENT	LOCATION OF EVENT	WATCHER REPORT	WATCHER NAME	WATCHER NUMBER	INIT.
21	ORIS		EXETER	LTNG/THNDR INTNS THEN DEATHLY QUIET — NO WIND	Pulsko via Harold Hoscin		[illegible]
			TYPE II DERECHO?				
21	0280	0180-0220	LONDON CITY	Several calls to OPP re funnel clds. trees down	FLOYD	0249 ✓	[illegible]
					(only vry wk echoes over London - must be downburst damage)		
21	0140-0200Z		YQG	YQG pressure up 3mb/20 min max gust 31 Kts			[illegible]
22	8:30 pm	7:30 pm	HORNPAYNE (abt 70 mi. N of YXZ)	picked up small storage garage possible twister	Gail Mackie	she doesn't know ✓	T.N.
22	~9:20 pm	7:30	Hornpayne	roofs off buildings (twister) possible twister at Caramet	Paula Gaudreau 807-868-2008	✓	T.N.
23	Chapleau 2030Z TOP/SST YAM 00Z	possible twister	see Super log			✓	

87-07-23

0435Z... Broadcast News report they received confirmation of Hornepayne "twister," via OPP telex and radio links: (phone lines were down)

— occurred at 7 38 pm Wednesday, 22 Jul
— affected Southwestern portion of town
— 60 x 100 ft storage shed lifted.
— CN advised that trailers blown over in town
— travelled towards the east for about 1/4 mile.

J. R. Small

0698713 A

TORNADO PROJECT SUMMARY SHEET

1. DATE AND TIME July 22, 1987 1938 EDT

2. LOCATION OR PATH (attach map) Hornepayne, Ont.

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.)

10. TOTAL DAMAGE ESTIMATE $ 200,000 11. TOTAL DEATHS

12. TOTAL INJURED 13. TOTAL HOMELESS

14. LIST ALL REFERENCES

15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.
- 10 buildings damaged.
- mobile homes blown over
- trees uprooted

T.D. 1666075 250 0
5453750

872050162 FRI., JUL 24, 1987 PAGE: A12
CLASS: News
DATELINE: WORDS: 104

** FOR THE RECORD... **
***STORM*AFTERMATH **

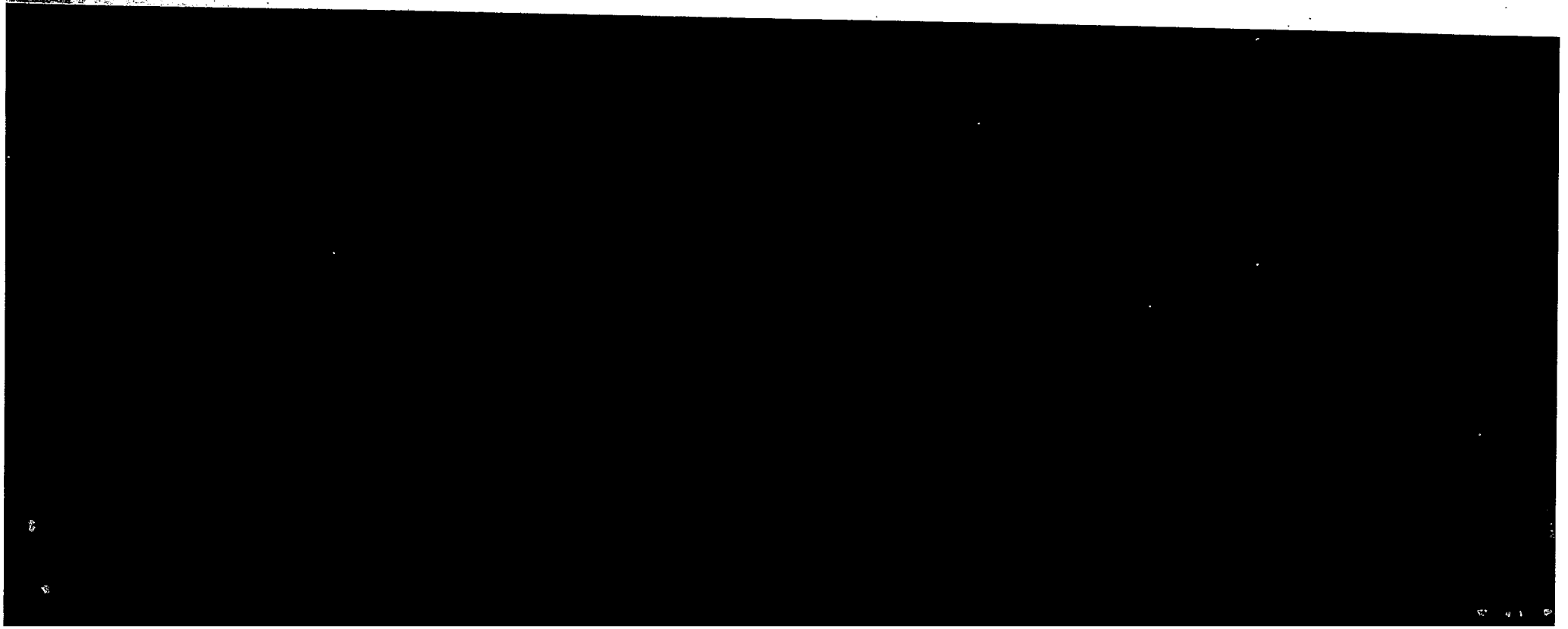
Wed. July 22/87

Residents were getting their lives in order yesterday after what was believed to be a*tornado*hit the small Northern*Ontario*community of Hornepayne on Wednesday. ''It was jumping all over the place,'' Joe Rioux said of the*storm,*which took away his carport in the southwest part of the town but left a nearby wood pile intact. No one in this town of 1,800 was hurt, but police said power and telephone lines toppled, seven houses were damaged, trees were uprooted and there was an estimated $200,000 in *losses.*A spokesman for*Canadian*National Railways said several mobile trailers were also blown over.

July 22/87

ADDED SEARCH TERMS:
GEOGRAPHIC NAME: *Ontario*
SUBJECT TERM: *tornados*

TORNADO



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SoftMap



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Scale 1 : 250 000

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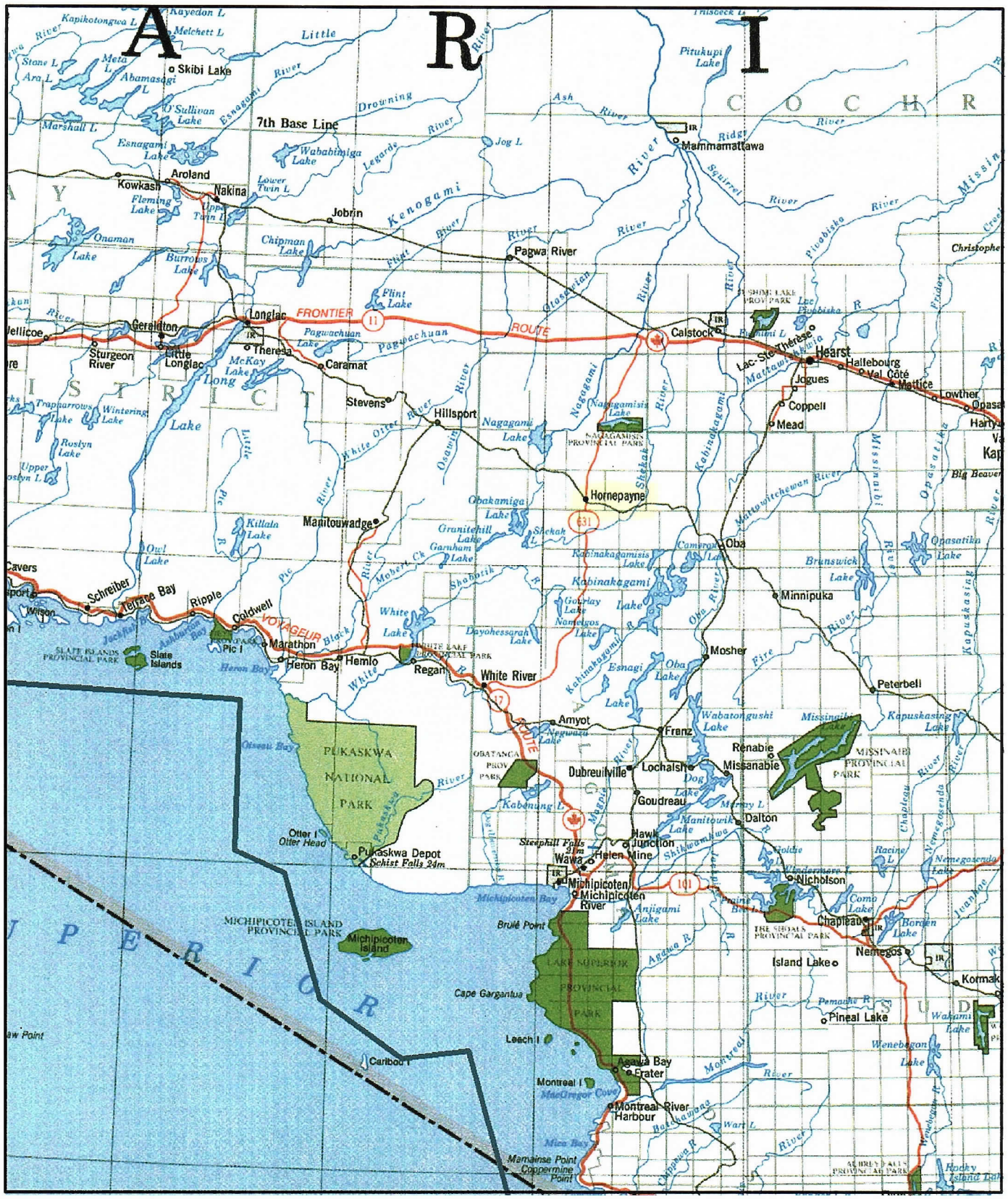

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