
**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

10 buildings damaged.

DETAILED DESCRIPTION:

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	0215		CHSTER	LONG/THUNDER INTNS THEN DEATHLY QUIET - NO WIND	Paula via Harold Morgan		DM
21	0250	0150-0220	LONDON CITY	Several calls to OPP re funnel cbls. trees down	FLOYD	0249	DM
					(only very wk echoes over London - must be damage)		
21	0140-0200Z		YQG	YQG pressure up 3omb/20 min max gust 31 Kts			DM
22	8:30 pm	7:30 pm	HURNPATNE (abt 70 mi. N of YRZ)	pushed up small storage garage possible twister	Gail Mackie	she doesn't know	T.N.
22	~9:20 pm	7:30	Hornpappe	roofs off buildings (twister) possible twister at Caramit	Paula Sandrean 807-868-2008		T.N.]
*23	Chaplain 2030Z 1911ST 4AM 007			possible twister see Syer log			✓

87-07-23

04352... Broadcast News report they received confirmation at 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 $\frac{1}{4}$ mile

J. R. Small

0698713 A ✓ #2

TORNADO PROJECT SUMMARY SHEET

1. DATE AND TIME July 22, 1987 1938 EDT

2. LOCATION OR PATH (attach map) Moinepayne, 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

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CLASS: News
DATELINE:

FRI JUL 24 1987

PAGE: A12

WORDS: 104

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

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.

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

wed. July 22/87

TORNADO





