Confirmed Tornado
Big Trout Lake, Ontario
July 4, 1989

Date- Local: Tuesday, July 4th, 1989.
UTC: Wednesday, July 5th, 1989.
Time-Local: 23:10
UTC: 03:10
Location: North of Big Trout Lake
Region: Big Trout Lake – Sachigo Lake
Classification: Confirmed Tornado
Category: G
Casualties: None
Track Length: None Available
Width: None Available
Motion: None Available
Damage Estimate: None available
F-Scale Rating: F0
Code: TS
Damage Survey: None
Spotter Reports: None
Other Documents:

Logged event citing 4 eyewitnesses to tornado and damage done to trees in remote area.

Tornado F-Scale Assessment

Marci Vanhoucke
Tornado Data Production Assistant, Environment Canada
June 28, 2005.

Classification: Confirmed Tornado
Date: Tuesday, July 4th, 1989.
Location: North of Big Trout Lake, Big Trout Lake – Sachigo Lake

Assessment: F0
F-Code: TS
Explanation of Assessment: 4 eyewitnesses of a 30-40 second tornado that caused an undetermined extent of tree damage in the remote northern area. Since the severity of tree damage is unknown, this tornado is rated an F0.

SEVERE WEATHER LOG

DATE	TIME OF WATCHER CALL	TIME OF WEATHER EVENT	LOCATION	WATCHER REPORT	WATCHER NAME/NUMBER	INIT
JULY 4 04/07/89 JULY 4	6:20 AM	DURING NIGHT 4-5 AM	CHISWICK S of YYB E of HWY 11 CHISHOLM COUNTY	HAY WAGON fliped Roof off TREES BENT, KNOCKED DOWN, HAIL, POWER SURGE, TWISTING DAMAGE, SPOTTY PATH OF STORM	YYB Wx office PRESS: NORTH BAY DAILY	[illegible]
JULY 4 04/07 See Brian Murphy	23 hrs	22 10 hrs	CHISHOLM TWP. N of WTL (Big Trout Lake)	TORNADO...	? Report in Library files.	[illegible]
JULY 6 06/07	920	910	Kirkland Lake	Hvy Rain and Hi Winds - damage to mall roof - signs and branches down - Hydro off	JEFF WILKINSON - reporter Kirkland Lake Gazette 705-567-5321 (via YSB)	[illegible]
JULY 7 07/07	13:22	13:??	NAPANEE	ROOF(S) OFF HOUSES NR NAPANEE	VIA YGK	DRZ VIA AMK
07/07	13:32	13:??	SELBY	HVY HAIL WND DAMAGE	VIA FLGT SERVICES KINGSTON	DR.
07/07	14.36	1420	BELLEVILLE	GOLF BALL SIZE HAIL STG WINDS HVY RAIN	VIA KINGSTON	AMK
07/07	1505	1500?	JUST SW YTR	RPTS OF FUNNEL CLD JUST SW YTR	VIA YTR	AMK

F2 ! 0698903 N

TORNADO PROJECT SUMMARY SHEET

1. DATE AND TIME July 4, 1989 2240 EST

2. LOCATION OR PATH (attach map) Big Trout Lake, Ont.

3. PATH LENGTH ☐ NOT KNOWN ☐ <1 mi; ☐ 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 $ 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.

b) Pilot and 3 others observed tornado on ground for 30 to 40 seconds. Damage to trees in remote area.

T.O. 16 3 10800 25 000 + C
596 7300

Big Trout Lake

NON-CIRCULATING

THE 1989 PRAIRIE WEATHER CENTRE

SUMMER SEVERE WEATHER REPORT

by

Gerald D. Machnee

GDM/jb
WD#50.4 "A" - SSW/89

Confirmed Severe Weather Events.

Date of Event	Time of event (UTC)	Prov.	Tornado	Wind	Rain	Hail	Watch in effect?	Warning in effect?	Location	Comments
										damage.
19/06/89	1445	MAN				X	Y	Y	Glenella	Golf ball size hail.
19/06/89	1500	MAN				X	Y	Y	Amaranth	
9/06/89	1450	MAN				X	Y	Y	Grass River Wx station	Mothball size hail. Walnut size hail at 9.50 AM CDT. At 10.42 AM CDT hail covered ground. All larger than hazelnut. About 8 mm rain both times.
9/06/89	1705	MAN				X	Y	Y	Lundar climat station	Marble size hail covered ground. Heavy rain. Lost power.
9/06/89	1600	MAN				X	Y	Y	Amaranth	A lot of lightning. Golf ball size hail-second storm. Gusty winds.
9/06/89	1900	MAN				X	Y	Y	Poplarfield-Vidir-Riverton	Golf ball size to 2 inches diameter for half hour. Damage to cars and roofs.
* Subtotal **	91285									
* MINN										
7/02/89	999	MINN		X			Y	N	Oak Island, Minnesota(at a sailing regatta)	Two waterspouts formed causing 3 metre waves. There was also heavy rain. Sails ripped and boats smashed and tossed on shore.
* Subtotal **	999									
* ONT										
6/03/89	2110	ONT		X			N	N	Sioux Lookout, Ontario	Gusts to 56 knots reported at Sioux Lookout at 2110. Brief heavy rains were also reported by the technician when asked about the thundershower over the phone.
7/02/89	1845	ONT		X			N	N	EXPERIMENTAL LAKE #938 - NEAR HILLOCK LAKE NEAR KENORA	Possible waterspouts and heavy rain after the winds. Pine trees 2 feet in diameter were sheared half way down the tree and knocked down in a straight line on the north shore of lake. Trees twisted on the south shore.
7/05/89	1930	ONT				X	Y	N	Sioux Lookout, Ont	One and one quarter inch hail at Sioux Lookout.
7/05/89	2300	ONT		X	X		Y	N	DEVLIN	Funnel clouds spotted south of Devlin at

Confirmed Severe Weather Events.

Date of Event	Time of event (UTC)	Prov.	Tornado	Wind	Rain	Hail	Watch in effect?	Warning in effect?	Location	Comments
07/05/89	340	ONT	X				N	N	BIG TROUT LAKE	7:00 PM. High winds knocked down trees and signs. No structural damage or injuries reported. Road washed out east of Stratton. 37 mm of rain fell. No hail was reported. Bearskin air pilot and three others observed tornado on ground for 30 to 40 seconds. Damage to trees in remote area only. No inspection was done in the area.
07/26/89	999	ONT		X		X	Y	N	Sibley Park-E Thunder Bay	Early evening.
07/26/89	1330	ONT				X	N	N	FORT HOPE	
07/26/89	2330	ONT		X		X	Y	N	SHABAQUA	Ping pong sized hail fell. Strong winds occurred along with 10 minutes of hail.
07/27/89	27	ONT		X			Y	Y	TROWBRIDGE	Trees down 20 KM NW Thunder Bay. 51 KNOT GUST AT TROWBRIDGE WEATHER STATION.
08/03/89	35	ONT	X				N	N	GOLD PINE NEAR EAR FALLS	Possible tornado. Damage to power lines and buildings.
08/04/89	150	ONT		X	X		Y	Y	DEVLIN	High winds which broke branches. Heavy rain(25 mm in 1 hour) also occured. Window blown out of trailer.
** Subtotal ** 13396										
** SASK										
05/24/89	200	SASK		X			N	N	KHEDIVE	West to northwest winds of up to 90 kmh which blew a flatbed trailer over and caused slight damage.
06/06/89	2125	SASK		X		X	N	N	GULL LAKE	There was small hail. 60-70 mph winds and 1-1.5 inch hail in ten minutes.
06/06/89	2006	SASK		X			N	N	ALSASK	Heavy downpours. NW 60-70 mph winds and heavy rainshowers. visibility was reduced to zero in blowing dust and showers.
06/06/89	1945	SASK	X				N	N	CUTKNIFE	Tornado touched down briefly.No damage.