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TORNADO PROJECT SUMMARY SHEET

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1.	DATE AND TIME	July 8, 1984 1945 EDT
2.	LOCATION OR PATH (attach map)	Big Trout Lake, Ont.
3.	PATH LENGTH	<input type="checkbox"/> NOT KNOWN <input type="checkbox"/> <1mi; <input type="checkbox"/> 1-4mi; <input type="checkbox"/> 5-10mi; <input type="checkbox"/> 11-50mi; <input type="checkbox"/> LENGTH IF >50mi
4.	PATH WIDTH	<input type="checkbox"/> 5. TORNADO PART OF SQUALL LINE? <input type="checkbox"/> YES; <input type="checkbox"/> NO; <input type="checkbox"/> UNKNOWN:
6.	ANY UNUSUAL COLORATION?	<input type="checkbox"/> YES; <input type="checkbox"/> NO; <input type="checkbox"/> UNKNOWN
7.	ANY UNUSUAL SOUND?	<input type="checkbox"/> YES; <input type="checkbox"/> NO; <input type="checkbox"/> 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.	

- wind from NW → SE
- along west side of Lake

T.O. 163 02500
596 3000 9000 0

To whom it may concern:

The following events occurred in the early evening hours of July 8, 1984 and were officially reported by myself, Louis Chartrand (Meteorological Technician at Big Trout Lake WTL, Ontario).

As I was watching the development of a CB and what appeared to be quite a storm moving in from the northern quad, I had observed what seemed to be a Funnel Cloud in the front portion of the CB or in other words in the northwestern part of the region. After consulting with our officer in charge, Brian Wilhelm, we both observed the phenomena for a few minutes and we had then decided that it was in fact a Funnel Cloud in the distance. A special message was typed out immediately. This was at 2338 GMT. Within seven minutes the Funnel Cloud was very distinct and had reached ground at 2345 GMT. Another special was punched and sent out on the circuit. It seemed to be moving in a NW to SE motion. By this time there was lightening associated in the rear end of the CB out towards the northern quad. The sky remained dark and did not change to a greenish tone or other colour which often is observed when there are very unstable conditions. The Tornado's awesome column was clearly visible on the horizon simply for a matter of about several minutes and then vanished from our sight. Within a few minutes it had moved very rapidly. All of this occurred on the western shore of the lake at approximately 15 to 20 miles out. One of the local Pilots was flying at the time and phoned in to describe the incredible sight. He said that the Funnel Cloud had touched down a couple of times, gave me a few headings and then told me that it seemed to be dissipating.

He had observed the phenomena at about 2340 GMT on the western side of the lake. Following the Tornado was a downpour of rain and frequent lightening strikes were associated. The CB was moving at a very rapid pace from north to south. Within fourteen minutes of the 0000 GMT observation, the heavy downpour had stopped. No hail was reported. All and all a very exciting 30 minutes.

DAMAGE: - Pilots have reported a strip of bush ripped apart for about $\frac{1}{2}$ mile in distance from the middle of the bush to the near shore of the lake.

REMARKS:- A few of the specials were punched but not sent due to heavy traffic on the circuit.