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**Confirmed Tornado  
Barrie, Ontario  
August 14, 1995**

**Date- Local:** Monday, August 14<sup>th</sup>, 1995

**UTC:** Monday, August 14<sup>th</sup>, 1995

**Time- Local:** 1800

**UTC:** 2200

**Location:** Hwy 27, between Thornton and Barrie

**Region:** Barrie-Orillia-Midland

**Classification:** Confirmed Tornado

**Category:** B

**Casualties:** None

**Track Length:** None available

**Width:** None available

**Motion:** None available

**Damage Estimate:** None available

**F-Scale Rating:** F0

**Code:** NI

**Damage Survey:** None

**Spotter Reports:** Two

**Other Documents:**

Notes on Funnel Cloud Video by Sarah J. Scriver, MSC King Radar

Funnel Cloud Footage, Thornton, 3 minutes long

Newspaper Articles

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## **Tornado F-Scale Assessment**

Sarah J. Sriver

Tornado Data Production Assistant, Environment Canada

October 16<sup>th</sup>, 2003

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**Classification:** Confirmed Tornado

**Date:** Monday, August 14<sup>th</sup>, 1995

**Location:** Hwy 27, Between Thornton and Barrie

**Assessment:** F0

**F-Code:** NI

**Explanation of Assessment:** Photograph depicted dust whirl at base of tornado; however there was no damage reported.

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SJS

Meteorological Service of Canada  
4905 Dufferin Street, ARMP  
Downsview, Ontario M3H 5T4  
**CANADA**

Video Footage  
Thornton, S of Barrie  
August 14<sup>th</sup>, 1995  
Funnel Cloud  
~ 3 min

- thick grey funnel w/ scud attached pointing down from grey sky
- funnel extends 2/3 of the way to the ground
- no debris observed
- 1 minute - beginning to rope out
- 2:40 - almost gone
- 2:50 mins - gone
- if this were the only evidence available, it would be classed as a "possible tornado"



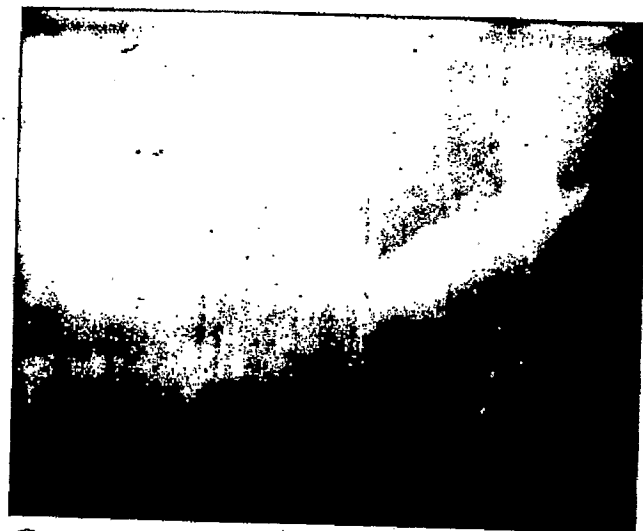
(M) (Funnel) Tornado  
Receding



(W) Approx. 2130Z 14 Aug 95  
Capt. 2nd Funnel Cloud  
Long  
99443/70797 Less Defined  
Did Not Touch Ground



(1) Approx. 2120Z 14 Aug 95  
Tornado Receding (After Touch Down)  
Long  
99443/70797 looking NW



(M) (Funnel) Tornado  
Receding

**Spotter Reports, August 14, 1995**

**CLASSIFICATION:** Severe Thunderstorm **SOURCE/WATCHER ID:** f **EVENT TIME (UTC):** 20-00 **EVENT DAY:** 14.0 **MONTH:** 8.0 **YEAR:** 1995.0 **EVENT DURATION (HR):** 0.0 **(MIN):** 0.0 **DAY OF THE WEEK:** **EVENT LOCALE:** Guelph **ASOCTD PUBLIC RGN:** Waterloo-Wellington-Dufferin **DETAILED DESCRIPTION:** "trees down" **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:** NO **WINDSPEED:** **RAINFALL:** MM **RAIN DURATION:** **HAIL DIAMETER:** MM **HAIL DESCRIPTION:** **EVENT DESCRIPTION:** Wind **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:**

**CLASSIFICATION:** Severe Thunderstorm **SOURCE/WATCHER ID:** f **EVENT TIME (UTC):** 21-10 **EVENT DAY:** 14.0 **MONTH:** 8.0 **YEAR:** 1995.0 **EVENT DURATION (HR):** 0.0 **(MIN):** 0.0 **DAY OF THE WEEK:** **EVENT LOCALE:** Innisfil **ASOCTD PUBLIC RGN:** Barrie-Huron **DETAILED DESCRIPTION:** "weak tornado touchdown" **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:** YES **F?** **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:**

**CLASSIFICATION:** Severe Thunderstorm **SOURCE/WATCHER ID:** f **EVENT TIME (UTC):** 22-00 **EVENT DAY:** 14.0 **MONTH:** 8.0 **YEAR:** 1995.0 **EVENT DURATION (HR):** 0.0 **(MIN):** 0.0 **DAY OF THE WEEK:** **EVENT LOCALE:** Clinton **ASOCTD PUBLIC RGN:** Barrie-Huron **DETAILED DESCRIPTION:** "trees down" **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:** YES **F?** **WINDSPEED:** **RAINFALL:** MM **RAIN DURATION:** **HAIL DIAMETER:** MM **HAIL DESCRIPTION:** **EVENT DESCRIPTION:** Wind **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:**

**CLASSIFICATION:** Severe Thunderstorm **SOURCE/WATCHER ID:** f **EVENT TIME (UTC):** 22-00 **EVENT DAY:** 14.0 **MONTH:** 8.0 **YEAR:** 1995.0 **EVENT DURATION (HR):** 1.0 **(MIN):** 0.0 **DAY OF THE WEEK:** **EVENT LOCALE:** Stratford **ASOCTD PUBLIC RGN:** Huron-Perth **DETAILED DESCRIPTION:** "trees down" **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: YES F? WINDSPEED: RAINFALL: MM RAIN DURATION: HAIL DIAMETER: MM HAIL DESCRIPTION: EVENT DESCRIPTION: Wind 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:**

**CLASSIFICATION: Severe Thunderstorm SOURCE/WATCHER ID: f EVENT TIME (UTC): 23-30 EVENT DAY: 14.0 MONTH: 8.0 YEAR: 1995.0 EVENT DURATION (HR): 0.0 (MIN): 0.0 DAY OF THE WEEK: EVENT LOCALE: Kitchener ASOCTD PUBLIC RGN: Waterloo-Wellington-Dufferin DETAILED DESCRIPTION: "trees down, flooding" 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: Wind 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:**