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**Confirmed Tornado  
Bradford, Ontario  
August 4, 1981**

**Date- Local:** Tuesday, August 4<sup>th</sup>, 1981.

**UTC:** Tuesday, August 4<sup>th</sup>, 1981.

**Time-Local:** 15:00

**UTC:** 19:00

**Location:** Bradford

**Region:** Dufferin – Innisfil

**Classification:** Confirmed Tornado

**Category:** A

**Casualties:** None

**Track Length:** 5639m

**Width:** 90m

**Motion:** 280°

**Damage Estimate:** None Available

**F-Scale Rating:** F0

**Code:** AH/TS

**Damage Survey:** one

**Spotter Reports:** None

**Other Documents:**

Logged event citing event as a tornado, no evidence given.

Information on this event, including field survey report by S. Leitch and P. Elms, can be found in the 'Ontario August 1981' folder at the front of this year.

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## **Tornado F-Scale Assessment**

Marci Vanhoucke

Tornado Data Production Assistant, Environment Canada

August 10, 2005.

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**Classification:** Confirmed Tornado

**Date:** Tuesday, August 4<sup>th</sup>, 1981.

**Location:** Bradford, Dufferin – Innisfil

**Assessment:** F0

**F-Code:** AH/TS

**Explanation of Assessment:** There is a project summary sheet along with a damage survey (including newspaper clippings) that was conducted by the weather office that confirms this as an F0 tornado. The damage survey states that damage found was in the form of grain flattened in a convergent pattern, trees twisted and snapped, farm wagons moved, shingles removed from houses, TV towers bent and slight damage done to house siding. Due to the damage found and the survey, this tornado is rated an F0.

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CLASSIFICATION: Severe Thunderstorm

SOURCE/WATCHER ID:

EVENT TIME (UTC): 19-00 EVENT DAY: 4.0 MONTH: 8.0 YEAR: 1981.0 EVENT DURATION (HR): 0.0 (MIN): 0.0

DAY OF THE WEEK:

EVENT LOCALE: Bradford

ASOCTD PUBLIC RGN: Barrie-Huronia

DETAILED DESCRIPTION:

Hail

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: F0  
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: