
**Probable Tornado
Bruce Mines, Ontario
July 4, 1999**

Date- Local: Sunday, July 4th, 1999
UTC: Monday, July 5th, 1999.

Time- Local: 23:20
UTC: 03:20

Location: Bruce Mines

Region: Sault Ste Marie-Superior-East

Classification: Probable Tornado

Category: C-1

Casualties: None

Track Length: None available

Width: None available

Motion: None available

Damage Estimate: None available

F-Scale Rating: F1

Code: BS

Damage Survey: None available

Spotter Reports: None

Other Documents:

Newspaper Article

Tornado F-Scale Assessment

Sarah J. Sriver

Tornado Data Production Assistant, Environment Canada

July 9th, 2004

Classification: Probable Tornado

Date: Sunday, July 4th, 1999

Location: Bruce Mines, Sault Ste Marie- Superior East Region

Assessment: F1

F-Code: BS

Explanation of Assessment: leveled a 100 yr old barn of unknown strength, 50 year old trees ripped out, flipped over a wagon and a boat and trailer, ripped doors of a Quonset hut, with one of the 1500 lb steel doors being found kilometers away.

SJS

Meteorological Service of Canada

4905 Dufferin Street, ARMP

Downsview, Ontario M3H 5T4

CANADA

CLASSIFICATION: Severe Thunderstorm**SOURCE/WATCHER ID:****EVENT TIME (UTC):** 03-30 **EVENT DAY:** 5.0 **MONTH:** 7.0 **YEAR:** 1999.0 **EVENT DURATION (HR):** 0.0 **(MIN):** 0.0**DAY OF THE WEEK:****EVENT LOCALE:** Bruce Mines**ASOCTD PUBLIC RGN:** Sault Ste Marie-Algoma

large barn demolished, trees down

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:** F1**WINDSPEED:** ?**RAINFALL:** ? MM **RAIN DURATION:****HAIL DIAMETER:** MM **HAIL DESCRIPTION:****EVENT DESCRIPTION:** Tornado**Mesoscale ?:** NO **Synoptic ?:** YES **Big Event ?:** YES**Statement Est Hit/Miss:** YES**Watch Est Hit/Miss:** YES**Warning Est Hit/Miss:** YES**Separate Event (30km/30min):** YES**Vetted by:** PRJC**Vetted date:** 10.07/1999

CLASSIFICATION: Severe Thunderstorm**SOURCE/WATCHER ID:** The North Shore Sentinel (Thessalon)**EVENT TIME (UTC):** 03-30 **EVENT DAY:** 5.0 **MONTH:** 7.0 **YEAR:** 1999.0 **EVENT DURATION (HR):** 0.0 **(MIN):** 0.0**DAY OF THE WEEK:****EVENT LOCALE:** Bruce Mines**ASOCTD PUBLIC RGN:** Sault Ste Marie-Algoma**DETAILED DESCRIPTION:** Winds levelled 100 year old barn, destroyed stell hut, ripped out trees by the roots, threw pieces of farm equipment around farm. Cut path through trees 300 feet wide.**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:** F1**WINDSPEED:****RAINFALL:** MM **RAIN DURATION:****HAIL DIAMETER:** MM **HAIL DESCRIPTION:****EVENT DESCRIPTION:** Tornado**Mesoscale ?:** **Synoptic ?:** **Big Event ?:****Statement Est Hit/Miss:** UKN**Watch Est Hit/Miss:** UKN**Warning Est Hit/Miss:** UKN**Separate Event (30km/30min):** NO**Vetted by:** mjl**Vetted date:** 05/11/1999