

---

**Confirmed Tornado  
Ril Lake, Ontario  
August 20, 2009**

**Date- Local:** Thursday, August 20<sup>th</sup>, 2009

**UTC:** Friday, August 21<sup>st</sup>, 2009

**Time- Local:** 2000

**UTC:** 0000

**Location:** Ril Lake

**Region:** Parry Sound - Muskoka - Huntsville

**Classification:** Confirmed Tornado

**Category:** C

**Casualties:** None

**Track Length:** 579.79 m

**Width:** None available

**Motion:** 226.18 degrees

**Damage Estimate:** None available

**F-Scale Rating:** F1

**Code:** TS, AH

**Damage Survey:** None, Storm damage survey report filled in by Brad Rousseau

**Spotter Reports:** None

**Other Documents:**

Storm damage survey report based off Arnold Ashton's data

E-mail from resident describing the damage

Pictures of damage

---

## **Tornado F-Scale Assessment**

Brad L. Rousseau

Tornado Data Production Assistant, Environment Canada

February 12<sup>th</sup>, 2010

---

**Classification:** Confirmed Tornado

**Date:** Thursday, August 20<sup>th</sup>, 2009

**Location:** Ril Lake, Parry Sound – Muskoka - Huntsville Region

**Assessment:** F1

**F-Code:** TS, AH

**Explanation of Assessment:** Large trees snapped near the bas and uprooted. AH; home had part of roof fail with removal of roofing material.

# OSPC Storm Damage Survey Report

Investigators	#1 (Lead) #3	#2 #4
Location / Region	Ril Lake	Parry Sound - Muskoka
Event Date Local / UTC (YYMMDD)	2009-08-20	2009-08-21
Event Time Local / UTC	2000	0000
Severe Weather Event Type	Tornado	
Classification	Confirmed	
F-scale Value	F1	
F-scale Code	TS, AH	
Start Lat / Long	45.162849	-79.028522
End Lat / Long	45.166453	-79.023178
Path Length (m)	579.79	
Motion (degrees)	226.18	
Max. Path Width (m)	width	
Avg. Path Width (m)	width	
Human Injuries / Fatalities	0	0
Animal Injuries / Fatalities	0	0
Damage (\$K) / Source	0	

Damage Description

Other Notes

Images and Captions

*include storm photos, damage photos, maps, etc. below*



















Hi ~ attached are the pictures of the damage on the south side of ril lake - the storm appeared to come down the hill and go straight across above the cottages, but still sucked up the largest trees.

- These are a small portion of the shots taken and are reduced in size for e-mailing

- Hydro had already piled some logs at the edge of the road and cut down some more dangerous tress, but the bulk of the damage remains visible and untouched in areas that didn't pose an immediate threat to people

- the path described by the helicopter pilot (delivering hydro poles) was SW to NE

- the area visible from the road appears to be about 10 acres, and is more narrow than wide

- I estimate some of the larger trees to be about 6' in circumference, based on the measurement of the tree leaning against the cottage

- of the trees damages @ 1/2 appear to have been snapped in the middle, @ 1/4 uprooted by falling over (not being pulled up) and @ 1/4 by the other trees landing on them

- the bulk of the damage appears to have been cedar, hemlock and pine; the birch trees (for the most part) had flexibility to their advantage



Environment  
CanadaEnvironnement  
Canada[\[Français\]](#) [\[Back\]](#)[View Event](#)[Back To Search Results](#)

Event type	Tornado (vetted)
Event start date	2009-8-20 UTC (exact)
Event start time	23:30:00 UTC (exact)
Event duration	00:01:00 (exact)
Entered by	yangm (2009-08-27 18:17:14)
Event version	latest
fcst region	PARRY SOUND - MUSKOKA - HUNTSVILLE
meso region	HUNTSVILLE - BAYSVILLE
Latitude/Longitude	45 ° 10' N 78 ° 60' W
Location	0 KM N of Ril Lake
Hail	no
Hail size descriptor	N/A
Hail diameter	N/A
Hail depth	N/A
Wind	no
Gust speed	N/A
Wind direction	N/A
Wind intensity	N/A
Rain	no
Rain amount	N/A
Rain duration	N/A
Tornado	yes
Tornado intensity	NA (measured)
Lightning	no
Lightning Intensity	N/A
Mesocyclone	no
Funnel Cloud	no
Waterspout	no
Narrative	Report of damages near Ril Lake. Woman believes that a tornado hit her house on August 20th. Dozens of large trees were down leaving a 500 ft wide path of trees that all fell in the same direction. Many trees were uprooted and some were snapped about half way up their trunk. Many had lost their branches and leaves. There was also some damage to a backyard shed and a chicken coop. The metal roof on the house was partially peeled back and the front porch (55 feet long) was picked up and thrown onto the roof with some pieces landing in the backyard. Nearby some neighbours apparently saw a tornado pass by their house causing a tree to land on their SUV before moving out into the Lake and dissipating.
Confidence	probable
Warning Criteria	met or exceeded
Source	Public
MSC initiated report of event	N/A
Contact name	Barbara Kendrick
Contact phone	705-767-2128
Contact email	N/A
Contact address	1134 South Ril Lake Road, Baysville
Number of fatalities	N/A
Fatality comments	N/A
Number of injuries	N/A
Injury comments	N/A

Damage amount	N/A
Damage comments	N/A
Power outage	N/A

[Back To Search Results](#)

Note: Event details are highlighted in orange.

---

You've Logged On As user: [sillsd](#) (ONT)

Today is: [2010-02-23](#)

Account expiry date: [2014-12-31](#)

[Logoff](#)

---

[[Graphics off](#)] |

---

[Important Notices and Disclaimers](#)

Created : 2003-12-08

Modified : 2006-02-16

Reviewed : 2003-12-08

Url of this page : [http://performance.ec.gc.ca/eventdata/viewevent\\_e.php?b\\_templatePrint=true](http://performance.ec.gc.ca/eventdata/viewevent_e.php?b_templatePrint=true)

---

The Green Lane™,  
Environment Canada's World Wide Web Site.

**Canada**