
**Confirmed Tornado
Haliburton Forest, Ontario
August 20, 2009**

Date- Local: Thursday, August 20th, 2009

UTC: Friday, August 21st, 2009

Time- Local: 2000

UTC: 0000

Location: Haliburton Forest Rsrv. (N of Kennisis Lake)

Region: Haliburton

Classification: Confirmed Tornado

Category: A

Casualties: None

Track Length: 10000 m

Width: 300 m

Motion: 206.07 degrees

Damage Estimate: None available

F-Scale Rating: F1

Code: TS

Damage Survey: Yes done by David Rodgers and Ryan Pimiskern

Spotter Reports: None

Other Documents:

Storm damage survey outlining damage and notes on the survey

Map of damage path

Photos of tree damage

Tornado F-Scale Assessment

Brad L. Rousseau

Tornado Data Production Assistant, Environment Canada

February 23rd, 2010

Classification: Confirmed Tornado

Date: Thursday, August 20th, 2009

Location: Haliburton Forest Rsrv. (N of Kennisis Lake), Haliburton Region

Assessment: F1

F-Code: TS

Explanation of Assessment: Large swath of trees along a roughly SW-NE path north of Kennisis Lake in the Haliburton Forest and Wildlife Reserve received tornadic damage for a distance likely in excess of several kilometers with obvious signs of damage convergence.

SJS

OSPC Storm Damage Survey Report

Investigators	<i>#1 David Rodgers</i>	<i>#2 Ryan Pimiskern</i>
Location / Region	<i>Haliburton Forest Rsrv (N of Kennisis Lake)</i>	<i>Haliburton</i>
Event Date Local and UTC (YYMMDD)	<i>90820</i>	<i>090821</i>
Event Time Local and UTC	<i>8:00pm</i>	<i>0000Z</i>
Severe Weather Event Type	<i>Tornado</i>	
Classification	<i>Confirmed</i>	
Classification Code	<i>A</i>	
F-scale Value	<i>F1</i>	
F-scale Code	<i>TS</i>	
Start Lat and Long	<i>45.2592</i>	<i>-78.6732</i>
End Lat and Long	<i>45.35</i>	<i>-78.61</i>
Path Length (m)	<i>(approximations based info from reserve) 10 km</i>	<i>(approximations based info from reserve)</i>
Motion (degrees)	<i>(approximation based aerial survey conducted by Haliburton Forest reserve) 206.07</i>	
Max. Path Width (m)	<i>300m</i>	
Avg. Path Width (m)	<i>250m</i>	
Human Injuries / Fatalities	<i>N/A</i>	<i>N/A</i>
Animal Injuries / Fatalities	<i>N/A</i>	<i>N/A</i>
Damage (\$K) / Source	<i>N/A</i>	

Damage Description

Large swath of trees along a roughly SW-NE path north of Kennisis Lake in the Haliburton Forest and Wildlife Reserve received tornadic damage for a distance likely in excess of several kilometres; however, limited resources for survey only produced a 0.8km damage track, with damage to trees being the only indicator of wind strength. F1 tree damage was observed, as well as obvious signs of damage convergence.

Other Notes

The manager of the land, David Bishop (705-754-2198) mentioned that a thorough survey will be conducted so that they can salvage timber from the affected damage path. The financial damage isn't measurable in dollars but rather in time, as the land affected is now unusable for timber harvesting for at least 120 years. Follow-up calls should be made to get information on the path length once their assessment is complete in mid-September 2009. Update by Dave: A follow up call was made and the damage path was estimated to be about 10 km, leading up to the border of Algonquin park and perhaps beyond. The aerial survey probably stopped at Algonquin park because they were mainly interested in salvageable timber.

Images and Captions

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



Map of extent of damage track from tornado (GPS Coordinates, damage track much likely much longer)



Tree Damage seen from hill (next hill is 300m away)
Looking NE
Lat/Long - 45.2628 / -78.6697