
**Confirmed Tornado
Anstruthers Lake, Ontario
August 2, 2006**

Date- Local: Wednesday, August 2nd, 2006

UTC: Thursday, August 3rd, 2006

Time- Local: 2005

UTC: 0005

Location: Anstruther Lake (47 km N of Peterborough)

Region: Peterborough - Kawartha Lakes

Classification: Confirmed Tornado

Category: A

Casualties: None

Track Length: 1024 m

Width: 85 m

Motion: 262 degrees

Damage Estimate: None available

F-Scale Rating: F1

Code: TD

Damage Survey: Yes, done by Etienne Gregoire (ground) and Sarah Wong (aerial)

Spotter Reports: None

Other Documents:

Damage survey providing details on the damage track, type of damage, notes on eyewitness reports, track map, and conclusions

Photos of the damage and updated track map

OSPC report confirming F1 tornado and providing details on damage track and type of damage

Tornado F-Scale Assessment

Brad L. Rousseau

Tornado Data Production Assistant, Environment Canada

June 1st, 2010

Classification: Confirmed Tornado

Date: Wednesday, August 2nd, 2006

Location: Anstruther Lake (47 km N of Peterborough), Peterborough - Kawartha
Lakes Region

Assessment: F1

F-Code: TD

Explanation of Assessment: Deep-rooted trees were uprooted and/or snapped,
several downed power lines and the convergence seen the aerial shots

SJS

Storm Damage Survey- August 2nd, 2006

-Anstruthers Lake-

Investigator
Etienne Gregoire

Survey conducted Aug 5, 2006

Quick Facts

Severe Weather Type	Tornado
Location	Anstruthers Lake
Time	Unknown
Duration	Unknown
Magnitude	F1
Path Length	1 km, N44 43.728 W78 14.007 to N44 43.806 W78 13.239
Direction of Motion	Approximately East
Max. Path Width	85 m
Significant Damage	Deep-rooted trees were uprooted and/or snapped and several power lines were down

Synoptic Overview

Watches and Warnings

Watch issued at, 7:48am Wednesday August 2, 2006
Warning issued at, 7:16pm Wednesday August 2, 2006
Warning ended at, 9:58pm Wednesday August 2, 2006
Watch ended at, 10:03pm Wednesday August 2, 2006

Damage Survey

Time: Unknown

- **Damage**

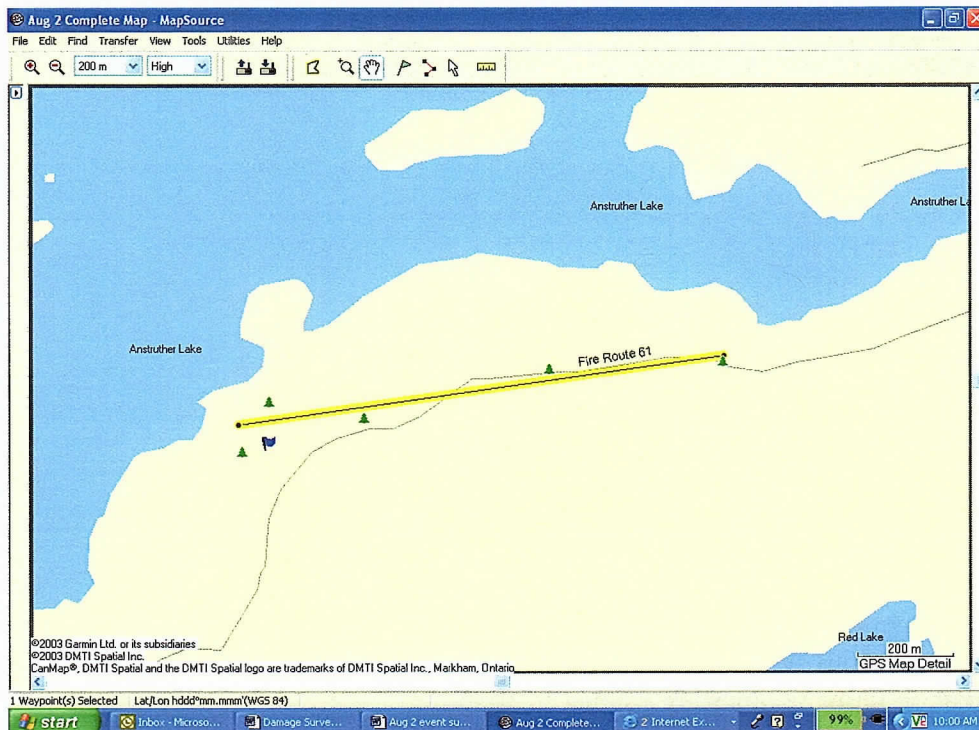
- Deep in cottage country, very difficult access due to narrow roads with many trees down and Hydro crews working
- Trees down had deep roots
- Impossible to attempt to walk the track

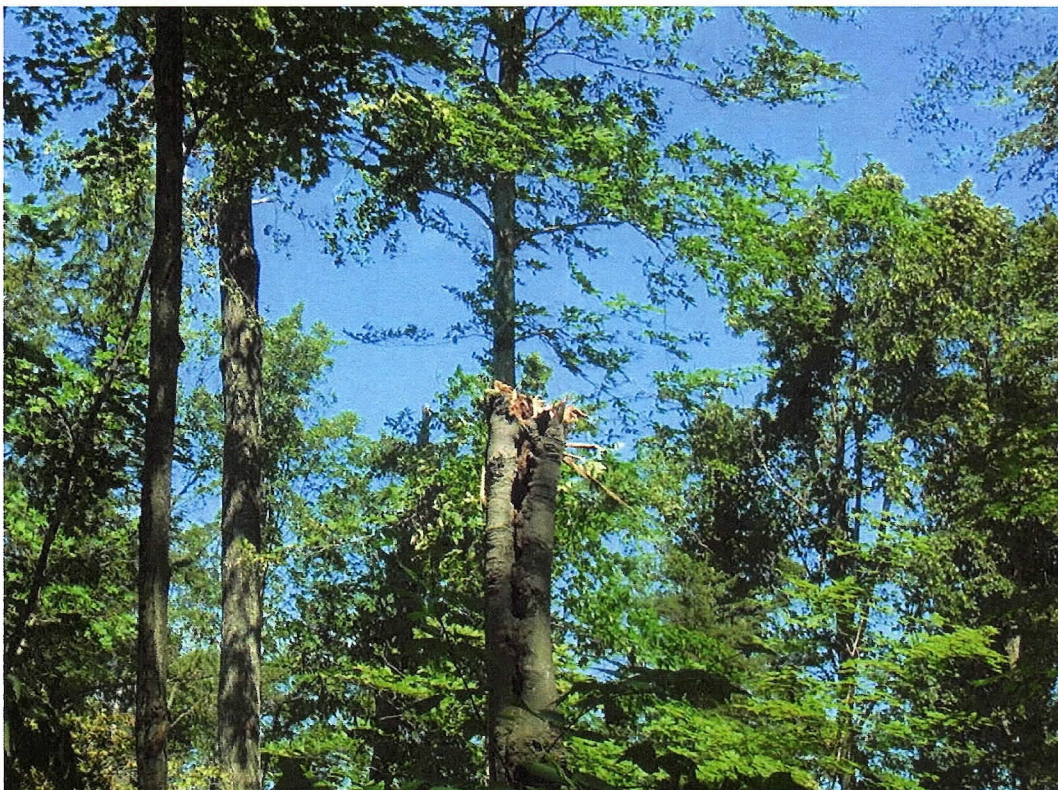
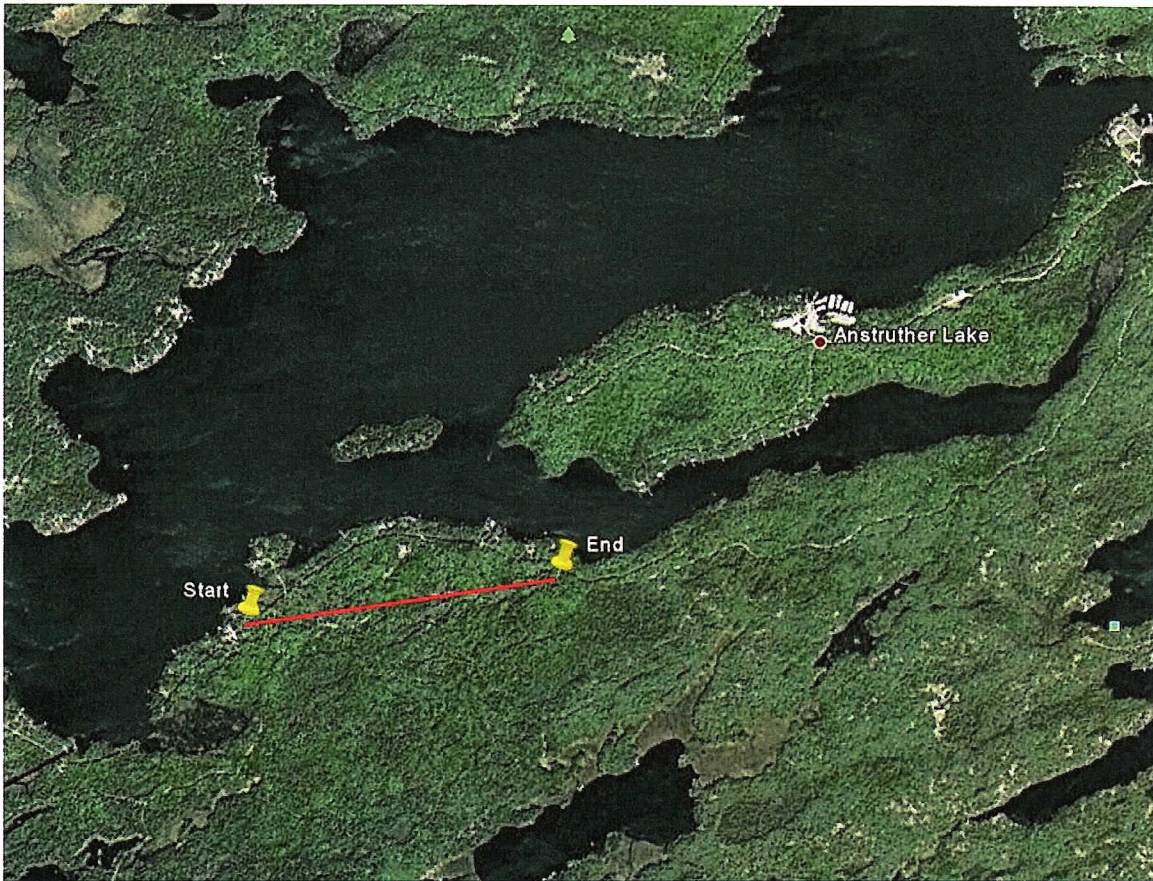
Eye Witness

Most reports are second hand and few seem reliable here. Some people spoke of no rain when it came, others yes and the time of the event could not be confirmed.

Conclusions

The main damage path is located just south of Anstruthers Lake and is approximately 85m wide extending east for 1km. The area is cottage country and is comprised mostly of large trees and dense bush making the evaluation of the track a difficult task. Based on the large uprooted trees, several downed power lines and the convergence seen the aerial shots, this tornado event was classified as an F1.









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Event type	Tornado (vetted)
Event start date	2006-8-3 UTC (exact)
Event start time	00:05:00 UTC (exact)
Event duration	00:05:00 (rough)
Entered by	ruddicki (2006-12-12 20:52:55)
Event version	latest
fcst region	PETERBOROUGH - KAWARTHA LAKES
meso region	APSLEY - WOODVIEW - NORTHERN PETERBOROUGH COUNTY
Latitude/Longitude	44 ° 43' N 78 ° 13' W
Location	1.5 KM SW of Anstruther 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	F1 (measured)
Lightning	no
Lightning Intensity	N/A
Mesocyclone	no
Funnel Cloud	no
Waterspout	no
Narrative	Confirmed "low-end" F1 tornado. Damage track roughly 2km long, average 150 meters wide. Began roughly 1.5 km SW of town. Damage consisted of deep rooted trees being snapped or uprooted and downed power lines. Track appeared intermittent from air.
Confidence	confirmed
Warning Criteria	met or exceeded
Source	Meteorologist
MSC initiated report of event	N/A
Contact name	Damage Survey (Gregoire, ground; Wong, aerial)
Contact phone	N/A
Contact email	N/A
Contact address	N/A
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

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