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**Confirmed Tornado  
Sturgeon Lake, Ontario  
September 5, 1985**

**Date- Local:** Thursday, September 5<sup>th</sup>, 1985.

**UTC:** Thursday, September 5<sup>th</sup>, 1985.

**Time-Local:** 17:10

**UTC:** 21:10

**Location:** SW side of Sturgeon Lake, N of Lindsay

**Region:** Peterborough – Kawartha Lakes

**Classification:** Confirmed Tornado

**Category:** G

**Casualties:** None

**Track Length:** None Available

**Width:** None Available

**Motion:** ~240°, estimated by possible track in library folder

**Damage Estimate:** None Available

**F-Scale Rating:** F0

**Code:** TS

**Damage Survey:** None

**Spotter Reports:** None

**Other Documents:**

Logged event citing tornado as the event.

Map of approximate location of eyewitness report.

Map with track and newspaper articles detailing eyewitness reports and minor damage can be found in 'Ontario Sept 1985' vanilla coloured folder at front of this year.

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## **Tornado F-Scale Assessment**

Marci Vanhoucke

Tornado Data Production Assistant, Environment Canada

July 21, 2005.

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**Classification:** Confirmed Tornado

**Date:** Thursday, September 5<sup>th</sup>, 1985.

**Location:** SW side of Sturgeon Lake (N of Lindsay),  
Peterborough – Kawartha Lakes

**Assessment:** F0

**F-Code:** TS

**Explanation of Assessment:** There is a newspaper article with an eyewitness account of the tornado 'gathering up trees...It was literally pulling the hay straight up'. A 900kg trailer was thrown about nine meters. Some boat damage was also noted in the article. Due the damage described, this tornado is rated an F0.

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**Category:** G

**Casualties:** None

**Track Length:** None Available

**Width:** None Available

**Motion:** ~240°, estimated by possible track in library folder

**Damage Estimate:** None Available

**F-Scale Rating:** F0

**Code:** TS/SS

**Damage Survey:** None

**Spotter Reports:** None

**Other Documents:**

Logged event citing tornado as the event.

Map of approximate location of eyewitness report.

Map with track and newspaper articles detailing eyewitness reports and minor damage can be found in 'Ontario Sept 1985' vanilla coloured folder at front of this year.

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**CLASSIFICATION:** Severe Thunderstorm

**SOURCE/WATCHER ID:**

**EVENT TIME (UTC):** 21-10 **EVENT DAY:** 5.0 **MONTH:** 9.0 **YEAR:** 1985.0 **EVENT DURATION (HR):** 0.0 **(MIN):** 0.0

**DAY OF THE WEEK:**

**EVENT LOCALE:** Sturgeon Lake (Near Lindsay)

**ASOCTD PUBLIC RGN:** Peterborough and the Kawarthas

**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:**

**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:**

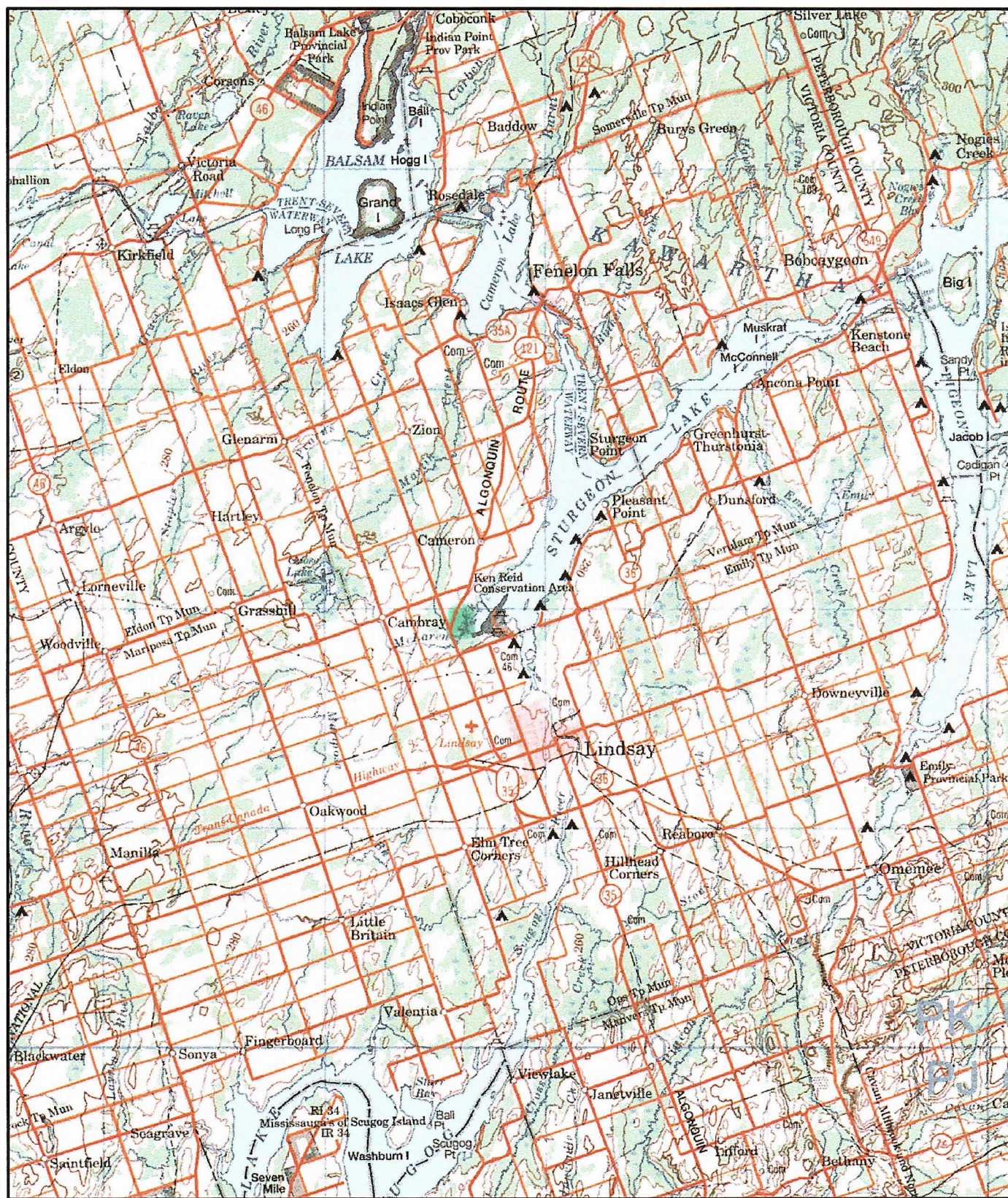
**Warning Est Hit/Miss:**

**Separate Event (30km/30min):** YES

**Vetted by:**

**Vetted date:**





where eyewitness report in newspaper is from.



SEPTEMBER 5, 1985 TORNADO OVER STURGEN LAKE

### Introduction:

On the evening of September 5, 1985 the Ouxo received a phone call from an individual who said he had spotted a funnel cloud 18 KM northwest of Lindsay. About a half an hour later the briefer from North Bay called to say that a tornado had touched down in the area of Lindsay.\* An investigation was carried out by two meteorologists from the OAC the following day.

### Investigation Report.

The tornado touched down just west of a farm owned by Jack Souder which is approximately 18 KM ~~to~~ northwest of Lindsay and tracked almost directly <sup>east</sup> ~~west~~ passing through Robinson's Marina where it lifted off the ground again. The heaviest damage was sustained by the Marina where a large tree was uprooted, a trailer was demolished, and a plate glass window blew in. The investigation team came to the conclusion that a tornado had occurred based on the selective nature of the damage. A great many boats and trailers were in the yard of the Marina and some were blown several hundred feet while others had been left untouched. Several hydro poles at the end of the lane leading to the marina had been snapped off about about three quarters of the way up.

→ Larry Robinson of Robinson's Marina reported that the first thing he noticed was the noise. About half a minute after the noise the wind hit. Mr. Robinson said he saw a smoke-like cloud (type 2 on the survey form) while other observers at the same sight said they saw a cone like funnel (type 4). Some rain was reported along the track of the tornado but it was not heavy. The heavier rain apparently fell after the tornado lifted off and headed out over Sturgeon Lake. A small community on the west side of Goose Bay (Sturgeon Lake) received wind damage and torrential rains and a funnel-like cloud was spotted out over Goose Bay. Across the lake heavy rain was reported but there was no associated wind so that it appears that the tornado dissipated over the lake.

#### ATTACHMENT A

1. shows the track of the tornado.
2. specific damage areas.

#### ATTACHMENT B

1. supervisor's report from September 5, 1985

#### ATTACHMENT C






1. Severe Storm Surveys.

a) Larry Robinson  
b) John Louder

c) Charles Kelly

# APPENDIX 4

## Detailed Severe Weather Survey Form

(a) FUNNEL SEEN <b>Y</b> or <b>N</b>	
(b) FUNNEL TYPE (CIRCLE) <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 10px;"> <div style="text-align: center;">  <p>1 Multiple</p> </div> <div style="text-align: center;">  <p>2 Smoke-like</p> </div> <div style="text-align: center;">  <p>3 Columnar</p> </div> <div style="text-align: center;">  <p>4 Cone</p> </div> <div style="text-align: center;">  <p>5 Rope-like</p> </div> <div style="text-align: center;"> <p>6 Unknown</p> </div> <div style="text-align: center;"> <p>7 Other</p> </div> </div>	
(c) IF MULTIPLE HOW MANY	(d) FROM WHICH DIRECTION
UNUSUAL NOISE <b>Y</b> or <b>N</b> If yes, describe	
ANY EVIDENCE OF RAPID PRESSURE DROP? (E.G. WINDOWS BLOWN OUT) <b>Y</b> or <b>N</b>	
EVIDENCE OF SWIRLING (CIRCULAR) MOTION IN DEBRIS <b>Y</b> or <b>N</b> If yes, describe	
EVIDENCE DEBRIS WAS CARRIED A LONG WAY <b>Y</b> or <b>N</b> If yes, describe	
EVIDENCE OF NARROW DAMAGE PATH <b>Y</b> or <b>N</b> If yes, estimate of width	