
**Confirmed Tornado
Clayton, Ontario
August 2, 2006**

Date- Local: Wednesday, August 2nd, 2006

UTC: Thursday, August 3rd, 2006

Time- Local: 2030

UTC: 0030

Location: Clayton area (25 km northwest of Carleton Place)

Region: Smith Falls - Lanark - Sharbot Lake

Classification: Confirmed Tornado

Category: A

Casualties: None

Track Length: 1000 m

Width: 100 m

Motion: None available

Damage Estimate: None available

F-Scale Rating: F0

Code: TS

Damage Survey: Yes, done by Etienne Gregoire, Denis Paquette, and Isabel Ruddick

Spotter Reports: None

Other Documents:

August 2, 2006 summary report providing approximate track length, width, time of event, and conclusions about the event

OSPC report detailing confirmed F0 tornado, as well as the approximate location of the event, and the Doppler radar for the cell

Map showing waypoints of Doppler indicated meso's and damage point.

Tornado F-Scale Assessment

Brad L. Rousseau

Tornado Data Production Assistant, Environment Canada

June 3rd, 2010

Classification: Confirmed Tornado

Date: Wednesday, August 2, 2006

Location: Clayton area (25 km northwest of Carleton Place), Smith Falls -
Lanark - Sharbot Lake Region

Assessment: F0

F-Code: TS

Explanation of Assessment: Thick forested area with mostly small trees had a
swath of downed trees

Clayton (18 km west):

Tornado

F0

1 km 100 m

8:30 p.m.

A small tornado crossed an isolated portion of 8th Concession (Darling Road), east of the town of Tatlock. The track was discovered 4 months after event occurred. The survey team was directed to area using radar data.

==WEATHER EVENT DISCUSSION==

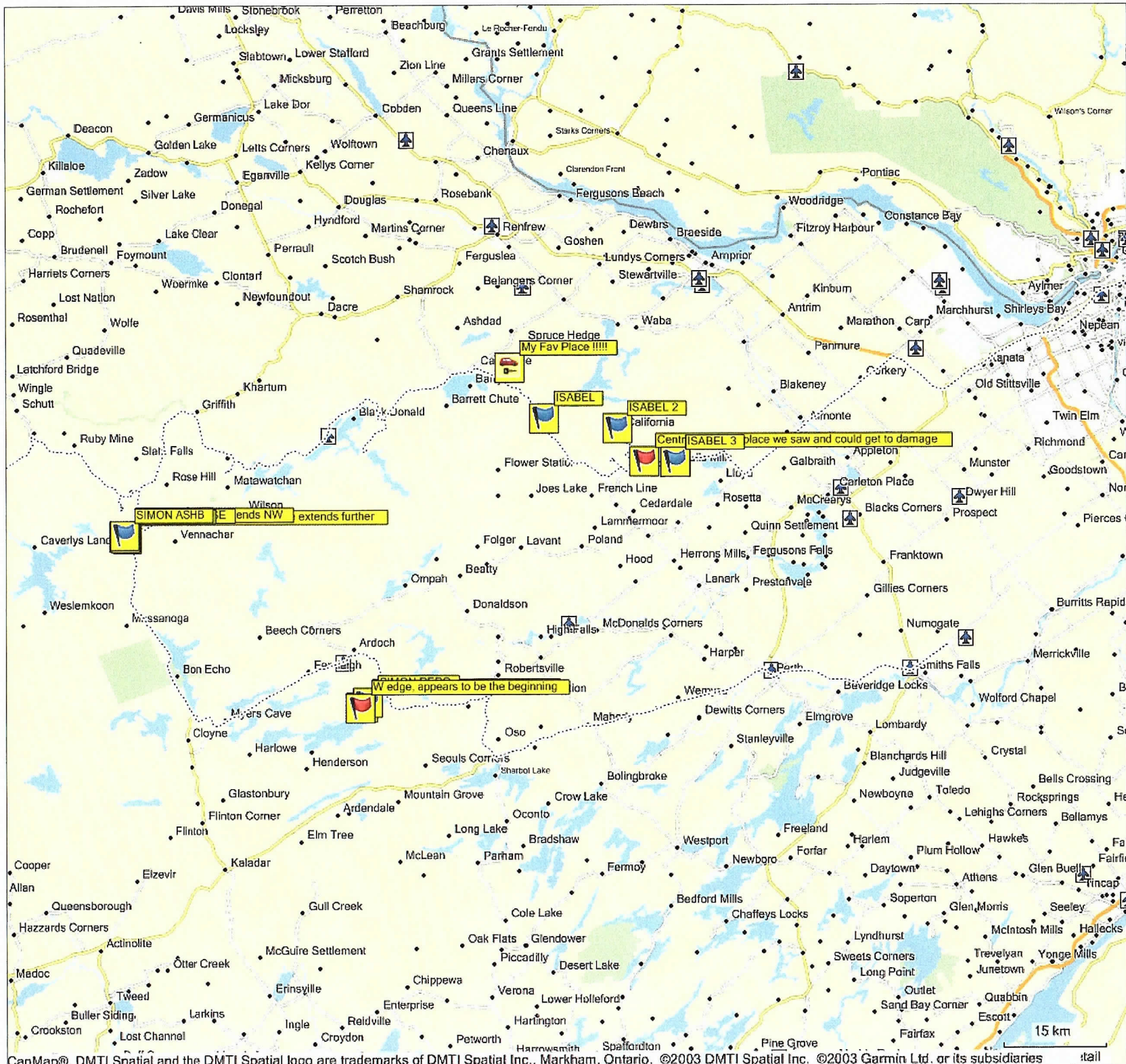
A STORM SURVEY TEAM COMPRISED OF ENVIRONMENT CANADA METEOROLOGISTS AND RESEARCHERS HAVE CONTINUED TO STUDY THE SEVERE WEATHER OUTBREAK OF AUGUST 2ND 2006 DURING THE PAST NUMBER OF MONTHS. USING RADAR IMAGERY..PHOTOGRAPHS..AERIAL SURVEYS AND EYEWITNESS ACCOUNTS THE TEAM HAS BEEN ABLE TO CONFIRM THAT 4 ADDITIONAL TORNADOES OCCURRED ON THAT DAY. THE DETAILS OF THESE TORNADOES ARE GIVEN IN THE TABLE BELOW. THIS NOW BRINGS THE TOTAL NUMBER OF CONFIRMED TORNADOES FROM AUGUST 2ND TO 14 WHICH BREAKS THE RECORD FOR MOST CONFIRMED TORNADOES IN ONTARIO IN ONE DAY. THE OLD RECORD WAS SET ON MAY 31 1985 WHEN 13 SEPARATE TORNADOES OCCURRED..TWO OF THOSE TORNADOES BEING THE VERY STRONG AND DEADLY BARRIE AND GRAND VALLEY TORNADOES. WITH THE ADDITION OF THESE NEWLY CONFIRMED TORNADOES..THE TOTAL FOR ONTARIO DURING 2006 NOW STANDS AT 23. THE STORM SURVEY TEAM WILL CONTINUE TO REVIEW REPORTS FROM THIS PAST SUMMER AND FURTHER UPDATES WILL BE ISSUED AS REQUIRED.

ENVIRONMENT CANADA WOULD ESPECIALLY LIKE TO THANK THE LARGE NUMBER OF PEOPLE FROM ALL WALKS OF LIFE WHO HAVE CONTRIBUTED THEIR TIME AND EFFORT TO AID IN THIS INVESTIGATION. THESE PEOPLE WERE VERY FORTHCOMING WITH THEIR EYEWITNESS ACCOUNTS AND PHOTOGRAPHS RELATED TO THE EVENTS OF THIS PAST SUMMER.

DATE
TIME (LCL) LOCATION EVENT DESCRIPTION

7:30 PM EDT AUG 2 2006	MARSDEN LAKE AREA IN NORTHERN HALIBURTON COUNTY	FUJITA SCALE ONE TORNADO (PEAK WINDS BETWEEN 120 AND 170 KM/H)
7:40 PM EDT AUG 2 2006	KIRK COVE - COXVALE SOUTHEAST OF BON ECHO PROVINCIAL PARK	FUJITA SCALE ZERO TORNADO (PEAK WINDS UP TO 120 KM/H)
8:30 PM EDT AUG 2 2006	CLAYTON AREA 25 KILOMETRES NORTHWEST OF CARLETON PLACE	FUJITA SCALE ZERO TORNADO (PEAK WINDS UP TO 120 KM/H)
9:00 PM EDT AUG 2 2006	FERGUSON CORNERS AREA NORTH OF BON ECHO COUNTY PROVINCIAL PARK	FUJITA SCALE ONE TORNADO (PEAK WINDS BETWEEN 120 AND 170 KM/H)

PLEASE NOTE THAT THIS SUMMARY CONTAINS THE OBSERVATIONS AT THE TIME OF BROADCAST AND DOES NOT CONSTITUTE AN OFFICIAL AND FINAL REPORT OF THE



→ Blue:
 Duplex indicated
 Mesos

Red:
 Tract.



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Event type	Tornado (vetted)
Event start date	2006-8-3 UTC (exact)
Event start time	00:30:00 UTC (exact)
Event duration	00:01:00 (close)
Entered by	ruddicki (2006-12-21 21:40:31)
Event version	latest
fcst region	SMITHS FALLS - LANARK - SHARBOT LAKE
meso region	SMITHS FALLS - PERTH - EASTERN LANARK COUNTY
Latitude/Longitude	45 ° 11' N 76 ° 20' W
Location	0 KM N of Clayton
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	F0 (measured)
Lightning	no
Lightning Intensity	N/A
Mesocyclone	no
Funnel Cloud	no
Waterspout	no
Narrative	Confirmed F0 tornado in the Clayton area. Storm Damage survey team was dispatched on DEC 20 2006 (over 4 months after occurrence) because of the very strong supercell signature on doppler radar. The storm held a red meso for about 1 hour. The tornado touched down right at the end of its lifespan. It crossed highway 511 but there was no evidence of damage there...only in the Clayton area. The supercell track was about west to east through unpopulated land. Damage survey was done by Etienne Gregoire and Denis Paquette. Isabel Ruddick
Confidence	confirmed
Warning Criteria	met or exceeded
Source	Meteorologist
MSC initiated report of event	yes
Contact name	N/A
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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Note: Event details are highlighted in orange.

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