
**Confirmed Tornado
Hickson, Ontario
July 30, 2008**

Date- Local: Wednesday, July 30th, 2008

UTC: Wednesday, July 30th, 2008

Time- Local: 1900

UTC: 2300

Location: Hickson (13 km N of Woodstock)

Region: Oxford - Brant

Classification: Confirmed Tornado

Category: B

Casualties: None

Track Length: None available

Width: None available

Motion: None available

Damage Estimate: None available

F-Scale Rating: F0

Code: AH, TS

Damage Survey: None

Spotter Reports: One

Other Documents:

Weather statement confirming tornado outlining phone survey reports, damage, location and time of the event

Photos of the funnel

2 OSPC reports detailing the timeline of the event, and eyewitness reports

Tornado F-Scale Assessment

Brad L. Rousseau

Tornado Data Production Assistant, Environment Canada

April 7th, 2010

Classification: Confirmed Tornado

Date: Wednesday, July 30th, 2008

Location: Hickson (13 km N of Woodstock), Oxford - Brant Region

Assessment: F0

F-Code: AH, TS

Explanation of Assessment: Report indicates shingle damage to a home.
Reports of some tree damage

SJS

CONFIRMED TORNADO TO THE NORTH OF WOODSTOCK LAST EVENING

==WEATHER EVENT DISCUSSION==

AT APPROXIMATELY 7:00 PM ON WEDNESDAY JULY 30TH A TORNADO BRIEFLY OCCURRED ABOUT 12 KM TO THE NORTH OF WOODSTOCK IN THE COMMUNITY OF HICKSON IN THE TOWNSHIP OF EAST ZORRA – TAVISTOCK. ENVIRONMENT CANADA PERSONNEL CONDUCTED A PHONE SURVEY THIS MORNING AND SPOKE WITH A NUMBER OF EYEWITNESSES IN THE HICKSON AREA. EYEWITNESSES REPORTED A FUNNEL CLOUD WITH SWIRLING DEBRIS BELOW IT AT THE SURFACE. THIS SWIRLING DEBRIS AT THE SURFACE CHANGES THE CATEGORIZATION FROM FUNNEL CLOUD TO TORNADO. SOME TREE DAMAGE WAS REPORTED ALONG WITH MINOR SHINGLE DAMAGE TO ONE HOME.

THIS TORNADO WAS RATED AS A FUJITA SCALE ZERO TORNADO WITH PEAK WINDS AROUND 100 KM/H. THIS RATING IS THE LOWEST ON THE FUJITA WIND DAMAGE SCALE WHICH STARTS AT ZERO AND GOES UP TO 5. THIS IS THE 9TH TORNADO OF THE SEASON SO FAR IN ONTARIO.

THE SUMMER SEVERE WEATHER SEASON RUNS FROM LATE APRIL TO EARLY OCTOBER AND ONTARIO NORMALLY GETS AROUND 11 TORNADOES.

DATE TIME (LCL)	LOCATION	EVENT DESCRIPTION
7:00 PM	HICKSON	CONFIRMED F-0 TORNADO



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Event type	Tornado (vetted)
Event start date	2008-7-30 UTC (exact)
Event start time	23:00:00 UTC (estimate)
Event duration	00:10:00 (rough)
Entered by	yangh (2008-09-29 19:58:20)
Event version	latest
fcst region	OXFORD - BRANT
meso region	WOODSTOCK - TILLSONBURG - OXFORD COUNTY
Latitude/Longitude	43 ° 14' N 80 ° 48' W
Location	0 KM N of Hickson
Hail	no
Hail size descriptor	N/A
Hail diameter	N/A
Hail depth	N/A
Wind	yes
Gust speed	N/A
Wind direction	N/A
Wind intensity	F0
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	Ms. Smith was one of many residents of Hickson interviewed by Geoff Coulson. Ms. Smith provided video footage of the F0 tornado and other pictures can be found in the Outreach FTP folder for this event. Eyewitnesses all spoke of swirling debris underneath a funnel cloud. Damage was minimal with some minor tree damage and one home with minor roof damage.
Confidence	confirmed
Warning Criteria	met or exceeded
Source	Public
MSC initiated report of event	N/A
Contact name	Shannon Smith
Contact phone	N/A
Contact email	ssmith@tryustravel.com
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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Created : 2003-12-08

Modified : 2006-02-16

Reviewed : 2003-12-08

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Event type	Tornado (vetted)
Event start date	2008-7-30 UTC (exact)
Event start time	23:17:00 UTC (exact)
Event duration	00:01:00 (close)
Entered by	rodgersd (2008-08-12 20:36:39)
Event version	latest
fcst region	OXFORD - BRANT
meso region	WOODSTOCK - TILLSONBURG - OXFORD COUNTY
Latitude/Longitude	43 ° 13' N 80 ° 42' W
Location	0 KM N of Innerkip
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	Rob called in twice, both were reports of funnel clouds. These funnels were short lived, but rotation was observed. Rob estimated that they were reaching 3/4 of the way down though he didn't have a clear view of the ground. Update by Dave. Geoff Coulson conducted a thorough phone investigation and found that the funnel cloud was actually an FO tornado. See Hickson tornado in the outreach FPT site...there are numerous photos.
Confidence	confirmed
Warning Criteria	met or exceeded
Source	Meteorologist
MSC initiated report of event	N/A
Contact name	Rob Khun
Contact phone	519 893 8266
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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