
**Confirmed Tornado
Newmarket, Ontario
July 17, 2006**

Date- Local: Monday, July 17th, 2006

UTC: Tuesday, July 18th, 2006

Time- Local: 2215

UTC: 0215

Location: Newmarket (Stonehaven Ave.)

Region: York - Durham

Classification: Confirmed Tornado

Category: A

Casualties: None

Track Length: 500 m

Width: 30 m

Motion: 278 degrees

Damage Estimate: None available

F-Scale Rating: F0

Code: AH, HP

Damage Survey: Yes, done by Patrick King, and Melody Yang

Spotter Reports: One

Other Documents:

Damage survey providing an overview of the area, damage path length, width, and detailing some of the damages

2 OSPC reports detailing damages in the area and confirming a tornado

Tornado F-Scale Assessment

Brad L. Rousseau

Tornado Data Production Assistant, Environment Canada

May 27th, 2010

Classification: Confirmed Tornado

Date: Monday, July 17th, 2006

Location: Newmarket (Stonehaven Ave.), York – Durham Region

Assessment: F0

F-Code: AH, HP

Explanation of Assessment: Aluminum soffits were pulled downward from garage or verandah overhangs. Asphalt shingle was impaled in a wooden door, shingles torn from roofs. 8 power poles knocked down.

SJS

Storm Survey Report

18-July-2006

Patrick King
Melody Yang

Sites Investigated:

1. Bolton, Columbia Way
2. Newmarket, Davis Dr & Woodbine Ave,
3. Newmarket, Stonehaven Subdivision

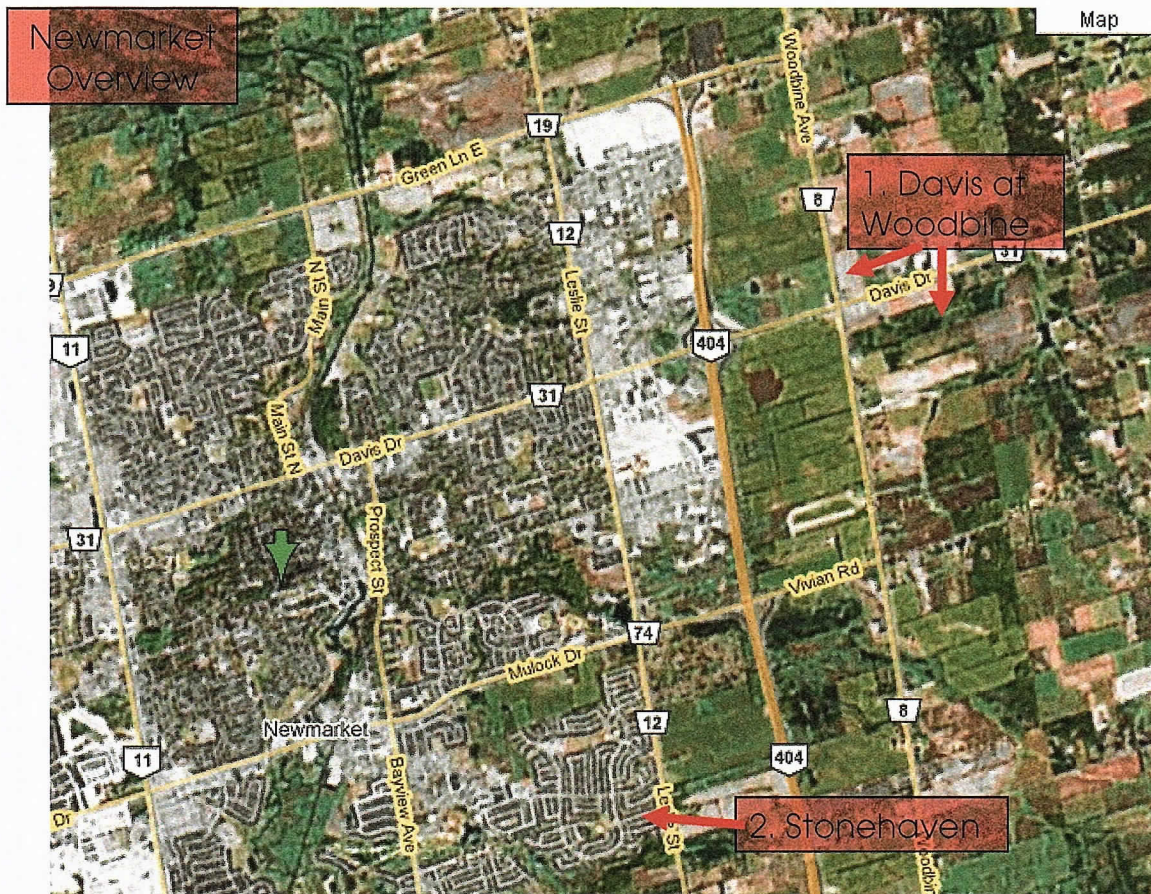
Investigation Chronology (approximate)

10:00 EDT	Departed Downsview
10:45-11:30	Investigated Bolton site
11:30-12:30	Travelling to Newmarket
12:30-15:00	Investigating site 2
15:00-18:00	Investigating site 3

Event Summary

Date/Time	Location	Event Description
18 July 2006 10:15 EDT	Newmarket – Woodbine at Davis Dr	<p>8 hydro poles were downed along Woodbine north of Davis Dr. About 400 m east on Bales Dr, a factory was partially unroofed. A shipping container weighing 14000 lb ended up on top of large diameter (30 cm) pipes. No clear track was evident joining the two locations. There was also damage at a farm on the south side of Davis Dr at Bales. A small, poorly-constructed shack was destroyed. Aluminum irrigation pipes were lifted from a wagon, ending up in an erratic pattern leaning on the wagon.</p> <p>This event is in a straight line with the damage Sarah Wong found at Hwy 48 and Vivian Road.</p>
18 July 2006 10:15 EDT	Newmarket Stonehaven Subdivision	<p>Damage track about 500 m long and about 20 m wide. Most of damage was shingles torn from roofs. Garden furniture was swept roughly northward in several locations and several east-west fences were knocked down. Some fencing material appears to have been carried about 200 m over 2 houses.</p>

Newmarket Overview



3. Newmarket, Stonehaven Subdivision



At this location there was a narrow track of damage (perhaps 20-30 m wide) extending for about 500 m, beginning on Foxcroft Boulevard and ending at Leslie Street. The land east of Leslie St is being developed as a new subdivision has been stripped bare.

Most of the debris was carried in a northeasterly direction, although one house suffered damage on its north side. In two cases backyard “jungle gyms” were destroyed and knocked down neighboring fences, both moving toward the north. Slats from a wooden fence appear to have been carried eastward about 200 m from Quantra Cres to Landresse Court. We found two instances where aluminum soffits were pulled downward from garage or verandah overhangs. At 798 Landresse Court an asphalt shingle was impaled in a wooden door.

We spoke to a number of people who gave the time of the event as 10:15 edt and said that it lasted about 15 seconds.

Acknowledgement:

Maps courtesy of Google Maps website (<http://maps.google.com/>)

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Event type	Tornado (vetted)
Event start date	2006-7-18 UTC (exact)
Event start time	02:15:00 UTC (estimate)
Event duration	00:05:00 (rough)
Entered by	bonczam (2007-11-07 15:36:44)
Event version	latest
fcst region	YORK - DURHAM
meso region	NEWMARKET - GEORGINA - NORTHERN YORK REGION
Latitude/Longitude	44 ° 3' N 79 ° 28' W
Location	0 KM N of Newmarket
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	F1
Rain	no
Rain amount	N/A
Rain duration	N/A
Tornado	no
Tornado intensity	N/A
Lightning	no
Lightning Intensity	N/A
Mesocyclone	no
Funnel Cloud	no
Waterspout	no
Narrative	8 power poles down - damage in Pat's opinion, has been cause by a downburst/straightline wind damage. A subsequent damage survey indicated a tornado had hit the area. Damage track Stonehaven subdivision about 500 m long and about 20 m wide. Most of damage was shingles torn from roofs. Garden furniture was swept roughly northward in several locations and several east-west fences were knocked down. Some fencing material appears to have been carried about 200 m over 2 houses. More details are available on the outreach site under the July 27 event in the Newmarket file.
Confidence	probable
Warning Criteria	met or exceeded
Source	Meteorologist
MSC initiated report of event	N/A
Contact name	Pat King
Contact phone	N/A
Contact email	N/A
Contact address	NewMarket - Woodbine and Davis
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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Event type	Tornado (vetted)
Event start date	2006-7-18 UTC (exact)
Event start time	02:15:00 UTC (exact)
Event duration	00:10:00 (rough)
Entered by	bonczam (2007-11-07 15:38:32)
Event version	latest
fcst region	YORK - DURHAM
meso region	NEWMARKET - GEORGINA - NORTHERN YORK REGION
Latitude/Longitude	44 ° 3' N 79 ° 28' W
Location	0 KM N of Newmarket
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	F1
Rain	no
Rain amount	N/A
Rain duration	N/A
Tomado	no
Tomado intensity	N/A
Lightning	no
Lightning Intensity	N/A
Mesocyclone	no
Funnel Cloud	no
Waterspout	no
Narrative	Police scanner talked about tornado touch down and major damage in town. A subsequent damage survey has confirmed tornado touchdown. Damage track about 500 m long and about 20 m wide. Most of damage was shingles torn from roofs. Garden furniture was swept roughly northward in several locations and several east-west fences were knocked down. Some fencing material appears to have been carried about 200 m over 2 houses. More details available on outreach site under July 17-18 event in the Newmarket file.
Confidence	confirmed
Warning Criteria	met or exceeded
Source	Canwarn
MSC initiated report of event	N/A
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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