

---

**Confirmed Tornado  
Campbellville, Ontario  
July 4, 2001**

**Date- Local:** Wednesday, July 4<sup>th</sup>, 2001

**UTC:** Wednesday, July 4<sup>th</sup>, 2001

**Time- Local:** 1915

**UTC:** 2315

**Location:** Campbellville

**Region:** Halton-Peel

**Classification:** Confirmed Tornado

**Category:** A

**Casualties:** None

**Track Length:** None available

**Width:** None available

**Motion:** None available

**Damage Estimate:** None available

**F-Scale Rating:** F0

**Code:** BS

**Damage Survey:** David Sills, MSC King Radar, with Melissa Battler and Lesley Hill

**Spotter Reports:** None

**Other Documents:**

Damage Survey Summary, by David Sills, MSC King Radar, with Melissa Battler and Lesley Hill

Newspaper Articles, some showing photograph of tornado

---

## **Tornado F-Scale Assessment**

Sarah J. Sriver

Tornado Data Production Assistant, Environment Canada

April 22<sup>nd</sup>, 2004

---

**Classification:** Confirmed Tornado

**Date:** Wednesday, July 4<sup>th</sup>, 2001

**Location:** Campbellville, Halton-Peel Region

**Assessment:** F0

**F-Code:** BS

**Explanation of Assessment:** Roof of 100 yr old barn lifted on one side, with roofing material blown approx 300m away. Wood roadside stand was lifted and rolled, with the roof deposited upwind.

# Damage Survey Summary

David Sills, Melissa Battler, Lesley Hill

6 July 2001

Event Location:	Campbellville, Ontario area
Event Date:	4 July 2001
Time:	Video footage and witness reports indicate event time approx. 7:15 pm to 7:30 pm
Point of First Damage:	First Line south of Moffat (43.543 N, 80.248 W)
Path length:	9 km (continuous light damage)
Tornado motion:	From 285 degrees (true)
Maximum Path Width:	Approximately 300 m
F-Scale Rating:	F0
F-Scale Justification:	<p>Mostly tree branches down and tops off. Worst damage in two places:</p> <p>1) Barn on Guelph Line a few km south of Campbellville had roof lifted off on one side, roofing material including corrugated steel was blown up to 300 m away, barn was ~100 years old, felt both roof and steel roofing acted as aerofoils and damage didn't require great amount of wind. Neighbouring houses had little or no damage eg. antenna bent.</p> <p>2) Wood roadside stand (6m x 3m x 3m) on Guelph Line less than 1 km south of barn site was lifted and rolled over with the roof coming off and landing upwind of the walls. West wall of stand was open (ie. easily catches wind) so again don't think that winds had to be too strong to get this kind of damage.</p>
Visual evidence:	Mark Robinson (storm chaser) has video footage of tornado. Jack Kertzie (storm chaser) has still photo of tornado showing what looks like wall cloud and rear-flank downdraft. These images and damage photos and video are available from Dave Sills.
Damage costs:	\$10 000 (rough estimate)
Storm notes:	Witnesses reported no lightning or hail with this event and very little if any rain. Mark Robinson said he chased this storm from Guelph and thought that it was rotating before the tornado developed. From Mark's video, multiple vortex structure looks possible. Storm doesn't look that impressive on satellite imagery.

# Campbellville Tornado

Viewed by:  
Sarah J. Scriber  
August 12<sup>th</sup>, 2003

Video Footage  
Campbellville Tornado / and Ayr tornado (brief)  
July 4, 2001  
Mark Robinson

- witness watched tornado
- took roof off of house barn
- 40 km long track
- Arthur, Ayr, Bancroft, St. George, Argyle had tornado sightings
- interviewed Mark Robinson who was chasing the storm + I assume saw the tornado
- elderly woman rescued by CITY TV from the floods
- Storm spotters saw tornadoes + EC confirmed them in: Argyle, Ayr, Campbellville + Arthur
- Campbellville tornado on video
- Ayr tornado on video
- "no serious reports of damage"
- unable to see ground for both tornadoes, but shape, size, movement + circulation leave little doubt that they reached the surface
- more Campbellville tornado
- new City Pub near
- Marie Curtis Park
- Campbellville tornado
- Isabel Rudolick
- Parts of barn roof off.

Hiboy



- Ayr, Campbellville & Argyle all confirmed.

- tree fell on house in Toronto

- storm chaser footage

- board tops of storm visible

- driving... driving...

- storm staff

- tornado on the ground, heading SE

- another view of tornado

- dissipated

- now only wall cloud visible

- damage shots

- only trees down

- end 26 minutes of film.

- confirmed tornadoes in Campbellville and Ayr.