## Confirmed Tornado
## Windsor, Ontario
## July 8, 1986

**Date- Local:** Tuesday, July 8th, 1986.
**UTC:** Tuesday, July 8th, 1986.
**Time-Local:** 19:25
**UTC:** 23:25
**Location:** Windsor, Jackson Park
**Region:** Windsor – Essex – Chatham-Kent
**Classification:** Confirmed Tornado
**Category:** G
**Casualties:** None
**Track Length:** 1 mile
**Width:** None Available
**Motion:** 315°
**Damage Estimate:** at least $25 000
**F-Scale Rating:** F0
**Code:** SS/TS/AH
**Damage Survey:** None
**Spotter Reports:** None
**Other Documents:**

Logged event citing eyewitness account of tornado touch down in park causing damage in a localized area.
Logged event citing Windsor Star's report of damage.

# Tornado F-Scale Assessment

Marci Vanhoucke
Tornado Data Production Assistant, Environment Canada
July 12, 2005.

**Classification:** Confirmed Tornado
**Date:** Tuesday, July 8th, 1986.
**Location:** Windsor (Jackson Park), Windsor – Essex – Chatham-Kent

**Assessment: F0**
**F-Code: SS/TS/AH**
**Explanation of Assessment:** There is a logged event of eyewitness accounts of a tornado touching down in the park. Reports from witnesses and a newspaper article suggest the damage was limited to minor tree and house (awnings down, shingles off) damage as well as an overturned shed. Due to the minor damage to the trees, house and shed, this tornado is rated an F0.

**CLASSIFICATION:** Severe Thunderstorm
**SOURCE/WATCHER ID:**
**EVENT TIME (UTC):** 23-23 **EVENT DAY:** 8.0 **MONTH:** 7.0 **YEAR:** 1986.0 **EVENT DURATION (HR):** 0.0 **(MIN):** 0.0
**DAY OF THE WEEK:**
**EVENT LOCALE:** Windsor
**ASOCTD PUBLIC RGN:** Windsor-Essex-Kent
**DETAILED DESCRIPTION:** tornado

**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:**

SEVERE

# WEATHER LOG

| DATE | TIME OF WATCHER CALL | TIME OF SEVERE WX EVENT | LOCATION OF EVENT | WATCHER REPORT | WATCHER NAME | WATCHER NUMBER | INIT. |
|---|---|---|---|---|---|---|---|
| JULY 07/86 | ≈1:40 pm (1740 Z) | ~1700 Z | Thorold (Welland Canal) | 'Dust Devil' but no damage. Yatch in trouble on lake (may be wind damage). | Geoff Meek (WO) | via Don Rehberg | JP Doppler outputs saved |
| JULY 08/86 | evening July 8 | 7:25 pm | Windsor | trees, awnings down, sheds turned over, shingles off east of line through center of city (Jackson Park) + WSW of city. Green sky, heavy rain. Travelling west to east. Photos, clippings to follow | Peter McCallum WO4 YQG | | JP |
| | | | | witnesses of touch downs in park. ~ 1 mile long. NW-SE trees uprooted + wrapped around each other. | | | |
| JULY 13/86 | 2315 Z | 2300 Z | 6 MI S ARTHUR | HVY WND, HAIL PEA 15 MIN - HVY RAIN. SOME BRANCHES DOWN 1" MAPLE | STAN WOODS | PH. 8486211 | GLW |
| July 13/86 | 14 0202 Z | 0152-0201 Z | 1 mile west of Lock 1 | Receiving heavy rain 9:52-10:01 EDT. FM Amren radio storm moving ESE 50 KM/H. Wind up to 55 KM/H | Paul Collins | D 487 Rhone 416-937-7162 | JR |
| July 17 | 0240 Z | ~0130 Z | Hanover | TWO reported that CKCO TV in YKF received a call from someone in Hanover that the area had received golf ball size hail. However no reports were received from Weather Watchers at the OWC. Based strictly on radar a Wx Warning probably should have been issued, however after calling WMN OPP detachment and getting no reports of Sm. Wx. 9 did not [illegible] in effect from 9:10 PM → 12:00 PM | N/A | N/A | * |
| | | | | | | | * |

Andy McCaulou

Wednesday night July 8/86

WW 342 NW

DARK CREEP

VIS 200 FT Tor

YQG

~~UNSP~~

Peter McCallum

Star trees down, awnings, sheds turned over, shingles ↘ east Jackson Park central part of city

~ 7:25 pm lasted ~ 10-15 min after moving WtoE

Rondeau Wescot 1600 Block

damage also WSW of city

apt located south of this area

apt. SE of downtown

C...A FEW SVR TSTMS WITH HAIL SFC AND ALF TO 1 .
AND SFC WND GUSTS TO 70 KT. A FEW CBS WITH MAX TOPS TO 580 . MEAN
WIND VECTOR 270/30 .

D...VERY STG TSTMS DVLPG NERN IL ON OLD INSTBLTY LN. AMS VERY WARM
AND UNSTBL ACRS NRN IN INTO NRN OH. WITH STG UPR JET ACRS GRT LAKES
TSTMS IN FVRBL ANTICYCLONIC SHEAR ZN FOR CONTD DVLPMNT.

F...OTR TSTMS...CONT WW 342.

SEVERE - WEATHER RECORD

| DATE | WATCH NO. | WARNING NO. | TIME ISSUED (edt) | TIME EXPIRE (edt) | FORECAST REGION | MARINE LAKE | SEQUENCE OF NOTICE TIMES (edt) | ACTIVE (HR) | DAMAGE RECORD: WO-4 | WATCHER (check ✓ one) | MEDIA (check ✓ one) | OTHER | TIME (EDT) | REPORT OF EVENT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JULY 8 | | 46 | 19:45 | 21:30 | ESSEX<br>KENT | ST. CLAIR<br>W-ERIE<br>(RONDEAU WEST) | EXPIRED 21:30<br>ALL SECTORS | 1:8 | ✓ | | | | 19:25 | YQG - WINDSOR<br>- WIND DAMAGE REPORTED IN CITY CENTRE REGION<br>- HEAVY RAINFALL<br>- HEAVY DAMAGE TO TREES IN LOCAL PARK TRACK 1 MILE LONG SEVERAL WITNESSES (UNCONFIRMED REPORT SEEING SMALL TORNADIC DISTRIBANCE IN AREA.<br><br>WINDSOR - WINDSOR STAR<br>- HEAVY DAMAGE IN ISOLATED AREAS OF CITY CENTRE DUE TO WIND BORNE GARDEN-SHEDS & TREES IMPACTING<br>- DAMAGE TO POWERLINES<br>- INSURERANCE ADJUSTER CLAIMS HIS COMPANY ALONG HAS 25,000.00 IN CLAIMS DUE TO STORM. |