
**Probable Tornado
Aylmer, Ontario
September 14, 1990**

Date- Local: Friday, September 14th, 1990.

UTC: Friday, September 14th, 1990

Time-Local: 16:30

UTC: 20:30

Location: Aylmer area

Region: Elgin

Classification: Probable Tornado

Category: G (-1)

Casualties: None

Track Length: None Available

Width: None Available

Motion: None Available

Damage Estimate: None Available

F-Scale Rating: F1

Code: BS

Damage Survey: None Available

Spotter Reports: None Available

Other Documents:

4 (1 eyewitness account, 1 radio) severe weather logs citing witnessing a tornado, funnel cloud and damage path. Barns, tobacco kilns and trees damaged.

Tornado F-Scale Assessment

Marci Vanhoucke

Tornado Data Production Assistant, Environment Canada

June 16th, 2005.

Classification: Confirmed Tornado

Date: Friday, September 14th, 1990.

Location: Aylmer area, Elgin

Assessment: F1

F-Code: BS

Explanation of Assessment: There is a logged report of a man witnessing a tornado with the damage consisting of trees down and a path flattened in the corn field. A further report from a radio station stated that the damaged consisted of barn buildings destroyed and tobacco kilns damaged. Due to this damage, this tornado is rated an F1, since the quality of the barns destroyed is unknown.

CLASSIFICATION: Severe Thunderstorm**SOURCE/WATCHER ID:****EVENT TIME (UTC):** 20-30 **EVENT DAY:** 14.0 **MONTH:** 9.0 **YEAR:** 1990.0 **EVENT DURATION (HR):** 0.0 **(MIN):** 0.0**DAY OF THE WEEK:****EVENT LOCALE:** London-Aylmer**ASOCTD PUBLIC RGN:** London-Middlesex-Oxford

Buildings, barns destroyed. Possible tornado.

DETAILED DESCRIPTION:**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:** POSSIBLE**WINDSPEED:****RAINFALL:** MM**RAIN DURATION:****HAIL DIAMETER:** MM**HAIL DESCRIPTION:****EVENT DESCRIPTION:** Wind**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:**

TRACTOR TRAILER OVERTURNED
 (W of Mitchell) trees
 Sebringville - Trees down
 ELGIN COUNTY - BTWN STRATFORD & ELGIN
 MAN SPOTTED TORNADO TOUCHDOWN
 TREES DOWN
 PATH FLATTENED IN CORN FIELD
 (F-F-T.N.)

Month: _____ Year: _____

SEVERE WEATHER LOG

DAY	LOCAL TIME WATCHER ID	DETAILED DESCRIPTION	EVENT TIME EVENT LOCALE
14	15:45Z BOB (214 838-988) SANDSTROM	ERIE RADAR HOOK BLND REPORTED ON RADAR 5-10 MILES WSW FINGAL IN ELGIN COUNTY.	ELGIN
14	16:30 CANWARU S OF STRATFORD	MARBLE SIZE HAIL REPORTED. HEAVY RAIN FLOODING IN PARTS OF CITY. SOME TREES DOWN NEAR LONDON...	16:00
14	17:40 DAVE McDONALD YKF CKCO	POWERS LINE DOWN. VIEWERS FROM ELORA RPTD TWO FUNNEL CLOUDS.	
14	17:20 SUDBURY	A LADY CALLED THE SUDBURY WEATHER OFFICE THAT HER SON IN WATERLOO NOTICED HIS HOUSE ROOF WAS TORN APART.	
14	C435	GREENISH TINGE TO CLOUD	NR AIRPORT 18:35
14	TIM ROACH 1920	GREENISH TINGE TO CLOUD PICKY NO WINDS HAIL. Huge Burge NOT-HOT RAIN	19:20 PICKERING

DATA BASE SUMMARY

POST REPORT
 FUNNEL CLOUDS / WATERSPOUTS
 part of GEORGINA HISTORICAL
 VILLAGE DESTROYED

FIELD REPORT LOCATION:

DATE	EVENT TIME	COUNTY LOCATION	CATEGORY	SCALE	SHOULD	PIX	DONE

Time?
 GEORGINA?
 ELAKE SIMCOE
 YORK
 COUNTY

SEVERE WEATHER LOG

DAY	LOCAL TIME		DETAILED DESCRIPTION	EVENT TIME	
	WATCHER ID			EVENT LOCALE	
14			WPS AUTOMATIC 1938664 (120 km/h)	18.28	LONG POINT
14	COAST GUARD		LINE OF 75MS (147km) WINDS EST - 90 MPH VERY HWY RAIN PORT REPORT: TREES DOWN IN AREA	1920-1930	PORT COLBORNE
14	HYDRO PROBLE		Spotted A Funnel cloud near Aylmer at 7 pm?	7 PM?	Aylmer
14	930 pm		relayed + storm Powassan 81 mm (nr YYB) most of rain falling between 6-7 pm	Since 5:30 pm	Powassan
14	A251		(Don Topps)		
14	7 pm		62.4 mm rain up to 7 pm	7 pm	
	Al Code YYB W04		possible damage 3E Bonfield (12 SSE YYB)		Bonfield
14			Country rd 45 outside Aylmer - buildings destroyed - power outages - tobacco kilns damaged		
	Tilsonburg radio station		- reports relayed by Ontario Hydro in Aylmer		Aylmer

-HYDRO LINE
DOWN
\$100 K
-most
damage near
the shore

DATA BASE SUMMARY

FIELD REPORT

[illegible]

