Possible Tornado
Leamington, Ontario
November 29, 1919

Date- Local: Saturday, November 29th, 1919
UTC: Monday, May 20th, 1996
Time- Local: 1900
UTC: 2300
Location: Leamington
Region: Windsor - Essex - Chatham - Kent
Classification: Possible Tornado
Category: -999
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
Spotter Reports: None
Other Documents:
Weather observation chart from Leamington Weather Station
Newark summary sheet

Tornado F-Scale Re-Assessment

Brad L. Rousseau
Tornado Data Production Assistant, Environment Canada
January 27th, 2011

Classification: Possible Tornado
Date: Saturday, November 29th, 1919
Location: Leamington, Windsor - Essex - Chatham – Kent Region

Original Assessment: F2
Re-Assessment: F1
F-Code: BS
Explanation of Assessment: Barns and Green houses blown down. No knowledge of building construction.

SJS

Summary Sheet

IDTO - ID Number	:691906
AUTH - Report Author	:
TYFU - Tornado Type & Fuji Code	:b2
TITL - Report Title or Location	:Leamington
PROV - Province	:Ontario
COUN - Counties	:Essex
REFS - References	:Weather log
ZOTO - Touchdown Zone Number & Easting	:17364100
NOTO - Touchdown Northing	:4656820
LOVA - Touchdown Error Value & Code	: 3000o
DADA - Date of Data Entry	:08/08/1990
ZOLO - Liftoff Zone Number & Easting	:
NOLO - Liftoff Northing	:
UPVA - Liftoff Error Value & Code	:
DEAD - Number of Fatalities	:
HURT - Number of People Injured	:
HERT - Injuries Code	:
DATA - Date of Tornado	:29/11/1919
DAVA - Date Error Value & Code	:
TITO - Time of Tornado	:1800
TIMR - Time Meridian	:75
TIVA - Time Error Value & Code	:30c
AXDA - Maximum Path Width	:
AXVA - Max. Path Width Error & Code	:
AVDA - Average Damage Width	:
AVVA - Avg. Damage Width Error & Code	:
SADA - Sample Damage Width	:
SAVA - Sample Damage Width Error & Code	:
INTO - Initials	:JAM
DFTO - Detailed Report Flag	:n
JUNK - PRDA & DIMO & DALE :	
CODA - Property Damage Code	:
MISC - ORDE,PICS_TYPE,PICS_AVAIL,COCO	: 9
MANY - Multiple Event Flag	:n

MEMO:Barns, greenhouses, trees, and wires blown down.

PHEN - Associated Phenomena	:P
TSHP - Townships	:Mersea

JAM, 08/08/1990

DAMAGING WIND NOV 29, 1919, ONT 691906

...y observers in correspondence with the Meteorological Office.

2/12/19

METEOROLOGICAL SERVICE OF CANADA.
CENTRAL OFFICE, TORONTO, ONT.

Register of Rain, Snow, Weather, Miscellaneous Phenomena, and Extremes of Temperature.

LEAMINGTON For the month of November 1919

Station Leamington County Essex Province Ontario Observer B. E. Ellis.

Day of Month	Maximum Thermometer Observed	Maximum Thermometer Corrected	Minimum Thermometer Observed	Minimum Thermometer Corrected	Range	General State of Weather Midnight to Noon	General State of Weather Noon to Midnight	Miscellaneous Phenomena and Time of Occurrence	Remarks
1	59 X		42			O. Wind North. rain a little.			winds
2	50		33			b.c. Wind. S.E.			n. 2
3	49		35			cloudy Wind S.E.			ne. 6
4	51		35			" rain forenoon turn cold traces of snow. Wind W			e. 0
5	39		32			b.c. Wind N.E.			se. 4
6	46		30			b.c. Wind. N.E.			s. 1
7	43		37			b.c. Wind. N.E.			sw. 7
8	42		37			O. Wind N.E.			w. 7
9	51		40			b.c. Wind N.E.			nw. 3
10	53		48			O. Wind S. Rain started 11 A.M.			c. 0
11	52		36			mostly clear. Wind S.W.			30
12	53		30			" " Wind West. High			
13	39		25			b.c. Wind West.			
14	40		23			b.c. Wind West.			
15	35		18			b.c. Wind S.W.			
16	50		35			b.c. Wind S.W.			
17	52		42			clear. Wind. W.			
18	47		30			b.c. Wind W. to N.W. traces of snow.			
19	33		25			clear Wind N. West.			
20	43		23			" Wind S.W.			
21	47		37			b.c. Wind S.W.			
22	45		37			b.c. Wind SW. Rain last night			
23	43		33			b.c. Wind W.			
24	45		28			b.c. Wind W. traces of snow 9 P.M. last night			
25	43		32			b.c. Wind N.W. Rain in morning.			
26	39		30			cloudy Wind N.			
27	31		25			O. Wind N. East			
28	37		24			O. Wind S.E. traces of snow turning warmer.			
29	54		29			cloudy Wind S.E. to S.W. Rain night and forenoon Hurrican			
30	43		22.			b.c. Wind S.W. strong all night and day.			
31									
Sums	1354		953		401				
Means	45.1		31.8		13.3				

The wind blew a hurricane starting about 6 P.M. on the 29th blowing down barns and greenhouse, trees and wires all through this section the worst known to this part of the county.

Mean 38.4

FORM 27.—*Used by observers in correspondence with the Meteorological Office.*

METEOROLOGICAL SERVICE OF CANADA.

CENTRAL OFFICE, TORONTO, ONT.

Register of Rain, Snow, Weather, Miscellaneous Phenomena, and Extremes of Temperature.

For the month of November 1919

Station Leamington *County* Essex *Province* Ontario – *Observer* B G E

Lat. 42° 3′
Long. 82° 38′
Height above Sea Level 660

Day	Rain: Time of beginning	Rain: Time of ending	Rain: Duration in hours	Snow: Time of beginning	Snow: Time of ending	Snow: Duration in hours	Depth at Morning Observation: Rain	Morning: Snow	Morning: Melted Snow	Morning: Total Precipitation	Depth at Evening Observation: Rain	Evening: Snow	Evening: Melted Snow	Evening: Total Precipitation	Sleighing	Total depth of Snow on ground
1	A little through day										.05					
2																
3																
4											traces of rain and snow					
5																
6																
7																
8																
9																
10	11 a.m.										.30					
11																
12																
13																
14																
15																
16																
17																
18											traces of snow					
19																
20																
21																
22	last night.										.15					
23																
24											traces of snow.					
25	rain in morning.										.07					
26																
27																
28											traces of snow					
29	last night and this forenoon.										.92			.92 ×		
30																
31																
SUMS											1.49 S					

(5) (4)