

Summary Sheet

IDTO - ID Number :691801  
 AUTH - Report Author :  
 TYFU - Tornado Type & Fuji Code :b2  
 TITL - Report Title or Location :Bowling Green to  
 Orangeville to Caledon  
 PROV - Province :Ontario  
 COUN - Counties :Dufferin/Peel  
 REFS - References :Drayton Advocate June  
 20, 1918 Orangeville Banner June 13,20, 1918  
 ZOTO - Touchdown Zone Number & Easting :17559320  
 NOTO - Touchdown Northing :4865530  
 LOVA - Touchdown Error Value & Code : 1000o  
 DADA - Date of Data Entry :08/08/1990  
 ZOLO - Liftoff Zone Number & Easting :17590000  
 NOLO - Liftoff Northing :4860000  
 UPVA - Liftoff Error Value & Code : 4500o  
 DEAD - Number of Fatalities :  
 HURT - Number of People Injured :  
 HERT - Injuries Code :  
 DATA - Date of Tornado :11/06/1918  
 DAVA - Date Error Value & Code :  
 TITO - Time of Tornado :2100  
 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 : 2  
 MANY - Multiple Event Flag :n

MEMO:Barns badly damaged, buildings on main street in  
 Orangeville badly damaged, trees twisted off at ground.

PHEN - Associated Phenomena :A  
 TSHP - Townships :Caledon/East  
 Garafraxa/Amaranth

JAM, 08/08/1990

B

1. DATE AND TIME TUE 11. 6. 1918 2200 LOCAL

2. LOCATION OR PATH (attach map)  
BOWLING GREEN - ORANGEVILLE - CALEDON  
(NW-SE)

3. PATH LENGTH  NOT KNOWN  <1mi;  1-4mi;  5-10mi;  11-50mi;  LENGTH IF > 50mi

4. PATH WIDTH  5. TORNADO PART OF SQUALL LINE?  YES;  NO;  UNKNOWN:

6. ANY UNUSUAL COLORATION?  YES;  NO;  UNKNOWN

7. ANY UNUSUAL SOUND?  YES;  NO;  UNKNOWN

8. IF ANSWER TO 6 OR 7 YES, ELABORATE;

9. LIST ANY ASSOCIATED PHENOMENA (Such as hail, vivid lightning heavy rain, no rain, etc.)  
HAIL.

10. TOTAL DAMAGE ESTIMATE \$ U 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS U

14. LIST ALL REFERENCES  
THE ADVOCATE, DAYTON. THUR JUNE 13, 20, 1918.  
THE BANNER, ORANGEVILLE. JUNE 13, 20, 1918.

15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.

(a) none

(b) Barns badly damaged. Business buildings on Broadway in Orangeville badly damaged, including the brick store of Hill and Company. Trees twisted off at the ground (some a foot in diameter)



THE ADVOCATE, DRAYTON. Thurs June 20 1918.

STORM DATE: Tuesday June 11 1918

#### News Topics of the Week

Considerable damage was done by the storm of tuesday night at Orangeville, Niagara Camp, and elsewhere.

#### HOLLEN

During the heavy storm of last week Charlie was making his way home from Drayton on foot and decided to take refuge in the big culvert that spans the Murray Creek. Presently the rain descended and the floods came and swept Charlie out of the lower end in a most pitiable condition

THE BANNER, ORANGEVILLE. June 13 1918, p3.

STORM DATE: Tuesday June 11 1918. 10.00pm local.

#### CYCLONE HITS ORANGEVILLE

Terrific Electric storm did serious damage tuesday night. Buildings unroofed trees twisted off, glass fronts blown in, electric systems out of commission.

Orangeville was visited by one of the worst electric storms in its history about 10 o'clock on tuesday night. In places the wind assumed cyclonic proportions and did very serious damage. The south side of the business part of Broadway suffered most severely. A section of roof 24 ft in width by nearly 60 ft in length was lifted off the back part of J.E.Smith and companies implement ware rooms, turned upside down and deposited in the Queen's Hotel yard. Part of the heavy roof fell on the roof of the Queens kitchen, crushing it in and causing considerable damage. The unroofed portion of Smith and Company's building was used as a storage room for buggies, cutters, pianos and other stock. A number of buggies were broken by the falling debris and everything was soaked by the rain which fell in torrents for a full half hour. Part of the roof was lifted off the front of J.H.Hulse's dwelling house and undertaking rooms. The wind carried the roof to the rear of George Flemming's residence to the east. In its flight the mass struck a chimney on the back of Mr Flemming's dwelling, causing it to fall. The chimney crashed through the roof of a back kitchen, making a sorry mess of the interior. Serious damage was sustained by Mr Hulse from the rain, which came through the opening in the roof and flooded the greater part of the house. The storm blew in the brick front top on the front of Hill and Company's store. The mass crashed through the roof and also sprang the ceiling of the store below. A large quantity of wool which was stored on the upper floor of the building, broke the force of the falling brick, otherwise the mass would probably have gone right through to the cellar.

The plate glass was blown out of one of the front doors of the store and a window at the rear was blown in. A chimney collapsed and came down through the roof on the back room of Dr W.H.Bowles dental office. The plate glass front of George McIntyre's office near the post office was blown in. A large window in the front of Fuller, Allen and Holmes

CYCLONE HITS ORANGEVILLE.....CONT

SHOP SUFFERED A SIMILAR FATE. The fire hall smokestack had a narrow escape. Two of the guy supports gave way under the terrific strain, and the upper part of the stack was shifted 2 or 3 feet out of place.

Further east on Broadway a section of roof about 20 feet square was lifted off the south end of the Hotel Alexandra stables. The egg warehouse was partly unroofed, and the blowpipe leading from Armstrong and Robinson's boundary to the molding shop was demolished.

The cyclone seems to have crossed the town in a southeasterly direction. Mrs Writer's dwelling house in the west ward was partly unroofed, some trees were twisted off on Zinna and Bythia streets and fences around the properties of Joseph J Kelly, J.W. Aiken were levelled to the ground. A section of the north end wall of T.J. Robinson's livery barn was wrecked, leaving a hole 12 or 15 feet either way in the upper storey. ~~XXXXXX~~ It is thought the damage here was done by lightning, as the wall was strongly built and would have withstood the wind. Windows in the frame buildings east of the livery barn fared badly and looked yesterday morning as if they had been through an artillery engagement. The tops were twisted off a couple of maples on Dr Rooney's grounds on John St. A number of trees on Mill and Church Streets were similarly destroyed. Lawns everywhere were strewn with branches and other wreckage. The storm worked havoc with electric light and telephone wires. The hydro and Deagle systems were both put out of commission, and electric power users were compelled to shut down yesterday or else devise some other method of getting along.

It is impossible as yet to get any accurate estimate of the losses, which will aggregate a very considerable amount. J.E. Smith and Company are the heaviest losers. Hill and Company's loss will also be considerable. Unfortunately the ordinary insurance policies do not provide for the loss from windstorm, which means that the loss is a much more serious matter for those affected.

Since writing the above we learn that Ed Leeson's dwelling house in the west ward is partially unroofed. The roof was carried a distance of 50 yards and deposited in a vacant lot. A maple tree about a foot in diameter, was twisted off at the ground on A Walker's lawn on Zinna St. The street east and just north of the county buildings is blocked by fallen trees. The trees along Zinna St suffered badly. A chimney on Joseph J Kelly's house was blown over and a porch ~~XX~~ at the front of A Robinson's dwelling was partly wrecked. Several panes of glass were smashed in the west side of St Andrew's Church,

In the country hundreds of rods of fences were levelled. Near Laurel William Gray's Barn was unroofed and one end of the building blown in. Windows in Mr Gray's house were shattered as well. We understand that W.A. Hansford's barn lot 15, con 5 east Caledon, was levelled to the foundation. There was considerable hail when the storm first broke. The lightning was vivid and almost continuous.

THE BANNER, ORANGEVILLE. June 13 1918, p7.

STORM DATE: Tuesday June 11 1918, 10.00pm local.

Local News

G Torrance and W.C.Watson, Caledon farmers had their barns unroofed tuesday night. A driving shed belonging to Thos A Bracken, of Caledon was wrecked.

THE BANNER, ORANGEVILLE. June 20 1918, p1.

STORM DATE: Tuesday June 11 ~~1918~~ 1918.

Local News

During the storm a week ago tuesday night the roof of Harry Whaley's barn near Bowling Green was lifted off. The west end of the barn was also blown in.

THE LISTOWEL BANNER, THURSDAY AUGUST 1ST, 1918.

STORM DATE. MON. JULY 29TH, 1918.

SILO BLOWN DOWN.

A silo on the farm of MR. ED. HAMILTON, MITCHELL GRAVEL, was blown down during the big storm on Monday. It was newly erected last season.

THE GLOBE TORONTO, THURS. AUG 8 1918.

STORM DATE: "JUST AFTER MIDNIGHT." WED. AUG. 7 1918.

### HEAVY STORM HITS KING TOWNSHIP

#### Wind and Rain, Alternating for Two Hours, Strip Many Trees

Newmarket, Aug. 7.—Considerable damage was suffered by fruit trees in King township this morning, when this section of the county was swept by a severe rain and wind storm, accompanied by heavy thunder and lightning. For two hours, starting just after midnight, wind and rain alternated, both contributing in a very great measure to the stripping of many of the trees. Otherwise no damage was done by wind or lightning, the rainfall serving to cool the atmosphere slightly, although the temperature seemed to mount very high again in the afternoon.



THE GLOBE, TORONTO, MONDAY AUGUST 12TH, 1918.

STORM DATE. AUG. 1918.

STORM CAUSES GREAT DAMAGE.

BARN, SILOS AND MANY TREES DESTROYED NEAR CORNWALL.

(Canadian Press Despatch).

CORNWALL, ONT. AUG. 11. Additional particulars of the damage wrought by the big electrical and wind storm which passed over this section were made available when farmers from different parts of the district were in town attending the meeting of the Cheese Board.

THOMAS DYER, on the river front, SUMMERSTOWN, lost a barn and twenty tons of hay, the barn being burned to the ground. MR. DYER also lost some implements. The cattle had just been let out or his loss might have been much greater.

Silos were destroyed at several places. JOHN KENNEDY'S barn at TINKISS' CROSSING was blown down.

East of AVONMORE MRS. HUGH M. CAMPBELL'S house was struck by lightning and the members of the family felt the severity of the flash, but no fire resulted.

300 MAPLE TREES UPROOTED.

About 300 maple trees in the bush of R. A. SHEARER, just west of CORNWALL, were uprooted or more or less damaged, fifty trees belonging to MISS VIOLA GROVES and about one and a half acres of bush owned by ROBERT MULLIN, both in CORNWALL CENTRE, were levelled as though cut by an axe. On the JAMES ROBERTSON farm north of MILLEROCHE, about 100 trees in the sugar bush were uprooted. In the pasture adjoining were twenty-five head of cattle, but none was injured.

A large limb was smashed off a tree on the farm of P. A. NOLAN, about two and one half miles east of CORNWALL. The limb was carried about a quarter of a mile by the force of the gale. MR. NOLAN asserts that no two men could lift it.

Great damage was done to grain and heavy corn in the path of the storm, both by wind and hail.

STORM, WOODSTOCK AREA, ONT.

THE GLOBE, TORONTO, SATURDAY AUGUST 10TH, 1918.

STORM DATE. "LATE LAST NIGHT" THURS. AUG. 8TH, 1918.

TERRIFIC RAIN AND LIGHTNING.

RODS SAVED FARMER'S BARN AND DWELLING; GRAIN AND CORN LEVELLED.

(Special Despatch to The Globe)

WOODSTOCK, AUG. 9. Late last night quite a terrific rainstorm visited WOODSTOCK and vicinity. It was particularly severe around HICKSON and TAVISTOCK, where several trees were blown down, grain was levelled and a number of buildings were struck by lightning. The rain descended in blinding torrents and in some places the water rose three to four inches in a very short time. Trees were uprooted in the orchards of WILFRED CARF and W.E. WEBBER, who reside north of HICKSON.

G.P. ROWE'S barn was struck and the globe on the lightning rod was broken, but the bolt was transmitted to the ground. His house was also struck, but again the lightning went down the lightning rod to the ground. E.T. ROWE'S barn suffered similarly.

Besides the grain the taller corn was flattened,

WINDSTORM, WOODSTOCK ONTARIO.

THE GLOBE, TORONTO, MONDAY APRIL 5TH. 1920.

STORM DATE. FRI. APRIL 2ND. 1920.

JAIL WALL BLOWN DOWN, .NONE HURT NONE ESCAPE.

WOODSTOCK, APRIL 4. The high wind of Good Friday wrought considerable havoc with the east wall of the local jail. This morning the eastern section was flat on the ground, a mass of ruins. Fortunately, no one was in the vicinity, and the prisoners were safely ensconced in the jail.

SEVERE STORM: PORT HOPE, ONT.

THE GLOBE, TORONTO, MONDAY AUGUST 12TH. 1918.

STORM DATE. TWO STORMS, P.M., SUN. AUG. 11TH. 1918.

SEVERE STORM AT PORT HOPE.

FACTORY ROOFS BLOWN OFF AND MUCH DAMAGE DONE.

(Special Despatch to The Globe)

PORT HOPE, AUG. 11. PORT HOPE was visited by two severe electrical storms this afternoon, the second being exceptionally heavy, with torrents of rain and hail. The PORT HOPE SANITARY FACTORY, at the lake front, suffered several thousand dollars damage. The roof of the drafting room and the roof of the new foundry were blown off, the latter alighting on the store room roof and smashing it in. The sprinkling system in each department was broken, and much damage was done by flooding. Part of the roof of the BRANDON SHELL FACTORY, was blown off, and nearly all the windows in the west side smashed.

THE BOLTON ENTERPRISE, FRIDAY AUGUST 16TH. 1918.

STORM DATE. JUST BEFORE 6 P.M., TUES. AUG. 13TH. 1918.

A thunderstorm at BOLTON just before 6 p.m. Many trees blown over, chimneys knocked off and windows broken; some hail.

The MAIN HALL at the FAIR GROUNDS levelled; part of roof taken from WALSHAW'S MILL; several windows blown in on MAIN STREET. Was of short duration.

Barns unroofed: T.D. ELLIOTT, WILLIAM SHEARDOWN of the 10TH. of KING, and W.J. McALISTER of VAUGHAN.

THE GLOBE, TORONTO, FRIDAY AUGUST 16TH. 1918.

STORM DATE. THURS. AUG. 15TH. 1918.

TERRIBLE STORM AT BEAVERTON.

LIGHT AND TELEPHONE SERVICE INTERRUPTED AND MUCH DAMAGE DONE.

(Special Despatch to The Globe)

BEAVERTON, AUG. 15. A terrible thunderstorm accompanied by violent wind and hail struck this village and vicinity, doing much damage to property and standing grain. Many trees were blown down, some of them falling across the electric and telephone wires. As a consequence the town was without light or telephone service all night. The windows of ST. ANDREWS CHURCH and of many private dwellings suffered severely from the wind and hail. All awnings that happened to be down were torn into bits. One summer kitchen was thrown completely over, but fortunately no one was in that portion of the house at the time. Many barns were unroofed and one completely demolished.

# Some High Wind Velocities Recorded at Toronto, Ont. (or vicinity)

From "Wind Abstract", an old ledger held by Ont. Climat Centre

March 2., 1914	Some gusts blew at 80 and 96 miles per hour
November 29, 1919	do 78 miles per hour
January 14, 1918	Gales 60 miles per hour, very heavy squalls.
March 7, 1913	do 70 do
November 9, 1913	Great loss of life and Shipping on Great La Wind 65 miles per hour, Some very heavy squa
October 13, 1893	Maximum velocities registered from 52-57 miles per hour, some gusts blew at from 70 to 80 miles
July 11, 1888	violent gales levelling trees and telegraph poles, reported all around Toronto.
November 11, 1883	Heavy squalls blew at rate of 75 miles per hour
April 18, 1880	Gales in the Lake Region blowing 65 miles per hour
December 4, 1873	Wind shifted from South to West and blew a perfect hurricane.
August 21, 1918	Very high wind, much damage reported.
August 2, 1902	A severe cyclone passed over Lake Ontario doing considerable damage at St Catharines; Homes and farm property destroyed.
October 1 <sup>st</sup> 1920	Gusts blew at 48 miles per hour (1 to 2 am)
" 27 <sup>th</sup> 1920	do 55 " " " Hour ending 10 p
" 27 <sup>th</sup> 1920 (5 min)	do 48 " " " do Midday
November 22 <sup>nd</sup> 1920	do 60 " " " do noon + 01
December 15 <sup>th</sup> 1920	do 48 " " " do 5 am
December 18 <sup>th</sup> 1921	" 72 " " " (5 min) " 8 am
January 22 <sup>nd</sup> 1922	gusts 60 mph.
Jan 16 <sup>th</sup> 1922	
Feb 14 <sup>th</sup> 1923	" 60 " " (5 min)
March 16 <sup>th</sup> 1923	
June 25 <sup>th</sup> 1923	" 60 " " (5 min)
Feb 19 <sup>th</sup> 1924	" 52 " in 1 hour 10 to 11 pm
Jan 28 <sup>th</sup> 1926 <sup>30 mph now in use</sup>	" 43 " " 7 to 8 am
Mar 31 <sup>st</sup> 1926	" 39 " " 4-6 am
Aug 21 <sup>st</sup> 1926	" 39 " in one hour 2-3 am
Dec 5 <sup>th</sup> 1926	" 47 " " 8-9 am
Jan 30 <sup>th</sup> 1927	" 36 " in two hour 2-3, 3-4 pm
Feb 3 <sup>rd</sup> 1927	" 40 " " 7-8-9 pm
Dec 15 <sup>th</sup> 1927	" 43 " " one hour 5-6 pm