C

TORNADO PROJECT SUMMARY SHEET

F=0 plotted ONT

1. DATE AND TIME 21.7.1858 1400 LOCAL

2. LOCATION OR PATH (attach map)

WHITBY

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

4. PATH WIDTH UNKNOWN 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.) gooseberry sized hail which killed a number of fowl.

10. TOTAL DAMAGE ESTIMATE $ UNKNOWN 11. TOTAL DEATHS 5 cattle

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES

CHRONICLE, JULY 31 1858.

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

(a) NO remarks

(b) Trees by the hundreds uprooted and a number of cattle killed by the falling trees. A GTR freight car blown off the tracks. Huge elms wrenched up and twisted like saplings. The schooner Defiance, had both masts blown over the side.


Toronto
Mississauga
Hamilton
Oakville
Burlington
Brampton
Kitchener
Waterloo
Guelph
Stratford
Woodstock
Brantford
St. Thomas
Owen Sound
Barrie
Orillia
Midland
Penetanguishene
Collingwood
Meaford
Wiarton
Southampton
Port Elgin
Goderich
Kincardine
Walkerton
Hanover
Durham
Chesley
Paisley
Underwood
Newmarket
Aurora
Richmond Hill
Markham
Whitby
Oshawa
Ajax
Pickering
Lindsay
Peterborough
Cobourg
Port Hope
Bowmanville
Newcastle
Belleville
Trenton
Napanee
Kingston
Gananoque
Brockville
Prescott
Cornwall
Ottawa
Pembroke
Renfrew
Arnprior
Carleton Place
Almonte
Perth
Smiths Falls
Brockville
Gananoque
Kingston
Deseronto
Picton
Bloomfield
Wellington
Prince Edward
Sandbanks Prov. Park
Presqu'ile Prov. Park
Rice Lake
Bobcaygeon
Lindsay
Fenelon Falls
Kirkfield
Coboconk
Minden
Haliburton
Dorset
Huntsville
Bracebridge
Gravenhurst
Muskoka Beach
Port Carling
Baysville
Dwight
Parry Sound
Depot Harbour
Killbear Provincial Park
Georgian Bay Islands Nat'l Park
Flowerpot I.
Bears Rump Island
Cyprus Lake Prov. Park
Bruce Trail
Cabot Head
Cape Chin
Cape Croker
Hay Island
Griffith Island
White Cloud I.
Cape Commodore
Cape Rich
Camp Meaford Tank Range
Christian Island
Beckwith I.
Giants Tomb I.
Hope I.
Beausoleil I.
Fox I.
Moon I.
Sandy I.
Penny Island
Thirty Thousand Islands
Manitou Dock
Moon River
Six Mile Lake Prov. Park
Wasaga Beach Prov. Park
Craigleith Prov. Park
Devils Glen Prov. Park
Springwater Prov. Park
Earl Rowe Prov. Park
Mara Prov. Park
Bass Lake Prov. Park
Sibbald Point Prov. Park
Georgina Island
Thoran
Simcoe
Port Dover
Port Ryerse
Turkey Point
Turkey Point Prov. Park
Long Point
Long Point Prov. Park
Clear Creek
Long Point Park
Port Burwell
Port Bruce
Port Bruce Prov. Park
Iroquois Beach Prov. Park
Port Stanley
Port Talbot
Port Rowan
St. Williams
Vittoria
Normandale
Langton
Lake Erie
Peacock Point
Selkirk Prov. Park
Rock Point Prov. Park
Grant Point
Port Colborne
Crystal Beach
Welland
Fort Erie
Niagara Falls
Niagara-on-the-Lake
St. Catharines
Grimsby
Thorold
Lockport
North Tonawanda
Buffalo
Lackawanna
East Aurora
Hamburg
Holland
Silver Creek
Dunkirk
Fredonia
Gowanda
Springville
Cattaraugus
Little Valley
Great Valley
Sinclairville
Conewango Valley
Westfield
Barcelona
North East
Ripley
Mayville
Chautauqua Lake
Erie
Canada
United States
New York
Ontario
Lake Erie
Lake Ontario
Niagara River
Welland Canal
Queen Elizabeth Way
To Cleveland
To Jamestown
To Salamanca
To Auburn
To Olean
Shell
Oakville Refinery
1867

JUNE 15 1858

REMARKABLE SIGHT—DESCENT OF A BOLT OF FIRE.—The N. Y. *Journal* states that while the New York and Worcester train, connecting with the steamer *Commonwealth*, was passing Natick yesterday morning, a ball of lightning as large as the two fists of a man, descended, ran along the telegraph wire, and exploded with a report as loud as a cannon. The wire was consumed, and the posts within a space of half a mile were shivered from top to bottom. The passengers on the train were greatly alarmed, as the ball of fire was all the time in sight, and the explosion seemed as if beneath the cars. Had the train been under the wire it must have been struck. June 15

HURRICANE YESTERDAY.

A violent hurricane passed over Whitby about noon yesterday, doing considerable damage both in the town and neighborhood. Its force appears to have been confined within a narrow range; but its effects there were left visible in the condition of the grain crops, which had been blown almost completely to the ground. In some places, bodies of timber were levelled with the ground—huge elms having been wrenched up and twisted like saplings. On the Grand Trunk Railway, near the town, a freight car was blown off the rails. Our informant had not heard of any loss of life from the occurrence.

WHITBY, July 21, 2 P.M.

A frightful hail storm passed over Whitby, doing immense injury to the crops. Potatoes and all kinds of garden crops are laid level with the ground. Several barns blown down. The roof of a warehouse blown off, a great quantity of lumber blown away, and a schooner (Defiance), in the harbor, had both masts blown over her side, close to the deck. Some houses had two hundred panes of glass broken, and an immense quantity was otherwise broken all over the town. The hail was very large—about the size of marbles—and continued an hour.

JULY 31 1858

The *Chronicle* says that the ill effects of the late hail-storm at Whitby have by no means been under-rated. On many farms scarcely a vestige of the growing crops—grain or roots—remain. The storm seems to have come from the eastern end of Lake Simcoe to Port Whitby, varying in width in its course from five miles to half a mile. Along its course the grain has been made stubble, and in the woods the trees have been twisted up from the roots by hundreds. Not a garden in or about Whitby has wholly escaped, and many have been totally destroyed. Mr. John Clerke, of Pickering; Mr. James Mitchell, 5th con.; Mr. W. Gordon, at the Bay; Mr. John Dow, Wm. Rundle, Mr. Haystead, and others, are heavy sufferers. Three valuable well-bred cows, belonging to Mr. Mitchell, were killed in the woods by the falling trees, as were also two calves, and others had a miraculous escape, for nearly the whole of the heavy timbers on fifteen acres of wood was swept down. When the storm began, 65 head of cattle and 13 horses belonging to Mr. Dow were in the woods, and fortunately they at once took to their heels and made for the open fields; for it is said that more than 1,000 trees were completely uprooted in the space of about fifteen minutes. In the town some buildings that were struck were blown over, and others were unroofed. Scarcely a building escaped with whole glass windows. The glaziers have since had a busy time of it. In the town there must have been no less than 5,000 panes of glass broken. The hailstones were very large, the size of good-sized gooseberries, and killed numbers of fowl in their descent.

31 July 1858