NOT PLOTTED

A

TORNADO PROJECT SUMMARY SHEET

F=0 ONT

1. DATE AND TIME 18.8.1862 1600 LOCAL

2. LOCATION OR PATH (attach map) BURLINGTON BAY (began on the hill just above Cook's wharf.)

3. PATH LENGTH ☐ NOT KNOWN ☐ <1 mi; ☑ 2 1-4 mi; ☐ 5-10 mi; ☐ 11-50 mi; ☐ LENGTH IF >50 mi

4. PATH WIDTH 15 feet 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; (6) dark and heavy in colour

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

10. TOTAL DAMAGE ESTIMATE $ UNKNOWN 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES

ORANGEVILLE SUN. THURSDAY SEPT 4 1862

DAILY SPECTATOR AND JOURNAL OF COMMERCE, HAMILTON AUG 19, 20, 21 1862

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

(a) A huge column of water was raised towards cloud of a peculiar shape, and dark and heavy in colour, whil all around, its water was tossing to and fro, and its waves dashed upwards about 7 or 8 feet. Its course inclined toward the shore and its heavy body of water soon struck the bank and collapsed but the whirlwind continued on its course in a straight line... it then proceeded through a cornfield, making a passage about 15 feet wide and twisting the cornstalks into round little clumps. An eyewitness said "I saw in a very black looking cloud, a well defined circle with a small centre. The centre became elongated assuming the shape of a funnel."

(b) fences levelled, crops flattened and the roof taken of a barn.


Toronto
Mississauga
Hamilton
Oshawa
Kitchener
Waterloo
Guelph
Brampton
Oakville
Burlington
Barrie
Orillia
Owen Sound
Midland
Parry Sound
Huntsville
Bracebridge
Gravenhurst
Collingwood
Wasaga Beach
Newmarket
Aurora
Richmond Hill
Whitby
Ajax
Bay Ridges
Georgetown
Milton
Port Credit
Stratford
Woodstock
Brantford
St. Thomas
Galt
Preston
Hespeler
Ayr
Paris
Tillsonburg
Simcoe
Port Dover
Port Ryerse
Turkey Point
Long Point
Peacock Point
Selkirk
Rock Point
Grant Point
Port Colborne
Welland
Fort Erie
Niagara Falls
St. Catharines
Niagara-on-the-Lake
Grimsby
Beamsville
Jordan
Thorold
Lockport
North Tonawanda
Buffalo
Lackawanna
Hamburg
East Aurora
Lancaster
Holland
Silver Creek
Dunkirk
Fredonia
Gowanda
Springville
Cattaraugus
Little Valley
Great Valley
Sinclairville
Conewango Valley
Westfield
Barcelona
North East
Ripley
Mayville
Erie
Lake Erie
Chautauqua Lake
Penn.
N.Y.
Canada
United States
New York
Ontario
Niagara Thruway
Queen Elizabeth Way
Lake Ontario
Georgian Bay
Cape Croker
Cape Chin
Cape Commodore
Cape Rich
Bruce Trail
Cabot Head
Flowerpot I.
Bears Rump Island
Fathom Five Nat'l Park
Cyprus Lake Prov. Park
Thirty Thousand Islands
Moon I.
Manitou Dock
Moon River
Killbear Provincial Park
Oastler Lake Prov. Park
Arrowhead Prov. Park
Sturgeon Bay Provincial Park
Pointe au Baril Station
Six Mile Lake Prov. Park
Bass Lake Prov. Park
Mara Prov. Park
Sibbald Point Prov. Park
Earl Rowe Prov. Park
Craigleith Prov. Park
Wasaga Beach Prov. Park
Devils Glen Prov. Park
Springwater Prov. Park
Georgian Bay Islands Nat'l Park
Sauble Falls Prov. Park
Port Bruce Prov. Park
Turkey Point Prov. Park
Rock Point Prov. Park
Selkirk Prov. Park
Long Point Prov. Park
Camp Borden Military Reserve
Camp Meaford Tank Range
Ontario Place
Niagara Falls
Chippawa
Fort Erie
Port Colborne
Welland
Dunnville
Caledonia
Cayuga
Simcoe
Tillsonburg
Woodstock
Ingersoll
Thamesford
Dorchester
Mossley
Belmont
Glanworth
Talbotville
Port Stanley
Port Burwell
Port Bruce
Iroquois Beach Prov. Park
Pinery Prov. Park
Clear Creek
Long Point Park
Long Point
Turkey Point Prov. Park
Port Rowan
St. Williams
Walsingham
Vittoria
Port Dover
Peacock Point
Selkirk Prov. Park
Rock Point Prov. Park
Grant Point
Long Beach
Crystal Beach
Fort Erie
Chippawa
Niagara Falls
Niagara
Allanburg
Fonthill
Fenwick
Welland
Wainfleet
Port Maitland
Lowbanks
Nanticoke
Hagersville
Canfield
Caledonia
Oneida
Onondaga
Brantford
Burford
Paris
Ancaster
Dundas
Hamilton
Stoney Creek
Grimsby
Beamsville
Vineland
Jordan
Thorold
St. Catharines
Niagara-on-the-Lake
Queenston
Youngstown
Lewiston

THE DAILY SPECTATOR AND JOURNAL OF COMMERCE AUGUST 19 1862.Hamilton.
STORM DATE: August 18 1862

A WATERSPOUT. / A singular phenomenon was observed in the northeastern part of the sky yesterday afternoon between 4 and 5 o'clock which was nothing less than a huge waterspout. At the first sight the water might have been seen falling from it when it suddenly collapsed and drew up towards the sky.

THE DAILY SPECTATOR AND JOURNAL OF COMMERCE

AUGUST 20 1862

Daily Spectator.

THE WATER SPOUT.—The water spout which we briefly noticed yesterday as occurring in the Bay, was rather a unique concern in this part of the continent, for we believe there has been not only no prototype here within the memory of the "oldest inhabitant," but indeed no instance of such a phenomenon on such a small sheet of water as Burlington Bay. We are indebted to an eye-witness for an account of its progress. When first seen it appeared to be near the Hospital, about 100 yards from the shore, and the first impression of our informant was that a steamer had taken fire near the bank (which at this place rises to a considerable height) for there seemed to be a noise as of the blowing off of steam, and the atmosphere appeared to be filled with smoke. On approaching the bank, he discovered the nature of the phenomenon, which then presented a singular appearance. A huge column of water was raised towards a cloud of a peculiar shape, and dark and heavy in color, while all around the water was tossing to and fro and the waves dashed upwards about seven or eight feet. Its course inclined towards the shore, and the heavy body of water soon struck the bank and collapsed, but the whirlwind continued on its course in a straight line, carrying with it all sorts of rubbish. It then proceeded through a cornfield, making a passage about fifteen feet wide, and twisting the cornstalks into round little clumps in its progress. Passing over a ravine, it again touched the water, but soon reached the bank, injuring fences and the growing crops. The first real obstruction which it met was the barn belonging to Mr. Wyllie. A waggon was unloading grain as it approached, but the teamster, noticing the unusual and threatening object approaching, backed his team out and escaped in time. The whirlwind came on, entered the open door, and the next thing the observer saw was the roof of the barn rising in the air, like a balloon, to the height of about 100 feet. The roof was carried in this manner nearly 300 yards, when it split in four pieces, and fell to the ground. It is rather singular that none of the grain, with which the barn was filled, was touched. The aerial phenomenon then proceeded over an open space until it reached a clump of trees, on the farm of Mr. Harvey, where it seems to have spent its force, for it was not seen to emerge therefrom. The whole distance travelled was about a mile and a half, and its rate of progression about six miles an hour. It is certainly one of the most singular phenomena that has occurred in this section, and is deserving the attention of naturalists.

DAILY SPECTATOR AND JOURNAL OF COMMERCE

AUG 21 1862.

Daily Spectator.

POLICE INTELLIGENCE.

Geo. H. Armstrong, Esq., Presiding Magistrate.

WEDNESDAY, Aug. 20.

DRUNK.

Owen Kennedy, Elizabeth Breston, and Michael Welsh, were charged by the Police with being drunk on the street. They were admonished and discharged.

[To the Editor of the Spectator.]

SIR,—I have read your account of the Waterspout of Monday last with interest, as I happened to be an eye witness from the middle of the bay of the extraordinary movements of this novel visitor.

As it is desirable that all the phenomena attending it should be made public, on account of its dangerous effects, I may mention that I must have observed it before your informant. I first saw, in a very black looking cloud, a well defined circle, with a small centre, which I should say must correspond to with what sailors call an "ox eye," and which, in the tropics, is the sure precursor of a typhoon.

The centre became elongated, assuming the shape of a funnel or lower part of a balloon. I almost immediately first saw its effects on the hill just above Cook's Wharf, where it raised a cloud of dust, which apparently followed it until it passed over to the bay, where your informant first saw it, and when all the effects described by him were distinctly visible. Just before it disappeared from view in the woods, which jut out into the bay, I saw large fragments, which were no doubt portions of the barn referred to carried up in the air like bits of paper.

When I first discovered the Waterspout passing near me, the wind fell to almost a dead calm, the heat increased, and very large drops of rain fell, followed by a partial shower.

From the appearance of the sky afterwards, towards the south-east, they must have had a heavy fall of rain in that quarter, while here the weather became clear and cool, with a pleasant breeze.

G. W. R.

ACKNOWLEDGEMENT.—We have to thank Messrs. Bruce & Murray for a present of very fine grapes, of the *Cassis Musk*, and *Black Hamborough* kinds. We understand the vineries of Messrs Bruce & Murray have been exceedingly productive this season, and that they have a large number of grapes to dispose of.

☞ The weather yesterday was hot and sultry in the early part of the day, but in the afternoon a slight thunderstorm passed over the city, which cooled the atmosphere, and rendered it pleasanter.

THE HAMILTON SPECTATOR IN THE ORANGEVILLE SUN. THURSDAY SEPTEMBER 4TH. 1862.

STORM DATE. AUG 18 1862

(1)

CURIOUS PHENOMENA.

WATERSPOUT IN BURLINGTON BAY.

The waterspout which was briefly noticed yesterday as occurring in the bay, was rather a unique concern to this part of the continent, for we believe there has been not only no prototype here within the memory of the "oldest inhabitant", but indeed no instance of such a phenomena on such a small sheet of water as BURLINGTON BAY. We are indebted to an eyewitness for an account of its progress. When first seen it appeared to be near the HOSPITAL, about 100 yards from the shore, and the first impression of our informant was that a steamer had taken fire near the bank, (which at this place rises to a considerable height) for there seemed to be a noise as the blowing off of steam, and the atmosphere appeared to be filled with smoke.

On approaching the bank he discovered the nature of the phenomenon, which then presented a singular appearance. A huge column of water was raised towards cloud of a peculiar shape, and dark and heavy in colour, while all around, the water was tossing to and fro, and the waves dashed upwards about 7 or 8 feet. Its course inclined toward the shore and the heavy body of water soon struck the bank and collapsed, but the whirlwind continued on its course in a straight line, carrying within it all sorts of rubbish. It then proceeded through a cornfield, making a passage about 15 feet wide and twisting the cornstalks into round little clumps in its progress.

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The aerial phenomena then proceeded over an open space until it reached a clump of trees, on the farm of Mr. HARVEY, where it seems to have spent its force for it was not seen to emerge therefrom. The whole

CONTINUATION. BURLINGTON BAY WATERSPOUTS. 1862.

distance travelled was about 1½ miles and its rate of progress about 6mph. It is certainly one of the most singular phenomena that has occurred in this section and is deserving the attention of?

The remainder of this account was missing: probably one line. Also the newspaper source: probably the HAMILTON SPECTATOR.