B

TORNADO PROJECT SUMMARY SHEET

F=1 plotted ONT

1. DATE AND TIME 18·6·1882 1600 LOCAL

2. LOCATION OR PATH (attach map)
(1) SAUGEEN TO 1/2 MI SOUTH OF PRESQUE'ISLE
(2) A FEW MILES EAST OF KINCARDINE

3. PATH LENGTH ☐ NOT KNOWN ☐ <1 mi; ☐ 1-4 mi; ☐ 5-10 mi; (1) [35] 11-50 mi; ☐ LENGTH IF >50 mi

4. PATH WIDTH (1) [200 YDS] 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.)
A TORNADO THAT STRUCK SAGINAW COUNTY MICH MOVED RAPIDLY EAST OUT OVER LK HURON AS 2 DISTINCT WATER-SPOUTS WIND VELOCITY ESTIMATED 75 MPH (ANEMOMETER TWISTED OUT OF SHAPE)

10. TOTAL DAMAGE ESTIMATE $UNKNOWN 11. TOTAL DEATHS SEVERAL HORSES AND CATTLE.

12. TOTAL INJURED NONE 13. TOTAL HOMELESS UNKNOWN

14. LIST ALL REFERENCES
MONTHLY WEATHER REVIEW JUNE 1882, METEOROLOGICAL SERVICE, DOMINION OF CANADA.

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

(a) NO REMARKS

(b) (1) At least 17 houses, barns and stables demolished. Cattle and horses killed by falling trees and debris from buildings. The anemometer of the weather observer at Presqu'isle (about 1/2 miles away from the storm) was twisted out of shape by the force of the wind.

(2) East of Kincardine, barns unroofed and fruit trees destroyed.

purchased for 75c at the office of the Sun Times in Owen Sound.



METEOROLOGICAL SERVICE, DOMINION OF CANADA.

MONTHLY WEATHER REVIEW.

JUNE 1882.

STORM DATE .SUNDAY JUNE 18TH. 1882 at about 4PM.

On the 17th. an area of low pressure was forming over the North-West states, and the next morning, as the depression started Eastward, all stations on the GEORGIAN BAY and LAKE HURON were warned to expect a moderate gale from the East, winds to shift round by South; and at the same time all LAKE ERIE and ONTARIO stations were warned to expect a moderate gale from the Eastward. During the 18th. the depression moved Eastward across the LAKES, and during the afternoon and night of that day and morning of the next a strong gale prevailed on GEORGIAN BAY, the highest winds coming with a thunderstorm and were apparently not of long duration, being mostly from the South-East by South to North_West. Our agent at PRESQU'ISLE reports a fearful gale, he says"A most destructive cyclone passed over this section of countryxx on Sunday, 18th. about 4pm., accompanied by thunder and lightning and rain. The actual width of the cyclone extended about 200 yards, but there was a heavy gale outside of it for some miles, increasing in force on each side towards the cyclone. Not a building, tree, fence or even stump inthe fields withstood the force, everything levelled to the ground. I have report of 17 houses, barns and stables down within 6 miles of here. It came in the direction of SAUGEEN to here and must have done great damage South-West of my information. Fortunately, it passed into the Bay half a mile South of this village" " Several horses and cattle are reported killed by falling trees and buildings." The velocity of the wind was estimated at 75mph. as the wind twisted the anemometer out of shape. Our KINCARDINE agent reports from 4 30pm. to 5 30pm. on 18th. a very severe thunderstorm with very high wind: "The wind was much more severe a few miles East of this station, unroofing some barns and destroying fruit trees." KINCARDINE is to the South-South-West of PRESQU'ISLE about 55 miles.

18·6·1882

THE MONTHLY WEATHER REVIEW. 1882. WEATHER BUREAU, WASHINGTON D.C.
SUNDAY JUNE 18TH. 1882.

A tornado that struck SAGINAW COUNTY, MICHIGAN moved rapidly east out over LAKE HURON as two distinct water-spouts.