UPDATED

Confirmed Tornado
Forest – Parkhill, Ontario
June 28, 1976

Date- Local: Monday, June 28th, 1976
UTC: Monday, June 28th, 1976
Time- Local: 1800
UTC: 2200
Location: Forest – S of Parkhill
Region: Sarnia - Lambton
Classification: Confirmed Tornado
Category: -999
Casualties: None
Track Length: 21340 m
Width: None available
Motion: 260 degrees
Damage Estimate: None available
F-Scale Rating: F1
Code: AH
Damage Survey: None
Spotter Reports: Yes
Other Documents:
News paper articles
Map of tornado track
Phone interview notes and description of funnel from eyewitness
Newark summary sheet

Tornado F-Scale Assessment

Brad L. Rousseau
Tornado Data Production Assistant, Environment Canada
January 25th, 2011

Classification: Confirmed Tornado
Date: Monday, June 28th, 1976
Location: Forest – S of Parkhill, Sarnia – Lambton Region

Assessment: F1
F-Code: AH
Explanation of Assessment: Half of a house was destroyed

SJS

A TORNADO PROJECT SUMMARY SHEET F=1 ONT

1. DATE AND TIME 28·6·1976 : 1700 TO 1900 EDT (2100-2300 GMT)

2. LOCATION OR PATH (attach map) SOUTHERN TIP LAKE HURON TO S OF PARK HILL TO ABOUT 12 MILES NE OF LONDON. (WEST TO EAST)

0697602

3. PATH LENGTH ☐ NOT KNOWN ☐ <1 mi; ☐ 1-4mi; ☐ 5-10mi; ☒ 45 11-50mi; ☐ LENGTH IF>50mi

4. PATH WIDTH NOT KNOWN 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.)

10. TOTAL DAMAGE ESTIMATE $ NOT KNOWN 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES

STAR, TORONTO, JUNE 29 1976 (CP STORY)
WINDSOR STAR, JUNE 29 1976
CORRESPONDENCE FROM LONDON WEATHER OFFICE
THE LONDON FREE PRESS, TUESDAY JUNE 29 1976

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

(a) SEVERAL SIGHTINGS OF FUNNEL CLOUDS NEAR FOREST, PARK HILL, AND IN THE ST MARY'S AREA.

(b) FARM OF BILL FULLER BADLY DAMAGED; ROOF RIPPED OF ONE BARN, TOP TAKEN OFF SILO, REMOVED HALF ROOF OF THE HOUSE, SNAPPED TREES; LIFTED HIS HAY WAGON AND THREW IT ABOUT 75 FEET. BILL FULLER WAS UNLOADING THE WAGON WHEN IT BEGAN TO LIFT, HE JUMPED UNDERNEATH HIS TRACTOR, CLUNG ON FOR ABOUT 5 MINUTES "AND PRAYED FOR ALL I WAS WORTH", SEEING NOTHING BUT FEELING THE FORCE OF THE WIND AROUND HIM. THIS TORNADO TRACK WAS LUCKILY THROUGH LIGHTLY POPULATED COUNTRYSIDE.

WORKSHEET

IDTO 0697602

C 2500

① ORIGIN x 17421900
y 4771500

⑤ Standard Error S_x

C 1000

② LIFT-OFF x_1 17442100
y_1 4774600

⑥ Standard Error S_y

③ $(x_1 - x)$ = 20200

④ $(y - y_1)$ = 3100

⑦ DAMAGE LENGTH

$$L = [(x_1 - x)^2 + (y - y_1)^2]^{1/2}$$

⑧ $\alpha = \tan^{-1} \dfrac{|y - y_1|}{|x - x_1|}$

③+④ [→r,θ] = 20436

[x↔Y] = 9°

⑨ Standard Error $S_L = (S_x^2 + S_y^2)^{1/2}$

⑤+⑥ [→r,θ] = 26.92 C

⑩ $\beta = \dfrac{\tan^{-1} S_L}{L}$

⑦+⑨ [→r,θ]
[x↔Y] = 8°

NE Quad $\phi = 90 - \alpha$
NW Quad $\phi = 270 + \alpha$
SW quad $\phi = 270 - \alpha$

SE quad $\phi = 90 + \alpha$

⑪ ϕ = 261°

Environment Canada | Environnement Canada

Our File No
Notre dossier

Your File No
Votre dossier

30/06/76

Attn: G. Gee

Attached are items from the London Free Press.

Items from smaller papers north of us will be collected and mailed when available.

Kim McLaughlin

Two eyewitnesses are listed below:

Mrs. Judy McLellan 4th + 5th of 21st
R.R. #2 Parkhill, Ontario.

She was 300' from cloud. Saw it only 3' above ground.

From the phone book I was able to narrow it down to 3 possible phone numbers

~~#294-6798~~
181 152 519 -6660
~~-6516~~

Mrs. Jim Wilson
R.R. #2 Thedford, Ontario # 296-4640

She reported a funnel cloud.

Two other eye witnesses were the OPP officers. I don't know their names.

1 - Thedford
1 - St. Marys.

B.F.