B

TORNADO PROJECT SUMMARY SHEET

F=1 ONT

1. DATE AND TIME 28.7.1973 1530-1600 EST

2. LOCATION OR PATH (attach map) KIRKFIELD 0697305

3. PATH LENGTH ☐ NOT KNOWN ☐ <1mi; ☐ 1-4mi; ☑ 5-10mi; ☐ 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; "SOUNDED LIKE A FREIGHT TRAIN" Bruce Yeamans.

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

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

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES LINDSAY POST, LINDSAY 31.7.1973

Telephone Interviews, Dec 8, 1980.

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

(a) no applicable remarks.

(b) Numerous trees uprooted, many of which fell on homes and damaged them. Boats on Trent Canal damaged and roofs lifted off boat houses. Beam from the barn of John Feluchko thrown through the windshield of his car. Crops in fields completely flattened.

438-3026 long Black funnel coming from the west with a roar.

Velma Bell (705) 374-4911

Summer 1976

Driveshed: Sat June 26, 1976 1430 EST

Cliff Douglas (705) 374-4907 (Cambray)

1½ east and south of Bell's farm.

Damage near Cameron?

WERKSHEET

IDTO 0697305

(1) ORIGIN x 17659700
y 4935850

(2) LIFT-OFF x_1 17663100
y_1 4932100

(3) $(x_1 - x)$ = 3400

(4) $(y - y_1)$ = 3750

(5) Standard Error S_x 200 C

(6) Standard Error S_y 200 C

(7) DAMAGE LENGTH

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

(3)+(4) $\boxed{\rightarrow r,\theta}$ = 5062 m.

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

$\boxed{x \leftrightarrow y}$ = 48°

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

(5)+(6) $\boxed{\rightarrow r,\theta}$ = 283 m

(10) $$\beta = \frac{\tan^{-1} S_L}{L}$$

(7)+(9) $\boxed{\rightarrow r,\theta}$
$\boxed{x \leftrightarrow y}$ = 3°

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

SE quad $\phi = 90 + \alpha$

(11) ϕ = 318°

ario hydro

press clipping service

paper
date JULY 31, 1973
source georgian bay region

12209
Rev. 8-70

715A-8

AUG - 3 1973

GB

Half-Hour Storm

SAT JULY 28 1973

Wreaks Havoc In Kirkfield Area

Trees Down, Buildings Damaged

Kirkfield (PNS) — Having a ee fall on your house could a status symbol in the Vil-ge of Kirkfield and area fol-wing Saturday's high winds d rain storm which caused ntold damage as it ripped rough the Bolsover, Kirk-eld, Long Point area.

A number of houses in Kirk-eld were damaged as huge nbs and some trees were ppled by the wind. Hail ones described as being as rge as golf balls broke doz-ns of panes of colored glass the Chapel at Fair Havens ble Camp just west of Bol-ver, and along the Trent anal boats were bashed about d boat-house roofs were litt-l.

A tragic accident occurred ear Bolsover when 11-year-d Peter Salmon of Willow-le, was struck on the head a falling tree as he was at-mpting to erect the top of e family boat. He was re-oved to Toronto Sick Chil-ren's Hospital suffering a ull fracture.

rews Commended

Ontario Rural Hydro crews om Fenelon Falls worked ght and day restoring hydro rvices to more than 100 cot-ges and residens in the Long oint, Jasper Park and Kirk-eld area.

Crews reported being commended for the speedy restoration of service and the Fenelon area manager said the crews had most of the services restored by Tuesday with the exception of residences where the private services are damaged requiring contractors to make repairs. He said Tuesday more permanent repairs are being effected where temporary repairs had been carried out just to restore service.

In Kirkfield

At the western entrance to Kirkfield, the high winds ripped the end out of a barn owned by John Felushko, and a beam went through the windshield of their recently painted car in the barn.

Several large trees were felled at the Convent and another at the corner of the Lodge knocked down some of the stone fence.

A tree fell on the home of Mrs. Roy Teel knocking off the chimney and the TV aerial and damaging the roof. A front window in the home of Mrs John Lunnan was blown in.

A large two-storey brick house owned by Mr. and Mrs. Tom Jones was damaged extensively when a large limb crashed on the roof dislodging plaster in the bed room. They were away at the time.

Throughout the village limbs littered lawns and streets and hydro wires were down but there has been no report of injury from the live wires as Hydro crews moved in quickly to make emergency repairs.

Outside of the village the end was blown out of a log barn on the farm of Gordon Teel on the 8th concession of Eldon Township. Mr. and Mrs. Bruce Yeamans on the Eldon Station quarter line had a section torn from their barn, and crops on the 8th concession just out of Kirkfield were completely flattened as were crops in the surrounding area.

Along with the Hydro crews, men from the Department of Transportation and Communication moved in to clear the roads of fallen trees, many of which tipped over complete with roots where the soil was shallow. Main routes were cleared to admit traffic to pass Saturday night and hydro power was restored to the village by 9:00 p.m. The storm struck the village about 6:30 Saturday evening and appeared to have followed a direct path from Gambridge possibly following the canal. Damage to property from the storm seemed more extensive in Kirkfield.

Saturday 4:30

BOLSOVER - KIRKFIELD
LONG POINT

— JOHN FELUSHKO (705)
ROY TEEL (705) Died.
JOHN LUNNAN
TOM JONES
— GORDON TEEL 8th ELDON (705) 438-3246 S½ lot 24 1½ mi S of Kirkfield
— BRUCE YEAMANS ELDON Stn ¼ line (705) 438-3239
Cambray