B

TORNADO PROJECT SUMMARY SHEET

F=0 ONT

1. DATE AND TIME JUNE 26, 1969 1545 EST

2. LOCATION OR PATH (attach map) PAISLEY 0696906

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

4. PATH WIDTH ☐ 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 $ 11. TOTAL DEATHS

12. TOTAL INJURED 13. TOTAL HOMELESS

14. LIST ALL REFERENCES

PAISLEY ADVOCATE JULY 3, 1969

Telephone Interview Nov 10, 1980 by P.J. Elms.

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

(a) no remarks but called a "baby twister"

(b) Bricks from the chimney of house in Paisley were thrown against the rear of the building opening a large gash in the wall. The frame residence of James Hepburn was shifted on its foundation drawing the hydro service wire as tight as a fiddle string.

WORKSHEET

IDTO 0696906

(1) ORIGIN x 1747800
y 4906580

(2) LIFT-OFF x_1 1747821 0
y_1 4906420

(3) $(x_1 - x)$ = 210

(4) $(y - y_1)$ = 160

(5) Standard Error S_x 30 C

(6) Standard Error S_y 30 C

(7) DAMAGE LENGTH

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

(3)+(4) $\boxed{\rightarrow r,\theta}$ = .264

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

$\boxed{x \leftrightarrow y}$ = 37°

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

(5)+(6) $\boxed{\rightarrow r,\theta}$ = 4.2 C

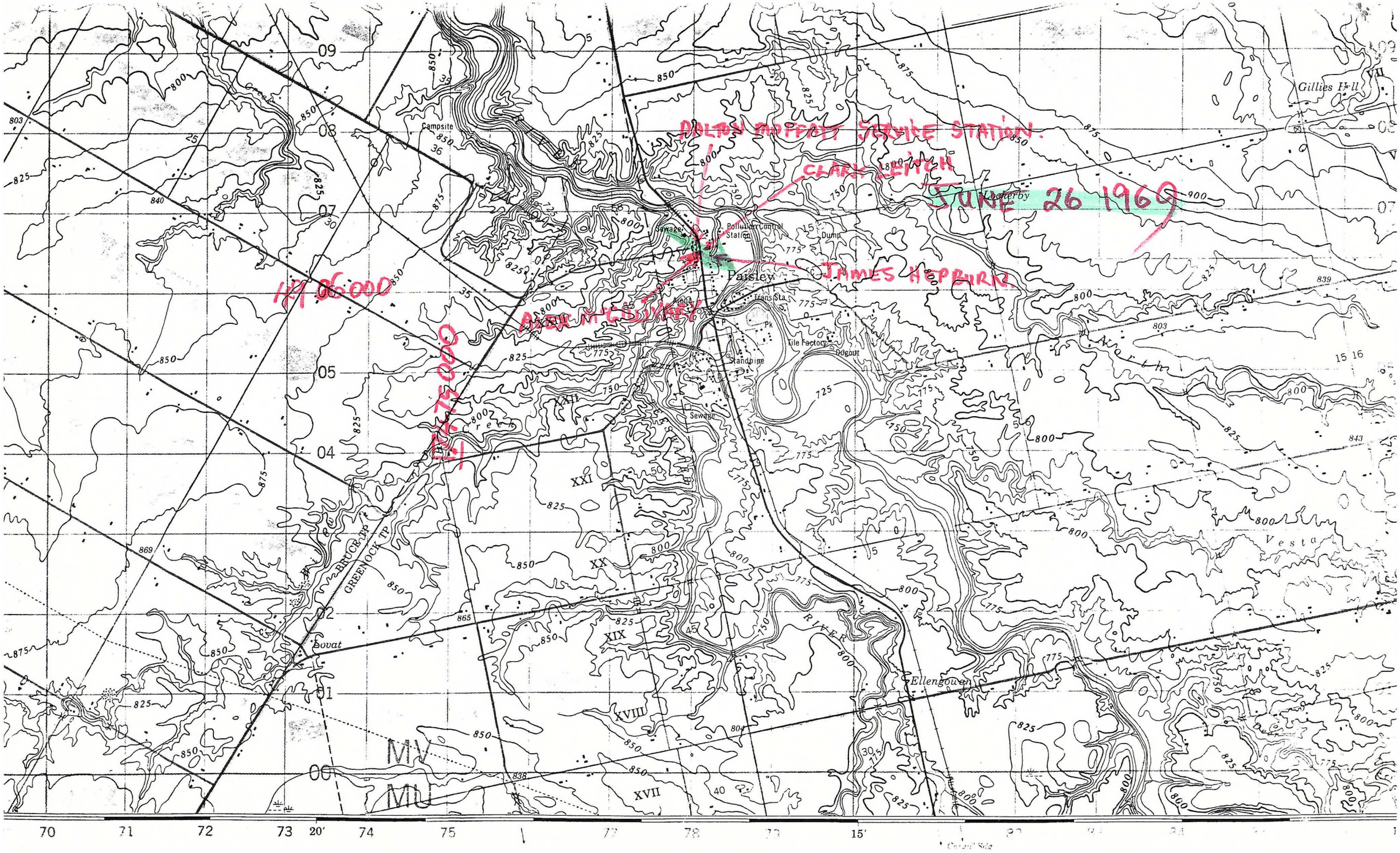
(10) $\beta = \dfrac{\tan^{-1} S_L}{L}$

(7)+(9) $\boxed{\rightarrow r,\theta}$
$\boxed{x \leftrightarrow y}$ = 90°

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

SE quad $\phi = 90 + \alpha$

(11) ϕ = 307°



DALTON MOFFATT SERVICE STATION.
CLARK LEITCH
JUNE 26 1969
JAMES HEPBURN.
ALEX McGILLIVRY
Campsite
Sewage
Pollution Control Station
Dump
Paisley
Trans Sta
Tile Factory
Dugout
Standpipe
Sewage
Locherby
Gillies Hill
Vesta
Ellengowan
Lovat
BRUCE TP
GREENOCK TP
RIVER
North
Creek
MV
MU

Damage Here Is Relatively Light As Windstorm Lashes District

1055

4:45 pm JUNE 26 1969

THURS

PAISLEY ADVOCATE JULY 3 1969

Striking the village and neighboring townships about 4:45 last Thursday, the first violent storm of the summer dumped over an inch of rain, flooded cellars, blew down trees and damaged property and disrupted telephone service. The wind and rain were accompanied by an electric storm, but no damage by lightning has been reported. Damage generally was comparatively light, considering the severity of the disturbance.

The full power of the wind centred on the north end of the village. At the intersection of Queen and North Streets, the baby twister downed a huge soft maple at the rear of the vacant residence owned by Mrs. Clark Leitch of Toronto. Roots three inches in diameter were snapped cleanly as they resisted the pull of the wind.

QUEEN & NORTH STS.

When a chimney on the house was toppled, the bricks were whirled against the rear of the building, opening a large gash in the wall.

Nearby, the frame residence of Jim Hepburn was threatened. Caught in the vortex of the tornado, the building was shifted on its foundation, drawing the hydro service wire as tight as a fiddle string.

PAISLEY
JAMES HEPBURN. (519) X

Trees in the neighborhood were shattered or blown down.

At Dalt Moffatt's service station, diagonally opposite the Leitch house, a 40-pound, heavy gauge steel sign was torn from its standard and carried several hundred yards to the rear of the Alex C. McGillivray property where it was found Friday, too badly battered to be repaired.

SERVICE STATION.
DALTON MOFFATT.

ALEX C McGILLIVRAY. (519). 353-5767

Moffatt's Service Station. 353: 5325

Phoned and got locations of properties. Nov. 10/80. P.E.

41A6

Bruce Municipal Telephone lines suffered heavy damage. Communication between Paisley and Kincardine, Tiverton and Port Elgin was cut off, and forty services throughout the adjacent area were broken. Service was not completely restored until Saturday night.

A torrential downpour of rain which fell for upwards of 45 minutes flooded a number of basements in the business area. With the sewers unable to cope with the surface flooding, water ran inches deep in the gutters on Queen Street and in places overran the sidewalk.

Runoff from Victoria Street, however, created the worst flooding on the main street. Rushing north on the east side of Victoria Street, the runoff found a course through the back yards and poured down the laneway abutting the Lloyd McClure property and across the lawn at the rear of the James Bakery to the wall of Lorne Majury's barber shop. There it poured through a window well to flood the basement to a depth of over five feet, and rose 18 inches in The Advocate cellar.

Hydro service was interrupted only momentarily, although a falling tree limb tore the service wire from the home of Mr. and Mrs. Flanders on Inkerman Street east. Linemen were called to remove limbs from other lines, which suffered no more damage than stretching.

Paisley escaped a second storm which created damage in a wide area of western Ontario and the Georgian Bay area Friday.

Pat Pally
593-1441

June 26 continued

JANUARY JANVIER 17 JANUARY

FL YZ 262115Z
262115-270100Z

SIGMET 3. LINE OF HEAVY THUNDERSTORMS 50 MILES WIDE EXTENDING FROM 20 MILES SOUTH OF NORTH BAY SOUTHWESTWARD TO 50 MILES NORTH OF SARNIA WITH MAXIMUM CB TOPS TO 60 THOUSAND MOVING SOUTHEAST AT 20 KNOTS.
END

FL YZ 262200Z
262200-270200Z

SIGMET 4. LINE OF HEAVY THUNDERSTORMS 50 MILES WIDE EXTENDING FROM PARRY SOUND TO NORTH OF GODERICH WITH MAXIMUM CB TOPS 60 THSD NEAR WIARTON MOVING SOUTHEAST AT 15 TO 20 KNOTS. THERE WILL BE SEVERE TURBULENCE AND WINDS WILL BE SOUTHWESTERLY 30 KNOTS GUSTING TO ABOUT 60 KNOTS
END

JANUARY

June 26 1969.

Jerry Wolf called sister in law in Walkerton. She reported a funnel cloud sighting ?

Phone call from CHCM re heavy wind damage to power lines around Arnstein Cold Water