

1. DATE AND TIME **AUG 30, 1976** **1018 EST**

2. LOCATION OR PATH
(attach map)
COLLINS BAY (SW-NE) **0697609**

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

4. PATH WIDTH **u** 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; **"WHITE WHIRLING CONE SHAPED THING"**
"LOUD HISSING SOUND"

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

10. TOTAL DAMAGE ESTIMATE \$ **LITTLE** 11. TOTAL DEATHS **NONE**

12. TOTAL INJURED **NONE** 13. TOTAL HOMELESS **NONE**

14. LIST ALL REFERENCES
WHIS STANDARD, KINGSTON, MON AUG 30, 1976
Personal Interview with eyewitness, Mrs. Mellon.

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

(a) "When I looked up I saw a white whirling cone-shaped thing with a color all its own"

(b) Trees ripped up, woe down, limbs broken
open trees fell on parked cars.

WORKSHEET

IDTO 0697609

① ORIGIN x 18371400
~~4899700~~
 y 4899700

C200
 ⑤ Standard Error S_x

② LIFT-OFF x_1 18372100
 y_1 4899950

C200
 ⑥ Standard Error S_y

③ $(x_1 - x) = 700$
 ④ $(y - y_1) = 250$

⑦ DAMAGE LENGTH

$L = [(x_1 - x)^2 + (y - y_1)^2]^{1/2}$ ⑧ $\alpha = \tan^{-1} \frac{|y - y_1|}{|x - x_1|}$

③ + ④ $\rightarrow r, \theta = 743 \text{ m}$

$x \leftrightarrow y = 20^\circ$

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

⑤ + ⑥ $\rightarrow r, \theta = 282 \text{ m C}$

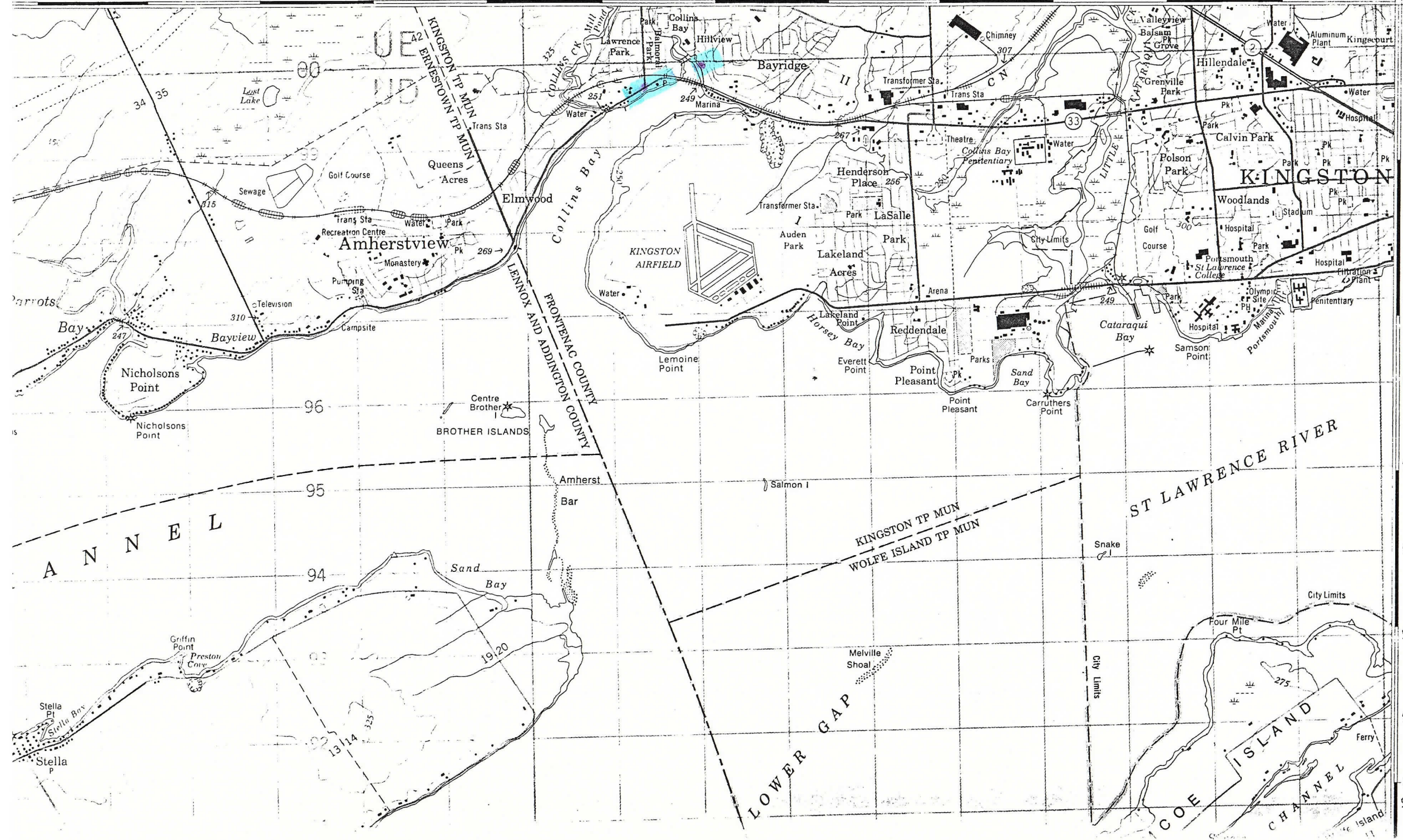
⑩ $\beta = \frac{\tan^{-1} S_L}{L}$

⑦ + ⑨ $\rightarrow r, \theta$
 $x \leftrightarrow y = 21^\circ$

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

SE quad $\phi = 90 + \alpha$

⑪ $\phi = 250^\circ$



Barfield 4 km

18379000m. E.

10'

91

92

93

94

95

96

97

98

99

44°15'