*	TORNADO PROJECT SUMMARY SHEET
1.	DATE AND TIME JULY 18, 1977
² .	LOCATION OR PATH (attach map)
	DRAYTON 0697711
3.	PATH LENGTH NOT KNOWN 1-4mi; 5-10mi; 11-50mi; LENGTH IF>50mi
4.	PATH WIDTH 5. TORNADO PART OF SQUALL LINE? YES; NO; UNKNOWN:
6.	ANY UNUSUAL COLORATION? VYES; NO; UNKNOWN
7.	ANY UNUSUAL SOUND? YES; NO; UNKNOWN
8.	IF ANSWER TO 6 OK 7 YES, ELABORATE; 6. "Grey-brown furred" 7. "Could hear to twister coming"
9.	LIST ANY ASSOCIATED PHENOMENA
	(Such as hail, vivia lightning heavy rain, no rain, etc.)
10.	TOTAL DAMAGE ESTIVATE \$ Thousands 11. TOTAL DEATHS NONE
12.	TOTAL INJURED NOW 13. TOTAL HOMELESS NOW.
14.	LIST ALL REFERENCES
	Ketchener WATERLOO RECORD, JULY 19,1977 Outario Wealter Centre, Seven WealterLog. July 18,1977 Field visit and interviews by M.S. Newark. July 19,1977.
15.	
	(a) Alan Cherrey of Drayton, returning home, saws the tornado of engal as it crossed the highway ahead of him. It was shapedlike an ice-cream cons.
	(b) Co-op store unroufed darge trees uprosted. One for trailer overturned Top taken off large cito. Some bricks of downtown store were budged outwards, and windows blown out into the street.

WORKSHEET

1DTO 0697711

(3)
$$(x_1-x) = 19650$$

(4) $(y-y_1) = 1400$

(7) DAMAGE LENGTH
$$L = [(x,-x)^2 + (y-y,)^2]^{1/2} (8) = tan^{-1} |y-y|^{1/2}$$

$$3+4 \Rightarrow r; \theta = (19700)$$

$$x \leftrightarrow y = 4^{\circ}$$

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

$$\boxed{5+6} \rightarrow r_1\theta = 15.01 \quad \phi$$

Report of Eyewitness - Alan Cherrey (a resident of Drayton on his way home).

Mr Cherrey was driving north along highway 6 on the evening of July 18th 1977. Not far from his left turn onto the Alma road he saw a black storm sweeping across the road ahead of him. Outlined against the black background he saw a grey-brown cloud shaped like an ice-cream cone which stretched from the cloud to the ground. He estimated it to be about 3 or 4 miles away and it was moving from his left to his right "very fast, maybe 40 or 50 mph". The funnel was inclined at a 45° angle to the ground, appeared to be rotating and was fatter at the top than at the bottom.

As he was making his left turn onto the Alma road it came on to rain and the wind picked up sharply. Turning on his windshield wipers and concentrating on controling his vehicle he lost sight of the tornado after having viewed it for approximately a minute.