0998719 ✓ A. F2

TORNADO PROJECT SUMMARY SHEET

1. DATE AND TIME July 31, 1987 time?

2. LOCATION OR PATH (attach map) Millet. to Vegreville

3. PATH LENGTH ☐ NOT KNOWN ☐ <1 mi; ☐ 1-4mi; ☐ 5-10mi; ☑ 11-50mi; 90km ☐ LENGTH IF>50mi

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 $ >10,000 11. TOTAL DEATHS

12. TOTAL INJURED 13. TOTAL HOMELESS

14. LIST ALL REFERENCES

15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.
a) could be several tornadoes
b) Farm buildings destroyed, 200 trees destroyed.

T.D. 12334500 5000
5885000

L.D. 1240 1875 5000 0
5928500

LIST OF SIGNIFICANT CONVECTIVE EVENTS - 1987 (CONT'D)

JULY 30 (CONT'D)

RAIN

- Heavy rain at INNISFAIL (Red Deer region); Small hail.
- 27.5 to 29.4 mm in Edson region [forestry].
- 27.4 to 43.2 mm in Grande Prairie [forestry].
- 26.4 to 60.8 mm in Slave Lake region [forestry].
- 26.0 to 51.6 mm in High Level region [forestry].
- 37.4 mm in Fort McMurray region [forestry].

WINDS

- EDMONTON and Edmonton region - Very strong winds - Gusts to 50 knots (92 km/h) - 1720/1800 MDT; Tree and tent (Heritage Days) Hawrelak Park - Roof off bale shed, hit barn and collapsed the walls of the barn (8 miles south of Leduc) - Blowing dust - Heavy rain.
- EDSON - Very strong - 1545 MDT; Likely some damage - Heavy rain - Low visibility.
- VALLEYVIEW (Grande Prairie region) - Heavy type storm - 1730 MDT; Heavy rain for 30 minutes.

LIGHTNING COUNT

- A record of 46,500 strikes spread over most regions.

JULY 31 *

TORNADO

- EDMONTON - 1445 to 1600 MDT - Considerable to severe damage; Heavy downpour, Damaging winds, and up to Softball size hail associated.
- BLUE RIDGE (Edson region) - 1729 MDT; Trees and building damaged - No reports of personal injuries; COTTONWOOD (Edson region); Minor damage: phone booth went through gas station - Window, tree and property damage.
- ISLAND LAKE (Slave Lake region) - 1800 MDT; Damage to sheds and cabins, boats sunk, tree damage.
- MILLET/HAY LAKES/MIQUELON PROV. PARK/WEST OF TOFIELD/WEST OF VEGREVILLE (Edmonton/St Paul region) - One storm complex that sparmed several touchdowns over a 90 km path; Hay Lakes: numerous farm building destroyed in area - Sheds torn apart, roofs lifted off, buildings and windows blown out; Miquelon Lake Prov. Park: 200 trees destroyed - over $10,000 damage; Tofield: brief touchdown; 18 miles west of Vegreville: graineries blown over (one blown several hundred metres), fences and corrals demolished, power poles knocked down, singles and siding removed from buildings, hay bales "lifted up over" fences - Some structures damaged while others untouched - Over $30,000 damage at one farm alone - Also damage in the Hilliard area.
- IDDLESLEIGH (Coronation region) - 1530-1600 MDT; Barn destroyed.

FUNNEL CLOUD

- KEOMA (Calgary region) - 1500 MDT.
- ROCKY MOUNTAIN HOUSE (2) (Red Deer region) - E1400 MDT.