B

TORNADO PROJECT SUMMARY SHEET

F=0

N.B. (see QUE)

1. DATE AND TIME: AUG. 9. 1980 1200 A.S.T.

2. LOCATION OR PATH (attach map): VICINITY OF EEL RIVER NEAR CHARLO

0498001

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

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

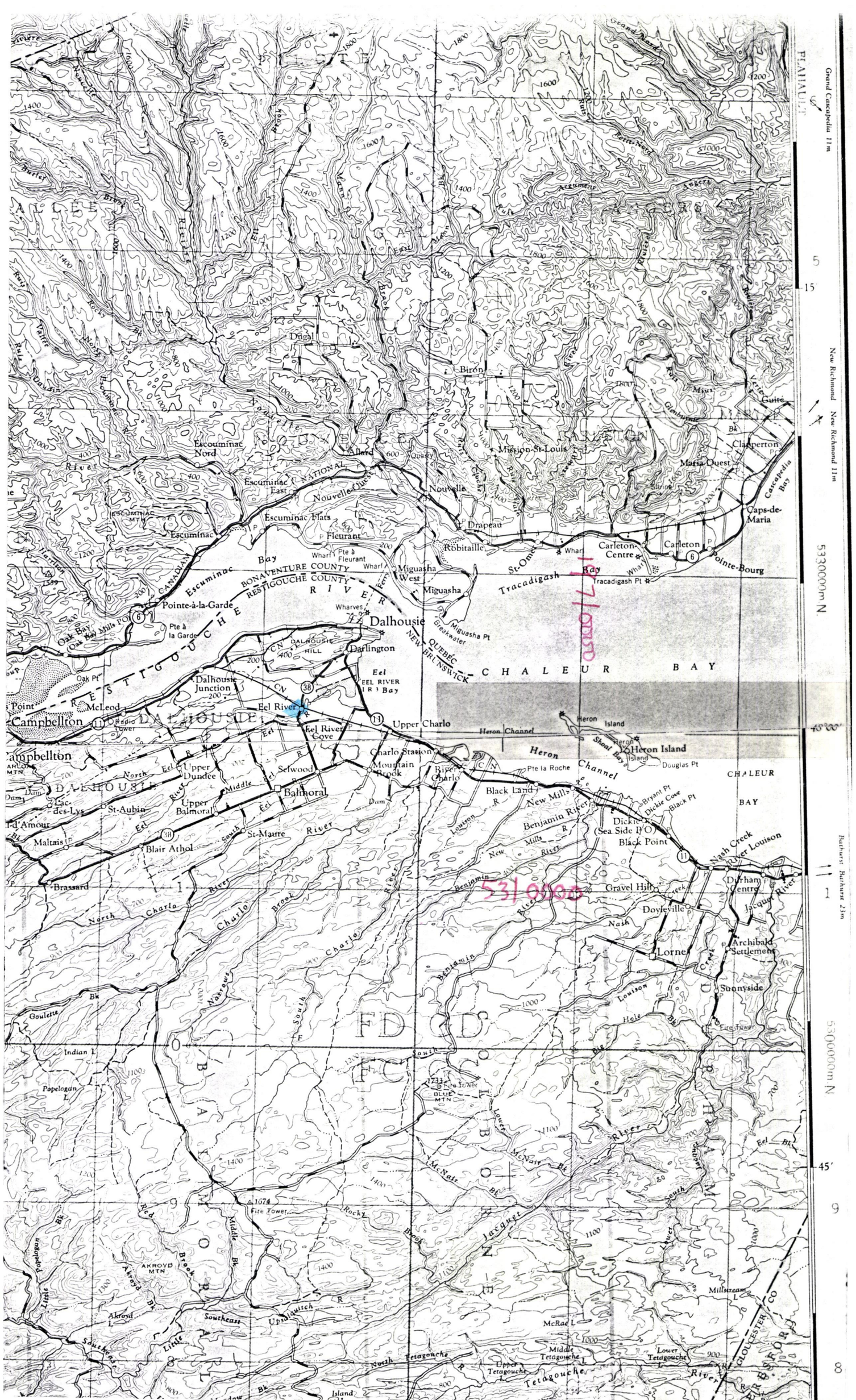
A.E.S. WX. RECORDS

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

(a) Freak wind reported to be twisting like a tornado.

(b) Trees uprooted.

Origin x 19692500
y 5321300



Grand Cascapedia 11m
New Richmond
New Richmond 11m
Bathurst
Bathurst 23m
5330000m N.
5300000m N.
15′
45′
48°00′
CHALEUR BAY
Heron Channel
Heron Island
Shoal Bay
Douglas Pt
Pte la Roche
Black Land
New Mills
Benjamin River
Dickie (Sea Side P.O.)
Black Point
Bryant Pt
Dickie Cove
Black Pt
Nash Creek
River Louison
Durham Centre
Jacquet River
Gravel Hill
Doyleville
Lorne
Archibald Settlement
Sunnyside
Fire Tower
Biron
Dugal
Escouminac Nord
Allard
Mission-St-Louis
Nouvelle
Drapeau
Robitaille
Carleton-Centre
Carleton
Pointe-Bourg
Tracadigash Pt
Tracadigash Bay
Miguasha West
Miguasha
Miguasha Pt
Breakwater
Dalhousie
Darlington
Eel River Bay
Eel River
Upper Charlo
Charlo Station
Mountain Brook
River Charlo
Campbellton
McLeod
Dalhousie Junction
Upper Dundee
Selwood
Balmoral
Upper Balmoral
St-Aubin
Lac-des-Lys
Maltais
Blair Athol
St-Maure
Brassard
Escouminac
Escouminac East
Escouminac Flats
Fleurant
Pte à Fleurant
Pointe-à-la-Garde
Pte à la Garde
Oak Bay
Oak Bay Mills P.O.
Escouminac Bay
BONAVENTURE COUNTY
RESTIGOUCHE COUNTY
RESTIGOUCHE RIVER
NEW BRUNSWICK
QUEBEC
CANADIAN NATIONAL
Nouvelle-Ouest
Nouvelle River
Caps-de-Maria
Maria Ouest
Clapperton
Cascapedia Bay
Glenburnie
Guite
Indian L.
Popelogan L.
Goulette Bk
Blue Mtn
McNair Bk
Rocky Brook
Jacquet River
Millstream L.
McRae L.
Middle Tetagouche
Upper Tetagouche
Lower Tetagouche
Tetagouche
North Tetagouche
Southeast
Upsalquitch R.
Akroyd Mtn
Little Popelogan Bk
Red Brook
Middle Bk
Gloucester Co

Environment Canada / Environnement Canada — Atmospheric Environment / Environnement atmosphérique

SURFACE WEATHER RECORD

AT CHARLO A (YCL) — STATION NAME AS IN METSTAT — PROVINCE N.B. — FROM 0601 09 August 1980 — TO AUG. 9. 1980 10 ~~09~~ August 19 80 — LST = GMT − 4 HOURS

HOUR (GMT) DAY MONTH

CHECKED, CERTIFIED COMPLETE AND CORRECT BY: KB

I OBSERVED DATA AND COMPUTATIONS

1 NOTES AND INSTRUMENT DEFECTS AND CHANGES

DEWCEL COMP. 1200Z
DEWCEL P.B. 17.7 D.P. 16.9
ORDINARY PB 17.6 D.P. 16.9

DEWCEL COMP. 1800Z
DEWCEL D.B. 22.5 D.P. 16.4
ORDINARY D.B. 22.4 D.P. 16.1

DEWCEL COMP. 0000Z
DEWCEL D.B. 14.6 D.P. 11.3
ORDINARY D.B. 14.5 D.P. 11.4

DEWCEL COMP 0600
DEWCEL D.B. 15.2 D.P. 13.4
ORDINARY DB 15.2 D.P. 13.4

FREAK WIND - RPTD TWISTING LIKE TORNADO uprooted several trees in Est River a few miles from AIRPORT at 1900 hrs ADT

(GMT) Duration of Weather and/or Obstruction to Vision (GMT)

Type 2	Bgn 3	End 4	Type 2	Bgn 3	End 4
Haz	→	0745			
Rw-	0910	1433			
T	1714	1801			
Haz	1729	1856			
Rw-	0235	0258			
Rw-	0258	0415			

II HOURLY OBSERVATIONS

Corrected Wet-Bulb °C 23	Relative Humidity % 24	Total Opacity 25	Total Amount 26	Type 27	Date (GMT) 28	Hour (GMT) 29	Sky Condition 30	Visibility 31	Weather and Obstructions to Vision 32	Sea-level Pressure 33	Dry-Bulb Temperature °C 34	Dew-Point Temperature °C 35	Wind Direction 36	Wind Speed 37	Wind Character 38	Altimeter Setting (in.) AT 0621 951 39	CLOUDS and/or OBSCURING PHENOMENA Type/Opacity 40	REMARKS 41	Tendency 42	OBSERVER (Print) 43
	94	10	10	SP	09	0700	M4 8 OVC	10	RW-	007	18 18.1	17 16.6	21	04		955	SC 10	16YX (45)		
	94	10	10	SP	09	0745	4 8 SCT M11 8 OVC	12												
	94	10	10	SP	09	0800	50 SCT M11 0 OVC	12		003	18 17.6	17 16.1	00	00			SC2 K05			
	100	9	9	SP	09	0900	45 SCT M8 CB BKN	10		998	17 17.5	17 16.4	18	05		964	SC1 6 09	6 7 VX		
	100	10	10	SP	09	0910	E40 BKN 70 OVC	8	RW-				19	04		961	SC2 AE7	3699		
	100	10	10	SA	09	1000	M4 8 OVC	4	RW-F	985	17 17.4	17 16.7	10	03			SC7 AC3	(45) 717		
	94	10	10	SA	09	1100	28 SCT E 50 0 OVC	5	RW-F	984	17 17.4	17 16.6	12	04		948	SC10	47 VX		
		10	10	SP	09	1200	12 SCT 22 SCT E50 0 OVC	5	RW-F	976	17 17.4	17 16.9	11	04		946	SC5 SC5	46 XX		
		10	10	SP	09	1235	M4 BKN 12 0 OVC	4	RW-F				12	04		944	SF2 SC3 SC5	79 XX TCU EMBDD (3.5) 826		
	94	10	10	RS	09	1300	M4 BKN 12 BKN 250 VC	2	RW-F				16	03			SF2 SF2 SC3 SC3	M5 SCT		
	94	10	10	RS	09	1400	45 CT M18 BKN 500 VC	1	RW-F	960	18 17.6	17 17.1	13	06			SF6 SF4			
		10	10	SP	09	1448	55 CT 175 CT M23 VC	1	RW-F	949	18 17.5	17 17.3	13	05		941	SF6 SF3 SC1	61 XX		
	94	10	10	SA	09	1500	55 CT 175 CT M23 0 VC	5	E	~~934~~			12	05		938	SF5 SC3 SC2	50 XX		
	83	6	7	SA	09	1600	55 CT 260 CT E 30 BKN	8		934	19 18.4	17 17.5	11	08			SF3 SC2 SC5			
	83	8	8	SA	09	1700	20 SCT E 30 BKN	10		923	22 20.0	19 19.4	11	10		934	SF3 SC3 SC5	65 XX		
		9	9	SP	09	1714	20 SCT E 30 BKN	10		903	22 21.6	19 19.4	17	08		930	SF1 SC2 SC9	0467 (4.5) 735		
		9	9	SP	09	1729	16 SCT E 30 BKN	10	T				06	05		924	SC4 4 SC4	8488		
	69	6	6	RS	09	1800	18 SCT E 30 BKN	9	RW-				00	10			CU 5 SC4			
	57	6	6	SP	09	1816	18 SCT E 30 BKN	10	T				34	20	6.08		CU 5 SC4	LTGCG CG EMBDD FRUPA 1725 CBEMSDD		
	57	6	6	SA	09	1900	18 SCT E 30 BKN	10		896	22 22.2	16 16.4	27	13	6.20	922	CU 4 SC 3	3466		
	60	7	7	SA	09	2000	20 SCT M 43 BKN	15					87	11	6.19		CU 3 SC 3	CG MOVG E (45) 537		
	56	6	6	SA	09	2100	M4 8 BKN	15		906	23 22.8	14 13.5	27	20		925	TCU 4 SC 4	CB NE-N 5866		
	68	8	8	SA	09	2200	M9 4 BKN	15		911	22 21.5	14 14.0	27	12	6.19	926	CU 1 SC 6	CB TOP NE 5077		
	77	10	10	SA	09	2300	M2 6 OVC	15		913	20 19.7	11 11.3	25	14	6.25	967	SC 6	7366		
	82	10	10	SA	10	0000	M2 6 OVC	15		914	17 17.2	11 11.3	25	15	6.22	928	SC 8	CU ADCCTD (45) 117 3388		
	82	10	10	SA	10	0100	M2 6 OVC	15		916	16 12.7	12 11.7	24	17		928	SC 10	77 XX		
	88	10	10	RS	10	0200	M14 OVC	15		907	15 14.5	12 11.7	25	12		925	SC 10	57 XX		
		10	10	SP	10	0235	125 CT M19 0 OVC	15		902	14 14.3	11 11.3	26	16		924	SC 10	33 YX (45) 806		
	94	10	10	RS	10	0300	205 CT M25 OVC	12	RW-	901	14 13.7	12 11.7	27	19		923	SC 10	97 YX		
								12	RW-	906	14 13.8	13 12.1	28	13			SF4 SC6			
													27	14		924	SC 8	77 XX		