

Flt ID: 031210N	From: CYT	To: CYT
Flt No: 04-022	Blk In: 2143	ATA: 2139z
ETD: 15z	Blk Out: 1559z	ATD: 1606z
ETE: 6+15	Blk Time: 5+44 (5.7)	Flt Time: 5+33 (5.5)
Sponsor Org: AOR	Program: ATREC	Purpose: FLT #7

AOC Personnel

AC: McCann, B	Sys Eng: Hornbrook, C
CP: FINN, M / YATES, G	Data Sys: Hill, J
Nav:	Radar: BROGAN, D
FE: ROTZUELL, K	GPS/BT:
FD: FLAHERTY, P	Cld Phys:
Avionics:	P.M. MAXSON, B

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
SHAPIRO, M	AOR PI	AOR

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

LATE TAKEOFF DUE TO GANDER ATC
 FLT PLAN CHANGED / DROP POINTS CHANGED
 FIRST DROP NO EARLIER THAN 43°30'
 TOO COLD/DRY FOR DPL (AGAIN)
 1950 ~ 2005 OSCILLATION IN SSUP

DPR FLATWED 2100C
 ~ -64.5°C

U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

AOCWF-2

ID: 031210N Time Off: 1606Z Time On: 2139

	A/C (Take Off)	WX Station (Take Off)	A/C (Land)	WX Station (Land)
Pressure	992.9	29.81	994.50	29.88

	Number	Data Disposition / Date / Quality
Alt Lvl Tapes		
adar Tapes		
loud Physics Tapes		
ideo Tapes		
XBT		
XCP		
XCTD		
ropsondes	24	23 OBSERVATION

Video					
	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks

G-IV Error Summary

Flight # 031210n

(TReC Flight #7)

Block out:	1559z	
Take-off:	1606z	Block Time: 5.7
Landing:	2139z	Flight Time: 5.5
Block in:	2143z	

Total number of drops: 24
Total number of observations: 23

Flight Summary:

TReC Flight #7 was a mission to investigate the remnants of Tropical Storm Odette. The aircraft flew to 43N/32W and back to CYYT.

Take-off was delayed for 66 minutes due to Gander ATC. The flight plan (and so by default - the drop points) were changed just prior to take-off.

DPL still inop in extremely cold/dry temps.

There was a noticed oscillation in the SSLP from 1950 – 2005.

	Corrected Aircraft Altimeter	Station Altimeter
Take-off	1008.8	1009.4
Landing	1010.5	1011.9

Paul T. Flaherty
Flight Director
(813) 828-3310 x3094

N49RF AVAPS DropSonde Log

N49RF Project: Tost Flight ID 031210N

Mission: ST John's St Flight #: 2F07 Launcher S/N: 02 Status: Sys 1 ☒ Sys 2 ☐

Sen

5
54
6
7
8
9
10

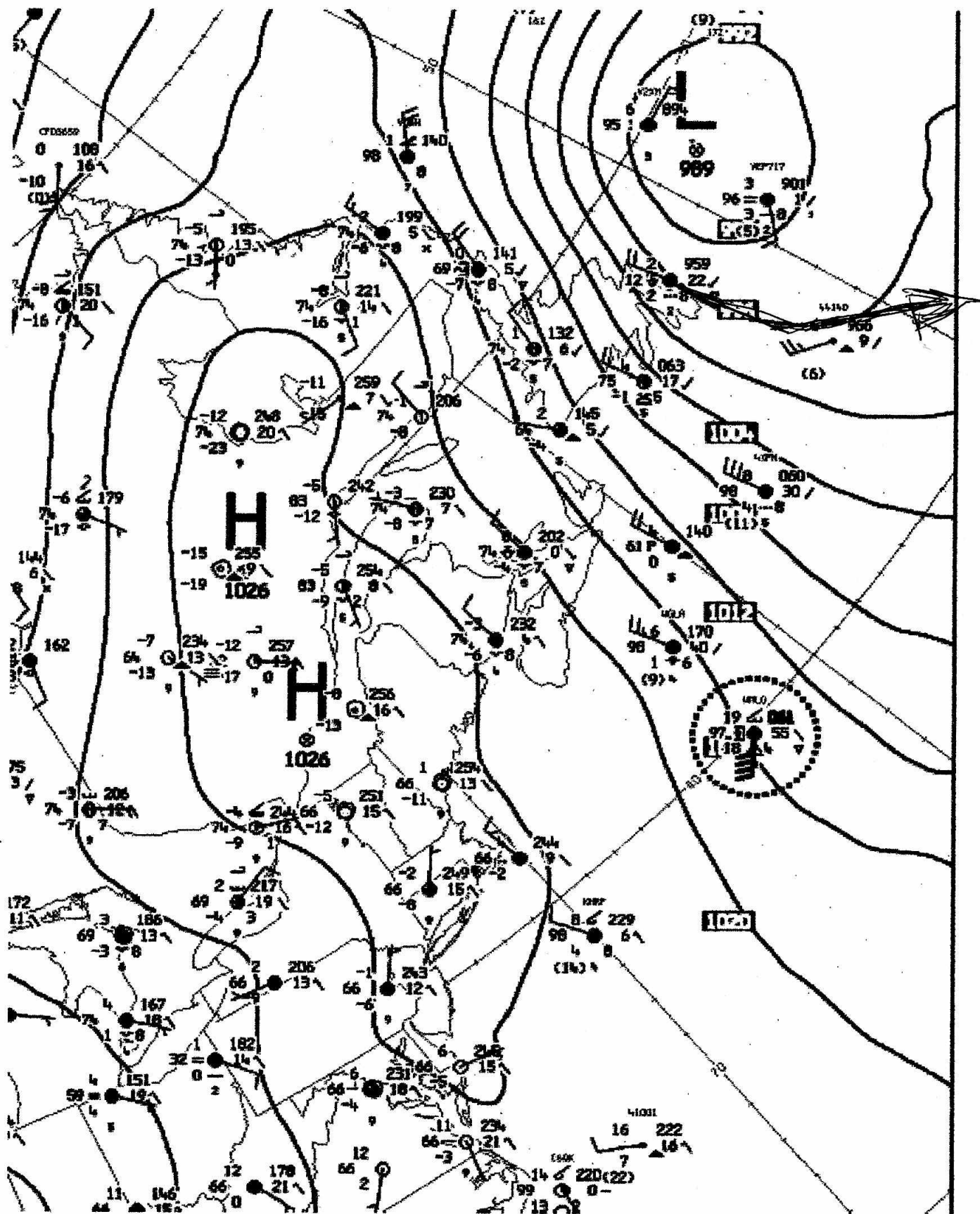
Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status / Failure Reason	GOOD ☒
1	024 415 014	1	1709	0	12	YH	Lost winds 5000 ft Right side	✓
2	024 415 324	2	1718	0	46			✓
3	024 415 124	1	1728	.4	30			✓
4	024 415 430	2	1739	0	21			✓
5	024 415 129	1	1744	0	—		no winds / Fast fall	✓
6	024 415 325	3	1751	.4	20			✓
7	024 415 130	6	1759	0	22		Right side crashed error	✓
8	024 415 018	1	1809	0	10			✓
9	024 415 423	3	1814	0	21			✓
10	024 415 153	2	1818	0	14			✓
11	024 415 134	4	1824	0	29			✓
12	024 415 133	1	1828	0	19			✓
13	024 415 427	3	1832	0	27			✓
14	024 415 432	2	1837	0	20			✓
15	024 415 132	1	1846	0	25			✓
16	024 415 127	2	1854	0	45			✓
17	025 018 083	4	1901	0	25			✓
18	024 415 128	3	1908	0	21			✓
19	024 415 131	1	1920	.6	27			✓
20	024 415 414	2	1932	0	19			✓
21	024 415 428	1	1944	0	26			✓
22	024 415 431	2	1958	0	29			✓
23	024 415 126	1	2014	0	22	↓		✓
24	024 415 084	1	2033	0	24	YH		✓
25								
26								
27								
28								
29								
30								
31								
32								
33								

□

N49RF AOC Flight Director's GPS Dropwindsonde Log

FLIGHT ID 031210N FLIGHT DIRECTOR FLATTERY Page 1 of 1
MISSION ID ATREC STORM/Track ID FLT # 7 Total # of dropsondes 24

[illegible]



031210N - DROPS

1 ~~44 30 / 41 10~~
 2 ~~43 38 / 41 10~~
 3 ~~42 30 / 41 10~~

4 ② 42 55 / 44 55

5 ③ 41 35 / 43 20

6 ④ 41 / 41 20

7 ⑤ 40 30 / 39 38

8 ⑥ 40 / 38

9 ⑦ 40 45 / 36 30

10 ⑧ 41 35 / 35

11 ⑨ 42 20 / 33 25

12 ~~43 08 / 31 50~~

13 44 / 30

14 44 20 / 32 35

15 45 30 / 35

16 44 12 / 37 30

17 44 / 40

18 44 / 42 32

19 44 / 45

20 44 / 47 30

21 44 / 50

~~42 20 / 46 20~~

① 42 20 / 46 20

43/32
 42 30 / 40
 42 30 / 45
 42 30 50

NO FURTHER
 42 30 N

10 43/32

⑪ 42 55 / 33 55

⑫ 42 49 / 35 50

⑬ 42 43 / 37 35

⑭ 42 38 / 39 22

~~42 53 34 25~~

~~42 42 36 36~~

~~42 35 38 41~~

15 42 30 41 10

16 42 30 43 20

17 42 30 45 40