

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

ACOW

Flt ID: 031202N	From: CYT	To: CYT
Flt No: 04-019	Blk In: 2037z	ATA: 2034z
ETD: 15z	Blk Out: 1446z 1446z	ATD: 1450z
ETE: 6+30	Blk Time: 5.9	Flt Time: 5+44 (5.7)
Sponsor Org: OAR	Program: ATREC	Purpose: FLT #4

AOC Personnel

AC: McCann, B	Sys Eng: Hill, J
CP: Finn, M / YATES, G	Data Sys: Hornbrook, C
Nav:	Radar: BREGAN, D
FE: ROTZVELL, K	GPS/BT:
FD: FLAHERTY, P	Cld Phys:
Avionics:	Proc Man: MASON, B

Participating Scientists / Visitors / AOC

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

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

1437-MANUS AIRCRAFT

1446-BLOCKED OUT

Drop 9 - EARLY (1min)

60W 30W 330-360
5B 43 RPD SVR TMB
BY COMM. PILOT

ID: 031202N Time Off: 1450Z Time On: 2034Z

Pressure	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
	986.3	29.60	989.5	29.72

	Number	Data Disposition / Date / Quality
Alt Lvl Tapes		
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
XBT		
XCP		
XCTD		
Probes	24	22 GOOD - 2 BAD

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

Remarks: 2 sondes were fast-falls w/ no winds. Both were BACKED UP. 22 OBS.

N49RF AOC Flight Director's GPS Dropwindsonde Log

FLIGHT ID 031202N FLIGHT DIRECTOR FLAHERTY Page 1 of
MISSION ID ATREC STORM/Track ID FLT#04 Total # of dropsondes 24

[illegible]

G-IV Error Summary

Flight # 031202n

(TReC Flight #4)

Block out:	1446z	
Take-off:	1450z	Block Time: 5.9
Landing:	2034z	Flight Time: 5.7
Block in:	2037z	

Total number of drops: 24
Total number of observations: 22

Flight Summary:

TReC Flight #4 was a straight shot out to 60N/35W, over to 58N/52W, and back to CYYT.

Severe turbulence was reported by other aircraft in the area, however, only light to moderate turbulence was experienced by the G-IV. This happened between 1530-1545 and 1720-1735.

	Corrected Aircraft Altimeter	Station Altimeter
Take-off	1002.1	1002.4
Landing	1005.4	1006.4

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

N49RF AVAPS DropSonde Log

N49RF Project: TEST Flight ID 031202N

Mission: STORM-STEP Flight #: RF04 Launcher S/N: 02 Status: Sys 1 ☒ Sys 2 ☒

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	GOOD ☒
1	024415184	1	1508	0	25	DJ		☒
2	021735241	2	1518	0.6	23	DJ		☒
3	024415160	1	1528	0	30	DJ		☒
4	024415165	2	1538	0	14	DJ		☒
5	022625082	1	1548	-1.0	18	DJ		☒
6	033518062	2	1558	0	30	DJ	REVD	☒
7	024415042	1	1608	0.5	14	DJ		☒
8	024415109	2	1618	0	19	DJ	LOST WINDS AT 650MB	☒
9	022625079	1	1627	-1.0	21	DJ		☒
10	022625084	2	1638	-1.3	6	DJ		☒
11	024415038	1	1647	0.4	22	DJ		☒
12	021735227	6	1709	0	12	DJ		☒
13	024415167	1	1726	0	21	DJ		☒
14	024415179	1	1743	0	13	DJ		☒
15	023235104	1	1802	0	18	DJ		☒
16	024415321	1	1819	0	23	DJ		☒
17	024415046	1	1834	0.6	18	DJ		☒
18	024415110	2	1846	0	16	DJ		☒
19	024415159	1	1859	0	16	DJ		☒
20	024415390	1	1915	0	20	DJ		☒
21	024415039	1	1930	0.7	—	DJ	NO WINDS FAST FALL	☒
22	024415164	2	1932	0	16	DJ	BU TO 21	☒
23	024415040	1	1946	0	—	DJ	NO WINDS FAST FALL	☒
24	024415161	2	1948	0	25	DJ		☒
25								
26								
27								
28								
29								
30								
31								
32								
33								

ERROR DRAWING - C LABVIEW