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

AOCWF1

Flt ID: 040304N	From: PHNL	To: PHNL
Flt No: 04 – 053	Blk In: 0023	ATA: 0018 Z
ETD: ~~1800~~ 18Z	Blk Out: 1729 Z	ATD: 1742 Z
ETE: 7.0	Blk Time: 6.9	Flt Time: 6+36 6.6
Sponsor Org: NOAA A.L. / SSMI	Program: STJ / SSMI	Purpose:

AOC Personnel

AC: YATES	Sys Eng: BROGAN
CP: FINN / HAGAN	Data Sys: HILL
Nav:	Radar:
FE: ROTTEVEEL	GPS/BT:
FD: FLAHERTY	Cld Phys:
Avionics: ROGERS	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
TUCK, A	PI	NOAA A.L.

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

1742 - DATA SYSTEM CRASHED AT TAKEOFF

1755 - BACK UP

DROP 2 - LATE DETECT

DROP 10 – CAN NOT DROP (AIR LANE) – ADJUSTED DROPS 7 – 14 SLIGHTLY

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AOCWF2

Flt ID: 040304	Time Off: 1742	Time On:

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1018.7 mb	3007	1016.3	3004

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes		
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	14	

Video

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

Remarks

14 SONDES FOR 55WI

PLT BILLED TO NOAA A.L.

NOAA G-IV
WINTER STORMS 2004
Sub-Tropical Jet / SSMI
Flight 18, - NOAA-AL

Flight ID: 040304n

Sensor or system	*Number or Name*
Inertial (for wind derivation)	*VEW_PITR/VNS_PITR*
Temperature Probe	*AT3*
Dew Point Probe	*DPRC*
Static and Dynamic Pressure	*PS2C/QC2C*
Constants File	*49cal032*

Notes:

The data system crashed at take-off. Data for the flight begins at 1755Z

There were no time/data glitches during this flight. Dynamic pressures seemed a little bit choppy.

All other instruments worked properly.

	Takeoff	Landing
Aircraft Static Pressure	1016.7mb	1016.3mb
Station Altimeter	30.07"	30.04"

Flight Director: Contact Paul Flaherty
Phone #: (813) 828-3310 ext. 3094

N49RF AVAPS DropSonde Log

N49RF Project: WS04 Flight ID 040304N

Mission: SSMIS Flight #: RF18 Launcher S/N: 02 Status: Sys 1 OK Sys 2 OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	GOOD ☑
1	023555116	1	1843	0	20			✓
2	023555098	2	1848	0	120		LATE WINDS	✓
3	023555018	3	1853	0	31			✓
4	023555020	4	1901	0	25			✓
5	024125283	1	1907	0.5	37			✓
6	024125291	2	1914	0.4	40			✓
7	023555113	3	1921	0	21			✓
8	025148053	4	1928	0	26			✓
9	023555014	1	1934	0	22			✓
10	030725323	2	1945	0	19			✓
11	032335026	3	1952	0	27			✓
12	024125289	4	1958	0.5	20			✓
13	023555102	1	2005	0	20			
14	030725390	2	2012	0	19			
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CHARLIE TO SSMIS

N49RF AOC Flight Director's GPS Dropwindsonde Log

FLIGHT ID 040304N FLIGHT DIRECTOR FLAHERTY Page ___ of ___

MISSION ID _____ STORM/Track ID _____ Total # of dropsondes ___

#	Sonde ID	Time (Z)	Lat (N) / S	Lon (W) / E	Weather Conditions	Winds	Surface Press.	Ob #	WMO KWBC #	Send Time	Sat Com Fails
1	55116	184306	2453	163 58	few SC	20	1023.9	1			
2	55098	184941	2418	164 09	[redacted] CANCIT		1023.8 DETECT	2	LATE		
3	55018	185338	2344	164 16	SCT SC	31	1023.5	3			
4	55020	190105	2255	164 27	BKN SC	25	1022.9	4			
5	25283	190744	2212	164 36	SCT SC	37	1022.1	5			
6	25291	191413	2131	164 45	BKN SC	40	1021.9	6			
7	55113	192401	2047	164 54	BKN SC	21	1021.5	7			
8	48053	192808	2001	165 03	SCT SC	26	1020.7	8			
9	55014	193440	1919	165 11	SCT SC	22	1020.2	9			
10	25323	194511	1810	165 26	FEW SC	19	1019.0	10			
11	35026	195202	1726	165 34	FEW SC	27	1018.0	11			
12	25289	195858	1641	165 43	SCT SC	20	1017.8	12			
13	55109	200545	1557	165 52	SCT SC	29	1017.9	13			
14	25390	201233	1515	1600	SCT SC	19	1016.2	14			
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