

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

AOCWF-1

Flt ID: 040314N	From: PHNL	To: PHNL
Flt No: 04-	Blk In: 0215Z	ATA: 0213Z
ETD: 20Z	Blk Out: 1941Z	ATD: 1952Z
ETE: 7+00	Blk Time: 6+34	Flt Time: 6+21
Sponsor Org: NCEP	Program: WINTER STORMS	Purpose: FLT TRK 36

AOC Personnel

AC: YATES, G	Sys Eng: HILL, J
CP: FINN, M	Data Sys: BROGAN, D
Nav: HAGAN, J	Radar:
FE: ROTHEVEL, K	GPS/BT:
FD: FLAHERTY, P	Cld Phys:
Avionics: ROGERS, M	PM PARROTT, J

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
TUCK, A	SCI	NOAA A-L.
VAN RAUENSWAY, D	VIS	NOAA T.I.A.

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

230610-230620

LOW CENTER ??

NOAA 9 33WSC TRACK 36

Flt ID: 040314N Time Off: 1952z Time On: 0213z

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1018.2	3008	1014.6	2999

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes		
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	22	19 FM NCEP (16 OBS, 3 BAD SONDES)

Video

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

Remarks

22 SONDES
19 - NCEP (15 GOOD SONDES, 1 EARLY TERM, 3 BAD SONDES)
3 - AOC (PROTOTYPES)



NOAA G-IV
WINTER STORMS 2004
Flight 26 – Track 36

Flight ID: 040314N

Sensor or system

Inertial (for wind derivation)

Temperature Probe

Dew Point Probe

Static and Dynamic Pressure

Constants File

Number or Name

VEW_PITR/VNS_PITR

AT3

DPRC

PS2C/QC2C

49cal032

Notes:

There were no time/data glitches during this flight.

All instruments worked properly.

	Takeoff	Landing
Aircraft Static Pressure	1018.2 mb	1014.6 mb
Station Altimeter	30.08"	29.99"

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

N49RF AOC Flight Director's GPS Dropwindsonde Log

FLIGHT ID 040314N FLIGHT DIRECTOR FLAHERTY Page 1 of 1

MISSION ID WINTER STORMS STORM/Track ID Track 36 Total # of dropsondes 19

#	Sonde ID	Time (Z)	Lat (N / S)	Lon (W / E)	Weather Conditions	Winds	Surface Press.	Ob #	WMO KWBC #	Send Time	Sat Com Fails
1	15289	210352	2645	15045	FEW CI / SCT SC	16	1019.1	1	212601	2127	φ
2	28016	- BAD SONDE									
3	15332	212351	2825	14817	FEW CI / SCT SC	20	1018.9	2	222502	2225	φ
4	15290	- BAD SONDE									
5	15059	214308	3004	14558	SCT SC	22	1008.3	3	222520	2228	φ
6	15208	215930	3130	14400	SCT CI / SCT SC	17	1011.3	4	222531	2227	φ
7	35354	221527	3340	14317	BKN CI / OVC SC	9	1018.1	5	225757	2258	φ
8	15352	223154	3600	14330	BKN CI / OVC SC	45	1017.8	6	225803	2259	φ
9	35352	- BAD SONDE									
10	18036	225050	3829	14429	FEW CI / BKN SC	43	1018.5	7	232923	2332	2
11	18049	230549	4000	14600	SCT CI / OVC SC	16	1019.1	8	232932	2332	φ
12	35358	232050	4000	14830	SCT CI / OVC SC	31	1018.5	9	235650	2357	φ
13	35316	233543	4145	15100	BKN CI / OVC SC	25	1019.2	10	235706	2357	φ
14	35116	234905	3845	15300	FEW CI / OVC SC	18	1019.6	11	002935	0030	φ
15	35321	000307	3700	15415	FEW CI / OVC SC	28	1019.9	12	002945	0031	φ
16	46062	001803	3500	15515	FEW CI / OVC SC	20	1019.3	13	005506	0056	φ
17	35317	003242	3300	15600	FEW CI / OVC SC	22	1021.4	14	005514	0058	φ
18	25079	004828	3045	15630	"	30	1020.9	15	011229	0116	φ
19	25079	010436	2830	15700	"	49	1021.5	16	012647	0128	φ
20											
21											
22											
23											
24											
25											

EARLY
TERM

N49RF AVAPS DropSonde Log

N49RF Project: WS 04 Flight ID 040314N

Mission: _____ Flight #: RF 26 Launcher S/N: 02 Status: Sys 1 X Sys 2 X

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	GOOD ☒
1	003 815 289	1	21:03	0	16	MEP		X
2	003 828 016	2	21:22	0	-		NO WINDS	
3	003 815 332	1	21:23	-1.4	20			X
4	003 815 290	1	21:41	0	-		LATE WINDS - 145 sec	
5	003 815 059	2	21:43	-1.4	22			X
6	003 515 208	3	21:59	-1.0	26			X
7	032 335 354	4	22:15	0	9			X
8	003 815 352	1	22:32	-1.4	45			X
9	032 335 352	2	22:48	0	-		- NO DATA	
10	032 318 036	3	22:50	-1.4	43			X
11	032 318 049	1	23:05	-1.7	16			X
12	032 335 358	2	23:20	0	31			X
13	032 335 316	3	23:35	-1.6	25			X
14	032 335 116	1	23:49	0	18			X
15	032 335 321	2	00:03	-1.5	28			X
16	032 146 062	3	00:18	-1.8	20			X
17	032 335 317	1	00:32	0	22			X
18	003 815 257	2	00:53	0	30			X
19	003 825 079	3	01:04	-1.4	49			X
20	031 018 170	1						
21								
22								
23								
24								
25								
26								
27								
28	033 415 212		22:32	0	45		Drop 1	
29	033 415 464		23:05	-1.5	16			
30	033 415 209		23:35	0	-		NO WIND, NO SAT	
31	033 415 529			-1.4				
32								

27/15/11

26 45 150 45

28 15 148 30

29 56 146 09

31 30 144 00

5 33 40 143 ¹⁷

6 36 143 30

7 38 15 144 15

8 40 146

40 148 ³⁰

39 45 151

11 38 45 153

17 37 154 15

13 35 155 15

33 156

30 45 156 30

28 30 157