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

AOCWF1

Flt ID: N050212	From: PHNL	To: PHNL
Flt No: 05 – 51	Blk In: 0313Z	ATA: 0311Z
ETD: 2000Z	Blk Out: 1938Z	ATD: 1952Z
ETE:	Blk Time: 7:35 (7.6)	Flt Time: 7:19 (7.3)
Sponsor Org: NCEP	Program: WS2005	Purpose: TRACK 37

AOC Personnel

AC: POSTON	Sys Eng:
CP: FINN / ODELL	Data Sys: HORNBROOK
Nav:	Radar:
FE:	GPS/BT: BROGAN
FD: DAMIANO	~~Cfg Phys~~: OLNEY
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
FISCHMAN, D	OBS	CORPS / NOAA / ~~Ship~~
MC MANUS, P.	OBS	NOAA / Fisheries
JACKSON, S.	OBS	CORPS / NOAA / Ship

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

CLD TOPS 27K on climb out

MADS using TT3

2002 Post Proj

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AOCWF2

Flt ID: N050212	Time Off: 1952Z	Time On: 0311Z

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1015.5	30.04 / 1016.8	1012.5	29.98 / 1014.5

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	1	
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	19	16 good; 3 bad (no winds; no launch detect; lost winds
		Sent 16 messages to NCEP

Video

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

Remarks 1943Z PACC ASOS

NOAA G-IV ERROR SUMMARY
WINTER STORMS 2005
MISSION #9

Flight ID: N050212

Sensor or system	Number or Name
INE (for wind derivation)	VEW, VNS
Accelerometer	ACINS
Temperature Probe	AT1
Dew Point Probe	DPRC
Static Pressure	PS1C
Dynamic Pressure	QC1C
Attack Angle	AKRD2
Slip Angle	SSRD1
Vert. Wind	PALT
Constants File	49cal041
Project Directory	/proj/501

Local surface observation not current or unavailable.

Notes:

There were no time/data gaps.

The Aeronomy Lab's Ozone operated optimally for the entire mission.

PS2M failed at 204437Z and remained that way for the rest of the flight.

All other instruments worked optimally during the flight.

	Takeoff	**Landing**
Aircraft Static Pressure	1015.5mb	1012.5mb
Corrected Tower Pressure	1016.8mb	1014.8mb

Flight Director: A. Barry Damiano (813) 828-3310 ext. 3073

N49RF AOC GPS Dropwindsonde Log

Flight ID N050212 Flight Director DAMIANO Page 1 of ___

Mission ID 15WSC Storm TRACK P37

Drop#	~~Channel~~ # SONDE ID	Time (UTC)	Lat (°N)	Lon (°W)	Sfc Prs mb	WX Cond.	Comments WS(s)	KWBC	OB #	SatComm Failures	Sent Time
1	04221[illegible]	205343	2545	15115	1017.8	[illegible]	23	[illegible]	1	—	2119
2	04221[illegible]5062	211203	2700	14845	1015.4	THN CIR/ -SCTSC	16	LOST WINDS		—	[illegible]
3	04221[illegible]5106	211624	2718	14810	1014.8	THN CIR/SCT SC	35	164047	2	[illegible]	2129
4	04221[illegible]5054	213003	2815	14615	1012.9	-SCT SC	15	165820	3	—	2157
5	04221[illegible]5102	214915	2930	14430	1005.5	CIR/CB	NO	WIND	S	—	[illegible]
6	04221[illegible]5115	215040	2937	14319	1004.0	CIR/CB	26	171921	4	—	2218
7	04221[illegible]5013	220433	3100	14100	[illegible]	[illegible]	NO	[illegible]	DE	TECT	[illegible]
8	04221[illegible]5011	220824	3106	14054	1008.0	CIR/CB	20	173354	5	—	2233
9	04221[illegible]5116	222444	3300	13915	[illegible]	CIR/CB	25	174807	6	—	2247
10	04221[illegible]5107	224233	3516	13802	1015.0	CIR/CB	22	180535	7	—	2307
11	04221[illegible]5109	230156	3745	13831	1017.1	CLR	16	182539	8	1	2329
12	04221[illegible]5159	232046	3944	14002	1018.9	SCT CB/SC	31	184153	9	—	2340
13	04221[illegible]5013	233232	4015	14015	[illegible]	-SCT SC	27	[illegible]	10	1	0009
14	04221[illegible]5114	000354	4013	14630	1022.6	SCT SC	14	193236	11	—	0031
15	04221[illegible]5026	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	0048
16	04221[illegible]5002	004516	3630	15045	1021.7	SCT CB	9	200939	13	—	0108
17	04221[illegible]5055	010104	3415	15215	1020.8	-SCT SC	19	203100	14	—	0130
18	04221[illegible]5108	012708	3145	15315	1021.3	SCT SC	18	205229	15	—	0151
19	04221[illegible]5026	014823	2915	15415	1020.5	SCT SC	13	211029	16	—	0209

WINDS FAIL at 1000 mb

Quit at 229 mb

11111

use as example

15WSC TRACKP37

WSRP37

Departure: Honolulu
Arrival: Honolulu
ETE = 7+36

CLUTS	Intersection	
Drop Turn 1	25 45N	151 15W
Drop 2	27 00N	148 45W
Drop 3	28 15N	146 15W
Drop Turn 4	29 30N	143 30W
Drop Turn 5	31 00N	141 00W
Drop Turn 6	33 00N	139 15W
Drop Turn 7	35 15N	138 00W
Drop Turn 8	37 45N	138 30W
Drop Turn 9 CP	39 45N	140 00W
Drop Turn 10	40 15N	143 15W
Drop Turn 11	40 15N	146 30W
Drop Turn 12	38 30N	149 00W
Drop Turn 13	36 30N	150 45W
Drop Turn 14	34 15N	152 15W
Drop 15	31 45N	153 15W
Drop Turn 16	29 15N	154 15W
APACK	Intersection	