

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

Flt ID: 060225N	From: PANC	To: PIANL
Flt. No: 06-642	Blk In: 0454 Z	Time On: 0446 Z
ETD: 2113 Z	Blk Out: 2052 Z	Time Off: 2116 Z
ETE: 8+00	Blk Time: 8+02 (8.0) Hrs	Flt Time: 7+30 (7.5) Hrs
Sponsoring Org: NCEP	Program: Winter Storms	Purpose: Flight 14

AOC Flight Crew

Aircraft Commander: Finn	Data System: Rogers
Co-Pilot: Odell, Longenecker	AVAPS: Brogan
Navigator: /	System Eng: /
Flight Eng: K. Tsou /	A A: /
Flight Director: Mayeaux /	A A: /
Avionics: Carpenter	Crew Chief: /

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)

Storm Name: NOAA 9 18WSC Track 99

Mission ID: 14 Drops 26/00Z C 44N139W

Penetration number and time

Problems w/ govt's probe before takeoff

Recco Times Fix # Fix Time
 Drupoint Left & Right 10 pt spread. See Sounding

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Flight ID: 060225N	Time Off: 2116 Z	Time On: 0446 Z
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A/C Takeoff	Wx Station Takeoff	A/C Land	Wx Station Land
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Pressure	1018.9 → 1019.5 mb	3025 mb	1012.2 mb	2994 mb
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ATIS	Time	Observation
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Takeoff	1953 Z	12006KT 3/4sm -5m br fvw060 Bkn019 ok049 -11/-12 A3025
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Land	0353 Z	05010KT 10sm fvw043 23/15 A2993
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	Number	Data Disposition / Date / Quality
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Flight Level Tapes	1	
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Radar Tapes		
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Cloud Physics Tapes / CDs		
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Video Tapes		
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Dropsondes	16	Good: 14 Bad: 2
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AXBT		
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AXCP		
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AXCTD		
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Remarks:	2 Drops CP 40N 130W	
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N49RF AVAPS DropSonde Log

Project: WS '06 Flight ID: 060225n Flt Dir: MAYEAUX
 Mission: _____ Flight #: RF14 Status: Sys 1 ☒ Sys 2 ☒ Launcher S/N: 02

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments /Status/ Failure Reason	\$	GOOD ☒
1	053 316 051	1	2225	Ø	Ø	DWC	OK		✓
2	053 416 069	1	2249	Ø	Ø				✓
3	053 166 266	1	2305	Ø	2				✓
4	053 416 158	1	2329	Ø	1				✓
5	053 166 264	1	2353	Ø	3				✓
6	053 116 172	1	0018	Ø	Ø				✓
7	053 416 121	1	0039	Ø	2				✓
8	053 116 248	1	0101	Ø	1				✓
9	053 116 166	1	0122	Ø	1				✓
10	053 116 171	1	0144	Ø	3				✓
11	053 166 267	1	0208	Ø	3		Winds wrong early /ok later		✓
12	053 116 169	3	0210	Ø	2		drop #11 b/p / same as Above		✓
13	053 416 157	4	0214	Ø	3		drop #11 2nd b/u - OK		✓
14	053 416 149	1	0232	Ø	3		OK		✓
15	053 116 250	1	0256	Ø	1				✓
16	053 116 017	1	0322	Ø	2				✓
17									
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\$ Codes A = AOC N = NHC/NWS H = HRD OW = NESDIS



NOAA G-IV N49RF
Winter Storms 2006
RESEARCH FLIGHT 14 TRACK 99



Flight ID: N060225

Sensor or system

INE (for wind derivation)
Attack Angle
Slip Angle
Accelerometer
Temperature Probe
Dew Point Probe
Altitude (for vertical wind derivation)
Static Pressure
Dynamic Pressure
True Air Speed
Constants File
Project Directory

Number or Name

VEW,VNS
AKRD2
SSRD2
ACINS
AT3
DPLC
RA
PS2C
QC2C
TAS1
49cal051
601

Notes:

There were no time/data gaps during this flight.

Temperature Sensor two was erroneous throughout the entire flight.

The right dewpoint sensor was ~10 degrees too warm throughout the flight.

Flight Director:

Martin Mayeaux (813) 828-3310 ext. 3086

Winter Storm Reconnaissance Program (WSRP)

Track __ 14 Drops

Date: 25 Feb 2006

Takeoff Time: 2100Z

MISSION ID: NOAA9 18WSC TRACK99

Departure Point: Anchorage

Arrival Point: Honolulu

PANC	61 10N	150 00W	
HOM	59 43N	151 27W	(Homer VOR)
Turn - Drop 1	55 30N	141 40W	
Drop 2	53 45N	138 20W	
Turn - Drop 3	52 00N	135 00W	
Drop 4	49 20N	136 20W	
Drop 5	46 40N	137 40W	
Turn - Drop 6 - CP	44 00N	139 00W	
Drop 7	41 45N	140 15W	
Drop 8	39 30N	141 30W	
Drop 9	37 15N	142 45W	
Turn - Drop 10	35 00N	144 00W	
Drop 11	33 45N	146 45W	
Drop 12	32 30N	149 30W	
Drop 13	31 15N	152 15W	
Turn - Drop 14	30 00N	155 00W	
PHNL	21 19N	157 56W	

N49RF AOC GPS Dropwindsonde Log

Flight ID 060225N

Flight Director Meyeaux

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Mission ID W04A9 18W5C TrakStorm

Drop #	Station ID	Time (UTC)	Lat (°N)	Lon (°W)	Sfc Pres mb	WX Cond.	Comments	OB #	SatComm Failures	Sent Time
2	053116019	224431	5345	13820	1023.2	WINDS 0 CH1	180427	2	0	1805
4	053116158	232906	4920	13620	1006.0	WINDS 1 CH1	185318	4	0	1855
6	053116172	001847	4901	13859	1008.7	WINDS 0 CH1	194234	6	3	1942
8	053116246	010123	3931	14130	1011.5	WINDS 1 CH1	201904	8	0	2020
10	053116171	014442	35	144	1011.9	WINDS 3 CH1	212117	10	10	2122
12	053116169	021030	3339	1420K	—	BAD CH3	—	—	—	—
14	053116149	023229	3238	14936	1017.9	WINDS 3 CH1	215206	12	0	2153
16	053116017	032212	2959	15458	1020.2	WINDS 1 CH1	224300	14	0	2244

0862-73.6
0862-65.6
0861-75