



NOAA G-IV N49RF
WSR-10
26 Mar 2010 NOAA9 54WSC



Flight ID: 100326n

Sensor or system

Accelerometer
Altitude
Attack Angle
Dew Point Probe
Dynamic Pressure
Geopotential Altitude
Inertial Selected
Static Pressure
Slip Angle
Temperature Probe
True Air Speed
Constants File
Project Directory

Number or Name

ACINS
PALT
AKRD2
DPR
QC2M
GPGALT
VEW, VNS
PS2M
SSRD1
AT3/TT3
TAS2
49cal093
/proj/1001

Local Met Data:

Aircraft Static Pressure
Tower Pressure (corrected)

Takeoff (1927Z)

994.5 mb
993.6 mb

Landing (0143Z)

870.1 mb
868.5 mb

Notes:

Last drop was at 231705Z then mission portion ended with ferry to KRNO.

PS1 stair steps +/- 1mb from 205133Z - 205207Z and throughout. PS2 is default.

DPL starts out 5C colder, still slow to respond and doesn't get colder than -35-40C. RH > 100% from 234837Z - 235516Z and 001526Z - 002436Z over CONUS in high cloud.

PCAB spike down 6 mb from 234816Z - 234918Z.

All other instruments worked optimally during the flight.

12 dropsondes launched: 11 good, 1 bad.

All 11 good drops successfully sent to NCEP and ingested into the 27/00Z model run.

Flight Director:
Phone #:

Jess Williams
(813) 828-3310 ext. 3140

U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center

FLT ID: 100326	From: PANC	To: KRNO
FLT #: 10-062	Blk In: 0151 Z	Lnd Time: 0143 Z
ETD: 2000 Z	Blk Out: 1920 Z	T/O Time: 1927 Z
ETE: 6+0	Total Blk: 10.5	Total Flt: 6.3
Sponsoring Org: NCEP	Program: WSR-10	Purpose:

AOC Flight Crew			
Aircraft Commander: LONGENECKER		Data System: ROGERS	
Co-Pilot: TWINING, I		Avaps: LYNCH, C.	
Navigator: I		System Engineer: GOLDSTEIN	
Flight Eng: ROTTEVEEL, I		AA:	
Flt Director: WILLIAMS, ASH		AA:	
Avionics:		Crew Chief:	
Participating Scientists, Visitors, & Add'l Aircrew on back.		Total # of people on board: 8	# of people listed on back: 0

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	994.5	993.6 2948	870.1 mb	868.45

ATIS - Takeoff	04003 10SM FEW070 SCT200 MO2/M08 A2948
ATIS - Land	3011KT 10SM FEW070 SCT150 B256 11/M10 A3017

Data Source	Number	Data Disposition / Date / Quality / File Name(s)
Flight Level Tapes	1	
Radar Tapes	0	
Dropsondes	12	Good: 11 Bad: 1 Sent: 11
AXBT		

List other data sources on back in Remarks section.

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)	Recco Times:	Fix #	Fix Time
Storm Name: _____			
Mission ID: NOAA9 54 WSC TRACK99			

1345.7
m high

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FLT ID:	T/O Time: Z	Lnd Time: Z
Name (Last, First)	Activity on Aircraft	Affiliation

Remarks:

51.194 - 139.922
 40.732 - 150.469
 39.5 119.8
 39 30 119 48

51 11.64 139 55.32
 40 43.92 150 28.14

Flight ID: 16-062

Flight Director: WILLIAMS/ASH

Mission ID: N04A99 54WSC TRAC1099

Storm/Track:

Pg 1 of 1

[illegible]

213454
213500
213505
2210581
222
4222822
230400
235301

Flight ID: 100326n hvy precip for Mid ATL on 3300thz
Track Number and Drops: Start right away stop 146W 140N

t/o wx: metar:

taf:

Climb Turb/ice:

No Sig

Flight: Cloud tops: 30k ↓

Precip/lightning: S ENE to S,

jet: FL 330 150kt SW
OCN MOD to FL 360

wind: S-SE 10-30
SW 70-90kt
ridge SW W NW 50-70kt

turb: OCNL Mod turb FL 200-400 thru 03z
Armet over CONUS

landing wx: descent turb/ice: LGT TURB

taf: 31015625kt around SS
31011kt UNL SCT 200

local conditions:

Ch. CR low ~30
~~Sat Sun~~ NNW wind

Sea Salt/Volcanic Ash:

27-15-212
218

KABM

146W 4m
-39.5 -119.8
51.194 -139.922
86.732 -150.469

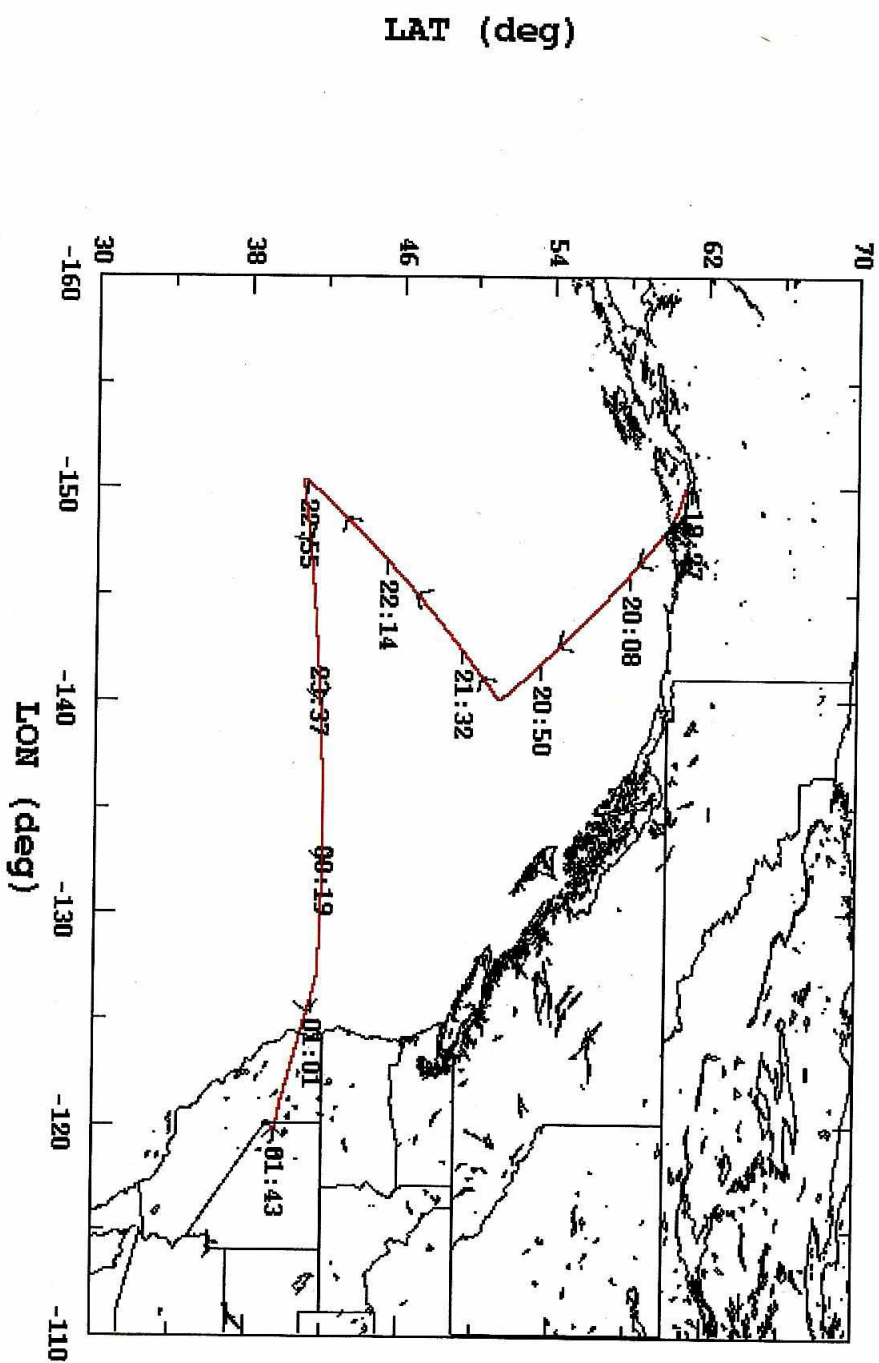
100326n.log - Notepad

File Edit Format View Help

100326n.log	Latitude	Longitude	Press	Temp	DP	WD	WS	MSL Alt	G Alt	Heading	Track	TAS	GS	V vel	Event Comment
19:14:12	61 09.85'N	149 59.11'W	994.9	-1.8	-11.4	358.3	0.4	46.9	47.0	336.2	0.0	0.4	0.0	0.00	Test
19:20:48	61 09.85'N	149 59.12'W	994.7	1.6	-11.1	110.1	0.1	32.8	32.8	336.1	331.8	0.4	0.4	-0.01	block out
19:27:45	61 10.89'N	150 00.26'W	994.5	-2.7	-7.7	15.9	1.7	45.7	45.8	344.6	344.9	75.7	74.2	0.48	take off
19:37:12	59 15.27'N	147 12.99'W	176.8	-49.3	-61.8	141.9	12.3	12028.6	12028.6	149.4	150.6	225.6	216.3	-0.22	drop 1
20:10:15	57 50.65'N	145 43.36'W	176.8	-47.4	-57.1	150.8	13.9	12068.6	12064.9	151.4	153.4	246.1	233.7	-0.22	drop 2
20:30:05	55 39.32'N	143 39.21'W	176.9	-46.3	-57.5	181.2	31.7	12086.2	12080.2	154.9	150.7	246.8	228.6	-0.01	drop 3
20:49:37	53 28.88'N	141 44.56'W	174.1	-52.0	-59.0	186.8	31.8	12266.4	12257.5	190.7	190.7	244.2	212.5	-0.22	drop 4
21:10:18	49 11.21'N	140 00.22'W	169.0	-47.1	-57.9	211.1	29.5	12428.5	12416.9	216.5	217.2	245.6	213.9	-0.31	drop 5
21:32:08	46 50.68'N	142 21.42'W	168.9	-47.4	-57.3	215.3	22.2	12447.7	12431.0	215.4	213.9	247.4	217.9	-0.23	drop 6
21:57:04	44 51.13'N	146 53.40'W	168.9	-47.4	-57.8	214.3	20.7	12468.7	12451.4	214.5	213.6	247.6	225.4	-0.02	drop 7
22:17:31	44 23.36'N	147 19.32'W	168.7	-48.0	-57.6	222.2	21.0	12801.2	12780.9	214.3	212.7	244.9	224.6	-0.00	drop 8
22:22:05	42 44.68'N	148 47.51'W	160.7	-47.6	-57.8	229.6	22.2	12845.1	12822.3	214.3	212.7	240.2	224.6	-0.48	drop 9
22:38:21	40 45.89'N	150 06.55'W	161.3	-51.5	-57.3	272.4	5.7	12877.6	12855.2	77.0	79.6	246.9	261.8	-0.06	drop 10
22:57:52	41 14.31'N	146 31.13'W	160.9	-12.8	-58.6	250.1	0.6	1349.7	1349.5	83.3	82.0	53.3	51.0	-0.29	drop 11
01:43:37	39 30.09'N	119 46.01'W	869.9	10.2	-9.6	292.3		1348.5	1348.4	360.0	1.7	0.4	0.9	-0.06	land
01:51:32	39 30.12'N	119 45.87'W	869.8		-9.8	249.1				175.3	97.2				block in

WinterStorms_2010, Flight 100326n

03/26/2010, 19:27:00-01:43:00 PANC-KRNO



LAT (deg), 1 s/sec
LON (deg), 1 s/sec

mean
46.89
-140.37

sigma
6.81
8.59

min
39.35
-150.38

max
61.26
-119.72

