

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

AOCWF-1

Flt ID: N030115	From: KMLF	To: PHNL
Flt No: 03-17-18	Blk In: 1838Z / 0316Z	ATA: 1833Z / 0307Z
ETD: 1300Z	Blk Out: 1351Z / 1952Z	ATD: 1406Z / 2002Z
ETE:	Blk Time: 4:47(4.8) / 7:24(7.4)	Flt Time: 4:27(4.5) / 7:05(7.1)
Sponsor Org: NCEP	Program: WINTER STORMS	Purpose: FERRY TO HAWAII

AOC Personnel

AC: McCANN ✓	Sys Eng: HORN SMITH ✓
CP: POSTON / FINN	Data Sys: HORN BROOK ✓
Nav:	Radar:
FE: KITSON ✓	GPS/BT: BROGAN ✓
FD: DAMIANO ✓	Cld Phys:
Avionics:	PM PARRISH ✓

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
KUSTER, B ✓	AIR CHEM	NOAA / ARL
NORTHWAY, M ✓	AIR CHER	NOAA / ARL

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #) **Will refuel at Williams Airport in AZ (KIWA)**
 Work at 6:30am 1252 08 05 30,30

CRYO Dewpointer was installed prior to departure

CARCAH called at 1805Z to say no flt for Thu + only low chance for FRI

Date Gap

013355-013753

**CRYO
CRYO**

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AOCWF2

 Flt ID: *N030115* Time Off: *1406Z/2002Z* Time On: *1833Z/0307Z*

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	<i>1027.0/971.7</i>	<i>30.30/30.16</i>	<i>973.5/1010.5</i>	<i>30.21/29.82</i>

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

Video

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

Remarks

1830Z 30.20 ~~*Transition*~~

IAS is .80 MACH for most of AZ-SHI leg

TT2+TT3 are running side by side & are coldest at 40K PA

TT4 is warmest

IN CU

FF01 and FF02 are flt .ade file names

0245Z

TT3 is new probe that Gulfstream put on

Check 0200-0220Z. TA+TD

Time	Lat	Long	Trk	Hdg	Wind Dir	Wind Spd	T _a	T _d	Press. Alt	Geo. Alt	Sfc Press.	Press. Sfc	Dyn. Press	Remarks
141835	27°48'	83°21'	273	274	295	24	-28.7	-46.4	7399	7425	—	400	156.4	CLR
142247	27°56'	83°47'	273	274	300	26	-43.7	-55.3	9249	9553	—	300	133.3	CLR
142440	27°51'	84°00	273	271	267	36	-46.0	-59.4	10365	10648	—	250	117.0	CLR
143700	2755	8523	289	288	289	53	-48.8	-65.7	11897	12256	—	194.5	104.9	CLR
151900	2909	9000	283	284	289	59	-49.7	-66.5	11896	12256	—	194.3	105.5	CLR
160920	3008	9538			282	57	-50.5	-66.9	CYROC	-71.92	194.4	105.6		OVR HOUSTON
164300	3051	9926	281	278	271	54	-52.1	-68.0	CYROC	-69.8	194.5	106.0		SCT CIR/OVC SC
172820	3138	10443			263	48	-54.9	-71.1	CYROC	-66.9				
173230									CYROC	-70.5				
175700	3200	10806	285	278	254	51	-56.5	-71.1	CYROC	-68.6	194.6	104.4		THN CIR/CLR
181400	3239	11004	296	289	258	42	-33.4	-52.0	CYROC	-50.2	342.2	155.9		CLR
202400	3250	11332	261	259	257	33	-36.7	-52.4	CYROC	-57.6	326.6	151.9		THN CIR
203800	3246	11514	284	276	238	36	-54.5	-62.2	CYROC	-58.0	235.8	109.9		IN THN CIR
213000	3132	12133	257	255	229	12	-56.2	-71.8	CYROC	-70.3	184.9	102.7		CLR/SC BLW
213700	3120	12000					TROUGH AXIS							
230000	2831	13333	251	261	310	52	-57.2	-71.7	CYROC	-69.2	185.1	101.1		CLR/SC BLW
235000	2642	13902	248	256	284	62	-55.8	-70.6	CYROC	-68.3	185.1	100.7		CLR/SC BLW
004900	2422	14508	246	251	273	56	-55.6	-70.7	CYROC	-67.8	185.1	99.9		CLR/SC BLW
014700	2149	15055	243	247	268	49	-55.5	-70.6	CYROC	-69.2	185.3	101.0		CLR/SC BLW
020800	2112	15305	264	265	272	56	-54.4	-69.5	CYROC	-69.11	185.3	100.0		CLR/SC BLW

N49RF AVAPS DropSonde Log

N49RF Project: WINTER STORMS 03 Flight ID: 030103N

Mission: _____ Flight #: 1 System Status: ✓

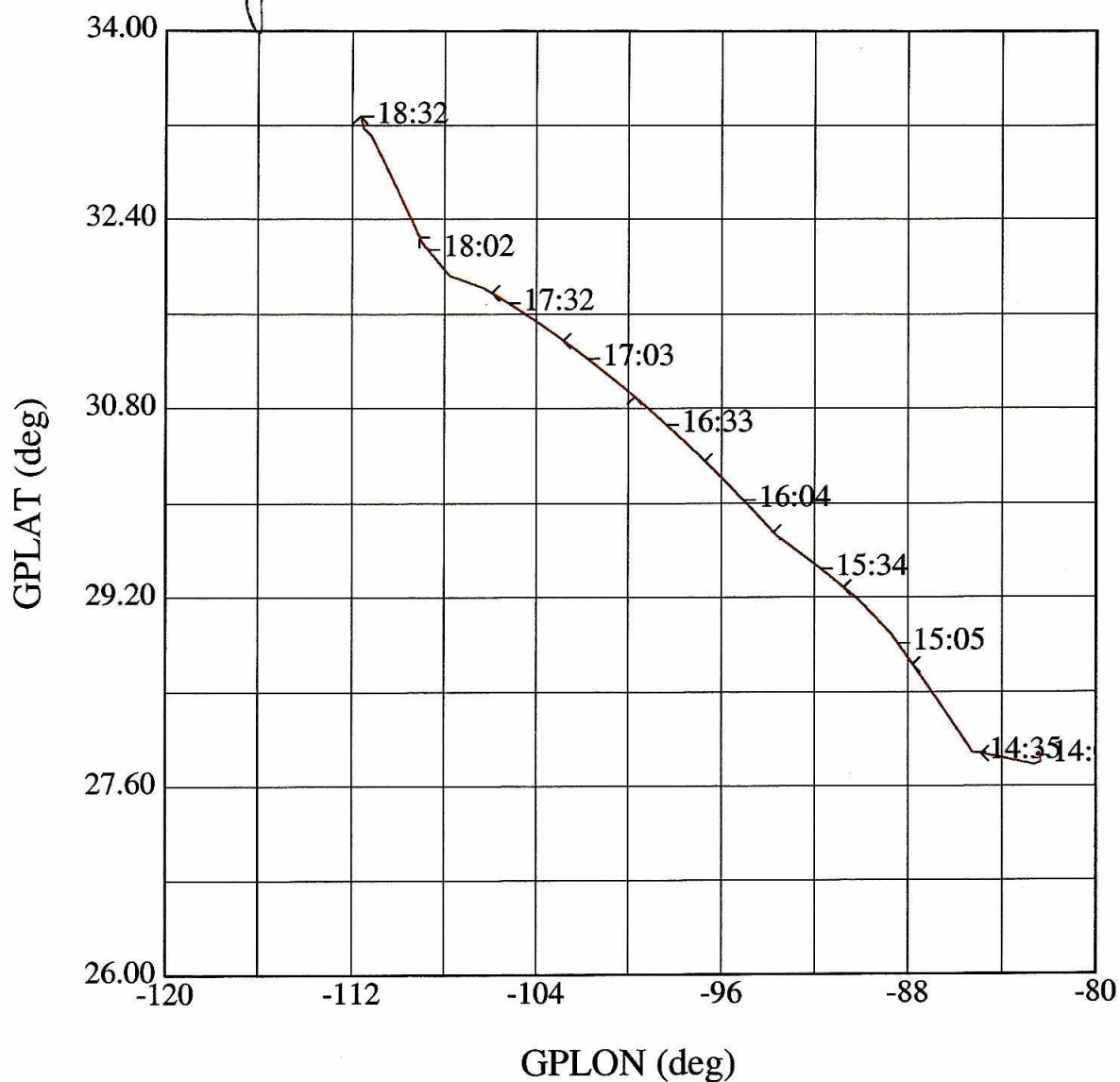
Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	OOD ☒
1	025045251	1-3,5	1526	Ø	75	CH JS	DROPPED OVER CLOUD LAGUN 3500 ft	✓
2	025 018 184	4,6	1526	Ø	60	CH JS	Press failed on launch	B
3								
4	025 010 185	5,7,1	1611	Ø	30	JH	1625 SPLASH TIME	✓
5	025 045 254	8,2	1611	Ø	32	DB JH	1625 SPLASH TIME	✓
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① SPLASH TIME 1541

WinterStorms_2003, Flight #ff01

01/15/2003 UTC, 14:06:00-18:32:00

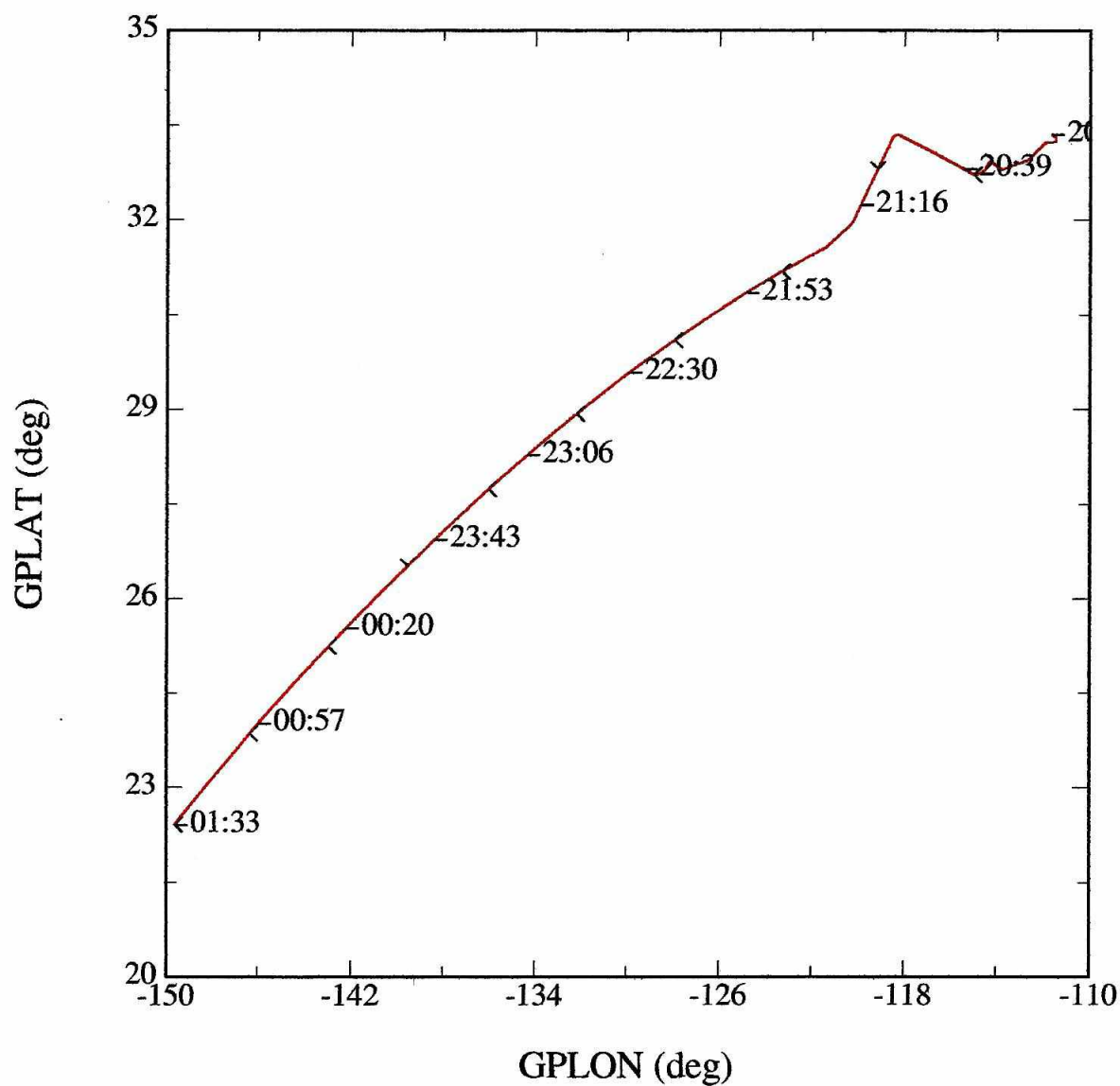
Ferry Flt MCF → PHX



	mean	sigma	min	max
GPLAT (deg), 1 s/sec	30.27	1.57	27.78	33.28
GPLON (deg), 1 s/sec	-96.84	8.70	-111.62	-82.35

WinterStorms_2003, Ferry Flight AZ-->HI

01/15/2003 UTC, 20:03:00-03:33:54



	mean	sigma	min	max
GPLAT (deg), 1 s/sec	28.71	3.34	22.41	33.35
GPLON (deg), 1 s/sec	-131.27	11.36	-149.62	-111.45

WinterStorms_2003, Ferry Flight AZ-->HI

01/16/2003 UTC, 01:37:54-03:07:00

