

## NOAA Aircraft Operations Center - NOAA 49 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20180805N1	FLT #:		AC:	Twining	Scientists:	Pressure		Dropsondes		
From:	KLGB	ETD:		CP(s):	Waddington	Negron	A/C Takeoff		Good	Bad	Sent
To:	PHNL	ETA:			Fritzler		Wx Station Takeoff		20	20	20
Block Time		Flight Time		Nav(s):			A/C Land		BTs		
In:	01 19	In:	0115	FE(s)			Wx Station Land		Good	Bad	Sent
Out:	1729	Out:	1739	FD(s):	Sears	Visitors:	Storm Number ID:	EP102018			
Total:	7.8	Total:	7.6		Flaherty		(ie: AL072012)				
Sponsoring Org:				SEB:	McAlister		TCPOD/WSPOD Mission	NOAA 010E HECTOR			
Program:					Underwood		(ie: NOAA2 2418A SANDY)	<del>WAXA TRAIN</del>			
Purpose:				SSA:	Defeo		<b>OBSERVATIONS</b>				
				AVAPS:	Lynch, C						
AS REQUIRED BY ORM				Y	N	REMARKS	Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH					X						
SCIENCE MISSION WITHIN BDRY LAYER					X						
LACK OF PRECIPITATION					X						
RELATIVE HUMIDITY ≥ 80%					X						
LARGE AIR-SEA TEMP GRADIENT					X						
HIGH SURFACE WINDS					X						
LONG FETCH / DURATION OF SFC WND					X						
SEA SALT ACCRETION FORECAST					X						
SEA SALT ACCRETION OBSERVED											

Additional Remarks:

\*Highlighted items must be completed before departure.

Cockpit Gmax:

Gmin:

33 17 45 143 54.4  
 35 18 28 147 32.7  
 37 19 10 151 32.1  
 39 19 53 153 42.2

11a 24 27 128 43.5  
 13a 22 44 130 19  
 15a 21 02 131 50.4  
 17a 19 20 133 19

## APPENDIX 2 – GIV QC Checklist

<b>Flight ID:</b>	20180805N1
<b>Flight Director(s):</b>	Sears

Pressure Comparison		
	T/O	Land
<b>Aircraft</b>	1009.5	1013.3
<b>Tower</b>	1009.4	1013.1

UWZ.d mean: \_\_\_\_-0.02

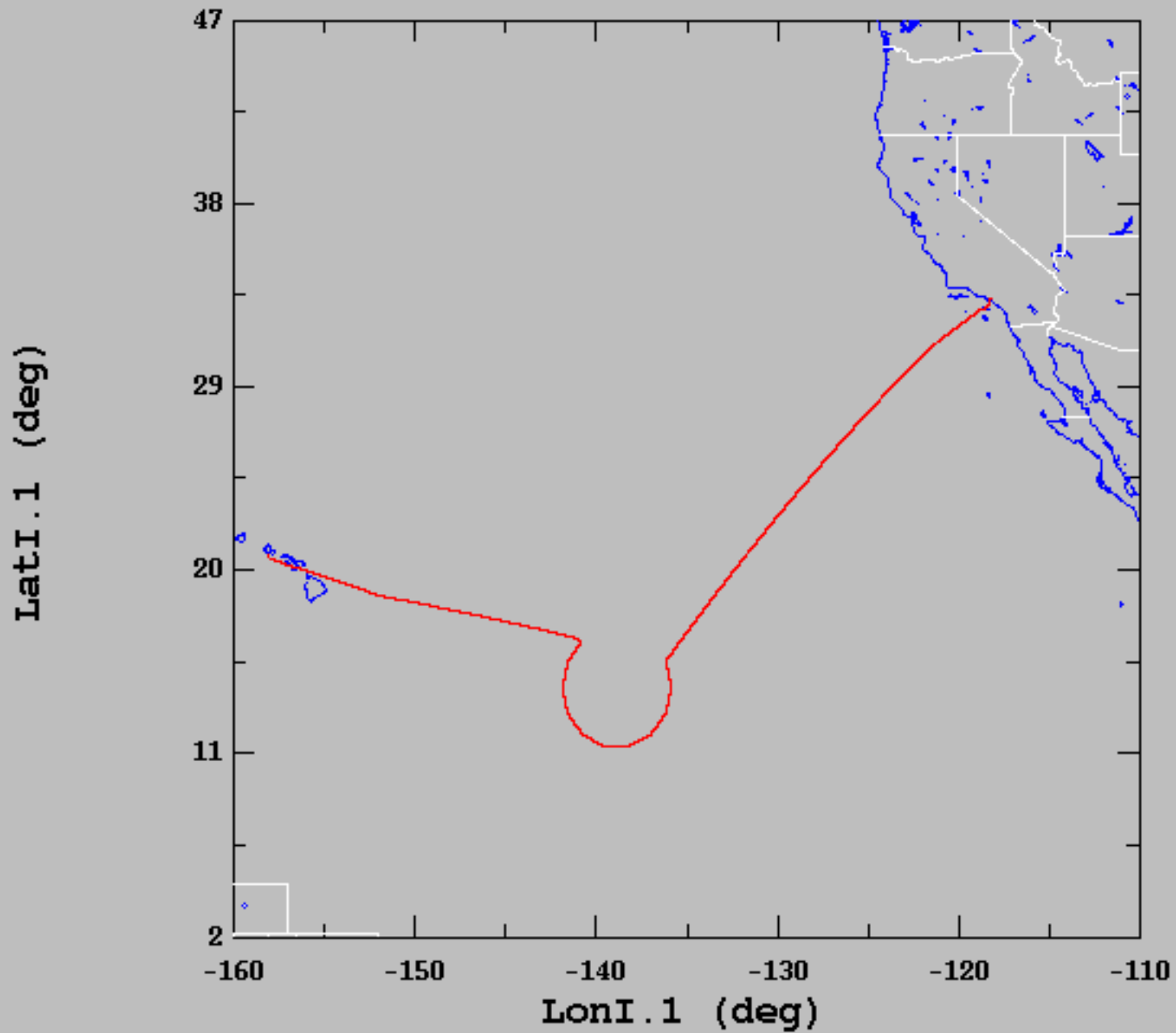
	Raw 1Hz Mean File Parameters				C File Parameters	
<input checked="" type="checkbox"/> Accelerometer	AccAXI.1	AccAYI.1	AccAZI.1		AccZref	
	AccAXI.2	AccAYI.2	AccAZI.2			
	AccAXI.3	AccAYI.3	AccAZI.3			
<input checked="" type="checkbox"/> Altitude	AltGPS.1	AltI.1	AltPaADDU.1	AltBCADDU.1	ALTref	
	AltGPS.2	AltI.2	AltPaADDU.2	AltBCADDU.2	ALTPA.d	
	AltGPS.3	AltI.3	AltRA.1		ALTGA.d	
<input checked="" type="checkbox"/> Ground Speed	GsXI-GPS.1	GsXI.1	GsGPS.1	GsXGPS.1	GSXref	
	GsXI-GPS.2	GsXI.2	GsGPS.2	GsXGPS.2	GSYref	
	GsYI-GPS.1	GsXI.3		GsYGPS.1	GSZref	
	GsYI-GPS.2	GsYI.1	GsZI.1	GsYGPS.2		
	GsZI-GPS.1	GsYI.2	GsZI.2	GsZGPS.1		
	GsZI-GPS.2	GsYI.3	GsZI.3	GsZGPS.2		
<input checked="" type="checkbox"/> Lat/Lon	LatGPS.1	LatI.1	LonGPS.1	LonI.1	LATref	
	LatGPS.2	LatI.2	LonGPS.2	LonI.2	LONref	
	LatGPS.3		LonGPS.3			
<input checked="" type="checkbox"/> Pressure	PDALPHA.1	PQALPHA.1	PQM.1	PSM.1	PDALPHAref	PQMref
	PDALPHA.2	PQALPHA.2	PQM.2	PSM.2	PDBETAref	PQ.c
	PDBETA.1	PQBETA.1	PQM.11	PSM.11	PQALPHAref	PSMref
	PDBETA.2	PQBETA.2			PQBETAref	PS.c
<input checked="" type="checkbox"/> Air Speed	CasADDU.1	TasADDU.1	IasADDU.1		IAS.d	TAS.d
<input checked="" type="checkbox"/> Pitch/Roll	PitchI.1	PitchRateI.1	RollI.1	RollRateI.1	PITCHref	
	PitchI.2	PitchRateI.2	RollI.2	RollRateI.2	ROLLref	
	PitchI.3	PitchRateI.3	RollI.3	RollRateI.3		
<input checked="" type="checkbox"/> Temp/Dewpt	TTM.1	TTM.11	TDM.1		TD.c	TTMref
	TTM.2	TTM.13	TDM.2		TDMref	TA.d
	TTM.3	TTM.4	TDM.11			
<input checked="" type="checkbox"/> Miscellaneous (must check)					UWZ.d	WS.d
					DPJ_WSZ	WD.d
					HUM	

**Mission Documents:**

<input checked="" type="checkbox"/>	Error Summary
<input checked="" type="checkbox"/>	Crew Manifest
<input checked="" type="checkbox"/>	QC checklist
<input checked="" type="checkbox"/>	Dropwindsonde Log(s) – AVAPS and FD if completed
<input checked="" type="checkbox"/>	Miscellaneous FD notes

**NOTES:**

2018-08-05, 16:56:51-25:20:21



	mean	sigma	min	max
— LatI.1 (deg), 1 s/sec	21.72	6.80	11.75	33.84
— LonI.1 (deg), 1 s/sec	-135.91	11.81	-158.05	-118.14





N49RF AOC G<sup>1</sup> Dropwindsonde Log

Flight ID: 2080805N1

Flight Director: FLANERTY/SEARS

ANGEL'S LUNCH

Mission ID: 0110E HECTOR

Storm/Track: HURRICANE HECTOR

Pg \_\_\_ of \_\_\_

Drop #	Ob #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°E)	Wx Cond.	L5/R5?	SFC Prs (mb)	Last Wind Alt (m)	Comments	Ch #	SatComm failures	KWBC #
1	1	35036	1935	24.45	-128.7	BKN BLW	R5	1015.1	/	NO EDITS	1		1956
2	2	55190	1953	22.7	-130.3	BKN BLW	R5	1014.4	/		2		2020
3	3	55184	2010	21.0	-131.8	" " "	"	1013.0	/		3		2032
4	4	25058	2027	19.3	-133.3	" "	"	1012.8	/	A2042 5204315 12047	1		2049
5	5	15284	2044	17.7	-134.7	OVG BLW	"	1010.9	/		2		2114
6	6	35053	2103	15.8	-136.0	" "	"	1010.1	/		3		2127
7	7	25044	2114	14.6	-135.8	" "	"	1006.6	/	REMOVED AC WINDS	4		2154
8	8	55113	2125	13.3	-136.1	" "	"	1006.5	/		1		2214
9	9	35093	2136	12.3	-137.0	BKN BLW	"	1006.7	/		2		2234
10	10	55032	2146	11.8	-138.2	BKN BLW	"		/	EARLY TERM	3	REP!	2249
11	11	55225	2157	11.8	-139.5	BKN BLW	"	1006.8	/		4		2250
12	12	35159	2208	12.4	-140.7	SCT BLW	"	1007.5	/		1		2302
13	13	35031	2219	17.5	-141.5	SCT BLW	"	1007.7	/		2		2312
14	14	25038	2230	14.8	-141.8	"	"	1007.5	/		3		2318
15	15	55173	2241	16.0	-141.4	"	"	1007.7	/		4		2327
16	16	35161	2252	17.1	-141.0	Few BLW	"	1007.8	/		1		2335
17	17	13015	2315	17.8	-143.9	"	"	1009.8	/		2		2339
18	18	35037	2343	18.4	-147.5	"	"	1011.3	/		3		0013
19	19	115024	0011	19.0	-151.0	"	"	1012.2	/		4		0042
20	20	25054	0033	19.8	-153.7	"	"	1013.1	/	LAST REPORT	1		0057
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													

30FR  
1919  
-1919-?  
2020  
2020  
2020  
2121  
2121  
2121  
2121



Phone #: 863.5003986

ACAT-4 Version = 7.1