

U.S. Department of Commerce / NOAA / OMAO / Aircraft Operations Center - N43RF Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	2021092711	FLT #:	1	AC:	Didier	Scientists:	Pressure		Dropsondes		
From:	TISX	ETD:	1200Z	CP(s):	Copare	P Chang	A/C Takeoff		Good	Bad	Sent
To:	TISX	ETA:	1800Z		Doremus	Z Jelenak			ASOS Takeoff		19
Block Time		Flight Time		NAV:	Freeman	J Sapp	ASOS Land				BTs
In:	1815	Land:	1812	FE(s):	Darby	G Alaka			A/C Land		Good
Out:	1032	T/O:	1139	FD(s):	Stokes	H Holbach	ASOS Land				4
Total:	06.7	Total:	06.6	SSA:	Mascaro	Visitors:			Storm Number ID:		AL182021
Sponsoring Org:		AOC			AVAPS:	Warnecke	(ie: AL072012)		03184		
Program:		PRX			SEB:		TCPOD/WSPOD Mission		03184		
Purpose:		SAM			MX:		(ie: NOAA2 2418A SANDY)				
AS REQUIRED BY ORM				Y	N	REMARKS	Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH					X		1	1		967	
SCIENCE MISSION WITHIN BDRY LAYER					X		2	2		965	
LACK OF PRECIPITATION					X	2X Hurricane Pennies	3				
RELATIVE HUMIDITY ≥ 80%					X		4				
LARGE AIR-SEA TEMP GRADIENT					X	19 sondes: 14 nws 3 = 19 5 ovr 3 = 19					
HIGH SURFACE WINDS					X		Pennies:				
LONG FETCH / DURATION OF SFC WND					X						
SEA SALT ACCRETION FORECAST					X						
SEA SALT ACCRETION OBSERVED					X						

*Highlighted items must be completed before departure.

Remarks:

P-3 QC Checklist

Flight ID:	20210927I1
Flight Director(s)	Holmes
UWZ.d mean:	-0.09

Pressure Comparison		
	T/O	Land
Aircraft	1015.2	--
Tower	1013.1	1011.4

	Raw 1Hz Mean File Parameters				C File Parameters	
✓ Accelerometer	✓ AccAXI.1 ✓ AccAXI.2 ✓ AccAXI-GPS.1 ✓ AccAXI-GPS.2	✓ AccAYI.1 ✓ AccAYI.2 ✓ AccAYI-GPS.1 ✓ AccAYI-GPS.2	✓ AccAZI.1 ✓ AccAZI.2 ✓ AccAZI-GPS.1 ✓ AccAZI-GPS.2	✓ AccZfilter-GPS.1 ✓ AccZfilter-GPS.2	✓ AccZref	
✓ Altitude	✓ AltGPS.1 ✓ AltGPS.2 ✓ AltGPS.3 x AltGPS.4	✓ AltI-GPS.1 ✓ AltI-GPS.2	✓ AltPaADDU.1 ✓ AltBCADDU.1	✓ AlTRA.1 ✓ AlTRA.2	✓ ALTref ✓ ALTPA.d ✓ ALTGA.d	✓ AlTRA1.c ✓ AlTRA2.c
✓ Ground Speed	✓ GsXI-GPS.1 ✓ GsXI-GPS.2	✓ GsYI-GPS.1 ✓ GsYI-GPS.2	✓ GsZI-GPS.1 ✓ GsZI-GPS.2		✓ GSXref ✓ GSYref ✓ GSZref	
✓ Lat / Lon	✓ LatGPS.1 ✓ LatGPS.2 ✓ LatGPS.3 x LatGPS.4	✓ LatI-GPS.1 ✓ LatI-GPS.2	✓ LonGPS.1 ✓ LonGPS.2 ✓ LonGPS.3 x LonGPS.4	✓ LonI-GPS.1 ✓ LonI-GPS.2	✓ LATref ✓ LONref	
✓ Pressure	✓ PDALPHA.1 ✓ PDALPHA.2 ✓ PDBETA.1 ✓ PDBETA.2	✓ PQALPHA.1 ✓ PQBETA.1	✓ PQM.1 ✓ PQM.2 ✓ PQM.3 ✓ PQM.4	✓ PSM.1 ✓ PSM.2 ✓ PTM.1	✓ PDLAPHaref ✓ PDBETAref ✓ PQALPHaref ✓ PQBETAref	✓ PQMref ✓ PQ.c ✓ PSMref ✓ PS.c
✓ Air Speed	✓ CasADDU.1	✓ TasADDU.1	✓ IasADDU.1		✓ IAS.d	✓ TAS.d
✓ Pitch / Roll	✓ PitchI.1 ✓ PitchI.2 PitchI.3	✓ PitchRateI.1 ✓ PitchRateI.2 PitchRateI.3	✓ RolLI.1 ✓ RolLI.2 RolLI.3	✓ RollRateI.1 ✓ RollRateI.2 RollRateI.3	✓ PITCHref ✓ ROLLref	
✓ Temp / Dewpt	✓ TTM.1 ✓ TTM.2 TTM.3	✓ TDM.1 ✓ TDM.2 TDM.3	✓ TRadD.1 ✓ TRadS.1 x TRadU.1		✓ TD.c ✓ TDMref	✓ TTMref ✓ TA.d
✓ Misc. (Must check)					✓ UWZ.d ✓ DPJ_WSZ ✓ HUM	✓ WS.d ✓ WD.d

FLID_Mission_Documents.pdf:
✓ Error Summary
✓ Crew Manifest
✓ QC Checklist
✓ Dropwindsonde Log(s) - AVAPS and FD if completed
✓ Flight Track
✓ Miscellaneous FD Notes

QC Key	
Not checked	<input type="checkbox"/>
Valid	<input checked="" type="checkbox"/>
Errors (note)	<input checked="" type="checkbox"/>

NOTES:

Data system shut down before landing, no landing pressure available

Data system restart for 13 minutes in route @ 12:43 to 12:56

Alt, Lat, and Lon GPS.4 inop

TRadU.1 inop/not used

AVAPS Drop Log

Project: Hure 21

Mission: SAM

Flight ID: 20210927II

Take Off: 1136Z

Landing: _____

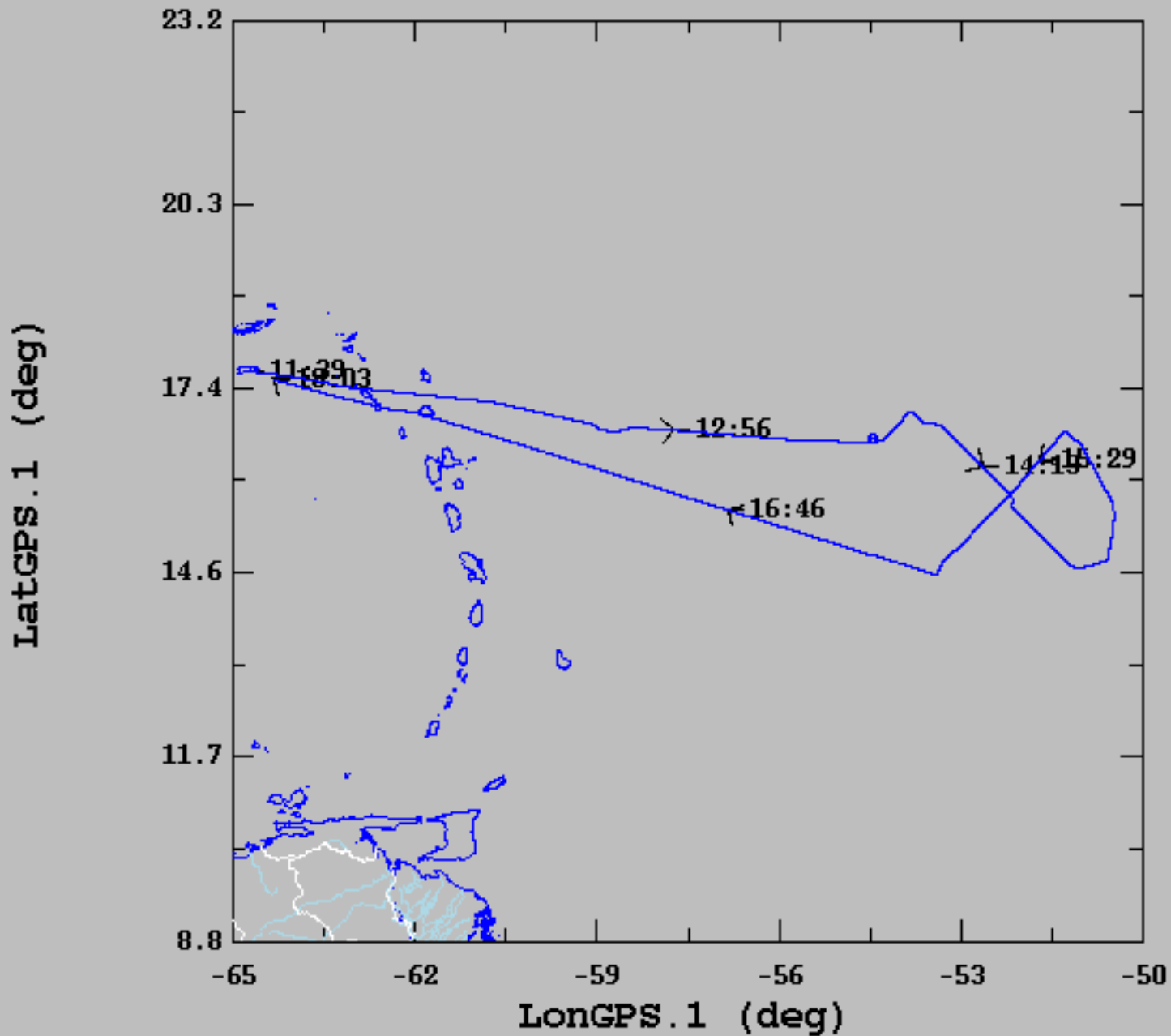
Flt Dir: Holmes

Launcher S/N: _____

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time	Operator	Charge \$\$ To	Comments	Good ?
1	210440143	1	Ø	1405	JW	NWS	Ⓢ IP #1	✓
2	212250272	2	Ø	1417		NWS	MP #1	✓
3	210520212	3	Ø	1422		ONR	RMW 1-1	✓
4	212750190	4	Ø	1423		ONR	RMW 2-1	✓
5	210540329	5	Ø	1423		NWS	RMW 3-1	✓
6	210540417	6	Ø	1425		NWS	CTR 1	✓
7	210420791	7	Ø	1428		NWS	RMW 1-2	✓
8	210731056	8	Ø	1436		NWS	MP #2	✓
9	210520218	1	Ø	1447		NWS	Ⓢ EP #1	✓
10	210710339	2	-A	1520		NWS	Ⓢ IP #2	
11	210540634	3	Ø	1532		NWS	MP #3	
12	210520219	4	Ø	1539		ONR	RMW 4-1-2	
13	210420745	5	Ø	1539		NWS	RMW 2-2	
14	210540214	6	Ø	1539		ONR	RMW 3-2	
15	210731090	7	Ø	1541		NWS	Ⓢ CTR 2	
16	210520142	8	Ø	1543		ONR	RMW 1-3	
17	210420750	1	Ø	1544		NWS	RMW 1-3	
18	210850527	2	Ø	1554		NWS	MP	
19	210520233	3	Ø	1604		NWS	Ⓢ EP #2	
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

2 of 12 RMW = ONR
 4 of 12 RMW = NWS
 All else = NWS

2021-09-27, 11:39:42-18:03:17



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	16.28	0.89	14.53	17.70
— LonGPS.1 (deg), 1 s/sec	-56.36	4.25	-64.75	-50.46
— LatGPS.1 (deg), 1 s/sec	16.28	0.89	14.53	17.70
— LonGPS.1 (deg), 1 s/sec	-56.36	4.25	-64.75	-50.46