



## U.S. Department of Commerce / NOAA / OMAO / Aircraft Operations Center - N42RF Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20200821H	FLT #:		AC:	Abitbol	Scientists:	Pressure		Dropsondes		
From:	TISX	ETD:	0830Z	CP(s):	Mitchell	P. Chang	A/C Takeoff		Good	Bad	Sent
To:	TISX	ETA:	1600Z	NAV:	Rannenberg	Z. Jelenak			18	0	18
Block Time		Flight Time		FE(s):	Richards (B)		ASOS Takeoff		BTs		
In:	0826	Land:	0843	FD(s):	Darby				Good	Bad	Sent
Out:	1545	T/O:	1542	SSA:	Lalonde		A/C Land		0	0	0
Total:	7.3	Total:	<b>7.2</b>	AVAPS:	Holmes				ASOS Land		
Sponsoring Org:	EMC/NHC (NWS)			SEB:	Mascaro	Visitors:	Storm Number ID:		<b>AL132020</b>		
Program:	PRX			MX:	Underwood		(ie: AL072012)				
Purpose:	Combo TDR (EMC) / Fix (NHC)						TCPOD/WSPOD Mission		0213A CYCLONE		
							(ie: NOAA2 2418A SANDY)				
AS REQUIRED BY ORM				Y	N	REMARKS	Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH					x		<b>1</b>			1011	
SCIENCE MISSION WITHIN BDRY LAYER				x							
LACK OF PRECIPITATION					x	3 X TS Pennies	<b>2</b>			1011	
RELATIVE HUMIDITY ≥ 80%				x							
LARGE AIR-SEA TEMP GRADIENT					x		<b>3</b>			1009	
HIGH SURFACE WINDS					x						
LONG FETCH / DURATION OF SFC WND					x		<b>4</b>				
SEA SALT ACCRETION FORECAST					x						
SEA SALT ACCRETION OBSERVED							<b>Pennies:</b>				
Remarks:							*Highlighted items must be completed before departure.				

## P-3 QC Checklist

<b>Flight ID:</b>	<b>20200821H1</b>
<b>Flight Director(s)</b>	<b>Holmes</b>
<b>UWZ.d mean:</b>	<b>0.07</b>

Pressure Comparison		
	T/O	Land
<b>Aircraft</b>	<b>1010mb</b>	<b>1011.0</b>
<b>Tower</b>	<b>1012mb</b>	-----

	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 ✓ 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 ✓ LatGPS.4	✓ LatI-GPS.1 ✓ LatI-GPS.2	✓ LonGPS.1 ✓ LonGPS.2 ✓ LonGPS.3 ✓ 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 ✗ 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
<input type="checkbox"/>	Dropwindsonde Log(s) - AVAPS and FD if completed
✓	Flight Track
✗	Miscellaneous FD Notes

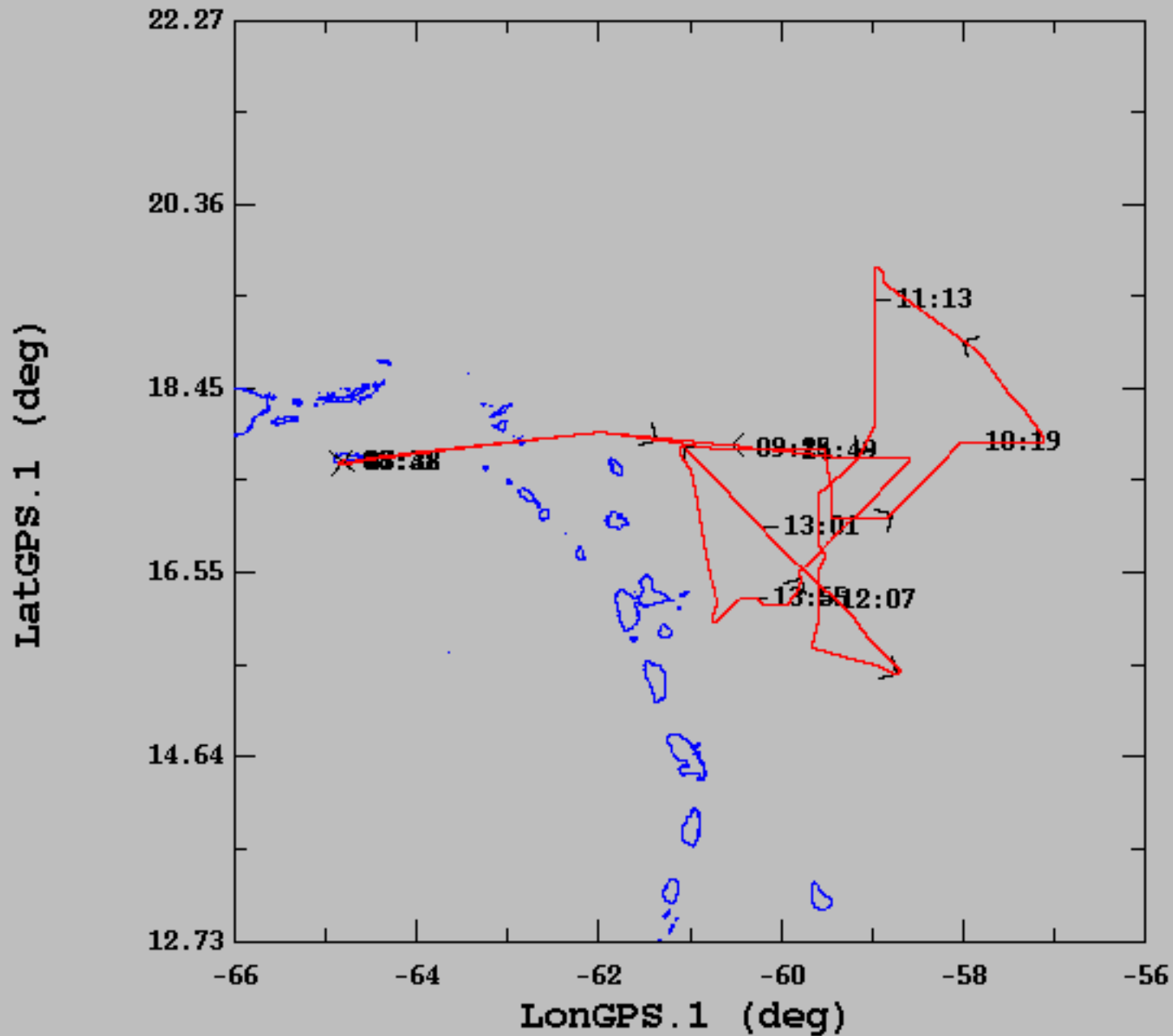
QC Key	
Not checked	<input type="checkbox"/>
Valid	<input checked="" type="checkbox"/>
Errors (note)	<input checked="" type="checkbox"/>

### NOTES:

PDAlpha.2 and PDBeta.2 inoperative. TTM.3 unavailable. TDM.3 inoperative. TRadU.1 unavailable.

# 20200821H1\_Flight\_Track

2020-08-21, 07:38:05-15:42:55



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	17.51	0.84	15.50	19.70
— LongGPS.1 (deg), 1 s/sec	-60.68	2.26	-64.85	-57.10