



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

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	2020082011	FLT #:	1	AC:	Rossi	Scientists:	Pressure		Dropsondes		
From:	TISX	ETD:	1200L	CP(s):	Doremus		A/C Takeoff		Good	Bad	Sent
To:	TISX	ETA:	1600L		Legidakes				<b>12</b>	<b>1</b>	<b>12</b>
Block Time		Flight Time		NAV:	Freeman		ASOS Takeoff		BTs		
In:	<b>335</b>	Land:	<b>331</b>	FE(s):	Heystek				Good	Bad	Sent
Out:	<b>1935</b>	T/O:	<b>1944</b>	FD(s):	Sanchez		A/C Land		<b>0</b>	<b>0</b>	<b>0</b>
Total:	<b>8.0</b>	Total:	<b>7.8</b>	SSA:	Richards				Visitors:	ASOS Land	
Sponsoring Org:	NHC			AVAPS:	McAlister		Storm Number ID:		AL132020		
Program:	PRX			SEB:			(ie: AL072012)				
Purpose:	NHC/EMC Tasking			MX:			TCPOD/WSPOD Mission		0113A 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>			
SCIENCE MISSION WITHIN BDRY LAYER					x			<b>2</b>			
LACK OF PRECIPITATION					x			<b>3</b>			
RELATIVE HUMIDITY ≥ 80%					X			<b>4</b>			
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					x						
								<b>Pennies:</b>			

\*Highlighted items must be completed before departure.

Remarks:


## P-3 QC Checklist

Overall Assessment	Minor instrument issue(s) - minimal mission impact.
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Flight ID:	2020082011
Flight Director(s):	Lundry
Mission:	Tasked/Operational
UWZ.d mean:	0

Pressure Comparison		
	T/O	Land
Aircraft	1011.8	1013.6
Tower	1009.6	1013.2

	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 <input type="checkbox"/> 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			
✓ Lat / Lon	✓ LatGPS.1 ✓ LatGPS.2 ✓ LatGPS.3 <input type="checkbox"/> LatGPS.4	✓ LatI-GPS.1 ✓ LatI-GPS.2	✓ LonGPS.1 ✓ LonGPS.2 ✓ LonGPS.3 <input type="checkbox"/> 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	✓ lasADDU.1	✓ IAS.d ✓ TAS.d		
✓ Pitch / Roll	✓ PitchI.1 ✓ PitchI.2 <input type="checkbox"/> PitchI.3	✓ PitchRatel.1 ✓ PitchRatel.2 <input type="checkbox"/> PitchRatel.3	✓ RollI.1 ✓ RollI.2 <input type="checkbox"/> RollI.3	✓ RollRatel.1 ✓ RollRatel.2 <input type="checkbox"/> RollRatel.3	✓ PITCHref ✓ ROLLref	
✓ Temp / Dewpt	✓ TTM.1 ✓ TTM.2 <input type="checkbox"/> TTM.3	<input checked="" type="checkbox"/> TDM.1 ✓ TDM.2 <input checked="" type="checkbox"/> TDM.3	✓ TRadD.1 ✓ TRadS.1 <input type="checkbox"/> TRadU.1	✓ TD.c ✓ TDMref ✓ TTMref ✓ TA.d		
✓ Misc. (Must check)					✓ UWZ.d <input type="checkbox"/> DPJ_WSZ ✓ HUM	✓ WS.d ✓ WD.d

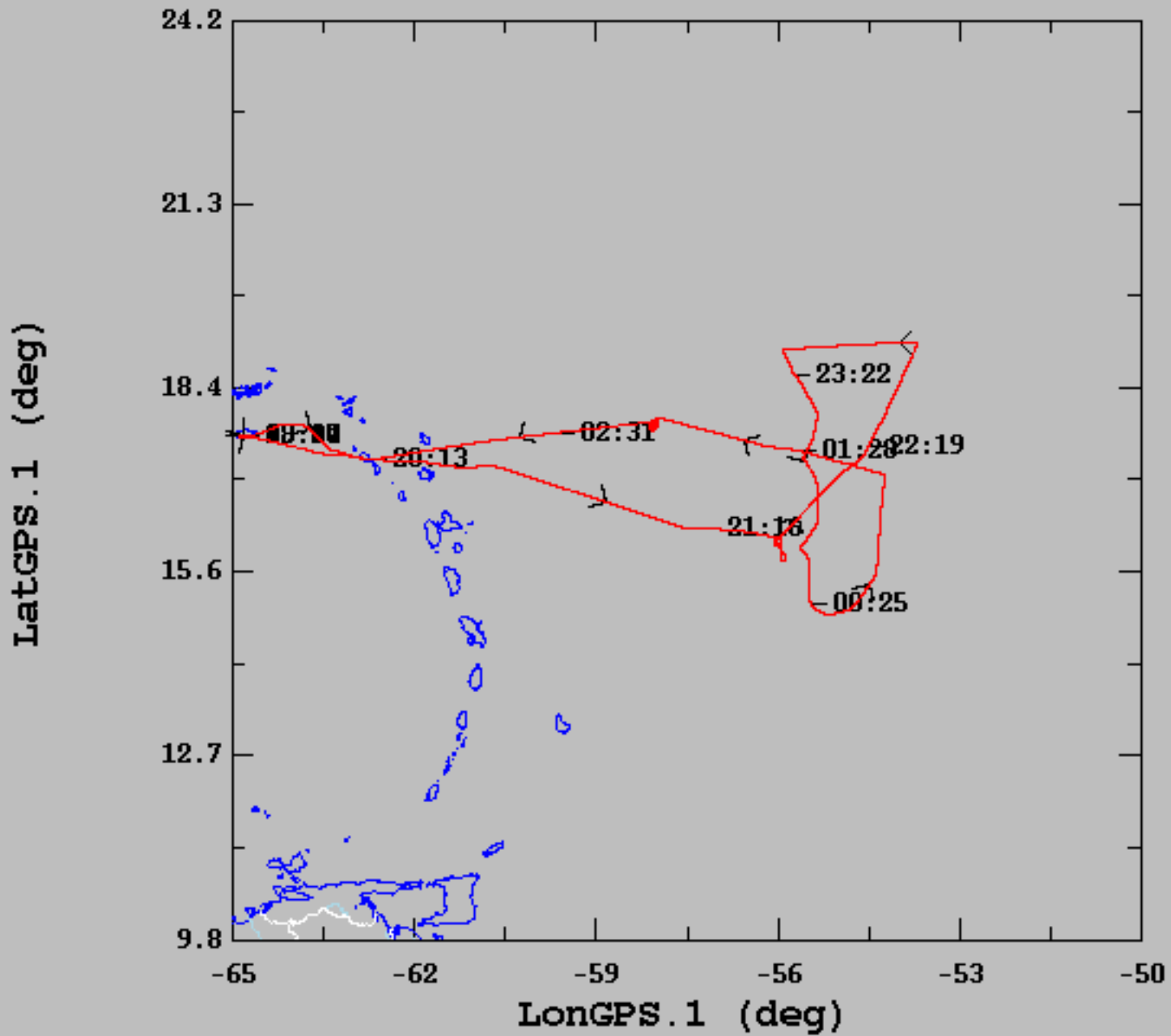
FLID_Mission_Documents.pdf:
<input checked="" type="checkbox"/> Error Summary <input checked="" type="checkbox"/> Crew Manifest <input checked="" type="checkbox"/> QC Checklist <input checked="" type="checkbox"/> Dropwindsonde Log(s) - AVAPS and FD if completed <input checked="" type="checkbox"/> Flight Track <input type="checkbox"/> Miscellaneous FD Notes

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

NOTES:
TDM.1 and TDM.3 unrepresentative



08/20/2020, 18:07:39-27:34:03



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	17.31	0.92	14.89	19.15
— LongGPS.1 (deg), 1 s/sec	-58.81	4.02	-64.86	-53.68