

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

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	2021092611	FLT #:	1	AC:	Didier	Scientists:	Pressure		Dropsondes		
From:	KLAL	ETD:	1200Z	CP(s):	Copare	P Chang	A/C Takeoff		Good	Bad	Sent
To:	TISX	ETA:	1700Z		Doremus	Z Jelenak					
Block Time		Flight Time		NAV:	Freeman	J Sapp	ASOS Takeoff		BTs		
In:	2035	Land:	2031	FE(s):	Darby	G Alaka			Good	Bad	Sent
Out:	1635	T/O:	1651	FD(s):	Holmes	H Holbach	A/C Land				
Total:	4.0 4.0	Total:	3.7 3.7	SSA:	Mascaro	Visitors:	ASOS Land				
Sponsoring Org:	AOC			AVAPS:	Warnecke	Sans Souci (MX)	Storm Number ID:		NA		
Program:	PRX			SEB:			(ie: AL072012)				
Purpose:	REPO			MX:	Kregelka		TCPOD/WSPOD Mission		WXWXA TRAIN		
							OBSERVATIONS				
AS REQUIRED BY ORM				Y	N	REMARKS	Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH					X		1				
SCIENCE MISSION WITHIN BDRY LAYER					X						
LACK OF PRECIPITATION					X		2				
RELATIVE HUMIDITY ≥ 80%					X						
LARGE AIR-SEA TEMP GRADIENT					X		3				
HIGH SURFACE WINDS					X						
LONG FETCH / DURATION OF SFC WND					X		4				
SEA SALT ACCRETION FORECAST					X						
SEA SALT ACCRETION OBSERVED					X		Pennies:				
*Highlighted items must be completed before departure.											
Remarks:											

P-3 QC Checklist

Flight ID:	20210926I1
Flight Director(s)	Holmes
UWZ.d mean:	0.09

Pressure Comparison		
	T/O	Land
Aircraft	1014.3	--
Tower	1014.3	1011.0

	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	x 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

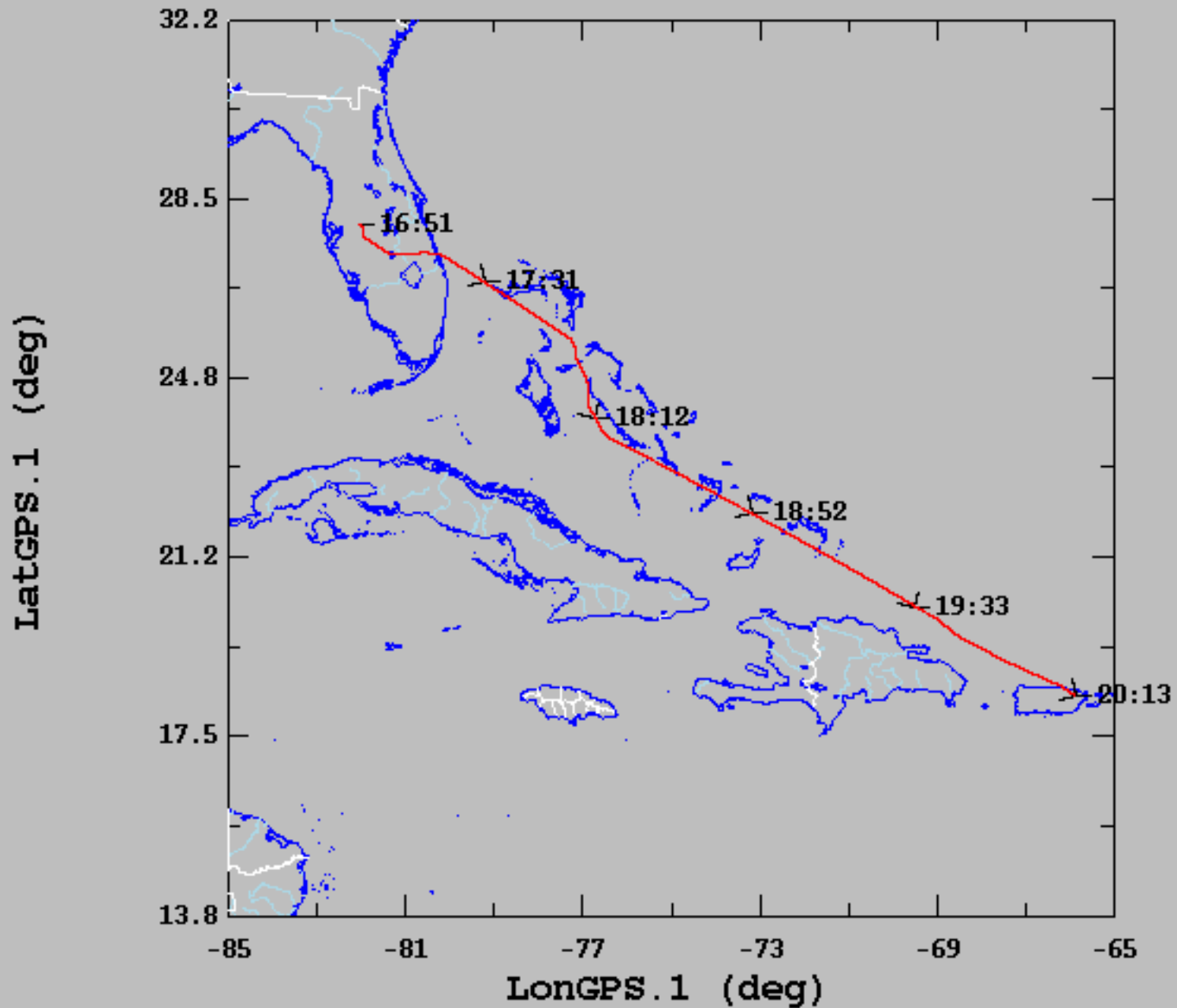
FLID_Mission_Documents.pdf:
✓ Error Summary
✓ Crew Manifest
✓ QC Checklist
Dropwindsonde Log(s) - AVAPS and FD if completed
✓ Flight Track
✓ Miscellaneous FD Notes

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 17:41 to 18:20
 Alt, Lat, and lonGPS.4 inop
 PQM.1 unrepresentative at 18:00 through remainder of flight
 TradU inop

2021-09-26, 16:51:03-20:13:34



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	23.25	3.02	18.30	27.99
— LongGPS.1 (deg), 1 s/sec	-74.47	4.71	-82.03	-65.84