



AXCTDs	0	0	0
UAS	0	0	0

Flight Director: KALEN  
Phone #: 863-500-3962

ACAT-4 Version = 7.4

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

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20231023H1	FLT #:		AC:	COPARE	Scientists:	Pressure		Dropsondes		
From:	TBPB	ETD:	1900Z	CP(s):	GASTON	HAZELTON	A/C Takeoff		Good	Bad	Sent
To:	KLAL	ETA:	0000Z		PALMER	SELLWOOD			-	-	-
Block Time		Flight Time		NAV:	UTAMA	CHANG	ASOS Takeoff		BTs		
In:	<b>23:59</b>	Land:	<b>23:34</b>	FE(s):	STOKES	JELENAK			Good		
Out:	<b>18:29</b>	T/O:	<b>18:41</b>	FD(s):	KIDDO	SAPP	A/C Land		-	-	-
					KALEN						
Total:	<b>5.5</b>	Total:	<b>4.9</b>	SSA:	MCALISTER	Visitors:	ASOS Land		-	-	-
				AVAPS:	WARNECKE/KELLER						
Sponsoring Org:	EMC			SEB:	S. PAUL		Storm Number ID:		NA		
Program:	PRX				KREGELKA (MX)		(ie: AL072012)				
Purpose:	REPO TO KLAL				DECKER (MX)		TCPOD/WSPOD Mission		NOAA2 WXWXA TRAIN		
					MX:	MAZUR		(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						
LACK OF PRECIPITATION				x			<b>2</b>				
RELATIVE HUMIDITY ≥ 80%					x						
LARGE AIR-SEA TEMP GRADIENT					x		<b>3</b>				
HIGH SURFACE WINDS					x						
LONG FETCH / DURATION OF SFC WND					x		<b>4</b>				
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) - no mission impact.
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Flight ID:	20231023H1
Flight Director(s):	KALEN / ENGLERT
Mission:	Ferry
UWZ.d mean:	0.09

Pressure Comparison		
	T/O	Land
Aircraft	1004.2	-
Tower	1003.3	-

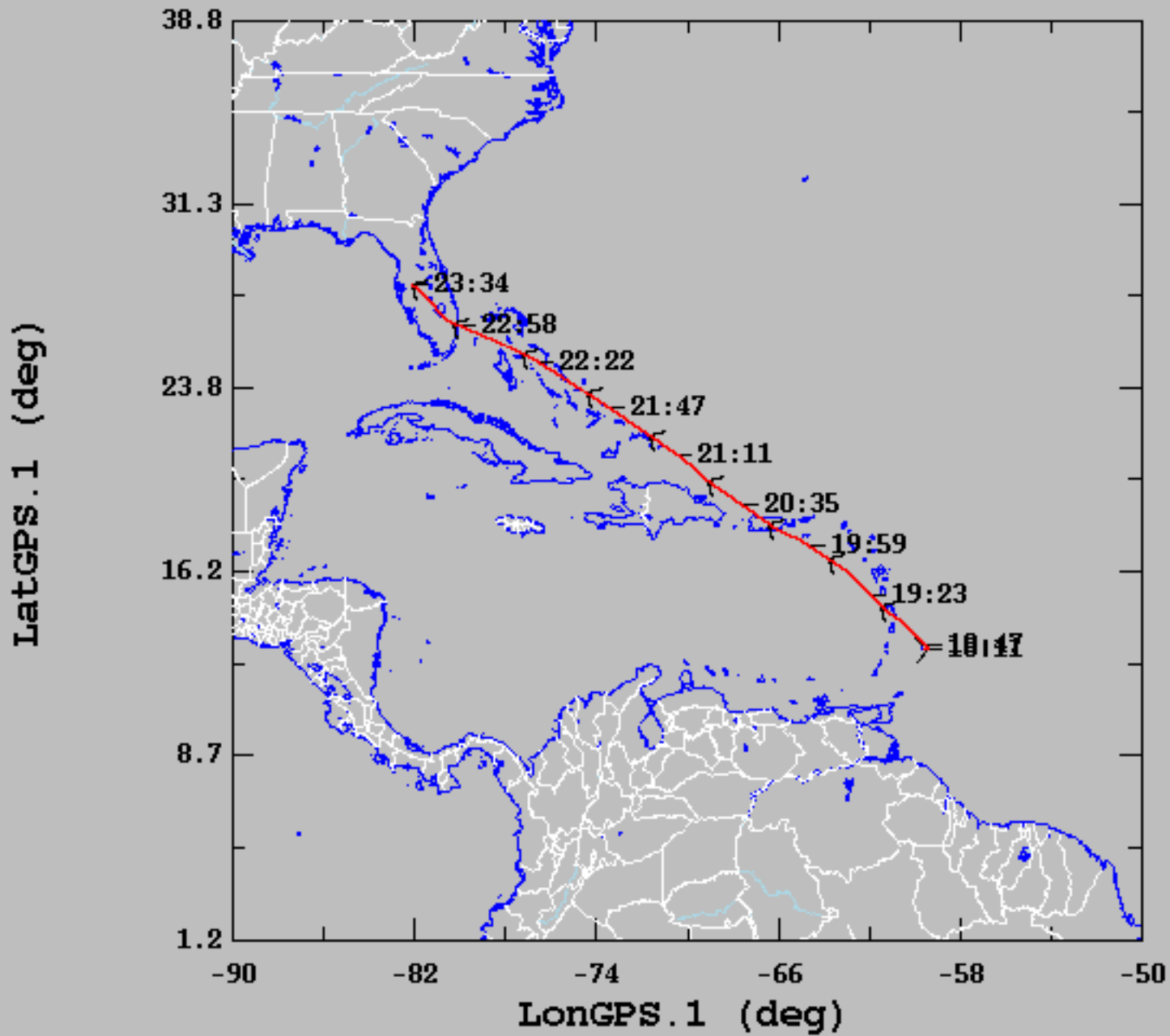
	Raw 1Hz Mean File Parameters				C File Parameters	
✓ Accelerometer	✓ AccAXI.1 ✓ AccAXI.2 ✓ AccAXI-GPS.1 ✓ AccAXI-GPS.2	✓ AccAYI.1 ✓ AccAYI.2 ✓ AccAYI-GPS.1 ✓ AccAYI-GPS.2	✓ AccAZI.1 ✓ AccAZI.2 ✓ AccAZI-GPS.1 ✓ AccAZI-GPS.2	✓ AccZfilter-GPS.1 ✓ AccZfilter-GPS.2	✓ AccZref	
✓ Altitude	✓ AltGPS.1 ✓ AltGPS.2 ✓ 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	x PDLAPHaref x PDBETAref x PQALPHaref x 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 x PitchI.3	✓ PitchRateI.1 ✓ PitchRateI.2 x PitchRateI.3	✓ RollI.1 ✓ RollI.2 x RollI.3	✓ RollRateI.1 ✓ RollRateI.2 x RollRateI.3	✓ PITCHref ✓ ROLLref	
✓ Temp / Dewpt	✓ TTM.1 ✓ TTM.2 x TTM.3	✓ TDM.1 ✓ TDM.2 x TDM.3	✓ TRadD.1 ✓ TRadS.1 x TRadU.1		✓ TD.c ✓ TDMref	✓ TTMref ✓ TA.d
✓ Misc. (Must check)					✓ UWZ.d x 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 type="checkbox"/> Dropwindsonde Log(s) - AVAPS and FD if completed <input checked="" type="checkbox"/> Flight Track <input checked="" type="checkbox"/> Miscellaneous FD Notes

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

NOTES:
I.3 for Pitch and Roll is not operational. TRadU.1 has erroneous data throughout the flight and should not be used. PDALPHaref, PDBETAref, PQALPHaref, PQBETAref, and DPJ_WSZ are not provided since _AC file is not produced; all other "C" file parameters checked are from the _A file. TDM.1 unrepresentative TDM.3 inop

10/23/2023, 18:11:14-23:34:54



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	20.06	4.75	13.07	27.99
— LongGPS.1 (deg), 1 s/sec	-69.43	7.35	-82.10	-59.36