



## NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST				MISSION INFORMATION				
FLT ID:	20180124	FLT #:		AC:	KIBBEY	Scientists:		Pressure		Dropsondes		
From:	KLAL	ETD:	1300Z	CP(s):	ROSSI	PAUL CHANG	JOE SAPP	A/C Takeoff		Good	Bad	Sent
To:	CYHZ	ETA:	2000Z	Nav(s):	MITCHELL			RICHARDS (B)	Wx Station Takeoff			
Block Time		Flight Time		FE(s)	SLOAN	MCFADDEN (PM)			BTs			
In:	2043	In:	2040	FD(s):	HEYSTEK	SEARS (PM)	A/C Land		Good	Bad	Sent	
Out:	1544	Out:	1553		LALONDE		Wx Station Land					
Total:	5.0	Total:	4.8	SEB:	HOLMES	Visitors:		Storm Number ID:				
Sponsoring Org:	NESDIS			SSA:		CARRION (MX)	TCPOD/WSPOD Mission		NOAA2 WXWXA			
Program:	OWW 2018			AVAPS:	PATEL	KLIPPEL (MX)	(ie: AL072012)		NOAA2 2418A SANDY)			
Purpose:	Tranist					SAN SOUCI (SEB)	(ie: NOAA2 2418A SANDY)		OCEANWINDS1			
						DOREMUS (OPS)	OBSERVATIONS					
AS REQUIRED BY ORM			Y	N	REMARKS			Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH				X								
SCIENCE MISSION WITHIN BDRY LAYER				X								
LACK OF PRECIPITATION			X									
RELATIVE HUMIDITY ≥ 80%			X									
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								

Additional Remarks:

Cockpit Gmax:

Gmin:

\*Highlighted items must be completed before departure.

### APPENDIX 1 – P3 QC Checklist

Flight ID:	20180124/H1
Flight Director(s):	Holmes

Pressure Comparison		
	T/O	Land
Aircraft	1018	<u>                    </u>
Tower	1018	

UWZ.d mean: 0.07

	Raw 1Hz Mean File Parameters				C File Parameters	
✓ Accelerometer	AccAXI.1	AccAYI.1	AccAZI.1	✓ AccZfilter-GPS.1	✓ AccZref	
	AccAXI.2	AccAYI.2	AccAZI.2	✓ Acc-Zfilter-GPS.2		
	AccAXI-GPS.1	AccAYI-GPS.1	AccAZI-GPS.1			
	AccAXI-GPS.2	AccAYI-GPS.2	AccAZI-GPS.2			
✓ Altitude	✓ AltGPS.1	✓ AltI-GPS.1	✓ AltPaADDU.1	✓ AltRA.1	ALTrref	AltRA1.c
	✓ AltGPS.2	✓ AltI-GPS.2	✓ AltBCADDU.1	✓ AltRA.2	ALTPA.d	AltRA2.c
	✓ AltGPS.3				ALTGA.d	
	✓ AltGPS.4					
✓ Ground Speed	GsXI-GPS.1	GsYI-GPS.1	GsZI-GPS.1		GSXref	
	GsXI-GPS.2	GsYI-GPS.2	GsZI-GPS.2		GSYref	
					GSZref	
✓ Lat/Lon	LatGPS.1	Lati-GPS.1	LonGPS.1	Loni-GPS.1	LATref	
	LatGPS.2	Lati-GPS.2	LonGPS.2	Loni-GPS.2	LONref	
	LatGPS.3		LonGPS.3			
	LatGPS.4		LatGPS.4			
✓ Pressure	✓ PDALPHA.1	✓ PQALPHA.1	✓ PQM.1	PSM.1	✓ PDALPHAref	✓ PQMref
	✓ PDALPHA.2	✓ PQBETA.1	✓ PQM.2	PSM.2	✓ PDALPHAref	✓ PQ.c
	✓ PDBETA.1		✓ PQM.3	PTM.1	✓ PQALPHAref	✓ PSMref
	✓ PDBETA.2		✓ PQM.4		✓ PQBETAref	✓ PS.c
✓ Air Speed	CasADDU.1	TasADDU.1	IasADDU.1		IAS.d	✓ TAS.d
✓ Pitch/Roll	PitchI.1	PitchRateI.1	RollI.1	RollRateI.1	PITCHref	
	PitchI.2	PitchRateI.2	RollI.2	RollRateI.2	ROLLref	
	PitchI.3	PitchRateI.3	RollI.3	RollRateI.3		
✓ Temp/Dewpt	✓ TTM.1	✓ TDM.1	TRadD.1		✓ TD.c	✓ TTMref
	✓ TTM.2	✓ TDM.2	TRadS.1		✓ TDMref	✓ TA.d
	✓ TTM.3	TDM.3	TRadU.1			
✓ Miscellaneous (must check)					✓ UWZ.d	✓ WS.d
					✓ WPJ_WSZ	✓ WD.d
					✓ HUM	

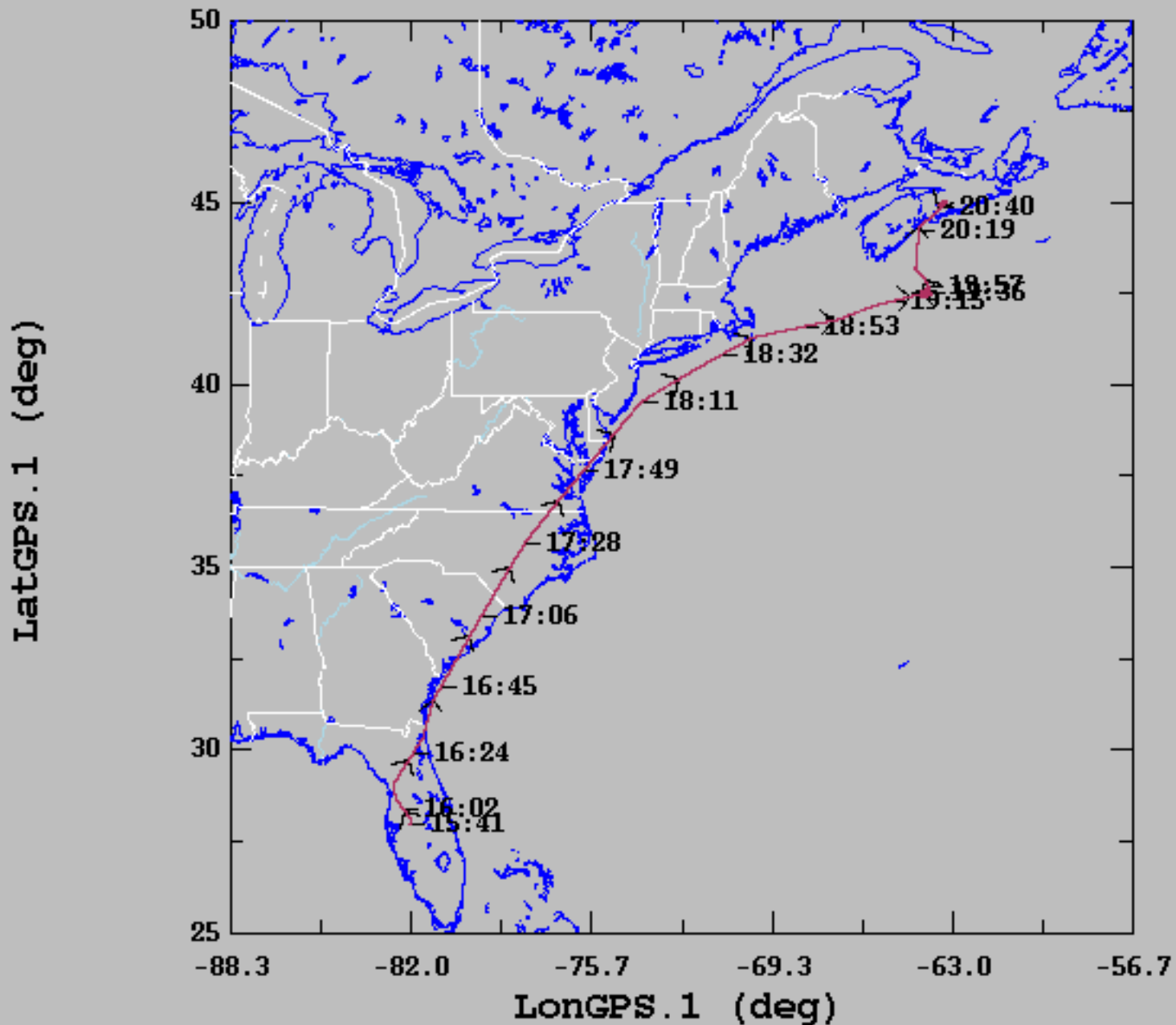
**FLID\_Mission Documents.pdf:**

<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

**NOTES:**

# 20180124H1 Flight Track

2018-01-24, 15:41:30-20:40:40



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	37.65	5.46	27.98	45.03
— LonGPS.1 (deg), 1 s/sec	-72.95	7.18	-82.56	-63.24
— LatGPS.1 (deg), 1 s/sec	37.65	5.46	27.98	45.03
— LonGPS.1 (deg), 1 s/sec	-72.95	7.18	-82.56	-63.24
— LatGPS.1 (deg), 1 s/sec	37.65	5.46	27.98	45.03
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