



## NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST				MISSION INFORMATION				
FLT ID:	20170906H1	FLT #:		AC:	Kibbey ✓	Scientists:		Pressure		Dropsondes		
From:	TBPB	ETD:	1430Z	CP(s):	Kahn ✓	Price ✓ Mitchell Sloan ✓ Tuffnel, Todd ✓ Parrish ✓ Warnecke ✓	A/C Takeoff		Good	Bad	Sent	
To:	KLAL via KTPA	ETA:	2230Z		Rees ✓		Wx Station Takeoff		BTs			
Block Time		Flight Time		Nav(s):	Freeman ✓		A/C Land		Good	Bad	Sent	
In:	2002/2110	In:	1951/2102	Urato ✓	FE(s):		Heystek ✓	Wx Station Land				
Out:	1416/2046	Out:	1432/2051	Sanchez ✓	FD(s):	Holmes ✓						
Total:	5.8/0.4	Total:	5.3/0.2	Belson ✓	Visitors:		Storm Number ID:	AL112017				
Sponsoring Org:	EMC/NHC	5.5		SEB:		Darby ✓	(ie: AL072012)					
Program:	6.2 PRX			SSA:	Richards ✓	Kregelka ✓	TCPOD/WSPOD Mission	WXWX TRAIN				
Purpose:	REPO			AVAPS:	McAlister ✓	Carrion, Geoffrey (AOC)	(ie: NOAA2 2418A SANDY)	NOAA2 1041A IRMA				
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				✓								

Additional Remarks:

Cockpit Gmax:

Gmin:

\*Highlighted items must be completed before departure.

APPENDIX 1 – P3 QC Checklist

T303

Flight ID:	20170906H1
Flight Director(s):	Holmes

Pressure Comparison		
	T/O	Land
Aircraft	1007	1011 (KIPA)
Tower	1007	1012

UWZ.d mean: 0.05

	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	ALTref	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	
✓ Lat/Lon	LatGPS.1	Lati-GPS.1	LongGPS.1	Loni-GPS.1	LATref	
	LatGPS.2	Lati-GPS.2	LongGPS.2	Loni-GPS.2	LONref	
	LatGPS.3		LongGPS.3			
	LatGPS.4		LongGPS.4			
✓ Pressure	PDALPHA.1	PQALPHA.1	PQM.1	PSM.1	PDALPHAref	PQMref
	PDALPHA.2	PQBETA.1	PQM.2	PSM.2	PDBETAref	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
					DPJ_WSZ	WD.d
					HUM	

FLID\_Mission\_Documents.pdf:

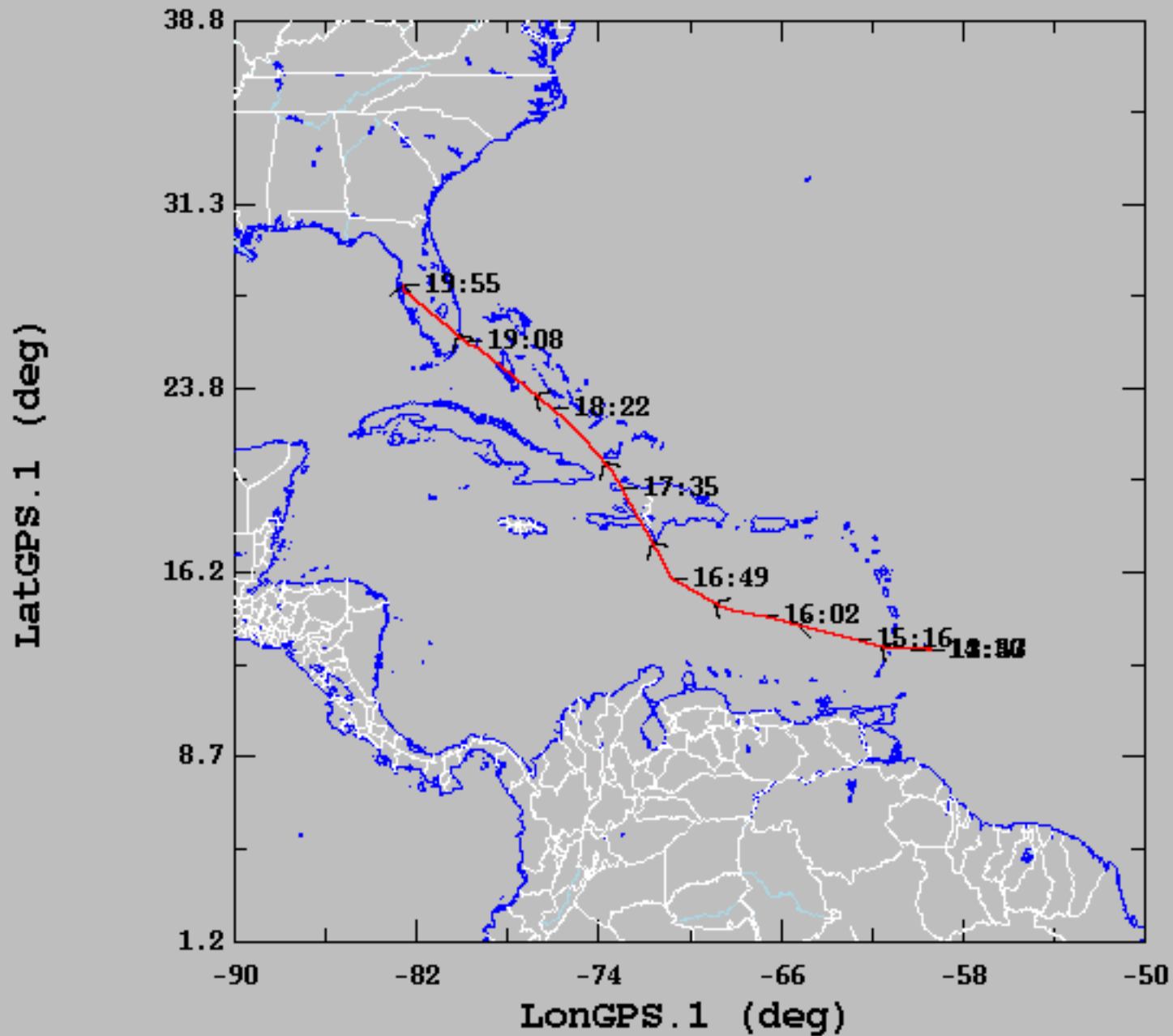
✓ Error Summary
✓ Crew Manifest
✓ QC checklist
Dropwindsonde Log(s) – AVAPS and FD if completed
✓ Flight Track
✓ Miscellaneous FD notes

NOTES:

PDAlpha.2 → unresponsive → Bad

# 20170906H1 Flight Track

09/06/2017, 12:57:09-19:55:12



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	17.68	5.07	13.07	27.99
— LonGPS.1 (deg), 1 s/sec	-68.79	7.77	-82.54	-59.37