

NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20181009H2	FLT #:	3	AC:	PRICE	Scientists:	Pressure		Dropsondes		
From:	KLAL	ETD:	2000Z	CP(s):	ROSSI	Joe Cione (AOML) Kelly Ryan (HRD) Alex Feist (Raytheon)	A/C Takeoff		Good	Bad	Sent
To:	KLAL	ETA:	0430Z		MITCHKELL		Wx Station Takeoff		28	0	28
Block Time		Flight Time		Nav(s):	FREEMAN		A/C Land		BTs		
In:	0603	In:	0556	FE(s):	HEYTEK	Evan Kalina	Wx Station Land	19	4	15	
Out:	2001	Out:	2010		SANCHEZ	Stan Goldenberg (HRD)					
Total:	10.0	Total:	9.8	FD(s):	HOLMES	Joe Sapp (NESDIS)					
Sponsoring Org: EMC				SEB:	GREENE	KEITH (AOC) Josh Wadler	Storm Number ID:		AL142018		
Program: PRX				SSA:	MASCARO		(ie: AL072012)		NOAA2 1314A MICHAEL		
Purpose: TDR/Coyote				AVAPS:	MCALISTER		TCPOD/WSPOD Mission		(ie: NOAA2 2418A SANDY)		
AS REQUIRED BY ORM				Y	N	REMARKS	Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH					X		1	1	2128	956	
SCIENCE MISSION WITHIN BDRY LAYER					X	7 X 6 Penny's CAT III	2	2	2307	955	
LACK OF PRECIPITATION					X		3	3	0015	951	
RELATIVE HUMIDITY ≥ 80%				X		3 X Coyote	4	4	0210	948	
LARGE AIR-SEA TEMP GRADIENT					X	4 X EMC					
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:	20181009H2
Flight Director(s):	Holmes

Pressure Comparison		
	T/O	Land
Aircraft	100Y	—
Tower	100Y	—

UWZ.d mean: 0.07m/s

	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	
					✓ 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	✓ PQBETAref	✓ 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:

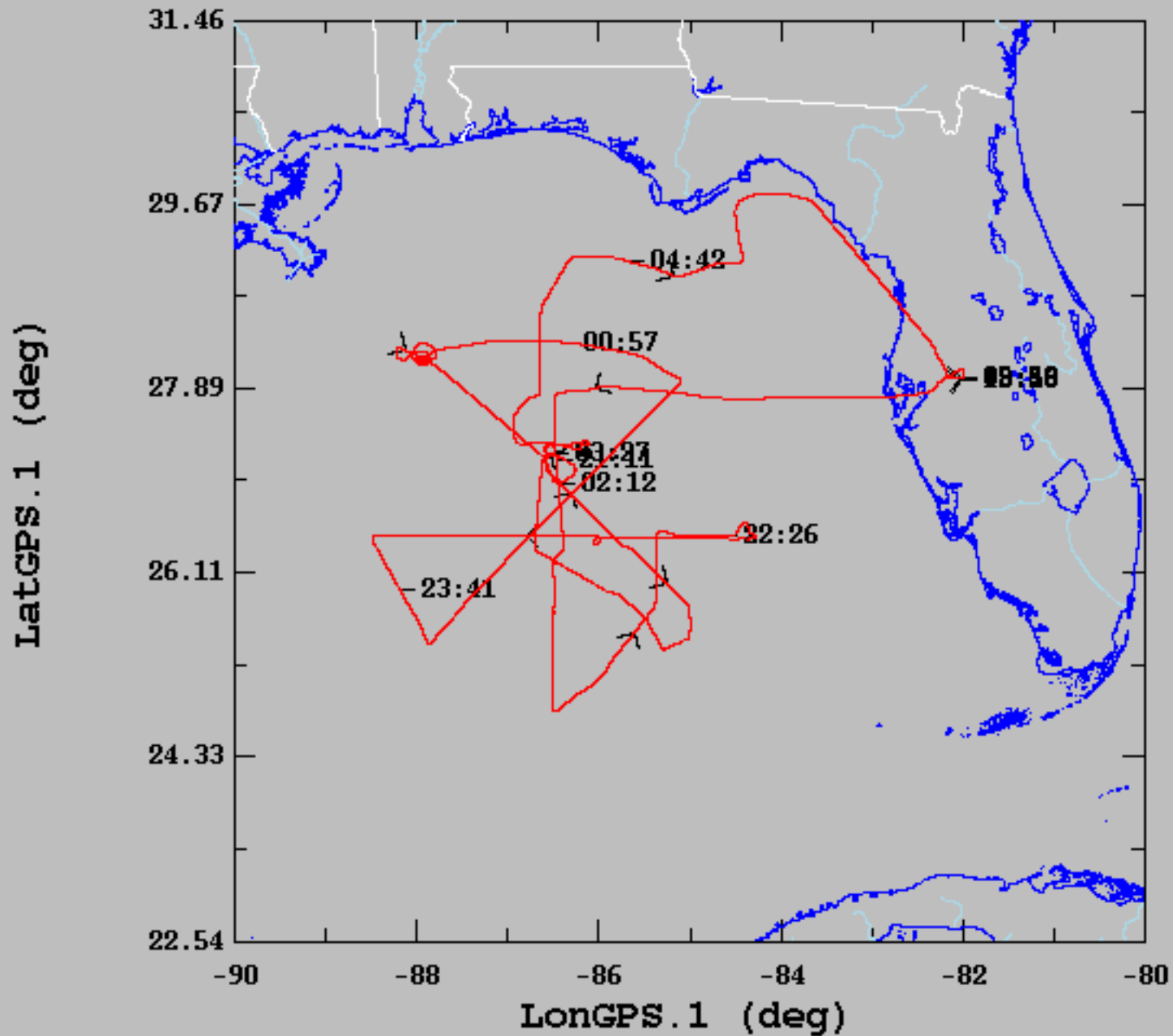
✓ Error Summary
✓ Crew Manifest
✓ QC checklist
✓ Dropwindsonde Log(s) – AVAPS and FD if completed
✓ Flight Track
✓ Miscellaneous FD notes

NOTES:

PDAlpha.2 Inop...

20181009H2 Flight Track

10/09/2018, 18:40:57-29:58:05



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	27.35	1.11	24.77	29.77
— LongGPS.1 (deg), 1 s/sec	-85.37	1.90	-88.48	-81.97

