

NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20180820H2	FLT #:	2	AC:	Kibbey	Scientists:	Pressure		Dropsondes		
From:	PHNL	ETD:	1400Z	CP(s):	Mitchell	Heather Holbach (LPS) Rob Rogers (HRD) Lisa Buccini (HRD)	A/C Takeoff		Good	Bad	Sent
To:	PHNL	ETA:	2200Z	Nav(s):	Rossi		Wx Station Takeoff		11	1	11
Block Time		Flight Time		FE(s):	Richards (B)		A/C Land		BTs		
In:	2240	In:	2236	FD(s):	Sloan	Wx Station Land		Good	Bad	Sent	
Out:	1412	Out:	1425	SEB:	Darby	Visitors: Taylor Pechacek NOAA <i>intern</i>	Storm Number ID:				
Total:	8.5	Total:	8.2	SSA:	Lalonde		(ie: AL072012)				
Sponsoring Org:		EMC		AVAPS:	Holmes		TCPOD/WSPOD Mission				
Program:		PRX			Peek	(ie: NOAA2 2418A SANDY)	NOAA2 0414E LANE				
Purpose:		TDR mission into Hurr LANE			Richards (T)	OBSERVATIONS					
AS REQUIRED BY ORM				Y	N	REMARKS	Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH					X		1	4	1709	EX 964	
SCIENCE MISSION WITHIN BDRY LAYER					X		2	11	1828	EX 964	
LACK OF PRECIPITATION					X	3 X CAT IV PROBIVS	3	18	1949	EX 965	
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:	20180820H2
Flight Director(s):	Holmes

Pressure Comparison		
	T/O	Land
Aircraft	1014	/
Tower	1015	/

UWZ.d mean: -0.04 m/s

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

FLID_Mission_Documents.pdf:

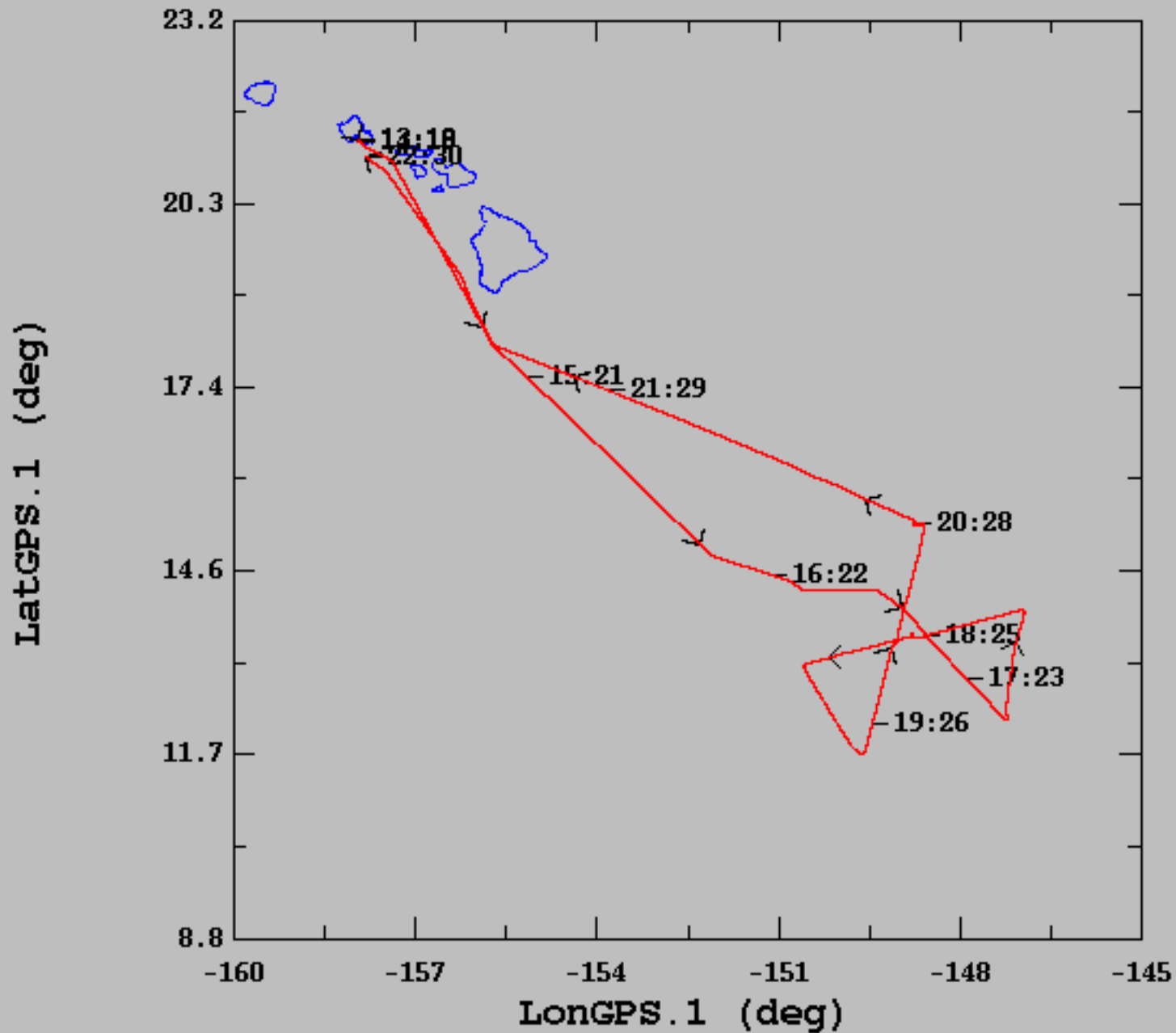
<input checked="" type="checkbox"/> Error Summary
<input checked="" type="checkbox"/> Crew Manifest
<input checked="" type="checkbox"/> QC checklist
<input checked="" type="checkbox"/> Dropwindsonde Log(s) – AVAPS and FD if completed
<input checked="" type="checkbox"/> Flight Track
<input checked="" type="checkbox"/> Miscellaneous FD notes

NOTES:

PDAlpha.2 Inop

20180820H2 Flight Track

2018-08-20, 13:18:12-22:30:52



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	16.24	3.05	11.67	21.32
— LongGPS.1 (deg), 1 s/sec	-152.26	3.71	-157.94	-146.92