

P-3 QC Checklist

Flight ID:	20190928H1
Flight Director(s):	Holmes
UWZ.d mean:	-0.07 m/s

Pressure Comparison		
	T/O	Land
Aircraft	1008.5	--
Tower	1008.0	

	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	✓ PDLPHA.1 ✗ PDLPHA.2 ✓ PDBETA.1 ✗ PDBETA.2	✓ PQALPHA.1 ✓ PQBETA.1	✓ PQM.1 ✓ PQM.2 ✓ PQM.3 ✓ PQM.4	✓ PSM.1 ✓ PSM.2 ✓ PTM.1	✓ PDLAPHAref ✓ PDBETAref ✓ PQALPHAref ✓ 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 ✓ PitchI.3	✓ PitchRatel.1 ✓ PitchRatel.2 ✓ PitchRatel.3	✓ RollI.1 ✓ RollI.2 ✓ RollI.3	✓ RollRatel.1 ✓ RollRatel.2 ✓ RollRatel.3	✓ PITCHref ✓ ROLLref	
✓ Temp / Dewpt	✓ TTM.1 ✓ TTM.2 ✗ TTM.3	✓ TDM.1 ✓ TDM.2 ✗ TDM.3	✓ TRadD.1 ✓ TRadS.1 ✗ TRadU.1		✓ TD.c ✓ TDMref	✓ TTMref ✓ TA.d
✓ Misc. (Must check)					✓ UWZ.d ✓ 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 checked="" type="checkbox"/>	Dropwindsonde Log(s) - AVAPS and FD if completed
<input checked="" type="checkbox"/>	Flight Track
<input type="checkbox"/>	Miscellaneous FD Notes

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

NOTES:

PDLpha.2 INOP for entire mission

PDBeta.2 INOP for entire mission

TDM.2 unrepresentative 17:06Z-17:15Z

TDM.1 unrepresentative for latter 2/3rds of mission

PQM.1 unrepresentative for entire mission

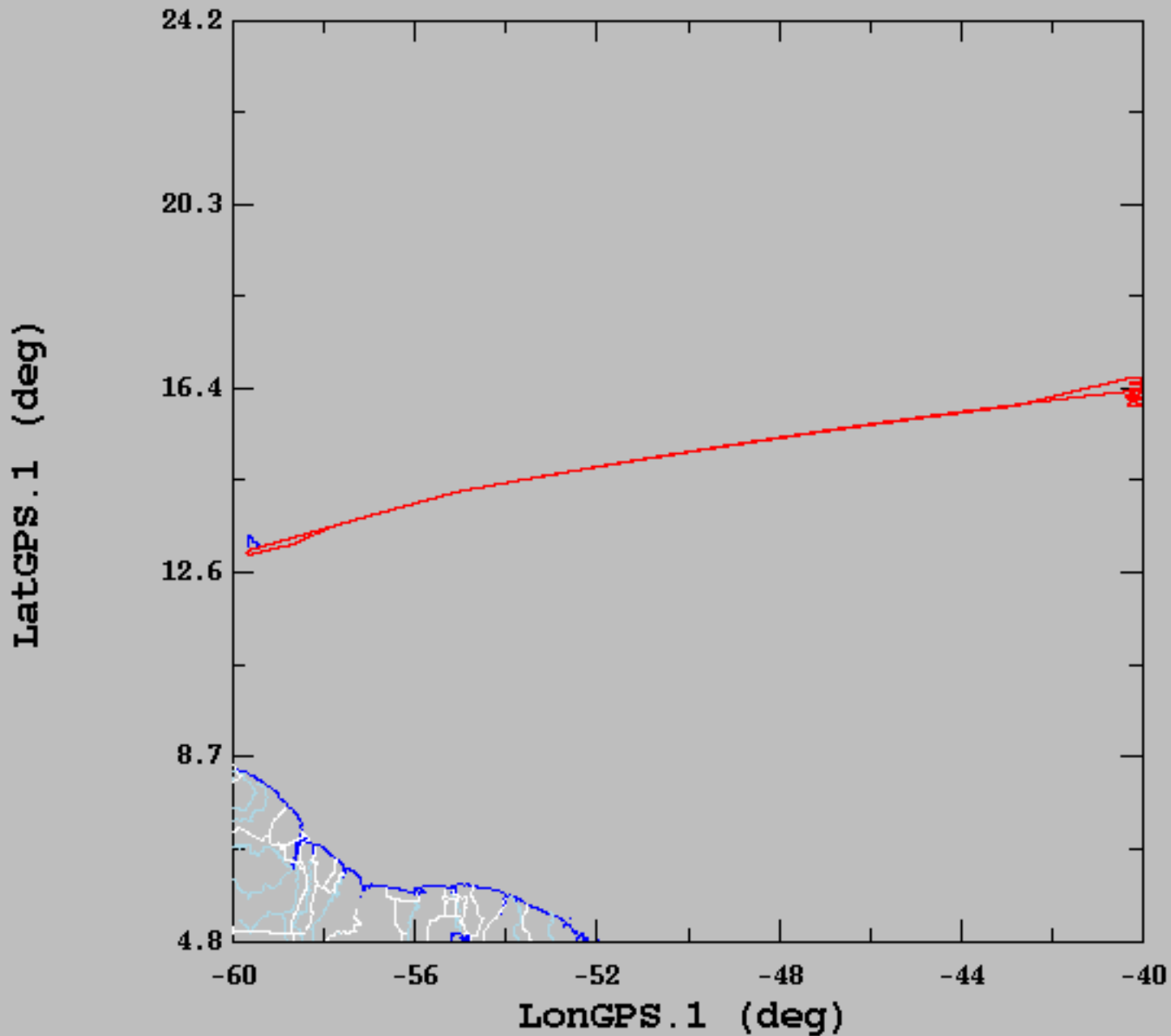
None of these instrument failures with the exception of the TDM.2 issue affected the realtime dataset or the post processed dataset.

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

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20190928H1	FLT #:	1	AC:	Kahn	Scientists:	Pressure		Dropsondes		
From:	TBPB	ETD:	1330Z	CP(s):	Mitchell	Sapp	A/C Takeoff		Good	Bad	Sent
To:	TBPB	ETA:	2230Z	Nav(s):	Abitbol	Sellwood	ASOS Takeoff				
Block Time		Flight Time		FE(s):	Richards, B	Alvey, George			BTs		
In:	2317	Land:	2313	FD(s):	Darby	Zawislak	A/C Land		Good	Bad	Sent
Out:	1306	T/O:	1314	SEB:	Heystek		ASOS Land		0	0	0
Total:	00010.7	Total:	00010.0	SSA:	Holmes	Visitors:					
Sponsoring Org:	HRD			AVAPS:	Greene		Storm Number ID:				
Program:	PHX				Mascaro		(ie: AL142018)				
Purpose:	SAR				Underwood		TCPOD/WSP0D Mission	WXXA TRAIN			
							(ie: NOAA2 0614A MICHAEL)				
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				Y							
RELATIVE HUMIDITY ≥ 80%				Y							
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						
							*Highlighted items must be completed before departure.				
Remarks:	SAR mission around 16° 22.25' N 40° 02.0' W										

20190928H1 Flight Track (SAR Mission)

09/28/2019, 11:42:45-23:13:50



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	14.97	1.22	12.94	16.65
— LonGPS.1 (deg), 1 s/sec	-49.37	7.28	-59.67	-40.02