

APPENDIX 1 – P3 QC Checklist

Flight ID:	20180913 H1
Flight Director(s):	Holmes

Pressure Comparison		
	T/O	Land
Aircraft	1010	✓
Tower	1010	✓

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	
✓ 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	✓ PDBETAref	✓ PQ.c
	✓ PDBETA.1		✓ PQM.3	✓ PTM.1	✓ PQALPHAref	✓ PSMref
	✓ PDBETA.2		✓ PQM.4		✓ PQBETAref	✓ P.S.g
✓ Air Speed	✓ CasADDU.1	✓ TasADDU.1	✓ LasADDU.1		✓ IAS.d	✓ LAS.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.1: failed after science was completed (~1502Z)... transit back to KLAL

NOAA • AOC • SED N42RF AVAPS DROP LOG

Lead Tech: Mike Mascaro

Project: Hurricane 2018

Mission: TS Isaac

Flight ID: 20180913 H1

Take Off: 10:22Z

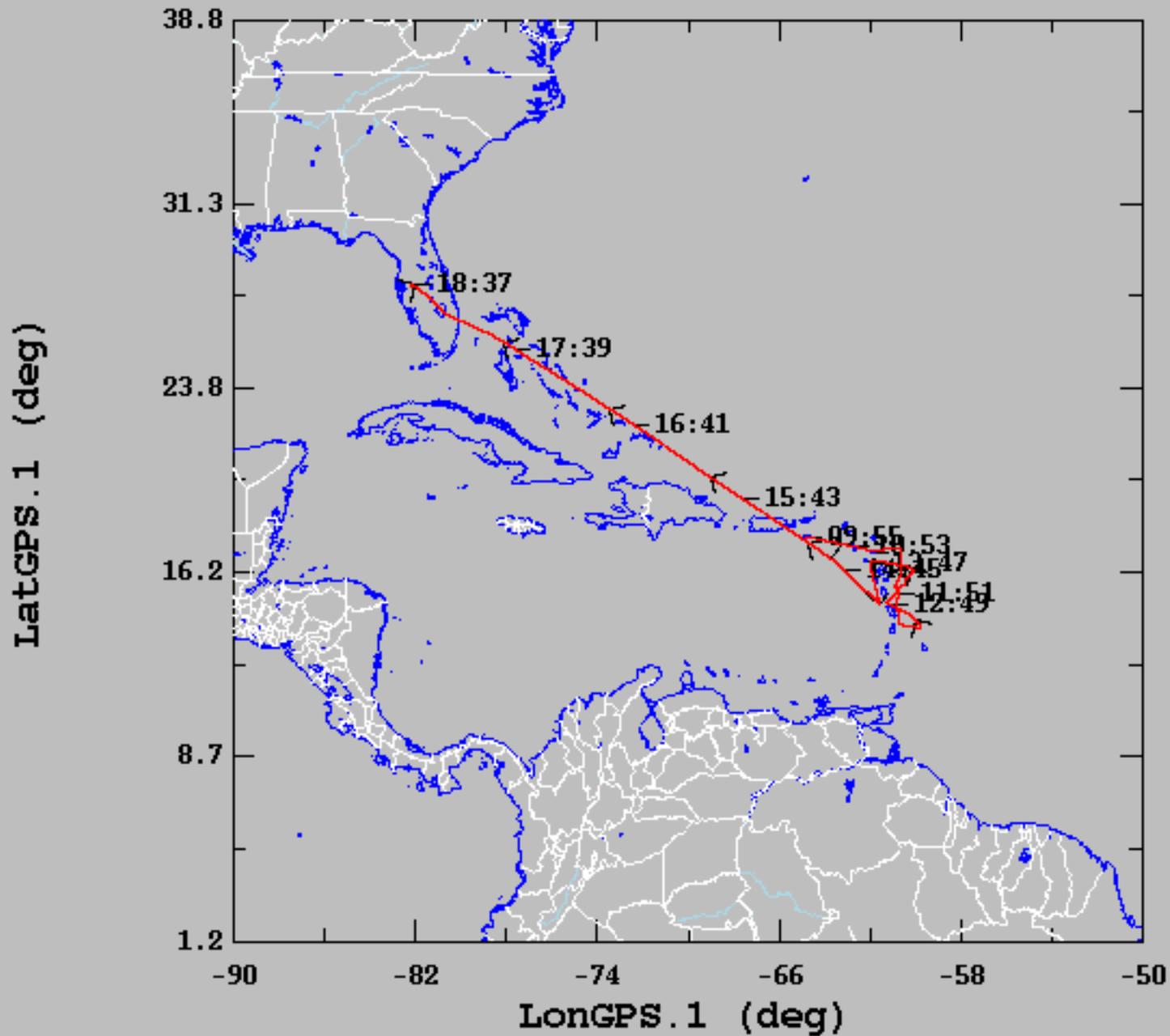
Landing: _____ Flt Dir: Holmes

Drop #	Sonde Serial #	Rcvr #	Press Offset	Launch Time Z	Operator	Charge \$\$ To	Comments	Good ?
1	152225036	1	-0.5	1122	NGU	NWS	TP, inbound (IB), pass #1	✓
2	164345165	2	0.0	1136	↓	HRD	Midpoint (MP), IB	✓
3	164445109	3	-0.5	1157	↓	NWS	Center #1	✓
4	164445090	4	-0.2	1228		NWS	Endpoint (EP), IB, pass #2	✓
5	164445099	1	-0.4	1252		NWS	Center #2	✓
6	164445096	2	-0.4	1321		NWS	EP, OB	✓
7	164445097	3	-0.2	1347		NWS	EP, IB, Pass #3	✓
8	164345185	4	+0.2	1414		NWS	Center #3	✓
9	164445131	1	-0.2	1442		NWS	EP, OB	✓
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AVAPS
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 ••••• Failure to
 ••••• surface to
 ••••• Cut off about
 ••••• Place the sonde
 ••••• Verify the sonde

20180913H1 Flight Track

2018-09-13, 09:55:23-18:37:42



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	18.84	3.93	13.97	27.99
— LongGPS.1 (deg), 1 s/sec	-66.55	6.71	-82.16	-59.70