

N49RF ERROR SUMMARY
 EPAC HURRICANE NORMAN 1st REPO LEG PHNL - KLGB

Flight ID: 20180906N1

Sensor or System -----	Number or Name -----
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.1
Dewpoint Temp. Probe	TDM.1
Vertical Accelerometer	AccZI.1
Altimeter	AltGPS.3
INE Selection	1
Differential Attack Pressure Probe	PDALPHA.2
Differential Sideslip Pressure Probe	PDBETA.2
Dynamic Attack Pressure Probe	PQALPHA.2
Dynamic Sideslip Pressure Probe	PQBETA.2

Flight Directory acdata/2018/MET/20180906N1

Local Met Data	Takeoff PHNL (1733Z)	Landing KLGB (2236Z)
Dynamic Corrections		Yes
AttackAngleIntercept		3.97801
AttackAngleSlope		3.86172
SlipAngleIntercept		1.258
SlipAngleSlope		6.69941
AttackAngleIntercept2		5.04641
AttackAngleSlope2		5.41847
SlipAngleIntercept2		0.905
SlipAngleSlope2		6.78464

Notes:

There were no edits made in the measured parameters used to calculate meteorological and navigational parameters.

Takeoff/Landing data: Data during landing and takeoff are potentially suspect. It is recommended that ground data not be used for scientific analysis.

Flight level winds and dew point data suspect

Expendable Type -----	# deployed -----	# good -----	# transmitted -----
Dropsondes	0	0	0
Test sondes	0	0	0
AXBTs	0	0	0
AXCPs	0	0	0
AXCTDs	0	0	0
UAS	0	0	0

Flight Director: Henning
 Phone #: (863) 500-3982

U.S. Dep't. of Commerce / OMAO / NOAA / Aircraft Operations Center

FLT ID: 20180906N1 (12) (N2)	From: PHNL → (KLGB)	To: KLAL
FLT #:	Blk In: ^{KLGB} 2244 Z ^{KLAL} 0439	Lnd Time: ^{KLGB} 2236 Z ^{KLAL} 0429
ETD: 1730 Z	Blk Out: ^{PHNL} 1715 Z ^{KLGB} 2350	T/O Time: ^{PHNL} 1733 Z ^{KLGB} 2355
ETE:	Total Blk: 5.5h 4.8	Total Flt: 5.1h 4.6 → 9.7
Sponsoring Org: NWS	Program: PHS Total 10.3	Purpose: Transit home

AOC Flight Crew

Aircraft Commander: MOYERS	SSA: DEFEQ/MACALLISTER
Co-Pilot: COWAN / WADDINGTON	AVAPS: SMITH / PATEL
Navigator: /	Scientists:
Flight Eng: /	Scientists:
Flt Director: MORGAN / HENNING	Scientists:
SEB: / /	Scientists:
Crew Chief: /	Visitors: / /

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	PSM #2 1011.9	1012.1 29.90 PHNL	#2 1012.9	1012.1 29.95 KLGB

AS REQUIRED BY ORM	YES / NO	REMARKS
VOLCANIC ASH		
SCIENCE MISSION WITHIN BOUNDARY LAYER		
LACK OF PRECIPITATION		
RELATIVE HUMIDITY AT OR ABOVE 80%		
LARGE AIR-SEA TEMPERATURE GRADIENT		
HIGH SURFACE WINDS		
LONG FETCH AND/OR DURATION OF SFC WIND		
SEA SALT ACCRETION FORECAST		
SEA SALT ACCRETION OBSERVED		

Dropsondes	NONE	Good: _____	Bad: _____	Sent: _____
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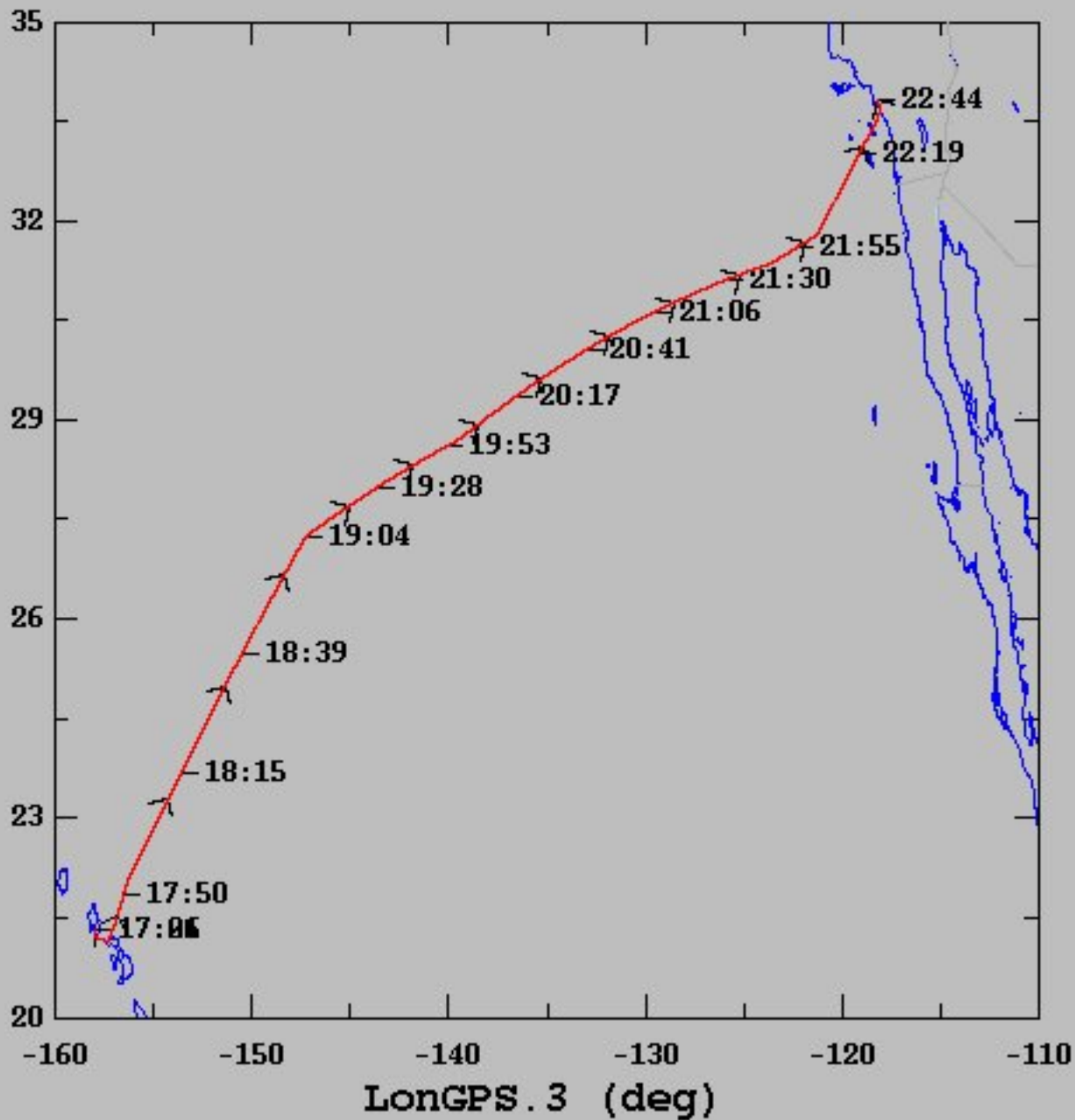
AXBT	Good: _____	Bad: _____	Sent: _____
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List other data sources in Remarks section

Remarks (Storm VDM Identifier, Mission ID, Fix Times)	Fix #	VDM Ob Num	Fix Time / SLP
Storm Number Identifier (VDM): (ie: AL072012)			
TCPOD/WSPOD Mission ID: (ie: NOAA2 2418A SANDY)			

Remarks:

09/06/2018, 17:01:49-22:44:11



REPO PHNL → KLGB

APPENDIX 2 – GIV QC Checklist

Flight ID:	20180906N1
Flight Director(s):	HENNING/MORGAN

Pressure Comparison		
	T/O	Land
Aircraft	1011.9	1012.9
Tower	1012.1	1012.1

Greater than -2.0 from A.nc.
 UWZ.d mean: +0.19 after processing

	Raw 1Hz Mean File Parameters				C File Parameters	
Accelerometer	AccAXI.1	AccAYI.1	AccAZI.1		AccZref	
	AccAXI.2	AccAYI.2	AccAZI.2			
	AccAXI.3	AccAYI.3	AccAZI.3			
Altitude	AltGPS.1	AltI.1	AltPaADDU.1	AltBCADDU.1	ALTref	
	AltGPS.2	AltI.2	AltPaADDU.2	AltBCADDU.2	ALTPA.d	
	AltGPS.3	AltI.3	AltRA.1		ALTGA.d	
Ground Speed	GsXI-GPS.1	GsXI.1	GsGPS.1	GsXGPS.1	GSXref	
	GsXI-GPS.2	GsXI.2	GsGPS.2	GsXGPS.2	GSYref	
	GsYI-GPS.1	GsXI.3		GsYGPS.1	GSZref	
	GsYI-GPS.2	GsYI.1	GsZI.1	GsYGPS.2		
	GsZI-GPS.1	GsYI.2	GsZI.2	GsZGPS.1		
	GsZI-GPS.2	GsYI.3	GsZI.3	GsZGPS.2		
Lat/Lon	LatGPS.1	LatI.1	LonGPS.1	LonI.1	LATref	
	LatGPS.2	LatI.2	LonGPS.2	LonI.2	LONref	
	LatGPS.3		LonGPS.3			
Pressure	PDALPHA.1	PQALPHA.1	PQM.1	PSM.1	PDALPHaref	PQMref
	PDALPHA.2	PQALPHA.2	PQM.2	PSM.2	PDBETaref	PQ.c
	PDBETA.1	PQBETA.1	PQM.11	PSM.11	PQALPHaref	PSMref
	PDBETA.2	PQBETA.2			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	TTM.11	TDM.1		TD.c	TTMref
	TTM.2	TTM.13	TDM.2		TDMref	TA.d
	TTM.3	TTM.4	TDM.11			
Miscellaneous (must check)					UWZ.d	WS.d
					DPJ_WSZ	WD.d
					HUM	

Mission Documents:

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

NOTES:

NO DROPS → straight transit