

Flight Director: Kalen
Phone #: 863-500-3962

ACAT-4 Version = 7.4

U.S. Department of Commerce / NOAA / OMAO / Aircraft Operations Center - N49RF Manifest

FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20220807N1	FLT #:	1	AC:	Mansour	Scientists:	Pressure		Dropsondes		
From:	KLAL	ETD:	0800L	CP(s):	Waddington	Dunion	A/C Takeoff		Good	Bad	Sent
To:	TJBQ	ETA:	1030L								-
Block Time		Flight Time		NAV:			ASOS Takeoff		BTs		
In:	14:56	Land:	14:51	FE(s):			A/C Land		Good	Bad	Sent
Out:	12:07	T/O:	12:27	FD(s):	Kalen						-
Total:	2.8	Total:	2.4	SSA:	Defeo	Visitors:	ASOS Land				
Sponsoring Org:		HRD		AVAPS:	Lynch		Storm Number ID:		N/A		
Program:		PRX		SEB:	Newnam		(ie: AL072012)				
Purpose:		REPO to GVAC		MX:	Roche		TCPOD/WSPOD Mission		NOAA9 WXWXA TRAIN		
							(ie: NOAA2 2418A SANDY)				
AS REQUIRED BY ORM				Y	N	REMARKS	Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH					x		1				
SCIENCE MISSION WITHIN BDRY LAYER					x						
LACK OF PRECIPITATION				x			2				
RELATIVE HUMIDITY ≥ 80%					x						
LARGE AIR-SEA TEMP GRADIENT					x		3				
HIGH SURFACE WINDS					x						
LONG FETCH / DURATION OF SFC WND					x		4				
SEA SALT ACCRETION FORECAST					x						
SEA SALT ACCRETION OBSERVED					x		Pennies:				

*Highlighted items must be completed before departure.

Remarks:

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FLIGHT INFORMATION				CREW MANIFEST			MISSION INFORMATION				
FLT ID:	20220807N1	FLT #:	2	AC:	Mansour	Scientists:	Pressure		Dropsondes		
From:	TJBQ	ETD:	1600Z	CP(s):	Waddington	Dunion	A/C Takeoff		Good	Bad	Sent
To:	GVAC	ETA:	2200Z								-
Block Time		Flight Time		NAV:			ASOS Takeoff		BTs		
In:	22:12	Land:	22:04	FE(s):			A/C Land		Good	Bad	Sent
Out:	16:13	T/O:	16:18	FD(s):	Kalen						-
Total:	6.0	Total:	5.8	SSA:	Defeo	Visitors:	ASOS Land				
Sponsoring Org:		HRD		AVAPS:	Lynch		Storm Number ID:		N/A		
Program:		PRX		SEB:	Newnam		(ie: AL072012)				
Purpose:		REPO to GVAC		MX:	Roche		TCPOD/WSPOD Mission		NOAA9 WXWXA TRAIN		
							(ie: NOAA2 2418A SANDY)				
AS REQUIRED BY ORM				Y	N	REMARKS	Fix Number	Obs Number	Fix Time	SLP	
VOLCANIC ASH					x		1				
SCIENCE MISSION WITHIN BDRY LAYER					x						
LACK OF PRECIPITATION				x			2				
RELATIVE HUMIDITY ≥ 80%					x						
LARGE AIR-SEA TEMP GRADIENT					x		3				
HIGH SURFACE WINDS					x						
LONG FETCH / DURATION OF SFC WND					x		4				
SEA SALT ACCRETION FORECAST					x						
SEA SALT ACCRETION OBSERVED					x		Pennies:				

*Highlighted items must be completed before departure.

Remarks:

G-IV QC Checklist

Flight ID:	20220807N1
Flight Director(s)	Kalen
UWZ.d mean:	0.04

Pressure Comparison		
	T/O	Land
Aircraft	1017.9	1007.9
Tower	1016.7	1005.7

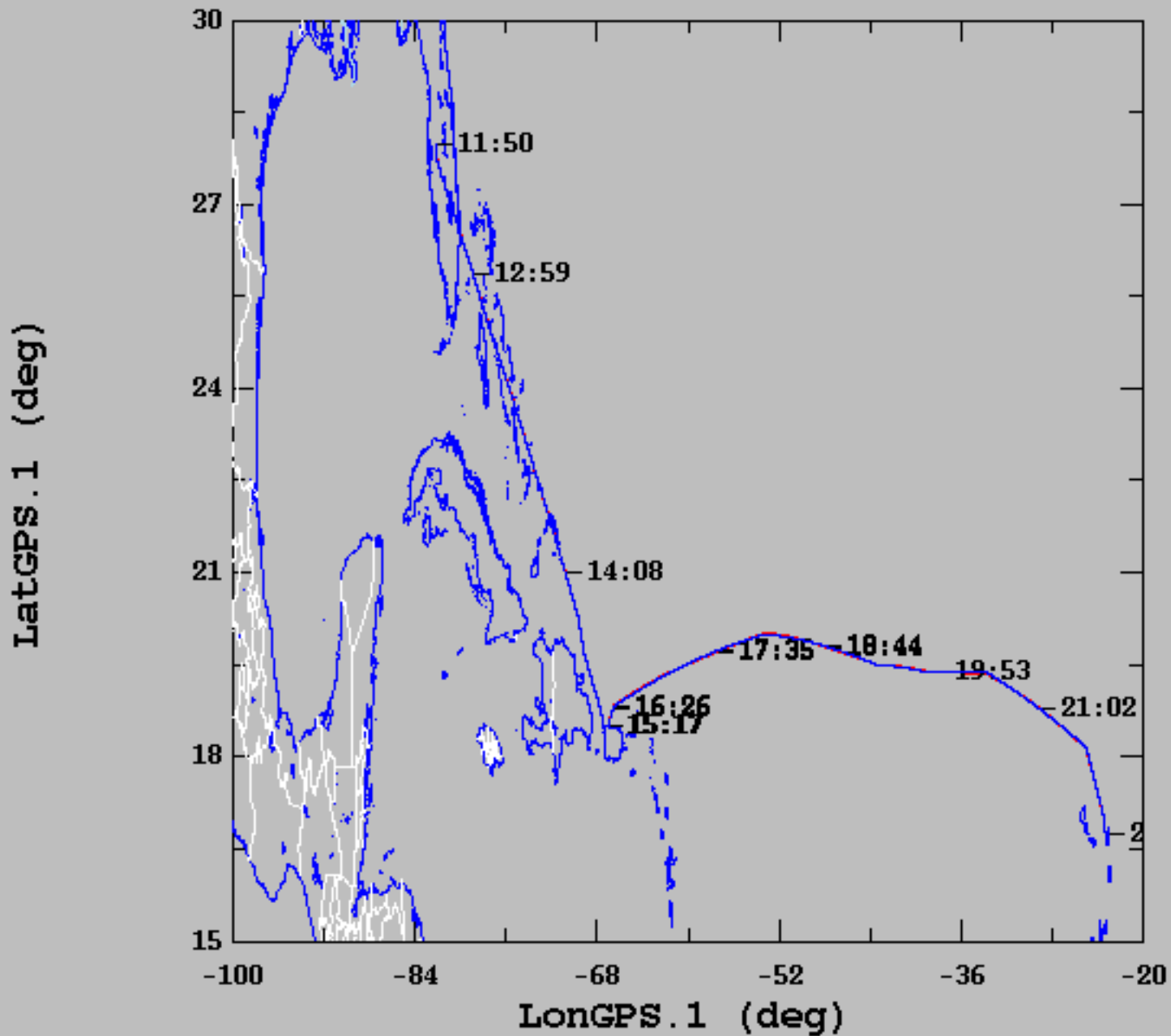
	Raw 1Hz Mean File Parameters				C File Parameters	
<input checked="" type="checkbox"/> Accelerometer	<input checked="" type="checkbox"/> AccAXI.1 <input checked="" type="checkbox"/> AccAXI.2 <input checked="" type="checkbox"/> AccAXI.3	<input checked="" type="checkbox"/> AccAYI.1 <input checked="" type="checkbox"/> AccAYI.2 <input checked="" type="checkbox"/> AccAYI.3	<input checked="" type="checkbox"/> AccAZI.1 <input checked="" type="checkbox"/> AccAZI.2 <input checked="" type="checkbox"/> AccAZI.3		<input checked="" type="checkbox"/> AccZref	
<input checked="" type="checkbox"/> Altitude	<input checked="" type="checkbox"/> AltGPS.1 <input checked="" type="checkbox"/> AltGPS.2 <input checked="" type="checkbox"/> AltGPS.3	<input checked="" type="checkbox"/> AltI.1 <input checked="" type="checkbox"/> AltI.2 <input checked="" type="checkbox"/> AltI.3	<input checked="" type="checkbox"/> AltPaADDU.1 <input checked="" type="checkbox"/> AltPaADDU.2 <input checked="" type="checkbox"/> Altra.1	<input checked="" type="checkbox"/> AltBCADDU.1 <input checked="" type="checkbox"/> AltBCADDU.2	<input checked="" type="checkbox"/> ALTref <input checked="" type="checkbox"/> ALTPA.d <input checked="" type="checkbox"/> ALTGA.d	
<input checked="" type="checkbox"/> Ground Speed	<input checked="" type="checkbox"/> GsXI.1 <input checked="" type="checkbox"/> GsXI.2 <input checked="" type="checkbox"/> GsXI.3 <input checked="" type="checkbox"/> GsXGPS.1 <input checked="" type="checkbox"/> GsXGPS.2 <input type="checkbox"/> GsXGPS.3	<input checked="" type="checkbox"/> GsYI.1 <input checked="" type="checkbox"/> GsYI.2 <input checked="" type="checkbox"/> GsYI.3 <input checked="" type="checkbox"/> GsYGPS.1 <input checked="" type="checkbox"/> GsYGPS.2 <input type="checkbox"/> GsYGPS.3	<input checked="" type="checkbox"/> GsZI.1 <input checked="" type="checkbox"/> GsZI.2 <input checked="" type="checkbox"/> GsZI.3 <input checked="" type="checkbox"/> GsZGPS.1 <input checked="" type="checkbox"/> GsZGPS.2 <input type="checkbox"/> GsZGPS.3	<input checked="" type="checkbox"/> GsGPS.1 <input checked="" type="checkbox"/> GsGPS.2 <input type="checkbox"/> GsGPS.3	<input checked="" type="checkbox"/> GSXref <input checked="" type="checkbox"/> GSYref <input checked="" type="checkbox"/> GSZref	
<input checked="" type="checkbox"/> Lat / Lon	<input checked="" type="checkbox"/> LatGPS.1 <input checked="" type="checkbox"/> LatGPS.2 <input checked="" type="checkbox"/> LatGPS.3	<input checked="" type="checkbox"/> LatI.1 <input checked="" type="checkbox"/> LatI.2	<input checked="" type="checkbox"/> LongGPS.1 <input checked="" type="checkbox"/> LongGPS.2 <input checked="" type="checkbox"/> LongGPS.3	<input checked="" type="checkbox"/> LonI.1 <input checked="" type="checkbox"/> LonI.2	<input checked="" type="checkbox"/> LATref <input checked="" type="checkbox"/> LONref	
<input checked="" type="checkbox"/> Pressure	<input checked="" type="checkbox"/> PDALPHA.1 <input checked="" type="checkbox"/> PDALPHA.2 <input checked="" type="checkbox"/> PDBETA.1 <input checked="" type="checkbox"/> PDBETA.2	<input checked="" type="checkbox"/> PQALPHA.1 <input checked="" type="checkbox"/> PQALPHA.2 <input checked="" type="checkbox"/> PQBETA.1 <input checked="" type="checkbox"/> PQBETA.2	<input checked="" type="checkbox"/> PQM.1 <input checked="" type="checkbox"/> PQM.2	<input checked="" type="checkbox"/> PSM.1 <input checked="" type="checkbox"/> PSM.2	<input checked="" type="checkbox"/> PDLAPHaref <input checked="" type="checkbox"/> PDBETAref <input checked="" type="checkbox"/> PQALPHaref <input checked="" type="checkbox"/> PQBETAref	<input checked="" type="checkbox"/> PQMref <input checked="" type="checkbox"/> PQ.c <input checked="" type="checkbox"/> PSMref <input checked="" type="checkbox"/> PS.c
<input checked="" type="checkbox"/> Air Speed	<input checked="" type="checkbox"/> CasADDU.1	<input checked="" type="checkbox"/> TasADDU.1			<input checked="" type="checkbox"/> IAS.d	<input checked="" type="checkbox"/> TAS.d
<input checked="" type="checkbox"/> Pitch / Roll	<input checked="" type="checkbox"/> PitchI.1 <input checked="" type="checkbox"/> PitchI.2 <input checked="" type="checkbox"/> PitchI.3	<input checked="" type="checkbox"/> PitchRateI.1 <input checked="" type="checkbox"/> PitchRateI.2 <input checked="" type="checkbox"/> PitchRateI.3	<input checked="" type="checkbox"/> RolLI.1 <input checked="" type="checkbox"/> RolLI.2 <input checked="" type="checkbox"/> RolLI.3	<input checked="" type="checkbox"/> RollRateI.1 <input checked="" type="checkbox"/> RollRateI.2 <input checked="" type="checkbox"/> RollRateI.3	<input checked="" type="checkbox"/> PITCHref <input checked="" type="checkbox"/> ROLLref	
<input checked="" type="checkbox"/> Temp / Dewpt	<input checked="" type="checkbox"/> TTM.1 <input type="checkbox"/> TTM.2 <input checked="" type="checkbox"/> TTM.3	<input checked="" type="checkbox"/> TTM.4	<input checked="" type="checkbox"/> TDM.1 <input checked="" type="checkbox"/> TDM.2		<input checked="" type="checkbox"/> TD.c <input checked="" type="checkbox"/> TDMref	<input checked="" type="checkbox"/> TTMref <input checked="" type="checkbox"/> TA.d
<input checked="" type="checkbox"/> Misc. (Must check)					<input checked="" type="checkbox"/> UWZ.d <input checked="" type="checkbox"/> DPJ_WSZ <input checked="" type="checkbox"/> HUM	<input checked="" type="checkbox"/> WS.d <input checked="" type="checkbox"/> 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 type="checkbox"/>	Dropwindsonde Log(s) - AVAPS and FD if completed
<input checked="" type="checkbox"/>	Flight Track
<input checked="" type="checkbox"/>	Miscellaneous FD Notes

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

NOTES:

08/07/2022, 11:50:46-22:11:21



	mean	sigma	min	max
— LatGPS.1 (deg), 1 s/sec	20.44	2.93	16.55	27.99
— LongGPS.1 (deg), 1 s/sec	-56.30	18.12	-82.03	-22.94
— LatI.1 (deg), 1 s/sec	20.44	2.93	16.54	27.99
— LonI.1 (deg), 1 s/sec	-56.28	18.13	-82.03	-22.92