

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

FLT ID: 20180904N1	From: PHNL	To: PHNL
FLT #:	Blk In: 0112 Z	Lnd Time: 0105 Z
ETD: 1730 Z	Blk Out: 1725 Z	T/O Time: 1739 Z
ETE:	Total Blk: 7.8h	Total Flt: 7.4h
Sponsoring Org: CPHC	Program: PHS	Purpose: Surveillance

AOC Flight Crew

Aircraft Commander: MOYERS	SSA: DEFEO/MACALLISTER
Co-Pilot: COWAN / WARRINGTON	AVAPS: SMITH / PATEL
Navigator: /	Scientists:
Flight Eng: /	Scientists:
Flt Director: MORGAN / HENNING	Scientists:
SEB: / /	Scientists:

Crew Chief: NEGRON Visitors: BILL PARIS - NEC / 29.94 ZTC

PSM-2	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	1013.6	1013.4	1011.5	1011.1
	1005.6	1012.4		29.87 310

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		

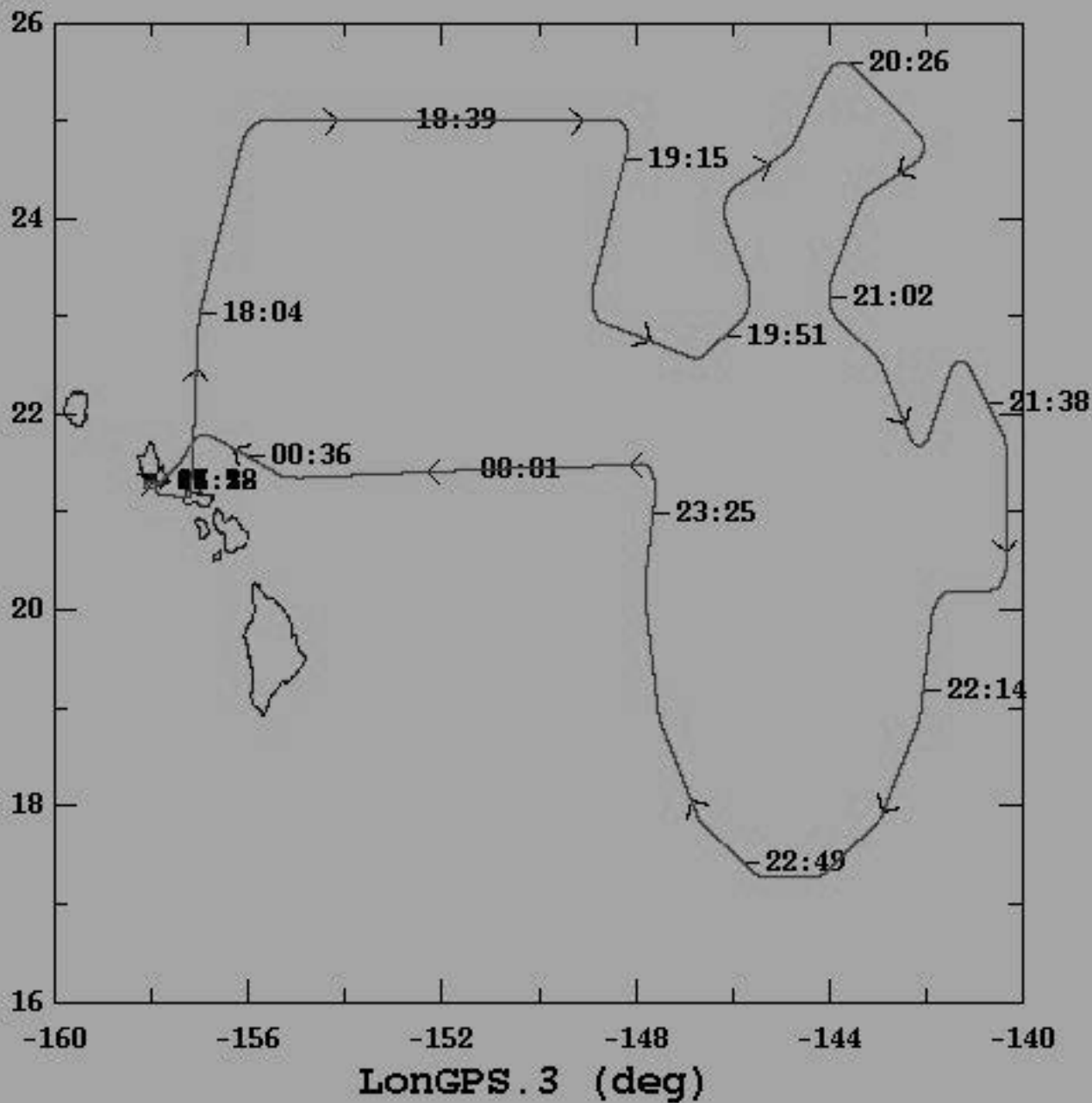
Dropsondes	25	Good: 34	Bad: 1	Sent: 34
AXBT		Good:	Bad:	Sent:

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: NOAA2 2418A SANDY (ie: NOAA2 2418A SANDY)			

Remarks:

09/04/2018, 16:52:49-25:12:34



APPENDIX 2 – GIV QC Checklist

PSM.2 ref

Flight ID:	20180904N1
Flight Director(s):	Henning / Morgan

Pressure Comparison		
	T/O	Land
Aircraft	1013.6	1011.5
Tower	1013.4	1011.1

UWZ.d mean: -3.19 from A.nc file
 -0.02 from AC.nc after post processing

	Raw 1Hz Mean File Parameters				C File Parameters	
<input checked="" type="checkbox"/> Accelerometer	AccAXI.1	AccAYI.1	AccAZI.1		AccZref	
	AccAXI.2	AccAYI.2	AccAZI.2			
	AccAXI.3	AccAYI.3	AccAZI.3			
<input checked="" type="checkbox"/> 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	
<input checked="" type="checkbox"/> 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	GsYI.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		
<input checked="" type="checkbox"/> Lat/Lon	LatGPS.1	LatI.1	LonGPS.1	LonI.1	LATref	
	LatGPS.2	LatI.2	LonGPS.2	LonI.2	LONref	
	LatGPS.3		LonGPS.3			
<input checked="" type="checkbox"/> 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
<input checked="" type="checkbox"/> Air Speed	CasADDU.1	TasADDU.1	IasADDU.1		IAS.d	TAS.d
<input checked="" type="checkbox"/> 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		
<input checked="" type="checkbox"/> 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			
<input checked="" type="checkbox"/> 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
<input checked="" type="checkbox"/> Dropwindsonde Log(s) – AVAPS and FD if completed
Miscellaneous FD notes

NOTES:

FLIGHT ID 20180904N1
 MISSION ID 01GE NORMAN

Flight Director MORGAN / HENNING
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Drop #	CH	TIME	Sonde Serial #	OBS #	Lat	Long	SFC Pressure	SFC or Last Wind	500 mb	250 mb	Status	KWBC Time	Comments
1	1	1804	0348	1	23	157	1016.0	075/14	589	094	P S F	041824	
2	2	1821	0310	2	25	156	1017.1	085 /10	589	092	P S F	041842	
3	3	1833	0645	3	25	154	1016.9	015/8	589	092	P S F	041903	
4	4	1846	0648	4	25	152	1016.8	14m 100/15	590	092	P S F	041918	
5	1	1859	0039	5	25	150	1016.2	085/21	589	093	P S F	041923	
6	2	1913	0644	6	25	148	1015.7	055/19	589	095	P S F	041938	
7	3	1933	0858	7	23	149	1014.8	14m 050/22	589	098	P S F	041952	
8	4	1947	0567	8	22.5	146.7	1013.4	13m 050/23	589	100	P S F	042007	
9	1	1957	0130	9	23.1	145.5	1012.5	055/23	588	098	P S F	042023	
10	2	2006	0646	10	24.2	146.3	1013.9	085/19	588	097	P S F	042027	
11	3	2016	0569	11	24.7	144.8	1015.7	060/24	590	099	P S F	042041	
12	4	2027	2701	12	25.7	143.8	1016.2	085/24	589	098	P S F	042058	
13	1	2041	4153	13	24.7	141.8	1015.4	080/19	589	099	P S F	042109	
14	2	2053	5226	14	24.2	143.3	1014.6	27m 060/24	589	099	P S F	042120	
15	3	2103	0335	15	23.1	144.0	1012.3	070/28	587	099	P S F	042130	
16	4	2113	0027	16	22.5	142.9	1011.3	075/21	587	099	P S F	042136	
17	1	2124	2336	17	21.7	142.0	1009.5	075/24	586	098	P S F	042150	
18	2	2133	0076	18	22.5	141.2	1012.3	075/26	587	099	P S F	042158	
19	3	2143	0633	19	21.7	140.3	1010.4	090/17	587	099	P S F	042209	
20	4	2155	0617	20	20.3	140.5	1008.9	095/14	586	098	P S F	042217	
21	1	2206	0626	21	20.0	141.8	1008.9	15m 125/15	585	098	P S F	042229	
22	2	2216	0637	22	19.9	142.1	1006.7	145/14	584	097	P S F	042238	
23	3	2227	0616	23	17.8	142.9	1006.7	16m 230/17	585	097	P S F	042302	
24	4	2237	0018	24	17.3	144.1	1006.5	13m 275/13	585	097	P S F	042309	
25	1	2247	0190	25	17.3	145.5	1006.0	280/11	585	097	P S F	042325	
26	2	2257	0631	26	17.8	146.7	1006.3	335/16	585	097	P S F	042333	
27	3	2306	0175	27	18.9	147.5	1007.3	005/23	586	098	P S F	042339	
28	4	2318	0178	28	20.2	147.8	1007.7	030/25	585	097	P S F	042349	
29	1	2329	0129	29	21.5	147.5	1009.3	040/22	586	098	P S F	050004	
30	2	2339	0127	30	21.5	149	1010.4	13m 025/19	587	098	P S F	050010	
31	3	2351	0732	31	21.5	150.5	1011.1	16m 045/21	587	097	P S F	050015	
32	4	0003	0103	32	21.4	152	1011.7	070/23	588	097	P S F	050026	
33	1	0015	0639	33	21.4	153.5	1012.2	055/16	588	097	P S F	050037	
34	2	0027									P S F		
35	3	0028	0645	34	21.3	154.9	1011.6	065/18	588	096	P S F	050049	
36											P S F		