

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

FLT ID: 20170906N1 From: TBPB To: KFLL → KLAL
 FLT #: Blk In: 0131 z Lnd Time: 0123 z
 ETD: 1730 z Blk Out: 1706 z T/O Time: 1716 z
 ETE: 8+00+30 Total Blk: 8.4 Total Flt: 8.1
 Sponsoring Org: NHC Program: PHS Purpose: IRMA Syn Surv

AOC Flight Crew

Aircraft Commander: TWINING SSA: DEFE0
 Co-Pilot: FRITZLER AVAPS: DELGADO
 Navigator: / Scientists: 2ND LEG 0344
 Flight Eng: / Scientists: block in ~~0336~~ 0336
 Flt Director: HENNING/WILLIAMS Scientists: block out 0239 +10 0303
 SEB: GREENE PATAL Scientists: 1.1 0.7

Crew Chief: NEGRON Visitors: STA 1005.5 STA 1013.5

56m Pressure A/C - Takeoff 1012 mb 29.88 Wx Station - Takeoff #2 1007.2 A/C - Land #2 1014.1 Wx Station - Land 29.94 ↑ 8.1

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 Good: 33 Bad: 0 Sent: 33

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: (ie: NOAA2 2418A SANDY)			

Remarks:

FOX BBTSO
 (646) 852-9714
 Michael Rebrison (201) 248-2135
 Cheryl Carbone
 KFL 26 04 080 09
 Anderson Couper
 FOX (212) 305 pm
 301-5407
 (212) 275-7620

APPENDIX 2 – GIV QC Checklist

Flight ID:	20170906N1
Flight Director(s):	HENNING/WILLIAMS
UWZ.d mean:	0.19

Pressure Comparison		
	T/O	Land
Aircraft	1007.2	1014.1
Tower	1005.5	1013.5

	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
<input checked="" type="checkbox"/>	Dropwindsonde Log(s) – AVAPS and FD if completed
<input type="checkbox"/>	Miscellaneous FD notes

NOTES:

AlTRA.1 oscillation during operational cruise
~45-60 meters

TDM.2 better at operational altitude but
too dry near surface.

N49RF AOC GPS Dropwindsonde Log

 Flight ID: 20170906N2

 Flight Director: Hennings / Williams

 Mission ID: N0009 1411A (RMA)

Storm/Track: _____

Pg ___ of ___

Drop #	Ob #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°E)	Wx Cond.	L5/R5?	SFC Prs (mb)	Last Wind Alt (m)	Comments	Ch #	SatComm failures	KWBC #
1	1	143205103	180500	14.5	-65	VCTS	R5	1008.2	10	245/14	1		1831
2	2	143215157	184045	17.5	-68.5	VCTS	R5	1009.1	10	035/30	2		1901
3	3	143215139	185231	16.64	-67.85	VCTS	R5	1007.7	10	345/18	3		1914
4	4	143245014	190324	16.1	-66.65		R5	1006.5	10	340/22	4		1935
5	5	143255036	191436	16.1	-65.26		R5	1005	12	220/15	1		1940
6	6	143245025	192518	16.73	-64		R5	1005.1	12	215/27	2	THMOSING 700/850	1954
7	7	143245003	193635	17.9	-63.3		R5	1004.7	12	105/31	3		2017
8	8	143215150	194652	19.16	-63		R5	1006.7	12	115/40	4		2021
9	9	143245026	1956	20.3	-63.3		R5	1007.9	10	045/35	1		2025
10	10	140715026	2006	21.35	-64.15		R5	1009.8	10	085/35	2		2030
11	11	143245106	201550	21.3	-65.35		R5	1010.5	10	075/35	3		2040
12	12	143205128	202542	21.9	-66.7		R5	1009.9	12	025/28	4		2053
13	13	143215173	2035	21.3	-67.87		R5	1010.7	10	050/27	1		2058
14	14	143255107	2046	20.5	-68.8		R5	1010.1	10	035/19	2		2126
15	15	143215151	2101	21.96	-70		R5	1012	10	065/16	3		2128
16	16	143245067	2112	22	-71.5		R5	1011.1	10	085/20	4		2133
17	17	143255167	2124	22	-73		R5	1011.2	10	080/17	5		2201
18	18	142745118	2135	22	-74.5		R5	1011.2	10	100/14	2		2204
19	19	143245099	2154	24	-75.7		R5	1010.8	10	100/12	3		2222
20	20	143245105	2204	24	-74.3		R5	1012.6	10	102/18	4		2227
21	21	143255140	2214	24	-72.98		R5	1012.1	10	095/16	1		2241
22	22	142615079	2225	24	-71.5		R5	1013.5	10	085/16	2		2318
23	23	142745121	2237	24	-70		R5	1013.6	10	090/17	3		2320
24	24	14274509	2248	24	-68.5		R5	1014.3	10	090/20	4		2324
25	25	142635059	2259	24.1	-67.1		R5	1014.3	10	070/23	1		2327
26	26	141335096	2313	25.85	-67.1		R5	1016.3	10	105/20	2		2335
27	27	143215063	2325	26	-68.5		R5	1015.9	10	100/20	3		0006
28	28	142735087	2338	26	-70		R5	1015.2	10	110/15	4		0009
29	29	142735086	2350	26	-71.5		R5	1015.2	10	115/16	1		0016
30	30	143215171	0002	26	-73		R5	1014.4	20	10/15	2		0027
31	31	140715032	0014	26	-74.5		R5	1014.5	10	145/10	3		0038
32	32	142845124	0026	26	-76		R5	1014.6	10	00/07	4		0046
33	33	142735194	0037	26	-77.5	LAST REPORT	R5	1014.7	10	105/10	1		0057

09/06/2017, 17:16:33-25:23:57

