

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

FLT ID: 20130914N1	From: KMCF	To: KMCF
FLT #:	Blk In: 2016 Z	Lnd Time: 2005 Z
ETD: 1300 Z	Blk Out: 1235Z	T/O Time: 1250 Z
ETE:	Total Blk: 7.7	Total Flt: 7.3
Sponsoring Org: PHX	Program: HRD	Purpose: TDR Research

AOC Flight Crew

Aircraft Commander: TWTNING	SSA: DEFE0
Co-Pilot: MANSOUR / MACINTYRE	AVAPS: DELGADO / MILLER
Navigator: /	Scientists:
Flight Eng: /	Scientists
Flt Director: MORGAN / DAMIANO	Scientists
SEB: GREENE / /	Scientists:

Crew Chief:	Visitors: / /
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	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	1010.5mb	29.91 1012.8mb	1010.1mb	29.89 1012.1mb

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	21	Good: 19	Bad: 3	Sent: 21
AXBT		Good:	Bad:	Sent:

Remarks (Storm VDM Identifier, Mission ID, Fix Times)	Fix #	VDM Ob Num	Fix Time / SLP
	Storm Number Identifier (VDM): AL102013 (ie: AL072012)		
	TCPOD/WSPOD Mission ID: NOAA9 0610A INGRID (ie: NOAA2 2418A SANDY)		

Remarks:  
 PRA ALPHA.1 was faulty. Noticed at 1927Z but not sure when it went bad. Probably ice. Cleared up on decent



2019  
9404

2019 DH-  
9404 2pm  
23mm  
LAST DROP

Page 1 of 1

event-log

LAST

N49RF AOC GPS Dropwindsonde Log

Flight Director: MORGAN DAMIANO

Flight ID 20130914N1

Mission ID 0810A Storm INGRID

99.45

Drop#	Sonde ID#	Time (UTC)	Lat (°N)	Lon (°W)	Sfc Prs mb	WX Cond.	Comments	OB #	SatComm Failure	Send Time (UTC)
1	103845223	143922	21.58	93.14	1005.6	CLD	Sfc WWS 120/17.4	1		1504
2	103125421	145138	20.18	92.60	1006.2	CLD/gum rain	125/16.6	2		1515
3	103815216	150412	18.80	93.28	1006.6	CLD	151/17.4	3		1528
4	112115328	151533	18.80	94.67	1005.3	CLR/CLD	131/16.3	4		1539
5	103815034	152506	19.29	95.69	1005.5	CLR/CLD	278/6.3	5		1549
6	112325217	153418	20.21	96.29	1005.4	CLD	282/11.5	6		1557
7	112325220	154537	21.60	96.14	1005.0	CLR/CLD	078/9.3	7		1617
8	103525099	155732	22.14	94.67	1004.9	CLR/CLD	095/12.0	8		1620
9	112115741	160857	21.25	93.59	1004.1	CLD	120/18.8	9		1632
10	103125241	161824	20.20	93.30	1004.1	CLD	165/14.8	10		1644
11	112115111	162730	19.14	93.62	1006.9	CLD	190/10.1	11		1651
12	103515428	170143	21.24	95.81	—	SET CLD LETTERS	088/16.8	12		1728
13	112615008	171144	21.73	94.62	1002.9	CLD	085/16.8	13		1735
14	112545104	172204	20.96	93.84	1001.4	CLD	123/21.8	14		1746
15	112115150	172806	20.22	93.64	1006.1	CLD	170/16.2	15		1754
16	112115047	173438	19.51	93.99	1005.8	CLD	210/9.4	16		1759
17	112115125	174104	19.23	94.72	1005.5	CLD	268/2.0	17		1806
18	103825212	174741	19.53	95.44	1005.4	CLD	243/7.5	18		1814
19	112115170	175426	20.24	95.73	—	CLD	0 unit of 99.54	19		1821
20	112545093	180044	20.92	95.40	1002.9	CLD	335/5.6	20		1825
21	112115199	180711	21.23	94.66	994.4	CLD	056/23.3	21		1846