

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

FLT ID: 20130913N1	From: KMCF	To: KMCF
FLT #:	Blk In: 2147 Z	Lnd Time: 2137 Z
ETD: 1330 Z	Blk Out: 1329 Z	T/O Time: 1345 Z
ETE:	Total Blk: 8.3	Total Flt: 7.9
Sponsoring Org: PHX	Program: HRD	Purpose: TDR Research

AOC Flight Crew

Aircraft Commander: TWINING	SSA: DEFEO
Co-Pilot: MANSOUR / MACINTYRE	AVAPS: MILLER / DELGADO
Navigator: /	Scientists:
Flight Eng: /	Scientists
Flt Director: MORGAN / DAMIANO	Scientists
SEB: GREENE / /	Scientists:
Crew Chief:	Visitors: / /

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	1012.3mb	29.91 1012.8mb	1009.3mb	29.84 1010.5mb

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	20	Good: 17	Bad: 3	Sent: 20
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 0310A (ie: NOAA2 2418A SANDY)			

Remarks:  
 Into Wind 30kt  
 100NM → 15min  
 75NM → 11min

N49RF AOC GPS Dropwindsonde Log

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Mission ID 0310D Storm CYCLONE

04685

Drop#	Sonde ID#	Time (UTC)	Lat (°N)	Lon (°W)	Sfc Pres mb	WX Cond.	Comments	OB #	SatComm Failure	Send Time (UTC)
1	103855165	153636	21.15	92.58	1007.3	CLD/CTR	Sfc Wind 095/5.5	2		1603
2	112115148	154852	19.86	91.84	1007.0	CLD/CTR	136/6.7	3		1610
3	122225032	160200	18.91	92.54	1006.4	CLD/CTR	092/6.2	4		1621
4	103125366	160904	19.72	92.30	1007.4	CLD/CTR	167Turb/167/6.5	5		1628
5	112115179	163246	21.55	94.80	1006.7	CLD/CTR	167Turb/167/5.4	6		1652
6	112115143	164350	21.06	95.23	1005.5	CLR/SSS	060/7.0	7		1706
7	103125386	165511	19.79	95.59	1003.7	CLD/CTR	059/16.2	8		1719
8	112545080	170359	18.84	95.08	1001.3	CLD/CTR	199/13.8	9		1727
9	112545272	171240	18.52	94.00	1004.6	CLD/CTR	157/8.5	10		1736
10	103125419	173204	19.88	92.82	---	CLD/CTR	exit at 10m	11	corrs - sent	1801
11	103125394	174000	20.77	93.10	1005.9	CLD/CTR	144/6.0	12		1809
12	103125242	174822	21.15	94.85	N/A	CLD/CTR	Bad Temp	13		1833
13	103125357	175627	20.71	99.89	N/A	CLD/CTR	Bad Temp	14		1834
14	103125389	183311	21.55	95.71	1005.4	CLD/CTR	021/9.1	15		1858
15	103225019	184953	22.58	93.75	1006.0	CLD/CTR	087/9.4	16		1914
16	103125320	191053	20.41	93.55	1005.3	CLD/CTR	110/7.3	17		1936
17	103125414	191930	19.40	93.69	1004.0	CLD/CTR	093/11.3	18		1941
18	112315014	193316	19.02	92.00	1004.7	CLD/CTR	120/4.9	19		1958
19	103815144	194215	19.59	91.01	1006.0	THW/CTR	156/3.1	20		2014
20	104055078	195706	21.24	90.50	1005.5	THW/CTR	89/2.2	21		2025

ELD

