

U.S. Dep't. of Commerce / OMAO / NOAA / Aircraft Operations Center				
FLT ID: 20140703NI		From: KMCF		To: KMCF
FLT #:		Blk In: 2302 z		Lnd Time: 2253 z
ETD: 1730 z		Blk Out: 1708 z		T/O Time: 1714 z
ETE: 6+30		Total Blk: 5.9		Total Flt: 5.7
Sponsoring Org: HRD		Program: PRX		Purpose: TDR of ARTHUR
AOC Flight Crew				
Aircraft Commander: MOYERS			SSA: DEFEO	
Co-Pilot: MANSOURI MACINTYRE			AVAPS: NEWNAM MASCARO	
Navigator: /			Scientists:	
Flight Eng: /			Scientists:	
Flt Director: HENNING HEFFERAN			Scientists:	
SEB: GREENE /			Scientists:	
Crew Chief: Visitors: altim 30.04 / 30.02				
	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	#2 1015.6	STA 1017.1	#2 1013.8	STA 1016.4
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		11	Good: 11	Bad: 0 Sent: 11
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: NOAA9 1201A ARTHUR (ie: NOAA2 2418A SANDY)				
Remarks: http://www.eol.ucar.edu/flight_data				

N49RF AOC G' Tropwindsonde Log

Flight ID: 20140703N1

Flight Director: Richard Henning

Mission ID: 1201A Archwv

Storm/Track: Hurricane Arthur

240
15kts

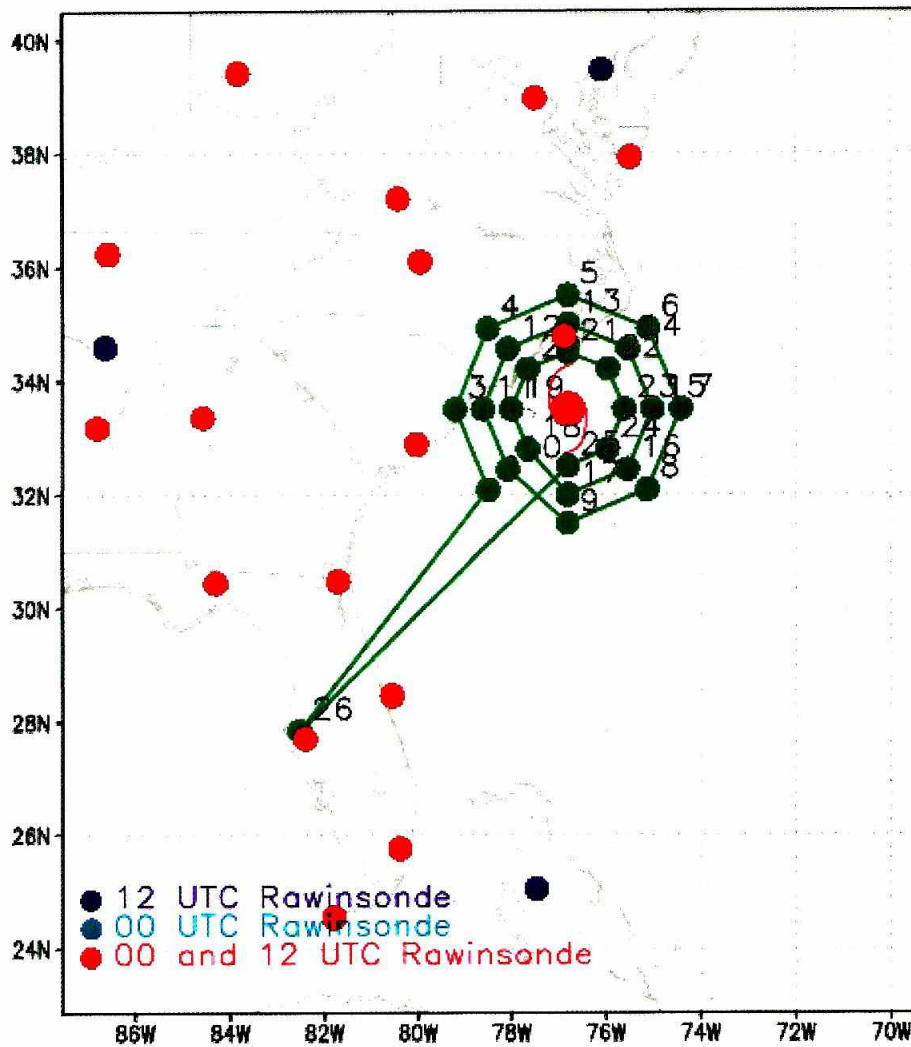
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into

4

22

Ch. #	Drop #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°W)	Wx Cond.	L5/R5	SFC Prs (mb)	Ob #	R5 Lowest Winds (Ht, Ws, Wd)	L5 Lowest Winds (Ht, Ws, Wd)	Sent Time (UTC)
1	1	123315041	1810	3213.4	07836.3		R5	1005.7	1			1833
2	2	112825152	1858	3452.4	07505.5 ⁿ		R5	1016.1		12.9 / 159		1916
3	3	112825152	1922	3206.1	7510.5		R5	1016.3		11.6 / 170.3		1942
4	4	132635030	1957	3334.0	7833.1		R5	997.5	99	29.3 / 323		2017
1	5	112825203	2033	3328.9	752.6		R5	1012.8		12.3 / 161.6		2054
2	6	132225074	2053	-	=		R5	1011		—		2120
3	7	112815184	2101	3250.1	7740.0		R5	1000		29.3 / 205		2127
4	8	132635032	2107	—	—		R5	977.9		—		2139
1	9	123315040	2115	—	—		R5	1005		18.3 / 87.6		2144
2	10	132635061	2126				R5	1010.6				
3	11	123315060	2138				R5	1011.1		17.5 / 182		2210



2032Z
33 21 N
77 59 W

2024Z
33 19 N
78 01 W

2014-07-02-12:32

33 02
78 12
W

32 42
78 24

73 at 968 mb