

NOAA WP-3D N43RF

TS Dolly TDR

Flight ID: 080721I

Sensor or System	Number or Name
INE	1
Accelerometer	1
Temperature Probe	1
Dew Point Probe	1 (General Eastern)
Altitude (for Vertical Wind)	APN-159
Static Pressure	Rosemount Fuselage
Dynamic Pressure	Rosemount Fuselage 1281
Time Source	Micro 99
Constants File	N43_hur08.adc

Notes:

Data Start Time: 202001Z. End Time: 043901Z.

There were several time/data gaps during the flight generated by the aircraft data system:

010701Z-010716Z, 020716Z-022205Z.

These data/time gaps could lead to erroneous vertical wind derivations.

Processed data file: 080721I_RC.nc

During the mission there were instances where the dewpoint temperature exceeded the derived ambient temperature. This occurred primarily during heavy precipitation.

Flight Director: Jack Parrish. (813) 828-3310, ex 3077

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

FLT ID: 080721I	From: KMCF	To: KMCF
Flt No: —	In: 0444 Z	On: 0436 Z
ETD: 2030Z Z	Out: 2014	Off: 2023
ETE: 9 + 00	Blk Time: 8:30 (8.5) Hrs	Flt Time: 8:13 + (8.2) Hrs
Sponsoring Org: NHE	Program: TDA	Purpose: T.S. Dolly

AOC Flight Crew

Aircraft Commander: Nelson	Data System: Lynch
Co-Pilot: Newman / Eberdt	AVAPS: Smith
Navigator: Bishop	System Engineer: Dasher
Flight Eng: Klippel / Floyd	AA:
Flight Director: Parrish	AA:
Avionics: Sans Souci	Crew Chief: Rosen, Kyle (USN Midshipman)

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
Rogers, Rob	P.I.	HRD
Camacho, J.	Observer	
Leighton, P.	Field Scientist	
Sellwood, Kathryn		

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)

Storm Name: T.S. Dolly	18 BTs	FIX 2359Z	22059N, 91058W	1000 mb
Mission ID: 1204A OOE	22/00Z EP	22.1N	89.5W	
0. ATIS	0750Z			
2405	07014			
33/24	27/23			
30.02	30.04			
1015.5				

Flew 3 crossing legs through TS Dolly.
 Two at 8K, 1 at 1.5K.
 17 spikes. 16 WAD, 1 RHC.
 18 BTs, 16 good.

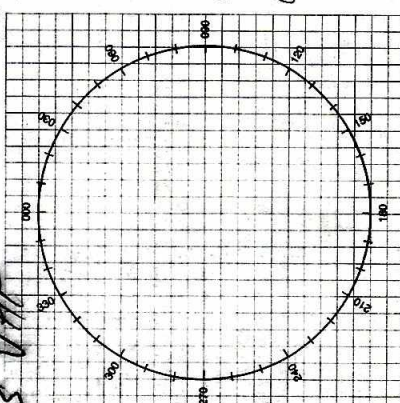
(See reverse for additional remarks)

727-9-16

281-
230-

5563

80660
W90-30
N24-25

[illegible]

ETP = .5(TOTAL DISTANCE x OUTBOUND WIND FACTOR)

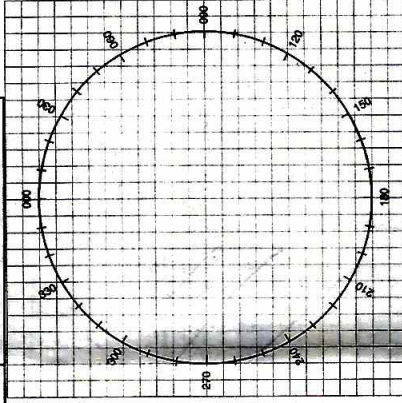
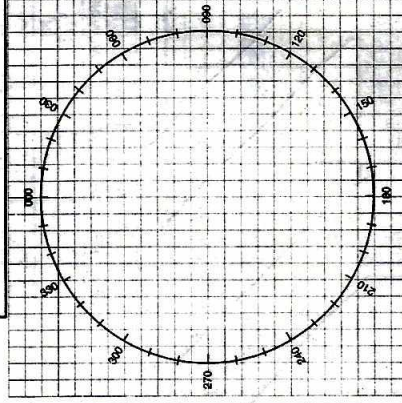
INS PERFORMANCE		INS 1	INS 2
BEGIN ALIGN TIME			
ALIGN STATUS (0-5)			
END NAV TIME		0550	0550
START NAV TIME		1910	1901
DELTA T		10450	10150

TERMINAL ERRORS		INS 1	INS 2
DELTA LAT		-29.1	+5
DELTA LON		711.1	-2
RCS		/	/
RADIAL ERROR		30.8	0.51

[illegible][illegible]

[illegible]

POSITION REPORT



TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/VOICE	VHF/VOICE	MF/VOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	500 KHZ

MAYDAY, MAYDAY, MAYDAY

THIS IS NOAA _____, NOAA _____, NOAA _____

- POSITION _____ N / S _____

[illegible]

- AT _____ KTS TRUE/INDICATED

• FLIGHT LEVEL OR ALTITUDE

**-WE ARE A P-3 AIRCRAFT
NATIVE OF EMERGENCY**

- NATURE OF EMERGEN
- ASSISTANCE DESIRED

- PILOT INTENTIONS

ENDURANCE REMAINING

1. POSITION

2. TIME

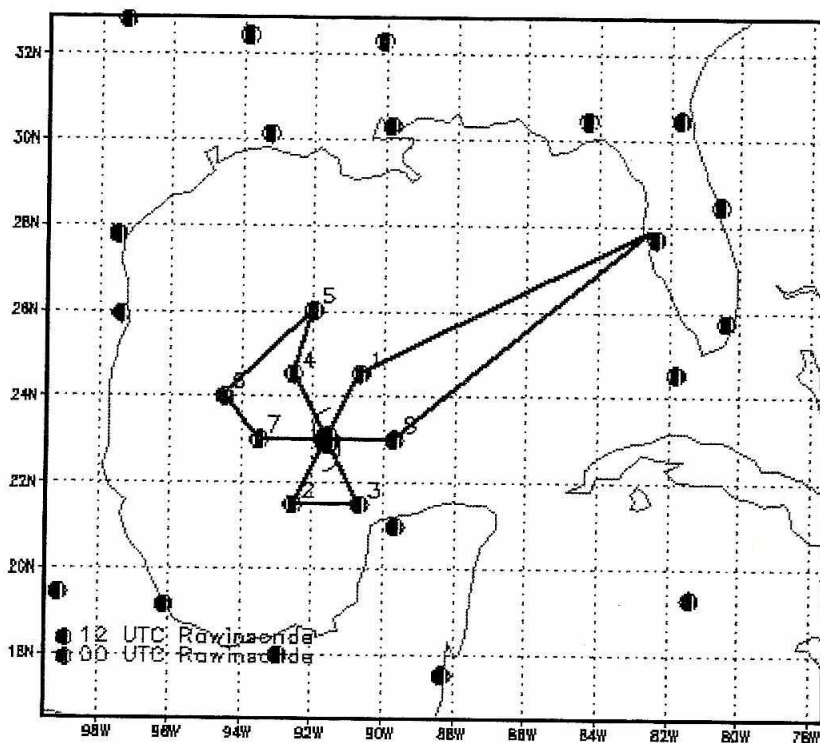
3. ALTITUDE

4. NEXT POSITION

5. ETA

6. NEXT POSITION

[illegible]



GRADS: COLA/ISCS

2008-07-21-14:11