

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

FLT ID: 20110323n1	From: PANC	To: PANC
FLT #: 11-047	Blk In: 0220 Z	Lnd Time: 0217 Z
ETD: 2030 Z	Blk Out: 2002 Z	T/O Time: 2009 Z
ETE: 6.5	Total Blk: 6.3	Total Flt: 6.1
Sponsoring Org: ncep	Program: WSR	Purpose: SURV

AOC Flight Crew

Aircraft Commander: Hagon	Data System: Rogers
Co-Pilot: Glover	Avaps: Paul
Navigator: /	System Engineer: Smith
Flight Eng: /	AA:
Flt Director: Ash	AA:
Avionics:	Crew Chief:

Participating Scientists, Visitors, & Add'l Aircrew on back.

Total # of people on board: 6

of people listed on back: 0

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure	1003.0			

ATIS - Takeoff 231853Z 01005KT 10SM SCT100 OVC120 M01/M06 A2976

ATIS - Land 240153Z 03004KT 10SM FEW060 SCT075 BKN095 OVC200 04/M07 A2977

Data Source	Number	Data Disposition / Date / Quality / File Name(s)		
Flight Level Tapes				
Radar Tapes				
Dropsondes	14	Good: 14	Bad: 0	Sent: 14
AXBT				

List other data sources on back in Remarks section.

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

Recco

Times:

Fix #

Fix Time

Storm Name: _____

Mission ID: NOAA9 43WSC Track 24



0220
NOAA G-IV N49RF
WSR-11, PANC-PANC
23 Mar 2011, 43WSC Track24



Flight ID: 20110323N1

Sensor or system

Accelerometer
Altitude
Attack Angle
Dew Point Probe
Dynamic Pressure
Geopotential Altitude
Inertial Selected
Static Pressure
Slip Angle
Temperature Probe
True Air Speed
Constants File
Flight Directory

Number or Name

AccZI.1
AltGPS.3
AA.2
TD.2
PQF.2
ALTGA.1 (AltGPS.3)
INE 1
PSF.2
SA.1
TTM.1
TASF.3
49cal102
acdata/MET/2011/20110323N1

Local Met Data:

Aircraft Static Pressure
Tower Pressure (corrected)

Takeoff (2009Z)

1003.0 mb
1002.3 mb

Landing (0217Z)

1003.9 mb
1002.6 mb

Notes:

AA1 has its typical spike during takeoff and landing. AA2 is used as reference.

TD1 was 15-20°C too warmer throughout time spent at flight level. Makes it unrealistic so TD2 was chosen as reference dew point.

There is a 1.75mb difference in PtADDU1 and PtADDU2 at 23:07:30.

There is a gap in all data at 00:00:09 to 00:00:54.

14 dropsondes launched (AVAPS II): 14 good, 0 bad.

All 14 good drops successfully transmitted to be ingested into the 24/00Z model.

Flight Director:

Phone #:

LCDR Nancy Ash

(813) 828-3310 ext. 3127

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Flight Director: Ash

Storm/Track: Track 24

Pg 1 of 1[illegible]

Track 24, 14 drops

Heavy precip - 40/122

hvy rainfall / sur wx 35/95

t/o wx:

wd:

2312/2418

urb04KT P6SM SCT070 OVC120

ws:

2000

clouds:

ADD

turb:

3201KT P6SM -SHRA SN SCT008 OVC015

PADU

2301KT P6SM SCT025 BKN040

Outbound:

wd:

ws:

W 140 KTS

clouds:

turb:

Inbound:

wd:

ws:

clouds:

turb:

landing wx:

wd:

ws:

urb04KT P6SM SCT070 OVC120

0330

clouds:

turb:

ADD

FM 240000 3301KT P6SM VCSH BKN025
OVC040

local conditions:

FM 0000 PADU: urb05KT 5SM -SHSN OVC025

Sea Salt:

Volcanic Ash: none