

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

FLT ID: 20110327N1	From: PANC	To: PANC
FLT #: 11-050	Blk In: 0257 Z	Lnd Time: 0254 Z
ETD: 2000 Z	Blk Out: 1926 Z	T/O Time: 1931 Z
ETE: 8.0	Total Blk: 7.5	Total Flt: 7.4
Sponsoring Org: ncep	Program: WSR	Purpose: SURV

AOC Flight Crew

Aircraft Commander: Hagan	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	996.5			

ATIS - Takeoff 1852Z 00000KT 10SM SCT30 OVC200 M02/M06 A2956

ATIS - Land 0153Z 00000KT 10SM FEW050 SCT075 SCT200 00/M05 A 2955

Data Source	Number	Data Disposition / Date / Quality / File Name(s)
Flight Level Tapes		
Radar Tapes		
Dropsondes	19	Good: 19 Bad: 0 Sent: 19
AXBT		

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)		Recco Times:	Fix #	Fix Time
Storm Name:				
Mission ID: NOAA 46WJC Track 28				

Eliaht Director: ASH

Pg 1 of 1

[illegible]



NOAA G-IV N49RF
WSR-11, PANC-PANC
27 Mar 2011, 46WSC Track 28



Flight ID: 20110327N1

<u>Sensor or system</u>	<u>Number or Name</u>	
Accelerometer	AccZI.1	
Altitude	AltGPS.3	
Attack Angle	AA.2	
Dew Point Probe	TDM.2	
Dynamic Pressure	PQF.2	
Geopotential Altitude	ALTGA.1 (AltGPS.3)	
Inertial Selected	INE 1	
Static Pressure	PSF.2	
Slip Angle	SA.1	
Temperature Probe	TTM.1	
True Air Speed	TASF.1	
Constants File	49cal102	
Flight Directory	acdata/MET/2011/20110327N1	
Local Met Data:	<u>Takeoff</u> (1931Z)	<u>Landing</u> (0254Z)
Aircraft Static Pressure	996.5 mb	996.3 mb
Tower Pressure (corrected)	996.5 mb	996.2 mb

Notes:

INE3 was showing much larger amplitude oscillations as compared to INE1 and INE2. For example when comparing LatGPS2 to LatI3 the oscillation amplitude started off at approx 0.2° whereas when comparing LatI1 or LatI2 the oscillation was on the order of 0.01°.

TTM3 had an oscillation throughout the flight therefore TTM1 was selected in its place as reference (this oscillation is also seen in TASF3 because TASF3 uses TT3 in calculations so TASF1 was selected as reference).

19 dropsondes launched (AVAPS II): 19 good, 0 bad.
All 19 good drops successfully transmitted to be ingested into the 28/00Z model.

Flight Director:
Phone #:

LCDR Nancy Ash
(813) 828-3310 ext. 3127

Track 28

19 drops

Developing Gulf Coast low
heavy precip Pac NW
severe wx southern U.S.

t/o wx: wd: ANC

ws: 04006KT P6SM SCT080 BKN130

27/2000 couds: * 08004KT 10SM FEW080 BKN130 OVC200
turb: 1104/1106 A2956

Outbound: wd:

ws: W-SW 60-90 KTS

clouds:

turb:

Inbound: wd:

ws:

clouds:

turb:

landing wx: wd:

anc urb 05KT P6SM ~~BKN070~~

ws:

28/0400 clouds: ARR 25005KT P6SM FEW040

turb:

local conditions:

Sea Salt: Two Pirap: none

Volcanic Ash: Kizimen - no threat