

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

FLT ID: 20110325n1	From: PANIC	To: PANIC
FLT #: 11-048	Blk In: 0307 Z	Lnd Time: 0304 Z
ETD: 2000 Z	Blk Out: 1938 Z	T/O Time: 1948 Z
ETE: 7.5	Total Blk: 7.5	Total Flt: 7.3
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				

ATIS - Takeoff 251853Z 00000KT 10SM FEW007 BKN060 BKN090 OVC130 M01/M03 A2961

ATIS - Land 260253Z 23004KT 10SM FEW035 BKN055 OVC080 01/M04 A2958

Data Source	Number	Data Disposition / Date / Quality / File Name(s)
Flight Level Tapes		
Radar Tapes		
Dropsondes	18	Good: 18 Bad: 0 Sent: 18
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: NDAA 9 44 WSC Track 23			

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FLT ID:	T/O Time: Z	Lnd Time: Z
Name (Last, First)	Activity on Aircraft	Affiliation

Remarks:



NOAA G-IV N49RF
WSR-11, PANC-PANC
25 Mar 2011, 44WSC Track23



Flight ID: 20110325N1

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.1
49cal102
acdata/MET/2011/20110325N1

Local Met Data:

Aircraft Static Pressure
Tower Pressure (corrected)

Takeoff (1948Z)

998.4mb
998.2mb

Landing (0304Z)

996.9 mb
997.2mb

Notes:

There is a gap in all data from 00:00:08z until 00:00:54z

TTM.3 has a steady oscillation that can be seen when compared with TTM.1 and TTM. 4. The magnitude of the oscillation is about 1.28°C with a mostly constant period of about 12 min. TTM.1 was chosen as the reference temperature.

TD1 was on average 8°C warmer than the ambient temperature whereas TD2 was a more realistic 11°C cooler at flight level ambient temperature therefore TD2 was chosen as reference.

18 dropsondes launched (AVAPS II): 18 good, 0 bad.

All 18 good drops successfully transmitted to be ingested into the 26/00Z model.

Flight Director:
Phone #:

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

Flight Director: Ash

Mission ID: N0779 44 USC

Storm/Track: Track 23

Pg 1 of 1

[illegible]

Track 23, 18 drops 33/-91 pxt sig wx outbreak over Southern U.S.
45/-13 heavy precip over Pacific NW

t/o wx: wd: (0604KT P6SM SCT050 OVC080)
ws: 0000KT 10SM FEW007 BKN060 BKN090
2000 couds: M01/M03 AZ961
turb: ADU
11005KT 2SM -SN OVC015

Outbound: wd: ALN King Salmon: 34005KT P6SM SCT030 BKN080
ws: SW 50-90 KTS
clouds: W/NW 50 KTS
turb: ALO. 30008KT P6SM SCT025 BKN040

Inbound: wd:
ws:
clouds:
turb:

landing wx: wd: 0604KT P6SM SCT050 OVC080
ws:
0400 clouds: ADU
turb: 35012KT 3SM -SHSN OVC025
local conditions:

Sea Salt: turb - no pipe ps

Volcanic Ash: none