

U.S. DEPT. COMM./NORA/OAO - DATA SECTION WORK FORM NO.1 OAOWF1 FILE

FLT ID: 990909 D

FM: $\triangle 13X$

TO: TTSX

FLT NO: 99-49

BLK IN: 0154

ATA: 0150

ETD: 1730-2

DLK OUT: 1724

RTD: 1733

ETE: 9

BLK TIME: 8:30 (8.5)

FLT TIME: 8:17 (8.3)

SPONSOR ORG: *D.Hc.*

PROGRAM: Surveillance

PURPOSE: T.S. Floyd...

000 PERSONNEL

AC Fiske ~

SYS ENG Goldstein

CP McCann ✓ Gates ✓

DATA SYS *Horsalook*

~~NAV~~ Kitson

21 - ~~FE~~ White -

RADAR

BT/ODW Smith

RADIO

CLD PHYS

FD Farrish ✓

DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME

ACTIVITY ON A/C

AFFILIATION

Land sea, C. ✓
Pherson, S. ✓

1785

1421

7

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP N)
 Ag. w/ocul Flad, NOAA9 0308A Flad

16474 vocal Floyd, JOA9 0308A FLOYD

AF, TEAL 38. 18,002 FIVE,

Early diversion away from Pt. 1 due to traffic

2254- Cut point 16 Dec 16 99.5

23 messages sent. 23 dropsondes launched, 11 had tail winds.

1647 1/2
050/10
32/24
29.90
33/22
1008.8

ATIS
009472
0207
28/25
29.88

$$\begin{array}{r} 107 \\ 28 \overline{) 2996} \\ \underline{280} \\ 196 \\ \underline{168} \\ 280 \\ \underline{280} \\ 0 \end{array}$$

1009.6

99 09 09 N

T.S. FLOYD SURVEILLANCE

$$\overline{V_{ISX}} = \overline{V_{ISY}}$$
[illegible]

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE 99

Flight ID 990909N

Mission: _____

Flight #: _____

System Status: ✓

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	GOOD ☒ / B
1	984 925 113	1/5	1820	φ	8/60	JAS	P1 - Loss of Sat lock!	✓
2	990 845 065	2/6	1831	0.4	21			✓
3	990 838 042	1/5	1846	φ	32		WINDS FAILED AT 850mb	B
4	991 845 303	1/5	1907	φ	21			✓
5	991 515 153	1/5	1935	φ.5	3			✓
6	991 435 087	1/5	1957	φ	22			✓
7	991 515 078	1/5	2021	0.9	36			✓
8	991 218 017	2/6	2035	φ	23			✓
9	990 838 043	1/7	2048	φ	—	ASG	NO WINDS - FAST FALL	B
10	990 838 035	3	2050	φ	15	ASG	POOR TELEM 2ND 1/2	✓
11	983 310 004	1/8	2102	φ	18	ASG		✓
12	984 325 227	1/6	2125	φ	37	ASG		✓
13	983 340 087	1/7	2145	.7	21	ASG		✓
14	990 415 055	1/8	2206	.6	25	ASG		✓
15	985 145 005	1/6	2233	.5	26	ASG		✓
16	990 148 003	1/7	2255	0	48	ASG		✓
17	984 325 307	2/6	2312	0	41	ch		✓
18	985 145 016	1/5	2331	.6	18	ch		✓
19	990 415 068	1/5	2353	.6	28	ch		✓
20	983 310 178	1/5	0014	.9	58	ch		✓
21	984 325 185	1/5	0033	.4	18	ch		✓
22	984 325 274	2/6	0050	0	55	ch	Lost winds - bad winds 500mb → 560mb	B
23	990 415 072	1/5	0109	.7	85	ch	Late winds	✓
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								

Testing new S.W/FW V2.5 / V2.05 on L5

All 984 325 xxx sondes REQUIRE CHUTE CHECK

103
AOC #05

-65 -60 -55 -50 -45

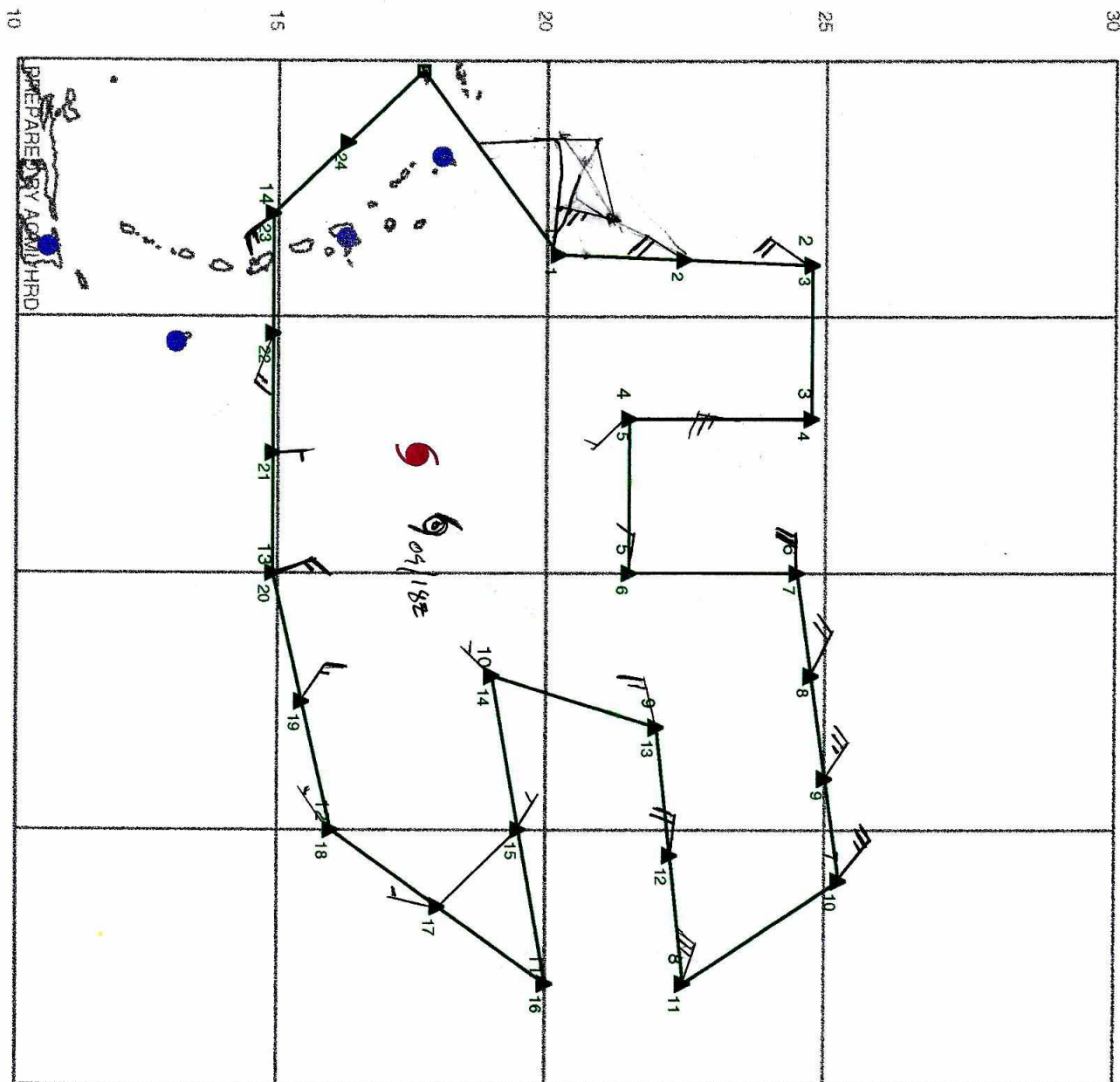
FLIGHT TRACKS FLOYD

990909n.fik

RAWINSONDES 9804

- Regular
- 12Z only
- 00Z only
- Infrequent
- Infrequent - 00Z
- Infrequent - 12Z

▲ DROP LOCATIONS



1800
1803 N
~~1803~~
1802Z 997
18030 65 NE corner
56 2000
1954
1805 996
56 40 275/10
Bucc

18
56 65
280/7

TEAC 3842
18 52
60 905

NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: Hurr. 99 Project No. 430 Flight No. 12 Flight ID: 990909 W
 SED Crew: Hornbrook, Smiley, Goldstein Mission: NOAA 903009 Floyd
 Pre-Flight: 1548 Z Take-Off: 1732:37 Z Landing: 0150:08 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check			
NAV	IRS #1		<u>OK</u>					
	IRS #2		<u>OK</u>					
	IRS #3							
	GPS Honeywell #1		<u>OK</u>					
	GPS Honeywell #2		<u>OK</u>					
	GPS Collins		<u>OK</u>		Off? ☒			
Nose Radar -Collins					Off? ☒			
TEMP	Time	Temp °C			Time	Temp °C		
	Temp #1	<u>1636</u>	<u>38.2</u>	<u>OK</u>	<u>2117</u>	<u>-41.8</u>	<u>0152</u>	<u>31.8</u>
	Temp #2		<u>38.1</u>	<u>OK</u>		<u>-40.3</u>		<u>33.9</u>
	Temp #3		<u>35.7</u>	<u>OK</u>		<u>-40.6</u>		<u>31.4</u>
	Temp #4		<u>42.1</u>	<u>OK</u>	<u>↓</u>	<u>-40.98</u>		<u>35.7</u>
	DP Left		<u>22.8</u>	<u>OK</u>	Cal. Time:			<u>22.0</u>
	DP Right		<u>25.2</u>	<u>OK</u>	Cal. Time:			<u>21.9</u>
PRES	Attack Angle (ADCAOA)		<u>OK</u>	<u>4.3°</u>				
	Slip Angle (BPx/DxPx)		<u>OK</u>					
	Differential (PQ1/PQ2)		<u>OK</u>					
	Absolute (PS1/PS2)		<u>OK</u>	<u>159.8</u>	<u>161.09</u>			
Check Radome Press. Lines ☒	Date:	<u>9/8/99</u>						
SYSTEMS	DOWN PRT-5 ⇒ Open? ☐	Not USED			Closed? ☐	<u>NU</u>		
	MADS (WINDS/DISCWIN)		<u>OK</u>		# DATs:	<u>1</u>		
	MADS Printer ⇒ Paper? ☒		<u>OK</u>		Printer Power off? ☒			
	MADS Cal. Date: <u>8/26/99</u>	QC time:	<u>1638</u>		QC time:	<u>0152</u>		
	WINDS ⇒ NET BCAST ☒		<u>OK</u>					
	HAPS System / Time set? ☐		<u>OK</u>		# Msg: <u>37</u>	# Fail: <u>14</u> <u>fail some by Haps</u>		
	AVAPS System		<u>OK</u>	<u>①</u>				
	K2 Printer ⇒ Paper? ☒		<u>OK</u>		Printer Power off? ☒			
	Exterior Walk Around ☒		<u>OK</u>					
	Inspect DropSonde Chute Bolts		<u>OK</u>					
MISC	Satcom (Flight Phone) ☒				Off CB? ☒			
	Call COMSAT? ☐ (*292#)		<u>OK</u>					
	FCU/UPS/CB	CB's Checked? ☒	<u>OK</u>		UPS off? ☒			
	AVAPS Sondes	# On Board:	<u>NA</u>	# Dropped:	# Good:	<u>NA</u>		
	AXBT	# On Board:	<u>157</u>	# Dropped:	# Good:	<u>21</u>		
	APN-232 Altimeter		<u>OK</u>					
Modem Power On? ☒		<u>OK</u>						

1	DAT Tape #1	On: <u>1719:37</u>	Type: <u>version 02 bom</u>	Off: <u>0155:33</u>
2	DAT Tape #2	On:	Type:	Off:
Comments:				

Please Note Any Discrepancies

[illegible]