

U.S. Dept. of Commerce / NMAO / NOAA / Aircraft Operations Center

Flt ID: 040923N	From: Kmcf	To: Kmcf
Flt. No: 04-116	Blk In: 0141 z	Time On: 0134 z
ETD: 1730 z	Blk Out: 1715 z	Time Off: 1729 z
ETE: 8+30	Blk Time: 8+26 (8.4) Hrs	Flt Time: 8+05 (8.1) Hrs
Sponsoring Org: NHC	Program: Surveillance	Purpose: Jeanne

AOC Flight Crew

Aircraft Commander: McCann, B	Data System: Hill, J
Co-Pilot: Finn, m	AVAPS: Carpenter, O
Navigator: /	System Eng: Brogan, D
Flight Eng: /	A A:
Flight Director: Majeaux, m	A A:
Avionics:	Crew Chief:

Participating Scientists / Visitors

Name (Last, First)	Activity on Aircraft	Affiliation
Black, m	Haps	HRD

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

Storm Name: Jeanne

813-833-3254

Recco Times

6017

Fix # Fix Time

Mission ID: Nuna 9 1511R Jeanne

Penetration number and time

No FO Logger

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Flight ID: 040923N		Time Off: 1729 Z		Time On: 0134 Z	
	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land	
Pressure	1017.4 mb	3006 108.0 mb	1015.4 mb	3004 1017.3 mb	
ATIS	Time	Observation			
Takeoff	1727Z	0400KT			
Land	0128Z	03006KT			
	Number	Data Disposition / Date / Quality			
Flight Level Tapes					
Radar Tapes					
Cloud Physics Tapes / CDs					
Video Tapes					
Dropsondes	29	Good: 28 Bad: 1			
AXBT					
AXCP					
AXCTD					

Remarks:

Time	Lat	Long	Trk	Hdg	Wind Dir	Wind Spd	T _a	T _d	Press. Alt	Geo. Alt	Sfc Press.	Press. Sfc	Dyn. Press	Remarks
180603	-	-	-	-	-	-	-	-	-	-	-	-	-	Drop 1 winds 50
181840	29.7	-78.6	342	342	125	12 m/s	-57.7	-67.2	40969	43213	-	178	86.8	Drop 2 no Sats
182010	29.8	-78.6	342	342	130	12.4	-58.1	-67.3	40957	43222	-	178	87.9	Drop 2 Backup Line 45
183130	31.2	-79.1	43	48	146	15	-60.2	-64.9	41436	43709	-	174	85.5	Drop 3 winds 34
185034	31.4	-76.5	139	141	159	10.7	-59.3	-65.7	41474	43745	-	173.4	85.6	Drop 4 winds 40
190510	29.7	-76.2	173.1	171.5	161	9.8	-60.2	-68.1	41972	44238	-	169.2	83.5	Drop 5 winds 53
192022	28.0	-75.9	127.1	124.7	150.7	17.3	-59.6	-64.3	41951	44220	-	164.3	81.8	Drop 6 winds 28
193535	27.8	-73.9	67.7	67.6	159.7	9.01	-58.5	-63.4	41929	44217	-	164.4	82.5	Drop 7 winds 35
194848	28.9	-72.5	348	343	255	6.4	-58.5	-67.4	42406	44760	-	165.4	80.1	Drop 8 winds 17
200212	30.0	-73.9	15	18	174.4	6.11	-58.1	-64.9	42422	44744	-	165.2	81.4	Drop 9 winds 22
201819	31.0	-71.9	59	61	107	16.7	-60.9	-70.5	42417	44751	-	165.3	81.3	Drop 10 winds 33
203448	31.9	-70.1	116	117	110	12.6	-61.1	-69.8	42875	45260	-	161.6	80.1	Drop 11 winds 24
205246	30.1	-69.1	198	200	208	15.8	-62.9	-69.7	43803	46203	-	153.9	77.4	Drop 12 winds 19
210759	28.8	-70.4	162	158	187	17.3	-62.7	-64.3	43822	46257	-	154.1	78.7	Drop 13 winds 24
212143	27.7	-69.1	151	153	192	13.3	-64.6	-65.3	44322	46726	-	149.7	81.9	Drop 14 winds 24
213538	26.2	-68.5	83.9	77	264	0.72	-64.7	-63.4	44749	47172	-	146.7	75.8	Drop 15 winds 26
215354	28.0	-67.0	11.0	8.1	280	8	-66.9	-66.1	44753	47196	-	146.5	78.8	Drop 16 winds 29
220843	29.8	-66.9	87.9	93.6	231	7	-65.0	-68.0	44746	47222	-	146.6	79.6	Drop 17 winds 29
222750	27.9	-65.05	180	185	277	17	-65	-67	44746	47192	-	146.5	78.4	Drop 18 winds 16
224516	25.9	-65.9	172.7	170.0	275	5	-67	-67	44780	47241	-	146.4	79.6	Drop 19 winds 38
230108	24.1	-65.1	211	217	326	15	-65	-63	44739	47194	-	146.6	77.6	Drop 20 winds 54
231545	24.1	-67.1	274	274	54	8	-66	-67	44772	47206	-	146.4	81.3	Drop 21 winds 38
233022	24.2	-69.1	247	244	155	3	-65	-70	44753	47206	-	146.6	78.6	Drop 22 winds 38
234408	23.1	-70.6	258	256	125	9	-65	-71	44747	47200	-	147	79.5	Drop 23 winds 16
235716	23.2	-72.45	294	293	124	8	-65	-71	44744	47172	-	147	78.8	Drop 24 winds 16
001840	24.3	-73.9	331	331	91	6	-65	-72	44745	47221	-	146	78.8	Drop 25 winds 21
002450	25.9	-74.6	297	293	216	6	-64.8	-67	44759	47264	-	146	79.6	Drop 26 winds 27
003654	26.0	-76.3	270.1	267.3	166	7	-65	-71	44744	47208	-	146	78.2	Drop 27 winds 38
004916	26	-78.02	287	286	158	6	-65	-72	44756	47219	-	146	81.4	Drop 28 winds 15

N49RF AVAPS DropSonde Log

N49RF Project: HURRICANE '04

Flight ID 040923N

Mission: Jeane Flight #: 28

Launcher S/N: 02

Status: Sys 1 OK

Sys 2 OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	GOOD ☒
1	041 625 083	1	1805	0	50	DWC	OK	✓
2	034 718 046	2	1818	0	270		Very late winds	✓
3	034 718 031	3	1820	0	45		B/U for drop #2	✓
4	034 718 042	1	1831	0	34		OK	✓
5	034 615 186	2	1850	0	40			✓
6	034 718 052	1	1905	0	53			✓
7	034 718 035	2	1920	0	28			✓
8	034 718 037	1	1935	0	35			✓
9	034 718 039	2	1948	0	17			✓
10	034 718 033	1	2002	0	22			✓
11	041 625 085	2	2018	0	33			✓
12	034 718 044	1	2034	0	24			✓
	042 415 258	2	2052	0	19			✓
14	034 718 062	1	2107	0	24			✓
15	034 718 030	2	2121	0	90		Late winds	✓
(16)	034 718 049	1	2135	0	26		OK	✓
17	042 215 063	2	2153	0	29			✓
18	034 718 053	1	2208	0	29			✓
19	035 135 064	2	2227	0	16			✓
20	042 415 263	1	2245	0	38			✓
21	042 415 257	2	2301	0	54			✓
22	034 718 011	1	2315	0	38			✓
23	042 415 265	2	2330	0	38			✓
24	042 115 107	1	2344	0	16			✓
25	042 415 259	2	2357	0	16			✓
26	042 115 109	1	0010	0	21			✓
27	042 115 108	2	0024	0	27			✓
28	034 718 060	1	0036	0	38			✓
29	042 115 013	2	0049	0	15	↓	↓	✓
30								
31								
32								
33								

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: JEANNE

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 23/1730Z
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DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	28 00	78 00		0:43
2	29 38	78 38		0:57
3	31 15	79 15		1:11
4	31 30	76 30		1:30
5	29 45	76 15		1:44
6	28 00	76 00		1:59
7	27 46	73 56		2:14
8	28 51	72 26		2:28
9	30 00	74 00		2:42
10	31 00	72 00		2:59
11	32 00	70 00		3:15
12	30 00	69 00		3:32
13	28 51	70 34		3:47
14	27 46	69 04		4:01
15	26 00	68 30		4:16
16	28 00	67 00		4:36
17	30 00	67 00		4:52
18	28 00	65 00		5:14
19	26 00	66 00		5:31
20	24 00	65 00		5:49
21	24 07	67 02		6:05
22	24 14	69 04		6:20
23	23 09	70 34		6:34
24	23 09	72 26		6:48
25	24 14	73 56		7:02
26	26 00	74 30		7:17
27	26 00	76 15		7:30
28	26 00	78 00		7:43

56 seconds

180600Z

1730
4361730 1730
2125-22151730
615-634
2340-2405 0100

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: JEANNE

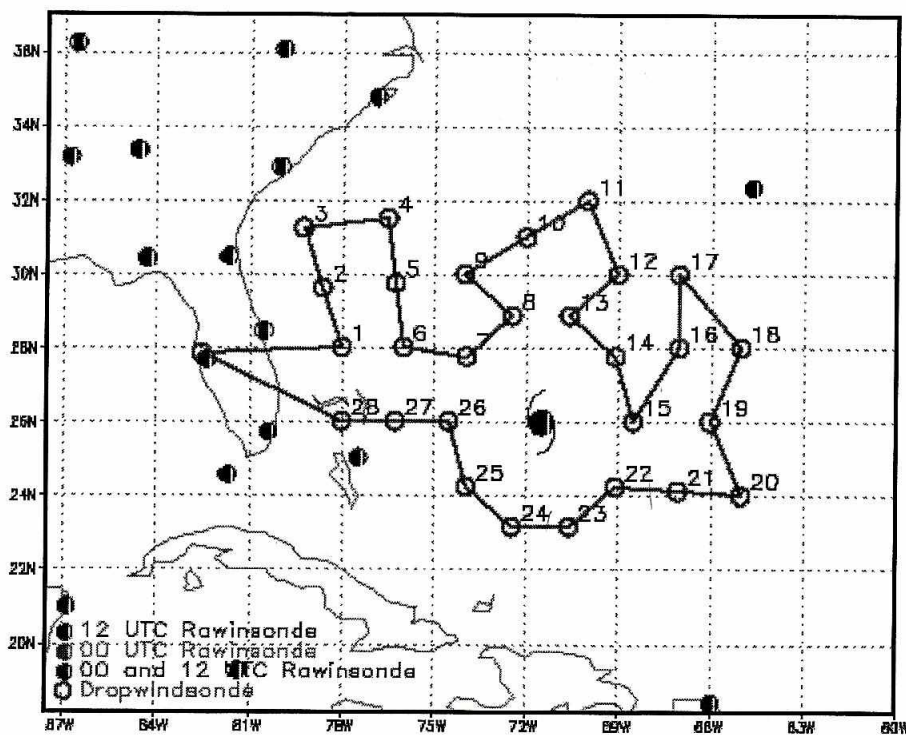
Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 23/1730Z

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TRACK DISTANCE TABLE

#	LAT (d m)	LON (d/m)	RAD/AZM (nm/dg)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	MACDILL			0.	0.	0:00
1	28 00	78 00		240.	240.	0:43
2	31 15	79 15		206.	446.	1:11
3	31 30	76 30		142.	588.	1:30
4	28 00	76 00		212.	800.	1:59
5	27 46	73 56		111.	911.	2:14
6	28 51	72 26		103.	1014.	2:28
7	30 00	74 00		107.	1121.	2:42
8	32 00	70 00		239.	1360.	3:15
9	30 00	69 00		131.	1491.	3:32
10	28 51	70 34		107.	1598.	3:47
11	27 46	69 04		103.	1701.	4:01
12	26 00	68 30		110.	1811.	4:16
13	28 00	67 00		145.	1956.	4:36
14	30 00	67 00		120.	2076.	4:52
15	28 00	65 00		160.	2236.	5:14
16	26 00	66 00		132.	2368.	5:31
17	24 00	65 00		132.	2500.	5:49
18	24 14	69 04		224.	2723.	6:20
19	23 09	70 34		105.	2829.	6:34
20	23 09	72 26		102.	2931.	6:48
21	24 14	73 56		105.	3037.	7:02
22	26 00	74 30		110.	3147.	7:17
23	26 00	76 15		95.	3242.	7:30
24	26 00	78 00		95.	3336.	7:43
25	MACDILL			267.	3603.	8:29



GrADS: COLU16ES

2004-09-22-20:05