

AC	Maxson ✓	SYS ENG	W. J. ✓
CP	McLannan ✓	DATA SYS	Lino
NAV	White ✓	RADAR	Lynch ✓
FE	Kitson	BT/ODW	
RADIO		CLD PHYS	
FD	Parrish ✓	DOPPLER	

[illegible]

WSWSC TRACK 20
1953.2
280.14. First drop slightly south to avoid land.
-2/-3
29.89
0153Z. 0253Z 26 drops. "No. Sackey's"
Calm ~~030/3~~
V10 V10 26 msgs sent.
1008-3 8K OVC C9K OVC
320/6 -1/-2
29.95 29.95
19/5kt
0.3/-3
1009.3

00002080 WSA-2000 FLIGHTS

Time	Lat	Lon	TA	WD	WS	CA	PA	TA	TD	B			
2021	61 10	149 35											
203145	01 14	150 19	209	138	10	2793	2943	-11.7	-11.0	702	1		
208715	57 09	150 24	182	154	14	11460	11849	-48.3	-62.9	197	Drop 1	✓	100% hand at bottom
210543	57 28	150 31	176	140	18	11591	11960	-48.4	-62.7	194	Drop 2	✓	60% hand at bottom
212027	55 44	150 16	175	152	19.9	11587	11958	-48.2	-59.6	193.9	Drop 3	✓	
213517	54 00	150 00	179	152	20.5	11591	11958	-48.6	-59.5	194	Drop 4	✓	
215214	52 00	150 00	180	175	17	11585	11955	-48.6	-59.6	194	Drop 5	✓	
220505	50 00	150 00	174	165	13.5	11584	11954	-48.8	-59.4		Drop 6	✓	
222258	48 20	149 40	172	195	11	11555	11955	-47.4	-59.3	194	Drop 7	✓	
223447	46 40	149 20	172	208	7.7	11601	11952	-47.8	-59.6	194.2	Drop 8	✓	
225250	45 00	149 00	167	217	9.6	11637	11954	-49.4	-60.2	194	Drop 9	✓	
230250	43 30	148 30	166	246	9.3	11662	11952	-49.8	-60.3	194.2	Drop 10	✓	
231441	42 02	147 58	~	294	14	11705	11954	-49.1	-60.6	194	Drop 11	✓	
232843	41 20	145 40	110	302	7.1	11725	11952	-49.8	-60.1	194	Drop 12	✓	
234138	40 40	143 20	109	277	11.5	12361	12541	-49.9	-60.5	176.3	Drop 13	✓	
235759	40 05	141 00	~	265	16	12378	12543	-51.3	-60.6	176.2	Drop 14	✓	
001148	41 40	139 40	30	254	17.8	12356	12541	-49.9	-60.7	176.3	Drop 15	✓	
002626	43 20	138 20	29.6	263	17	12357	12543	-48	-60	176.3	Drop 16	✓	
004100	45 00	137 03	~	235	17	12332	12539	-50	-59.9	176.4	Drop 17	✓	
005500	46 40	138 00	338	244	10.9	12311	12543	-45.9	-57.7	176.2	Drop 18	✓	
010925	48 20	139 00	338.8	251	15.5	12294	12541	-47.8	-58.5	176.3	Drop 19	✓	
012335	50 00	140 00	337	256	10	12286	12541	-47.6	-58.4	176.3	Drop 20	✓	
013632	51 30	141 00	338	265	8.6	12281	12541	-47.9	-58.6	176.3	Drop 21	✓	
014922	53 00	142 00	339.6	244	8.5	12283	12543	-48.5	-58.7	176.3	Drop 22	✓	
020253	54 36	143 00	340.6	243	11.9	12277	12542	-48.6	-59.2	176.3	Drop 23	✓	
021617	56 12	144 00	338.5	255	10.7	12267	12540	-48.8	-59.0	176.3	Drop 24	✓	
023011	57 48	145 12	339.5	268	6.8	12262	12541	-49.0	-59.7	176.3	Drop 25	✓	
024402	59 25	146 23	323	251	8.9	12251	12539	-50.9	-60.4	176	Drop 26	✓	
025730	60 40	148 41	316	222	7.7	4669	4796	-22.9	-32.4	316	↓		
0320	61 09.9	149 58.9					25.6	5.2	-6.2	1010.1	Block 12		

N49RF Hurricane 99 / AVAPS DropSonde Log

N49RF Project: Winter Storms '00

Flight ID: 000208N

Mission: Fit Track 20

Flight #: 5

System Status: ✓

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status/ Failure Reason	GOOD ☒
1	98A715004	6	20:51	.4	11	JH		✓
2	992615050	5	21:05	.6	20			
3	983620745	6	21:20	.6	14			
4	990845140	5	21:35	.2	34			
5	991037043	6	21:52	.8	21			
6	992525877	6	22:09	.7	23			
7	992455489	5	22:23	.3	11			
8	990935045	6	22:36	.5	22			
9	991515272	5	22:50	.8	19			
10	992455491	6	23:02	.7	18			
11	983310186	5	23:14	.7	10			
12	990935204	6	23:28	.8	36			
13	990415065	5	23:43	1.0	27			
14	990845037	6	23:57	.4	23			
15	983310175	5	00:11	.5	40			
16	983620687	6	00:26	.8	28			
17	983840545	5	00:41	1.5	42			
18	983620648	6	00:55	.7	9			
19	983410146	5	01:09	.2	13			
20	990148040	6	01:23	.6	23			
21	990935205	5	01:36	.6	16			
22	983310075	6	01:49	.4	14			
23	983720818	5	02:03	.7	14			
24	983410031	6	02:16	1.8	39			
25	983620686	5	02:30	.8	14			
26	983310174	6	02:44	.7	25	JH		✓
27								
28								
29								
30								
31								
32								
33								

6→1
5→2

WINTER STORMS RECONNAISSANCE: TRACK 20

Proposed takeoff: 8 February 2000, 2030Z

Aircraft Type: G-IV

CallSign: NOAA 49

Altitude: FL370-430

TRACK DISTANCE TABLE

#	LAT (d m)	LON (d/m)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	PANC		0.	0.	0:00
1	MARLO		224.	224.	0:40
2	54 00	150 00	209.	432.	1:09
3	50 00	150 00	240.	673.	1:41
4	45 00	149 00	303.	976.	2:23
5	42 00	148 00	186.	1162.	2:48
6	40 00	141 00	339.	1501.	3:34
7	45 00	137 00	349.	1850.	4:21
8	50 00	140 00	324.	2174.	5:05
9	53 00	142 00	195.	2369.	5:32
10	HATON		204.	2573.	5:59
11	MDO		208.	2781.	6:28
12	NOWEL		94.	2875.	6:40
13	PANC		57.	2933.	6:58

WINTER STORMS RECONNAISSANCE: TRACK 20

Proposed takeoff: 8 February 2000, 2030Z

Aircraft Type: G-IV

CallSign: NOAA 49

Altitude: FL370-430

DROP LOCATIONS

#	LAT (d m)	LON (d m)	TIME (h:mm)
1	59 19	150 16	0:25
2	57 28	150 32	0:40
3	55 44	150 16	0:55
4	54 00	150 00	1:09
5	52 00	150 00	1:25
6	50 00	150 00	1:41
7	48 20	149 40	1:55
8	46 40	149 20	2:09
9	45 00	149 00	2:23
10	43 30	148 30	2:35
11	42 00	148 00	2:48
12	41 20	145 40	3:03
13	40 40	143 20	3:18
14	40 00	141 00	3:34
15	41 40	139 40	3:50
16	43 20	138 20	4:05
17	45 00	137 00	4:21
18	46 40	138 00	4:36
19	48 20	139 00	4:51
20	50 00	140 00	5:05
21	51 30	141 00	5:18
22	53 00	142 00	5:32
23	54 36	143 00	5:46
24	56 11	144 00	5:59
25	57 48	145 11	6:14
26	59 25	146 21	6:28

WINTER STORMS RECONNAISSANCE: TRACK 20

Proposed takeoff: 8 February 2000, 2030Z

Aircraft Type: G-IV

CallSign: NOAA 49

Altitude: FL370-430

DROP LOCATIONS

#	LAT (d m)	LON (d m)	TIME (h:mm)
1	59 19	150 16	0:25
2	57 28	150 32	0:40
3	55 44	150 16	0:55
4	54 00	150 00	1:09
5	52 00	150 00	1:25
6	50 00	150 00	1:41
7	48 20	149 40	1:55
8	46 40	149 20	2:09
9	45 00	149 00	2:23
10	43 30	148 30	2:35
11	42 00	148 00	2:48
12	41 20	145 40	3:03
13	40 40	143 20	3:18
14	40 00	141 00	3:34
15	41 40	139 40	3:50
16	43 20	138 20	4:05
17	45 00	137 00	4:21
18	46 40	138 00	4:36
19	48 20	139 00	4:51
20	50 00	140 00	5:05
21	51 30	141 00	5:18
22	53 00	142 00	5:32
23	54 36	143 00	5:46
24	56 11	144 00	5:59
25	57 48	145 11	6:14
26	59 25	146 21	6:28

NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: Winter Storms Project No. 435 Flight No. 5 Flight ID: 000208NSED Crew: Hill, Lind, Lynch, Parrish Mission: Track 20Pre-Flight: 1930 Z Take-Off: 2028 Z Landing: 0316 Z

SYSTEM			Pre-Flight Check	In-Flight	Post-Flight Check	
N A V	IRS #1		✓ E			
	IRS #2		✓ E			
	IRS #3		✓ E			
	GPS Honeywell #1		✓ E			
	GPS Honeywell #2		✓ E			
	GPS Collins		✓ E		Off? ☒	
Nose Radar - Collins			✓ E		Off? ☒	
T E M P	Time	Temp °C			Time	Temp °C
	Temp #1	1943	3.7	✓ E	0316	1.7
	Temp #2		3.0	✓ E		1.1
	Temp #3		2.5	✓ E		6.0
	Temp #4		3.9	✓ E		1.7
	DP Left		-12.9	✓ E	Cal. Time:	-4.0
	DP Right	✓	-28.9	✓ E	Cal. Time:	-3.8
P R E S S	Attack Angle (ADCAOA)		✓ E		✓ E	
	Slip Angle (BPx/DxPx)		✓ E			
	Differential (PQ1/PQ2)		✓ E			
	Absolute (PS1/PS2)		✓ E			
	Check Radome Press. Lines ☒		Date: <u>Check Previous</u>			
S Y S T E M	DOWN PRT-5 ⇨ Open? ☒		Not installed		Closed? ☒	
	MADS (WINDS/DISCWIN)		✓ E		# DATs: <u>1</u>	
	MADS Printer ⇨ Paper? ☒		✓ E		Printer Power off? ☒	
	MADS Cal. Date:		QC time: <u>2018 Z</u>		QC time: <u>0317</u>	
	WINDS ⇨ NET BCAST ☒		✓ E			
	HAPS System / Time set? ☒		✓ E		# Msg.: <u>26</u> # Fail: <u>13</u>	
	AVAPS System		✓ TL			
M I S C	K2 Printer ⇨ Paper? ☒		✓ E		Printer Power off? ☒	
	Exterior Walk Around ☒		✓ JH			
M I S C	Inspect DropSonde Chute Bolts		✓ JH			
	Satcom (Flight Phone) ☒		✓ E		Off CB? ☒	
	Call COMSAT? ☒ (*292#)		✓ E			
	FCU/UPS/CB		CB's Checked? ☒ <u>✓</u>		UPS off? ☒	
	AVAPS Sondes		# On Board: <u>36</u>	# Dropped: <u>26</u>	# Good: <u>26</u>	
	AXBT		# On Board: <u> </u>	# Dropped: <u> </u>	# Good: <u> </u>	
	APN-232 Altimeter		✓ E			
Modem Power On? ☒		✓ E				

1	DAT Tape #1	On: <u>2016 Z</u>	Type: <u>DB60P</u>	Off: <u>0320 Z</u>
2	DAT Tape #2	On: <u> </u>	Type: <u> </u>	Off: <u> </u>
Comments:				