

19900831 I1 - DROPS

Lead Project Scientist Event Log

Date 90/08/31 Flight _____ LPS _____

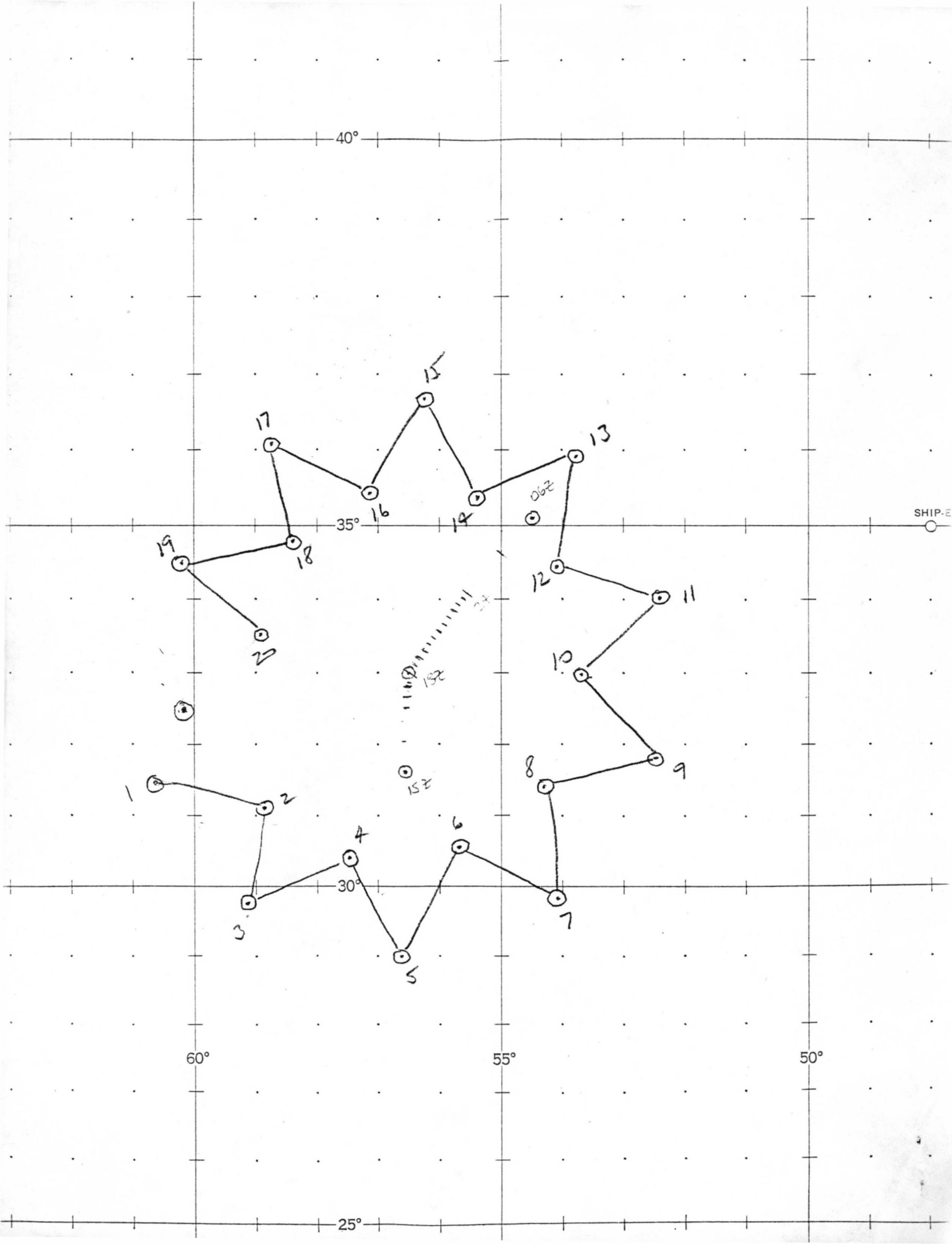
Time	Event	Position	Comments
1	31.4 60.65	252/240	30.86 61.53 30/51.5 61/31.55
2	31.1 58.9	234/160	30.53 59.60 30/32 59/36.2
3	29.8 59.1	216/240	28.86 59.78 28/51.5 59/47
4	30.4 57.4	198/160	29.86 57.85 29/51.5 57/51
5	29.0 56.65	180 240	28.40 56.90 28/24.0 56/54
6	30.6 55.7	162 160	30.16 55.74 30/09.5 55/44.5
7	29.85 54.1	144 240	29.46 54.00 29/27.5 53/59.6
8	31.4 54.2	126 160	31.13 54.18 31/07.6 54/10.5
9	31.8 52.45	108 240	31.76 52.03 31/45.5 52/01.3
10	33.0 53.6	90 160	33.00 53.32 33/00.0 53/19.1
11	34.0 52.45	72 240	34.44 51.64 34/26.1 51/38.25
12	34.4 54.05	54 160	34.77 53.62 34/46.0 53/37.2
13	35.9 53.8	36 240	36.44 53.33 36/26.1 53/19.4
14	35.35 55.4	018 160	35.94 55.18 35/56.1 55/10.6
15	36.7 56.0	360 240	37.40 56.20 37/24.0 56/12.0
16	35.4 57.1	342 160	35.94 57.22 35/56.1 57/13.0
17	36.1 58.8	324 240	36.84 58.99 36/50.1 58/59.2
18	34.8 58.4	306 160	35.17 58.69 35/10.0 58/41.2
19	34.5 60.2	288 240	35.04 60.55 35/2.1 60/32.5
20	33.5 59.0	270 160	33.80 59.11 33/48.0 59/6.3
NEW 1		252/240	32.76 60.22 32/45.5 60/13.3

030/15
NEW 2
NEW 3
NEW 4

234/160 32.43 58.26 32/25.6 58/15.2
216/240 30.76 58.44 30/45.5 58/26.3
198/160 31.96 56.67 31/27.5 56/39.6

20

33/48.0 59/6.3



TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA -----

OB -- KMIA

XXAA²_{sp} 51004^p 99328^p 70603^p ~~XXXXXX~~^p 99013^p 27010^p ~~XXXXXX~~^p 2 CR 1 LF
 00113^p 25803^p 32519^p 85528^p 46400^p 31016^p 70157^p 07256^p 2 CR 1 LF
 31010^p 50584^p 08166^p 30017^p 40755^p 17369^p 32516^p 88999^p 2 CR 1 LF
 77999^p ~~XXXXXX~~ CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31LAUNCH TIME (hhmm GMT): 2326LAT (°N): 32.8 LON (°W): 60.3LAUNCH PRESSURE (mb): 392.7 GA (M): 7684LAUNCH TEMP (°C): -18.7 DEW PT (°C): -31

DROP #

24

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400	-17.2	18	327/8
500	-8.0	26	299/9
600	-1.0	91	XXXXXX
700	7.2	65	309/5
850	16.3	100	308/8
1000	25.9	98	325/10
SFC=	27.0	94	XXXXXX

ODW SPLASH PR: 1013HYDROSTATIC PR: 1012.8

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

2326

32 46 60 15

8/16/90

UZNT13 KMLA _ _ _ _ _

OB -- KMIA

X	X	A	A	2 sp	8	1	1	8	5	sp	9	9	2	9	4	sp	7	0	5	6	4	sp	/	/	/	/	/	sp	9	9	0	1	5	sp	2	4	4	0	0	sp	/	/	/	/	/	2 CR 1 LF	
0	0	1	3	2	sp	2	4	4	0	0	sp	2	3	5	3	5	sp	8	5	5	4	6	sp	1	8	2	4	6	sp	2	2	5	3	1	sp	7	0	1	8	3	sp	0	8	6	5	7	2 CR 1 LF
2	3	5	3	3	sp	5	0	5	8	8	sp	0	7	5	5	6	sp	2	4	5	3	1	sp	8	8	9	9	9	sp	7	7	9	9	9	sp						sp						2 CR 1 LF
											CNTR "T"																																				

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31

LAUNCH TIME (hhmm GMT): 1736

LAT (°N): 29.4 LON (°W): 56.4

LAUNCH PRESSURE (mb): 483.0 GA (M): 6147

LAUNCH TEMP (°C): -8.9 DEW PT (°C): -11.8

DROP #

4

MORE OR LESS PS

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-7.6	60	244/16
600	-0.5	100	
700	8.6	62	233/17
850	18.1	74	227/16
1000	24.4	100	236/18
SFC=_____	24.3	100	

ODW SPLASH PR: 1009

HYDROSTATIC PR:

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

8/16/90

UZNT13 KMLA _ _ _ _ _

OB -- KMIA

[illegible]

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

LAUNCH TEMP (°C): -8.9 DEW PT (°C): -11.6

DROP #

5

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-7.1	89	238/21
600	0.5	100	
700	8.6	68	225/33
850	17.7	98	229/22
1000	M	M	M
SFC=	M	M	

HYDROSTATIC PR:

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMLA _ _ _ _ _

AIRCRAFT #/MISSION #
STORM NAME

NOAA _____

OB -- KMIA

X	X	A	A	² _{sp}	8	1	1	8	5	³ _p	9	9	2	9	9	³ _p	7	0	5	4	1	³ _p	///	///	///	///	³ _p	9	9	0	1	5	³ _p	2	8	0	0	0	³ _p	///	///	///	///	² _{CR} ¹ _{LF}		
0	0	1	3	4	³ _p	2	6	6	0	0	³ _p	///	///	///	///	³ _p	8	5	5	5	3	³ _p	1	7	6	3	6	³ _p	2	2	5	2	7	³ _p	7	0	1	8	9	³ _p	0	8	8	5	9	² _{CR} ¹ _{LF}
2	1	0	4	3	³ _p	5	0	5	8	8	³ _p	0	8	1	1	2	³ _p	2	3	0	2	7	³ _p	8	8	9	9	9	³ _p	7	7	9	9	9	³ _p	—	—	—	—	—	² _{CR} ¹ _{LF}					
																				CNTR "T"																										

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31

LAUNCH TIME (hhmm GMT): 1811

LAT (°N): 29.9 LON (°W): 54.1

LAUNCH PRESSURE (mb): 453.5 GA (M): 6637

LAUNCH TEMP (°C): -12.4 DEW PT (°C): -12.4

DROP #

6

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-8.2	91	229/14
600	-0.3	92	
700	8.9	54	210/22
850	17.5	79	223/14
1000	26.6	100	M
SFC=_____	28.0	100	

ODW SPLASH PR: 1019

HYDROSTATIC PR: 1015.1

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): LEVEL (MB):

1811

29 56 54 04

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA -----

OB -- KMIA

XXAA 2 sp 81195 sp 99314 sp 70541 sp ~~XXXXXX~~ sp 99012 sp 27600 sp ~~XXXXXX~~ 2 CR 1 LF
 00106 sp 26400 sp 19047 sp 85527 sp 18229 sp 20547 sp 70165 sp 08650 2 CR 1 LF
 21052 sp 50587 sp 07505 sp 21543 sp 88999 sp 77999 sp ~~XXXXXX~~ sp ~~XXXXXX~~ 2 CR 1 LF
~~XXXXXX~~ ~~XXXXXX~~ CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31LAUNCH TIME (hhmm GMT): 1829LAT (°N): 31.4 LON (°W): 54.1LAUNCH PRESSURE (mb): 454 GA (M): 6613LAUNCH TEMP (°C): -12.7 DEW PT (°C): -13.4

DROP #

7

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-7.5	96	214/22
600	0.6	100	XXXXXX
700	-8.7	70	212/27
850	18.2	183	206/24
1000	26.4	100	189/24
SFC=	27.5	100	XXXXXX

ODW SPLASH PR: 1015HYDROSTATIC PR: 1012

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

590 1829
 930 31 25 54 05

AUG 31 1990
TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
 STORM NAME

NOAA _ _ _ _ _ OB _ _ KMIA

XXAA 2 sp 81195 sp 99318 sp 70525 sp ~~XXXXXX~~ sp 99016 sp 27000 sp ~~XXXXXX~~ 2CR 1LF
 00137 sp 25800 sp 19535 sp 85555 sp 18457 sp 20041 sp 70191 sp 08661 2CR 1LF
 21047 sp 50588 sp 08157 sp 19523 sp 88999 sp 77999 sp ~~XXXXXX~~ sp ~~XXXXXX~~ 2CR 1LF
~~XXXXXX~~ ~~XXXXXX~~ CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31

LAUNCH TIME (hhmm GMT): 1847

LAT (°N): 31.8 LON (°W): 52.5

LAUNCH PRESSURE (mb): 432.5 GA (M): 6997

LAUNCH TEMP (°C): -14.5 DEW PT (°C): -22.9

DROP #

8

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-8.2	57	193/12
600	-0.2	63	XXXXXX
700	8.7	47	208/24
850	18.4	62	201/21
1000	25.7	100	193/18
SFC=	27.0	100	XXXXXX

ODW SPLASH PR: 1016

HYDROSTATIC PR: 1016

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

1847

3151 52 29

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA _ _ _ _ _

OB _ _ KMIA

XXAA	2 sp	81195	sp	99330	sp	70535	sp	///	sp	99012	sp	27800	sp	///	2 CR 1 LF
00103	sp	26603	sp	18050	sp	85521	sp	17027	sp	18545	sp	70156	sp	08645	2 CR 1 LF
19562	sp	50586	sp	07907	sp	18549	sp	88999	sp	77999	sp		sp		2 CR 1 LF

CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31

LAUNCH TIME (hhmm GMT): 1905

LAT (°N): 33.0 LON (°W): 53.5

LAUNCH PRESSURE (mb): 433.5 GA (M): 6959

LAUNCH TEMP (°C): -12.5 DEW PT (°C): -10.5

DROP #

9

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-7.8	95	187/25
600	1.4	36	
700	8.6	73	196/32
850	17.0	84	182/23
1000	26.6	98	180/26
SFC=	27.7	100	

ODW SPLASH PR: 1017

HYDROSTATIC PR: 1012

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

1905 33°02' 53°32'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA -----

OB -- KMIA

XXAA	2 sp	81205	sp	99340	sp	70525	sp	///	sp	99///	sp	///	sp	///	sp	///	2 CR 1 LF
00///	sp	///	sp	///	sp	85515	sp	19859	sp	20535	sp	70156	sp	08645	sp		2 CR 1 LF
18543	sp	50586	sp	07156	sp	17033	sp	88999	sp	77999	sp		sp		sp		2 CR 1 LF

CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31LAUNCH TIME (hhmm GMT): 1921LAT (°N): 34.0 LON (°W): 52.5LAUNCH PRESSURE (mb): 433.3 GA (M): 6966LAUNCH TEMP (°C): -13.1 DEW PT (°C): -24.5

DROP #

10

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-7.0	65	170/17
600	1.1	93	
700	8.7	73	185/22
850	19.7	55	207/18
1000	M	M	M
SFC=	M	M	

ODW SPLASH PR: _____

HYDROSTATIC PR: _____

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

1921 34°03' 58°32'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA _ _ _ _ _

OB _ _ KMIA

XXAA	2	sp	81205	sp	99345	sp	70540	sp		sp	99011	sp	25805	sp		2 CR
00092	sp	24814	sp	16033	sp	85505	sp	17644	sp	14581	sp	70136	sp	06807	2 CR	
17062	sp	50583	sp	06900	sp	16550	sp	88999	sp	77999	sp		sp		1 LF	

----- CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31LAUNCH TIME (hhmm GMT): 1937LAT (°N): 34.5 LON (°W): 54.0LAUNCH PRESSURE (mb): 433.6 GA (M): 6935LAUNCH TEMP (°C): -12.1 DEW PT (°C): -12.1

DROP #

11

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-6.9	100	167/26
600	-0.3	100	
700	6.9	95	170/32
850	17.5	75	144/42
1000	24.8	92	162/17
SFC=	25.9	97	

ODW SPLASH PR: 1016HYDROSTATIC PR: 1011

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

1937 34°27' 54°02'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA -----

OB -- KMIA

XXAA 2 sp 81205 sp 99359 sp 70539 sp ~~XXXXXX~~ sp 99013 sp 26600 sp ~~XXXXXX~~ 2 CR 1 LF
 00118 sp 25800 sp 15529 sp 85535 sp 17857 sp ~~XXXXXX~~ sp 70165 sp 06639 2 CR 1 LF
 15531 sp 50585 sp 08704 sp 15031 sp 88999 sp 77999 sp ~~XXXXXX~~ sp ~~XXXXXX~~ 2 CR 1 LF
~~XXXXXX~~ ~~XXXXXX~~ CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31

LAUNCH TIME (hhmm GMT): 1955

LAT (°N): 35.9 LON (°W): 53.9

LAUNCH PRESSURE (mb): 433.5 GA (M): 6944

LAUNCH TEMP (°C): -13.4 DEW PT (°C): -24.0

DROP #

12

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-8.7	97	151/16
600	-1.7	100	XXXXXX
700	6.6	76	154/16
850	17.8	65%	M
1000	25.9	100%	154/15
SFC=	26.6	100	XXXXXX

ODW SPLASH PR: 1016

HYDROSTATIC PR: 1013

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

1955 35°54' 53°56'

8/16/90

UZNT13 KMLA -----

OB -- KMIA

CNTR "T"

13

2011 35°26' 55°26'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA _ _ _ _ _ OB _ _ KMIA

XXAA	2 sp	81215	sp	99366	sp	70561	sp	///	sp	99006	sp	26400	sp	///	2 CR 1 LF
00050	sp	25800	sp	09031	sp	85465	sp	17633	sp	12027	sp	70093	sp	07049	2 CR 1 LF
12027	sp	50578	sp	08701	sp	13035	sp	88999	sp	77999	sp		sp		2 CR 1 LF

CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31LAUNCH TIME (hhmm GMT): 2028LAT (°N): 36.6 LON (°W): 56.1LAUNCH PRESSURE (mb): 434.1 GA (M): 6917LAUNCH TEMP (°C): 12.5 DEW PT (°C): -11.9

DROP #

14

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-8.7	99	131/18
600	-1.4	100	
700	7.0	71	122/14
850	17.6	42	119/14
1000	25.8	100	088/16
SFC=	26.4	100	

ODW SPLASH PR: 1012HYDROSTATIC PR: 1006

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

2028 36°40' 58°04'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA -----

OB -- KMIA

XXAA 2 sp 81215 sp 99354 sp 70572 sp ~~XXXXXX~~ sp 99007 sp 26660 sp ~~XXXXXX~~ 2 CR 1 LF
 00063 sp 25860 sp 06531 sp 85472 sp 17060 sp 04543 sp 70102 sp 07611 2 CR 1 LF
 04543 sp 50580 sp 06101 sp 08527 sp 88999 sp 77999 sp ~~XXXXXX~~ sp ~~XXXXXX~~ 2 CR 1 LF
~~XXXXXX~~ ~~XXXXXX~~ CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31

LAUNCH TIME (hhmm GMT): 2048

LAT (°N): 35.4 LON (°W): 57.2

LAUNCH PRESSURE (mb): 434.4 GA (M): 689.4

LAUNCH TEMP (°C): -12.0 DEW PT (°C): -10.2

DROP #

15

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400	<u>-6.0</u>		
500	<u>-6.0</u>	<u>99</u>	<u>085/14</u>
600	<u>-0.1</u>	<u>100</u>	XXXXXX
700	<u>7.6</u>	<u>93</u>	<u>043/22</u>
850	<u>17.0</u>	<u>52</u>	<u>043/22</u>
1000	<u>25.7</u>	<u>55</u>	<u>063/16</u>
SFC=	<u>26.6</u>	<u>55</u>	XXXXXX

ODW SPLASH PR: 1011

HYDROSTATIC PR: _____

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____

LEVEL (MB): _____

2048 25°26' 57°10'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA _ _ _ _ _

OB _ _ KMIA

XXAA 2 sp 81215 sp 99360 sp 70588 sp ~~XXXXXX~~ sp 99009 sp 26400 sp ~~XXXXXX~~ 2 CR 1 LF
 00076 sp 25400 sp 02517 sp 85491 sp 17216 sp 09010 sp 70126 sp 07800 2 CR 1 LF
 09019 sp 50582 sp 07565 sp 04508 sp 88999 sp 77999 sp ~~XXXXXX~~ sp ~~XXXXXX~~ 2 CR 1 LF
~~XXXXXX~~ ~~XXXXXX~~ CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31

LAUNCH TIME (hhmm GMT): 2107

LAT (°N): 36.0 LON (°W): 58.8

LAUNCH PRESSURE (mb): 428.3 GA (M): 7011

LAUNCH TEMP (°C): -13.8 DEW PT (°C): -19.6

DROP #

16

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-7.6	30	045/4
600	-0.3	87	XXXXXX
700	7.9	100	090/10
850	17.2	90	088/5
1000	25.3	100	027/9
SFC=	26.3	100	XXXXXX

ODW SPLASH PR: 1014

HYDROSTATIC PR: _____

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

2107 36°02' 58°48'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA _ _ _ _ _

OB _ _ KMIA

XXAA 2 sp 81225 sp 99348 sp 70585 sp ~~XXXXXX~~ sp 99007 sp 27000 sp ~~XXXXXX~~ 2 CR 1 LF
 00063 sp 26000 sp 02025 sp 85478 sp 16620 sp 33516 sp 70108 sp 07650 2 CR 1 LF
 02533 sp 50581 sp 06900 sp 36201 sp 88999 sp 77999 sp ~~XXXXXX~~ sp ~~XXXXXX~~ 2 CR 1 LF
~~XXXXXX~~ ~~XXXXXX~~ CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31

LAUNCH TIME (hhmm GMT): 2123

LAT (°N): 34.8 LON (°W): 58.5

LAUNCH PRESSURE (mb): 408.5 GA (M): 7362

LAUNCH TEMP (°C): -15.1 DEW PT (°C): -16.1

DROP #

17

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-6.8	100	002/11
600	0.1	100	XXXXXX
700	7.6	70	024/17
850	16.5	88	336/8
1000	26.0	100	018/13
SFC=	27.0	100	XXXXXX

ODW SPLASH PR: 1011

HYDROSTATIC PR: _____

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

21'23 34°47'58"30'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA -----

OB -- KMIA

XXAA 2 sp 81225 sp 99345 sp 70601 sp ~~XXXXXX~~ sp 99010 sp 26605 sp ~~XXXXXX~~ 2 CR 1 LF
 00086 sp 25807 sp 34525 sp 85502 sp 17442 sp 34012 sp 70133 sp 08264 2 CR 1 LF
 35523 sp 50583 sp 07561 sp 30010 sp 88999 sp 77999 sp ~~XXXXXX~~ sp ~~XXXXXX~~ 2 CR 1 LF
~~XXXXXX~~ ~~XXXXXX~~ CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31LAUNCH TIME (hhmm GMT): 2141LAT (°N): 34.5 LON (°W): 60.1LAUNCH PRESSURE (mb): 408.8 GA (M): 7370LAUNCH TEMP (°C): -15.9 DEW PT (°C): -28.5

DROP #

18

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-7.6	43	299/5
600	0.1	73	XXXXXX
700	8.1	36	355/12
850	17.3	76	340/6
1000	25.7	96	347/13
SFC=	26.6	97	XXXXXX

ODW SPLASH PR: 1007

HYDROSTATIC PR: _____

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

2141 34° 27' 60° 08'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA -----

OB -- KMIA

XXAA	2	sp	81225	sp	99338	sp	70591	sp		sp	99007	sp	26800	sp		2 CR 1 LF
00060	sp	25800	sp	34031	sp	85477	sp	17425	sp	35023	sp	70112	sp	08236	2 CR 1 LF	
34025	sp	50581	sp	07560	sp	30517	sp	88999	sp	77999	sp	----	sp	----	2 CR 1 LF	
----		----		CNTR "T"												

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31LAUNCH TIME (hhmm GMT): 2154LAT (°N): 33.8 LON (°W): 59.1LAUNCH PRESSURE (mb): 408.8 GA (M): 7356LAUNCH TEMP (°C): -15.1 DEW PT (°C): -27.1

DROP #

19

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400			
500	-7.5	44	304/9
600	0.6	74	
700	8.1	78	341/13
850	17.4	85	349/12
1000	25.8	100	341/16
SFC=	26.8	100	

ODW SPLASH PR: 1011HYDROSTATIC PR: 1006.8

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

2154 33°45' 59°04'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA -----

OB -- KMIA

XXAA 2 sp 81224 sp 99326 sp 70578 sp ~~XXXXXX~~ sp 99005 sp 26600 sp ~~XXXXXX~~ 2 CR 1 LF
 00043 sp 26200 sp 28533 sp 85460 sp 17657 sp 30070 sp 70094 sp 08225 2 CR 1 LF
 31049 sp 50580 sp 06100 sp 30041 sp 40752 sp 16158 sp 29039 sp 88999 2 CR 1 LF
 77999 ~~XXXXXX~~ CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31

LAUNCH TIME (hhmm GMT): 2211

LAT (°N): 32.6 LON (°W): 57.6

LAUNCH PRESSURE (mb): 392.5 GA (M): 7660

LAUNCH TEMP (°C): -17.5 DEW PT (°C): -20.7

DROP #

20

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400	-16.0	49	289/20
500	-6.0	100	298/21
600	1.1	83	XXXXXX
700	8.2	84	312/25
850	17.6	64	298/36
1000	26.2	100	285/17
SFC=	26.5	100	XXXXXX

ODW SPLASH PR: 1004

HYDROSTATIC PR: 1004.8

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

2211 32.6 57.6 50

8/16/90

UZNT13 KMLA _ _ _ _ _

OB -- KMIA

— — \ — — \ — — \ — — \ — — \ — — \ — — \ — — \ — — \ — — \ — —

22

2241 31° 05' 57" 32'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA -----

OB -- KMIA

XXAA	2	sp		sp	99	sp		sp		sp		sp		sp		2 CR
		sp		sp		sp		sp		sp		sp		sp		1 LF
		sp		sp		sp		sp		sp		sp		sp		2 CR
		sp		sp		sp		sp		sp		sp		sp		1 LF
		sp		sp		sp		sp		sp		sp		sp		2 CR
		sp		sp		sp		sp		sp		sp		sp		1 LF

CNTR "T"

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31

LAUNCH TIME (hhmm GMT): 2228

LAT (°N): 31.4 LON (°W): 56.7

LAUNCH PRESSURE (mb): 392.9 GA (M): 7674

LAUNCH TEMP (°C): -18.0 DEW PT (°C): -30.3

DROP #

21

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400	-16.0	16	270/17
500			
600			
700			
850			
1000			
SFC=			

ODW SPLASH PR: _____

HYDROSTATIC PR: _____

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

2228 31°25' 56°44'

AUG 31 1990

TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

8/16/90

(MANOP HEADING)

UZNT13 KMIA -----

AIRCRAFT #/MISSION #
STORM NAME

NOAA -----

OB -- KMIA

XXAA	² _{sp}	81234	^{sp}	99308	^{sp}	70385	^{sp}	///	^{sp}	99012	^{sp}	27600	^{sp}	///	^{2CR} ^{1LF}
00104	^{sp}	25800	^{sp}	27019	^{sp}	85520	^{sp}	16606	^{sp}	26519	^{sp}	70151	^{sp}	07850	^{2CR} ^{1LF}
28023	^{sp}	50584	^{sp}	08533	^{sp}	26525	^{sp}	40755	^{sp}	15771	^{sp}	27521	^{sp}	88999	^{2CR} ^{1LF}
77999		++++		CNTR "T"											

NOTE: SCRATCH OUT ALL UNUSED CODE BLOCKS ←

MONTH, DAY: 8/31LAUNCH TIME (hhmm GMT): 2254LAT (°N): 30.8 LON (°W): 58.5LAUNCH PRESSURE (mb): 393.0 GA (M): 7680LAUNCH TEMP (°C): -17.6 DEW PT (°C): -30.6

DROP #

23

SONDE DATA

PRESSURE	TEMP (°C)	RH (%)	WD/WS (m/s)
400	-15.6	15	274/11
500	-8.4	77	267/13
600	-0.5	53	
700	7.7	69	281/12
850	16.5	96	265/10
1000	25.9	100	288/10
SFC=	27.5	100	

ODW SPLASH PR: 1018HYDROSTATIC PR: 1011.8

1060

IF WIND .GE. 31 m/s IS OBSERVED ABOVE 500 mb:

MAX WIND (D/S): _____ LEVEL (MB): _____

2254 30 49 58 28