

97370029

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm

GEORGES

Flight ID

980923n

Dropsonde Scientist(s)

LANDSEA

Mission ID

1407A GEORGES

AVAPS Operator(s)

CARLOS / JOHN HILL SEA

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Takeoff 1731 UTC

Landing UTC

stc Air surface BL Flight level

SLP

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	Alt (m)	Alt (ft)	Alt (ft)	WDWS (kt)	Comments	Pro ?	Xmt ?
1	982010102	180752	26°58'	77°0'	241	28.1	125/2	135/02	143/10	5% Cu	✓	01
2	973730029	181427	28°31'	77°0'	179	28.1	260/5	270/5	345/11	10% Cumulus Towering	✓	02
3	982010103	182844	30°0'	76°44'	179	27.5	15/8	25/9	253/5	10% Cu - mid level thru stratus	✓	03
4	974730016	184234	30°0'	74°45'	179	26.5	270/5	300/7	215/10	Stratus - mid level	✓	04
5	981830014	185909	29°47'	72°30'	179	26.9	265/11	275/13	204/20	30% stratus below 10% Cu	✓	05
6	982630107	191410	28°0'	72°30'	180	27.6	225/9	225/8	200/20	5% Cu <u>slow FALL</u>	✓	06
7	981830018	193050	26°0'	72°30'	180	28.4	90/10	95/11	215/15	5% Cu	✓	07
8	982430058	194830	—	Does have	PTH	—	—	—	—	within C/V WINDS	—	—
8A	974410013	195000	—	Does have	PTH	—	—	—	—	NO WINDS	—	—
8B	982010056	195211	24°0'	73°17'	180	29.1	10/25	82/26	228/25	Cirrus within <u>late</u> winds	✓	08
9	982010101	200010	24°0'	74°15'	180	28.9	65/20	75/25	220/20	Thin Cirrus within - 10% Cu below winds fairly late	✓	09
10	981810033	201358	24°0'	70°0'	180	29.1	55/23	55/24	220/30	20% Cu	✓	10
11	982010116	202903	-Does have	PTH	—	—	—	—	—	clear glow - 20% Cu off	—	—
11A	982010015	203055	23°52'	82°0'	180	29.8	45/16	50/17	235/12	20% Cu below	✓	11
12	974530064	204411	23°45'	80°0'	163	28.8	40/13	35/13	220/13	10% Cu below	✓	12
13	982630084	205917	23°38'	82°0'	163	28.9	50/10	40/10	200/30	Clear	✓	13
14	982720262	211456	23°26'	84°4'	163	28.0	360/7	5/7	175/25	25% Towering Cu <u>slow FALL</u>	✓	14
15	974730024	213220	21°50'	85°20'	164	28.7	20/10	15/9	135/40	Clear	✓	15

Attempts

1111
2010065
[411]
set phone

1012
1011
1011
1011
1011
1012
1011
slow 1008
late 1008
slow 1008

~~982010065~~
18.5 N 07.0 W
19.0 N 07.0 W
19.5 N 07.0 W

Drop 1 - Initial report did not show up on MADS window. Got filter through floppy + Atp. Processed fine + sent in no problems.

Note: Drop 21 skipped.
Had to shorten flight because
of T-storm at McDill

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Storm GEORGES
Flight ID 980923N
Mission ID 1407A GEORGES

Dropsonde Scientist(s) LANDSEA
AVAPS Operator(s) SEAN

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Takeoff 1731 UTC
Landing UTC

Attempts
(of more
than one)

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	Alt	Wind	BL Wind	WDWS (kt)	Comments	Pro ?	Xmt ?
16	974510061	214927	20°30'	83°54'	164	28-6	35/10	20/9	145/40	5% Cu	✓	16
17	974530088	220854	20°30'	81°30'	164	29.9	355/12	355/11	130°/45	Clear	✓	17
18	981040008	223051	20°17'	79°0'	164	30.6(?)	355/20	360/24	120°/40	In Cirrus	✓	18
19	974510028	224227	18°51'	74°0'	164	29.1	325/13	330/18	105/32	In Cirrus	✓	19
20	981950032	225633	17°12'	79°2'	164	29.1	350/14	350/12	110/35	In Cirrus (slow early)	✓	20
21	982430079	231641	15°7'	80°11'	149	29.2	320/17	325/16	70°/15	20% Cu + towering Cu	✓	21
22	973840069	233713	16°30'	82°30'	149	28.9	360/11	360/12	135/20	20% Cu	✓	22
23	982630128	235051	18°3'	85°6'	149	29.2	35/10	40/11	160/25	20% mid-cirrus 20% Cu ^(slow start)	✓	23
24	982010124	001653	20°6'	85°46'	149	29.4	-	10/11	115/30	T-storm just to west (slow half)	✓	24
25	981750090	004752	23°35'	87°30'	149	27.0	-	-	95/25	MARK - winds missing below 800 mb	✓	25
26	98264024	011218	26°30'	87°15'	148	27.9	25/14	35/16	115/10	Very Dark	✓	26
27	982630132	013018	26°33'	84°54'	149	27.4	Calm	20/4	95/10	Extremely Dark - slow start	✓	27

11

11

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Center
20.5 20 38
75-0 75 00