

202
26° 29' (26.5) 15z
85° 56' (85.4) 26.1
968 26.6

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm GEORGES

Flight ID 980926N

Mission ID 2407A GEORGES

Dropsonde Scientist(s) LANDSEA (+couple by White)

AVAPS Operator(s) CARLOS + SEAN

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Takeoff 1735 UTC

Landing _____ UTC

In successful
Attempts

Totc spc wind Bl wind Aircraft

SLP

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAlt (m)	T (°C)	TD (°C)	WDWS (kt)	Comments	Prs ?	Xmt ?
1	981830010	180312	26.78	94.50	245.0	28.3	10/1	110/1	181/27	10% Cu	✓	01
2	983310147	181749	25.16	94.50	176	28.1	15/4	85/5	171/32	10% Cu	✓	02
3	983310001	183336	23.34	94.50	176	28.3	078/3.2	-	183/33	10% Cu	✓	03
4	981820087	184545	22.00	94.30	176	29.6	115/5	-	146/48	Thin cirrus just below 10% Cu	✓	04
5	981830004	185942	NO WINDS							10% Cu		
5A	983310146	190153	22.0	-92.2	175.9	28.9	60/1	55/02	120/13	11 [SLOW FALL 6 MIN]	✓	05
6	983310094	191856	22.0	-90.0	175.8	28.8	275/9	285/8	54/23	Thin cirrus/10% below	✓	06
7	981740055	193834	22.00	87.50	176.2	29.0	265/10	250/13	57/32	10% Strato Cu	✓	07
8	983310090	195928	22.19	85.72	176.4	29.0	215/17	215/17	20/13	50% Strato Cu [STRANGE GPS VIBRATION]	✓	08
9	983310053	200958	23.50	87.25	176.3	28.8	257/20	250/24	51/10	10% Cu	✓	09
10	983310096	202841	25.00	89.12	176.2	28.6	315/17	315/19	358/15	Altostratus 30% + 50% Strato Cu [SLOW FALL 5 MIN]	✓	10
11	981740061	205055	25.21	92.00	176.4	29.0	35/12	35/14	42/6	10% Towering Cu [SLOW FALL 1 MIN]	✓	11
12	982720412	211044	27.50	91.76	160.0	28.4	45/15	40/18	81/15	10% Cu [SLOW FALL 8 MIN]	✓	12
13	983310095	213216	27.57	88.88	160.0	Fleeting winds		47/19		Towering Cabelow - 65% Strato Cu		
13A	981820085	213734	27.93	88.30	160.0	27.7	45/32	50/36	85/18	95% Altostratus 50% Strato Cu	✓	13
14	983310013	215438	29.00	86.37	160.1	27.0	70/31	75/43	141/25	IN CIRRUS [SLOW FALL 2 MIN]	✓	14
15	983310091	221322	28.81	83.93	160.0	27.5	40/30	45/37	193/26	IN THIN CIRRUS	✓	15
16	981820086	222531	27.46	83.50	160.0	28.1	125/25	135/40	191/29	IN CIRRUS	✓	16
17	982720418	223805	26.00	83.50	160.2	25.8	127/30	140/42	203/13	IN CIRRUS [SLOW FALL 2 MIN]	✓	17
18	981740062	225948	23.83	83.34	145.3	29.5	176/20	170/19	353/30	100% Altostratus below (Cirrus?)	✓	18

SENT AGAIN WITH LAST REPORT

111

OPTION 11 INSTRUCTIONS
 USING THE PRESSURE
 BIAS CORRECTION (~3mb).
 SHOULD THIS BE USED?

Looks like AVAPS off - see Strain's log

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm GEORGES

Flight ID 980928H

Dropsonde Scientist(s) LANDSEA

Mission ID WX07A

GEORGES AVAPS Operator(s) DALE / GEORGE

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Takeoff 0307 UTC

Landing _____ UTC

Rec'd
 Mission ID
 (initials)

Ta / SST Sfc winds BL winds Flight

3
 7
 00
 08
 42
 68
 77
 91
 943
 945
 982
 991
 159

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAM (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prct ?	Xmt ?
1	981820039	033640	28.50	84.50	544.6	27.6	-	157/37	177/37	Missing winds (lost 70-80m)	✓	05
2	982630042	035408	28.82	86.07	549.5	27.273	70/40	160/54	189/52	w AXBT 27.3	✓	07
3	981130033	042327	29.19	88.25	602.4	24.8/26.0	183/64	105/74	229/77	Eye wall (SE)	✓	14
4	983310085	043109	29.62	88.64	591.7	26.4/-	165/7	185/7	341/3	Eye sondp	✓	16
5	981820005	044826	29.30	90.03	585.6	24.3/-	320/40	325/50	345/44	Moat	✓	18
6	981830005	050511	29.21	91.27	608.6	24.8/-	320/30	370/33	750/37	Moat	✓	19
7	982720417	052318	28.76	89.62	607.2	25.6/-	240/31	240/44	310/43	Moat	✓	22
8	974530097	054502	29.03	87.62	602.8	24.0/25.6	180/40	190/35	206/80	Rainband	✓	24
9	982720415	055821	29.55	88.49	592.6	25.1/-	190/40	245/75	291/73	Eye wall - SE	✓	26
10	982710019	055840	29.58	88.84	592.1	25.7/-	200/55	220/71	244/61	Eye wall - SE (inside eye)	✓	31
11	984510077	062051	30.24	89.43	601.3	25.4/-	-	010/47	307/41	Moat	✓	33
12	981830020	063159	29.29	89.45	602.4	23.7/-	120/30	310/43	333/35	Moat	✓	42
13	982720413	063943	29.07	89.44	604.6	24.3/-	270/40	280/49	247/43	Moat	✓	50
14	981750006	065819	30.19	88.53	588.4	-	-	-	112/68	NE Eye wall [BAD WINDS]	✓	-
15	981820029	070717	30.35	88.38	588.1	24.4/-	100/40	115/74	120/69	NE Eye wall [rainbow]	✓	51
16	982720291	071827	30.25	89.44	600.9	25.7/-	360/29	360/47	19/40	Moat	✓	54
17	982010108	072854	30.06	89.17	596.2	-	-	-	11/56	West Eye wall [BAD WINDS]	✓	-
18	983310137	073402	30.03	88.70	588.0	26.1/-	155/7	155/6	95/10	Eye [SLOW FALL?]	✓	44

0808 0545
 (1808)

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm GEORGE3
 Flight ID 980428H
 Mission ID WK07A GEORGE3

Dropsonde Scientist(s) LANDSEA
 AVAPS Operator(s) DALE/GEORGE

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 Takeoff 0307 UTC
 Landing UTC

Top/55T SP PL FLIGHT
w/ w/ w/ w/

Flakey

21
19
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34

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	QNT (hPa)	T (°C)	TD (°C)	WDWS (kt)	Comments	Pro ?	Xmt ?
19	982720314	075959	29.04	87.25	580.0	25.8		145/59	208/61	Moat Moat	✓	58
20	982720369	073914	29.80	88.41	588.0	25.4	170/70	165/73	215/87	E Eyewall	✓	57
19	983310002	074105	29.71	88.31	587.7	24.8	180/70	190/78	217/84	E Eyewall	✓	55
27	983310035	080808	?	?	?	?	?	?	?	RAINBAND (FAST FALL)		
23	981740040	081050	29.85	88.67	609.2	27.1	160/55	165/59	180/61	Rainband	✓	62
24	982010058	081619	30.17	88.29	609.9	28.3		145/55	171/57	Moat	✓	63
25	982720315	082813	30.19	87.00	608	26.4	140/55	150/62	175/71	Moat	✓	64
26	982720396	084030	30.19	88.60	600.8	25.2	150/64	160/74	181/70	Moat	✓	66
27	982720394	085353	30.17	89.11	591.7	24.2	315/56	325/75	357/53	West Eyewall	✓	77
28	983310017	091347	30.24	88.83	587.8	26.1	0/2	340/3	175/2	Eye	✓	60
29	983310030	091829	30.22	88.41	592.3	24.8	140/76	150/89	192/73	East Eyewall - inner	✓	78
30	983310101	092021	30.22	88.25	598.	25.0	140/50	155/79	187/78	East Eyewall - outer	✓	79
31	983310072	093330	30.16	87.40	605.4	25.0	150/48	160/65	192/60	Rainband	✓	81
32	983310026	094359	30.17	88.24	597.8	24.6	150/60	160/76	190/70	E Eyewall	✓	82
33	983310044	095513	30.17	88.10	591.6	24.5	300/67	310/78	337/62	West Eyewall	✓	83
34	983310079	105326	29.37	85.79	483.4	27.8	160/38	165/49	184/40	Moat	✓	84

0850Z
30°12'
88°49'

0914Z
30°14'
88°50'

1012Z
30 19
8854