

OFTEN IT SUGGESTED
USING THE PRESSURE

19980928H1 DROPS

BIAS CORRECTION (~3mb).
SHOULD THIS BE USED?

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm GEORGES

Flight ID 980928H

Dropsonde Scientist(s) LANDSEA

Mission ID WXD7A

GEORGES AVAPS Operator(s) DAVE / GEORGE

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Takeoff 0307 UTC

Landing UTC

Ta/SST Sfc winds BL winds Flight

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAK (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
1	981820039	033640	28.50	84.50	544.6	27.6/-	-	155/37	177/37	Missing winds (ast 70-80m)	✓	05
2	982630042	035408	28.82	86.07	549.5	27.8/27.3	70/40	160/54	189/52	w AXBT 27.3	✓	07
3	981130033	042327	29.19	88.25	602.4	24.9/26.0	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	330/33	350/37	Moat	✓	19
7	982720417	052318	29.76	89.62	607.2	25.6/-	240/31	240/44	310/43	Moat	✓	22
8	984530097	054502	29.03	87.62	602.8	24.0/25.6	180/40	190/55	206/80	Rainband	✓	24
9	982720415	055821	29.55	88.49	592.6	25.1/-	190/70	215/75	231/73	Eye wall - SE	✓	26
10	982710019	055840	29.58	88.34	592.1	25.7/-	200/55	220/71	244/61	Eye wall - SE (inside edge)	✓	31
11	984510077	062051	30.24	89.43	601.3	25.4/-	-	010/47	307/41	Moat	✓	33
12	981830020	063159	29.29	89.95	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	247/23	Moat	✓	50
14	981750006	065819	30.19	88.53	588.4	-	-	-	112/68	NE Eye wall [BAD WINDS]	✓	-
15	981820029	071017	30.35	88.38	588.1	24.4/-	100/40	115/74	120/69	NE Eye wall [rainband]	✓	51
16	982720291	071927	30.25	89.44	600.9	25.7/-	360/24	360/47	19/40	Moat	✓	54
17	982010108	072854	30.06	89.17	596.2	-	-	360/24	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?]	✓	49

0808 0545

1800

SLP

1011

1001

983

960

997

1000

998

992

968

971

941

993

995

982

991

959

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Storm GEORGES
 Flight ID 980428H
 Mission ID WK07A GEORGES

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

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 Takeoff 0307 UTC
 Landing UTC

② T&A/SST sp. BL Winds Flight

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	QNT (h)	T (°C)	TD (°C)	WDWS (kt)	Comments	Prc ?	Xmt ?
973 21 978 979 19 —? 1003 1004 1001 989 966	19 1	075959	29.04	87.25	607.4 25.8	25.8		195/59	208/61	Moat Moat	✓	58
	20	073914	29.80	88.41	588.0	25.4	170/70	165/73	215/87	E Eyewall	✓	57
	21	074105	29.71	88.31	587.7	24.8	180/70	190/78	217/84	E Eyewall E Eyewall	✓	55
	22	080808	?	?	?	?	?	?	?	Rainband <u>Bad Winds</u>		
	23	081050	29.85	88.67	609.2	27.1	160/55	165/59	180/61	Rainband	✓	62
	24	081619	30.17	88.29	609.9	28.3		145/55	171/57	Moat	✓	63
	25	082813	30.19	87.00	608	26.4	140/55	150/62	175/71	Moat	✓	64
	26	084030	30.19	88.60	600.8	25.2	150/64	160/74	181/70	Moat	✓	66
	27	085353	30.17	89.11	591.7	24.2	315/56	325/75	357/53	West Eyewall	✓	77
961	28	091347	30.24	88.83	587.8	26.1	0/2	340/3	175/2	Eye	✓	60
977	29	091829	30.22	88.4	592.3	24.8	140/76	150/89	192/73	East Eyewall-inner	✓	78
980	30	092021	30.22	88.25	598	25.0	140/50	155/79	187/78	East Eyewall-outer	✓	79
983	31	093330	30.16	87.40	605.4	25.0	150/78	160/65	182/60	Rainband	✓	81
985	32	094359	30.17	88.24	597.8	24.0	150/60	160/76	190/70	E Eyewall	✓	82
968	33	095513	30.17	89.10	591.6	24.5	300/67	310/78	337/62	West Eyewall West Eyewall	✓	83
1008	34	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