

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm DEBBY
 Flight ID 000823N
 Mission ID 1107A DEBBY

Flight Director TOM SHEPHERD
 Dropwindsonde Scientists LANDSEA/KAPLAN (w/ Bavey Damiano in training)
 AVAPS Operators HILL/GOLDSTEIN/HORN BROOK

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 Takeoff 1730 UTC
 Landing 0231 UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	RT SPT °C/L	Location Comment	Comments	Sent Ob #	Processed	SPT CON
1	991037033	182705	26.00	64.00	1020	65/12	65/12	265/3	10% str cu	Slowfall 480s	1	✓	III
2	984325483	184758	23.50	63.94	1018	70/14	75/15	75/7	10% str cu		2	✓	
3	993215286	190909	21.00	64.01	1016	80/14	85/16	105/10	IN CLOUD	Averical velocities look strange	3	✓	
4	99024112	193128	18.61	65.19	1015	70/17	80/18	120/8	75% Alt Stratus		4	✓	I
5	993925218	194740	17.23	66.14					IN THIN CLOUD	No Launch Detect			
5a	984715316	194840	17.20	66.67	1012	no 10m last 26m	90/23	130/12	IN THIN CLOUD		5	✓	I
6	994325089	200246	16.01	68.02	1010	100/24	100/28	130/12	25% Cu (w/ rlood shafts)		6	✓	
7	993925186	202141	15.75	70.36		last 900m		135/9	10% Cu (stratus)	Late Launch Detect	7	✓	
8	991435012	204038	15.58	72.69	1008.6	090/16	090/18	095/10	10% Cu	waxy winds first 500 seconds	8	✓	
9	990215020	205554	17.34	72.68	1009.8	110/11	115/14	110/06	50% Alt Stratus		9	✓	
10	990845831	211751	17.91	70.00	1012.9	095/10	065/16	155/09	100% CIRRUS TCU	Set RH to 100% in stratus below	10	✓	
11	994325184	213708	18.53	67.75	1014.4	065/17	065/23	125/12	2% CLO 100% CIRRUS	" " (flight temp only have been warm)	11	✓	
12	991845369	220030	21.25	66.50	1017	75/17	80/17	115/12	100% CIRRUS below	Spotty winds at 750s	12	✓	
13	992615098	222026	23.62	66.50	1017.8		095/18	100/06	THIN CIRRUS 30% low Cu	park	13	✓	
14	990148016	224708	25.95	66.57	1020.5	095/12	090/12	375/04	100% CIRRUS BELOW		14	✓	
15a	991435007	230307	25.83	68.99	1020.0	095/14	090/15	080/05	thin cirrus below 25% Cu below	No Launch detect	15	✗	✗
16	990148014	232204	23.62	68.99	1018.5	110/19	100/16	115/11	thin cirrus below 75% Cu below	winds set missing 10-150sec	16	✓	

20. 71.5 182
 1008mb

#2 NOON
 112 0300 DEP. FRI AM

2027z
 2128z
 1289

