

Note - System (AVAPS) time ~ -4sec. from GPS (HAPS) time

800 780

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm SURV Flight Director Parrish Page 1 of 2
 Flight ID 990823N Dropwindsonde Scientists Gonzales, Goldstein Takeoff 1736 UTC
 Mission ID N0AA9 02XXA SURV AVAPS Operators Goldenberg, Kaplan Landing UTC

Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	10m wind (kn)	MBL wind (kn)	BT SST (°C)	Location Comment	Comments	Drop #	Ob #	Sat Com
✓01	983620568	183741	26.00	75.00	1013.6		08010			very little below winds a little 1st.	✓	01	1
✓01A	984325387	183935	26.00	74.73					(PTH only)	Bknp. NO WINDS But winds came in on 1st one. set. towers	✓	02	
✓02	984325208	185552	26.00	72.51	1013.5		09515			Low cu ~ 80% lot of short drop-offs w/ winds solid below - lots of / 4 sec super towers RH 2	✓	03	1
✓03	985035228	191357	26.00	70.00	1013.7		08019			~20% alt cu NO WINDS FAST FALL!	✓	04	
✓04	983620576	193126	26.00	67.50	1014.8		11517			solid below RH higher but very noisy	✓	05	
✓05	985035224	194855	25.87	65.02						100% in cloud (part of storm)	✓	06	1
✓05A	984715369	195032	25.67	64.99	1015.9		10017			100% below	✓	07	
✓06	984715170	200821	23.64	65.07	1014.2		11019			20% below aircraft + cb tower	✓	08	
✓07	985035013	200945	23.00	67.74						20% cloud below Aircraft	✓	09	
✓08	984715366	205030								20% cloud below plane. some failed below region	✓	10	
✓09	984715019	211121	23.50	73.28							✓	11	
✓10	983620690	213342								10% cloud below plane	✓	12	
✓11	984325198	214835	21.51	75.83						10% cloud below plane	✓	13	
✓12	984715016	220108	21.50	74.23						10% low cloud. some failed below	✓	14	
✓13	984715171	221459	21.39	72.52							✓	15	114
⊛→14	984715172	222324	20.46	72.58							✓		
✓15	983410143	223730	19.50	74.24							✓		
✓16	983840549	225503	19.50	76.33							✓		

(*) Had bad record -
 Jeff manually edited line.

X

Landing	UTC
1	0000
2	0005
3	0010
4	0015
5	0020
6	0025
7	0030
8	0035
9	0040
10	0045
11	0050
12	0055
13	0100
14	0105
15	0110
16	0115
17	0120
18	0125
19	0130
20	0135
21	0140
22	0145
23	0150
24	0155
25	0200
26	0205
27	0210
28	0215
29	0220
30	0225
31	0230
32	0235
33	0240
34	0245
35	0250
36	0255
37	0300
38	0305
39	0310
40	0315
41	0320
42	0325
43	0330
44	0335
45	0340
46	0345
47	0350
48	0355
49	0400
50	0405
51	0410
52	0415
53	0420
54	0425
55	0430
56	0435
57	0440
58	0445
59	0450
60	0455
61	0500
62	0505
63	0510
64	0515
65	0520
66	0525
67	0530
68	0535
69	0540
70	0545
71	0550
72	0555
73	0600
74	0605
75	0610
76	0615
77	0620
78	0625
79	0630
80	0635
81	0640
82	0645
83	0650
84	0655
85	0700
86	0705
87	0710
88	0715
89	0720
90	0725
91	0730
92	0735
93	0740
94	0745
95	0750
96	0755
97	0800
98	0805
99	0810
100	0815
101	0820
102	0825
103	0830
104	0835
105	0840
106	0845
107	0850
108	0855
109	0900
110	0905
111	0910
112	0915
113	0920
114	0925
115	0930
116	0935
117	0940
118	0945
119	0950
120	0955
121	1000
122	1005
123	1010
124	1015
125	1020
126	1025
127	1030
128	1035
129	1040
130	1045
131	1050
132	1055
133	1100
134	1105
135	1110
136	1115
137	1120
138	1125
139	1130
140	1135
141	1140
142	1145
143	1150
144	1155
145	1200
146	1205
147	1210
148	1215
149	1220
150	1225
151	1230
152	1235
153	1240
154	1245
155	1250
156	1255
157	1300
158	1305
159	1310
160	1315
16	

* Very warm here
strong gale - confirmed