

19980731N1_DROPS

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Alex
 Flight ID 980731N
 Mission ID 0101A_ALEX

Dropsonde Scientist(s) FRANKLIN, GAMACHE
 AVAPS Operator(s) JEFF SMITH

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 Takeoff 173430 UTC
 Landing 021700 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?	SATCOM
1	972340089	181423							Windsat 47 sec	<50% undercast RH heating cycle on	✓	1	11
2	638232404	183001							Windsat 60 sec	<50%	✓	2	1
3	974510110	184423							Windsat 30 sec	~50% low level cloud	✓	3	11
4	971520027	190656							@52 A	~10% mid level	✓	4	11
5	385400022	192510								HARDWARE (NOT S.W. SW) FAILURE ACTIVE CB'S AROUND 60%			
5A	973730048	192636							@24 A	90% bad flt level interp? RH low?	✓	5	1
6	973410069	194524							@50 A	20% bad flt T interp?	✓	6	1
7	632232106	195530								5% WEAK TELEMETRY OVERCAST AHEAD	✓	7	11
8	972440060	200428							@26 A	UNDERCAST/BAD INITIAL T	✓	8	11 CORR
9	972340086	201859								<50%/FAST FALL			
9A	972440074	202228								FAST FALL			
9B	972340055	202548							@20 A	25% RH1 ≠ RH2	✓	9	
10	981810051	203712		520-538						10%	✓	10	3 tries
11	972010086	205642							@46 A		✓	11	1st try
12	972340006	211722							@35 A		✓	12	11
13	973250023	214219									✓	13	
14	973410199	220630								98% BAD T, H	✓	14	
15	972340085	221126								50% mid layer and lower / BAD T	✓	15	

AVAPS CH 1 & 2 ARE MWG201, 3 & 4 ARE 1.17

PROB ENTIRE SOUNDING

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