

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm FLOYDFlight Director PARRISHPage 1 of 2Flight ID 990909NDropwindsonde Scientists ABERSON / LANDSEATakeoff 173235 UTCMission ID 0308A FLOYDAVAPS Operators JEFF SMITH / GOLDSTEIN

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	Ob #
✓ 1	984925113	182023	21 30.3	62 1.0	1011	04511	04513			10% CU below, HAPS-AVAPS problem, reset to 18301	
✓ 2	990845065	183113	22 38.7	61 5.5	1011	05014	05514			clear	02
✓ 3	990838042	184652	24 43.1	60 54.0	1013	—	—			removed 4th level due to superadiabatic layer, no low level winds	03
✓ 4	991845303	190738	24 38.3	58 1.5	1013	08515	08519			altimeter below, CU below	04
✓ 5	991515153	193625	21 32.8	57 56.1	1009	—	06524		rainband	thin cloud, near weak rainband, only some lower superadiabatic near surface, removed 4th level, winds in cloud, near rainband, use RH2	05
✓ 6	991435087	195730	21 33.3	55 4.3	1011	11021	11024		rainband	curved at 4th level, clear below	06
✓ 7	991515078	200120	24 30.7	59 53.9	1013	09016	10019			10% CU below, superadiabatic near top	07
✓ 8	991218017	203504	24 46.9	52 57.8	1014	—	13524			late winds, clear, fast fall, send after validation	08
✓ 9	990838043	204836	25 1.8	50 59.4	1014	—	—			clear, spotty winds below 700mb, see other side	09
✓ 9A	990838035	205012	25 3.4	50 48.4	1016	—	13512			near 4th level	10
✓ 10	983310004	210223	25 10.5	48 58.0	1016	13508	14509			10% CU below, TCU to N, use RH2, superadiabatic	11
✓ 11	984325277	212555	22 31.8	47 2.8	1016	10508	10008			10% CU below, sunset	12
✓ 12	983340087	214553	22 27.3	44 30.4	1016	12513	12513		Missing PTH from 60-120s	50% CU below - slow fall first 370s.	13
✓ 13	990415053	220645	21 57.8	51 58.0	1014	12818	12021			Dark -	14
✓ 14	985145005	223311	19 2.7	52 31.5	1011	12521	13022			Dark -	15

Span reset modem - 2318Z
and SATCOM restarted

problems -
busy, busy,
then prompt

