

note: Drops #1 & 2 locations adjusted due to
Air Traffic Control.

HRD GPS Dropwindsonde Scientist Log (Revised 6/1999)

Storm GERT

Flight Director Parvish

Page 1 of 2

Flight ID 990915N

Dropwindsonde Scientists Goldenberg, Kaplan

Takeoff 1729 UTC

Mission ID 0109A GERT

AVAPS Operators Al Goldstein, Jeff Smith, Chris Hornbrook

Landing 0145 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 #
✓ 01	990415314	175955	20.8	64.3	1012.9	08013	08004			In cloud	✓ 01
✓ 02	990845189	181908	21.73	62.00	1013.8	08011	08514			Clear (Hazy)	✓ 02
✓ 03	990415218	184136	23.17	59.33	1014.8	05517	06018			5%	✓ 03
✓ 04	992455332	190008	24.96	57.50	1016.2	—	07017			5% suspicious deck	✓ 04
✓ 05	990415220	191712	25.00	55.16	1016.2	07021	07023			5% winds - start start	✓ 05
✓ 06	990415217	193411	25.00	52.82	1016.5	07049	07522			5%	✓ 06
✓ 07	990415287	195040	24.88	50.61	1015.9	08522	08526			30% low Cu (RH2 used) and 1.4 km	✓ 07
✓ 08	992455314	201902	22.05	52.51	1012.0	06024	06028		N of 5	in CDO - 100% RH adj.	✓ 08
✓ 09	983840539	203221	22.00	54.24	1012.5	05524	06029			30%	✓ 09
✓ 10	983720859	204613	21.97	55.99	1013.2	04524	05527			20%	✓ 10
✓ 11	983840534	210356	20.50	57.50	1012.5	05019	05523			10%	✓ 11
✓ 12	983620562	212127	19.00	58.95	1012.1	03518	04021			10% on side / 80% to left (RH2)	✓ 12
✓ 13	990415067	213941	17.06	58.40	1010.6	03519	04020			10% no winds at top	✓ 13
✓ 14	990415305	215400	17.51	56.75	1009.8		02018			10%	✓ 14
✓ 15	990415288	220858	17.96	54.97	1008.9		01025		W of 5	5% & MAY have GWT mb file	✓ 15
✓ 16	9843205371	220851	16.6	53.0	1004.7		31525		CRA SW of 6		✓ 16
✓ 17	983840541	224703	15.6	51.0	1003.5	25028	25036			(RH2 used)	✓ 17
✓ 18	983620639	230320	16.74	49.39	1001.3	17042	18050		CRA SE of 6	100 mi ESE (RH2 used) 1711 is splash 94% 60-430	✓ 18

* Make this
Spec sign

40

* Jeff said had no
RH2 sensor - RH2 did
this one

Page 2 of 2

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Landing 0145 UTC

[illegible]

Lot of wine problems

Good winds
ag air
Bad V

25 min
9:40