

N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm Earl Dropwindsonde Scientists Sellwood Page 1 of       
 Flight ID 206080577 Flight Director Sears/Williams Takeoff from MacDill at 1750 UTC  
 Mission ID      AVAPS Operators John Recovery at MacDill at 0108 UTC

| Drop # | Sonde ID # | Time (UTC) | Lat (°N) | Lon (°W) | Surface Pressure (mb) | Wind closest to surface dir/spd (kt) | hgt (m) | BT SST (°C) | Eye, Eyewall, Rainband (direction) | Comments           | Ob # |
|--------|------------|------------|----------|----------|-----------------------|--------------------------------------|---------|-------------|------------------------------------|--------------------|------|
| 1      | 14245112   | 2010       | 18.14    | -8700    | 1006.7                | 76/43                                | 10      |             |                                    | IP                 | 5    |
| 2      | 144625002  | 2017       | 1763     | -8647    | 1001.3                | 46/53                                | 10      |             |                                    | mid                | 6    |
| 3      | 132625057  | 2024       | 1722     | -8621    | 987.8                 | 119/13                               | 10      |             |                                    | center             | 8    |
| 4      | 132335040  | 2030       | 1670     | -8572    | 1002.8                | 186/43                               | 10      |             |                                    | mid                | 10   |
| 5      | 132235210  | 2052       | 1617     | -8519    | 1007.0                | 125/11                               | 10      |             |                                    | End leg 1          | 11   |
| 6      | 144315118  | 2116       | 1780     | -8541    | 1006.4                | 118/27                               | 10      |             |                                    | "moat module drop" | 13   |
| 7      | 144625012  | 2124       | 1815     | -8554    | 1005.9                | 79/41                                | 10      |             |                                    | Start leg 2        | 14   |
| 8      | 144625034  | 2134       | 1758     | -8615    | 991.9                 | 101/66                               | ?       |             |                                    | mid                | 16   |
| 9      | 144625028  | 2142       | 1717     | -8647    | 988.6                 | 150/16                               | 10      |             |                                    | center             | 17   |
| 10     | 142625091  | 2152       | 1676     | -8705    | 1002.0                | 265/30                               | 10      |             |                                    | mid                | 18   |
| 11     | 132625097  | 2202       | 1618     | -8751    | 1006.7                | 278/29                               | 10      |             |                                    | End leg 2          | 19   |
| 12     | 133335045  | 2226       | 1662     | -8652    | 1001.4                | 230/32                               | 10      |             |                                    | mid                | 21   |
| 13     | 142725092  | 2234       | 1719     | -8650    | 986.9                 | 25/13                                | 10      |             |                                    | center             | 24   |
| 14     | 144625199  | 2254       | 1862     | -8657    | 1006.5                | 85/42                                | 10      |             |                                    | encl               | 25   |
|        |            |            |          |          |                       |                                      |         |             |                                    |                    |      |
|        |            |            |          |          |                       |                                      |         |             |                                    |                    |      |
|        |            |            |          |          |                       |                                      |         |             |                                    |                    |      |

★ drop 8 stopped just above surface - set heights missing  
 sent corrected msg with "center" added