

Storm motion   
 017  
 @100kts

Hi Paloma

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

Storm 081108IT Dropwindsonde Scientists P. Leighton Page 1 of 2  
 Flight ID 081108IT Flight Director B. Damiano Takeoff from Mac Dill AFB 1346 UTC  
 Mission ID Wx17A Paloma AVAPS Operators J. Smith / D. Carpenter Recovery at Mac Dill AFB UTC

STW  
 017.5

201178.57W  
 01715

130kts  
 more Hmp  
 w to E



| Drop # | Sonde ID # | Time (UTC) | Lat (°N) | Lon (°W) | Surface Pressure (mb) | Wind closest to surface dir/spd hgt (kt) (m) | BT SST (°C) | Eye, Eyewall, Rainband (direction) | Comments               | Ob #         |
|--------|------------|------------|----------|----------|-----------------------|----------------------------------------------|-------------|------------------------------------|------------------------|--------------|
| 1      | 061449070  | 155052     | 21.2     | 79.08    | ?                     | ?                                            | ?           |                                    | IP start Pass 1        | N/A          |
| 2      | 061429127  | 155937     | 20.55    | 79.15    | ?                     |                                              | 28.6        | <del>Weyewall</del>                | Run                    | N/A BT combo |
| 3      | 070819106  | 160600     | 20.15    | 79.18    | ?                     |                                              |             | <del>Eye</del>                     | <del>Run</del>         | N/A          |
| 4      | 060226353  | 161104     | 20.03    | 79.10    | 948.3                 | 35/14                                        | 8.0         | 21.9                               | Eye                    | 23 " "       |
| 5      | 070819049  | 163037     | 19.94    | 79.12    | 960                   | 15/9                                         | 58          | End                                | S Eyewall              | 25 " "       |
| 6      | 070349110  | 163826     | 19.42    | 79.12    | 1002.2                |                                              | 28          |                                    | Run?                   | 26 " "       |
| 7      | 070819006  | 164850     | 18.82    | 79.03    | 1006.5                | 23/12                                        | 8.1         | 28.4                               | end Pass 1 Late launch | 27 " "       |
| 8      | 070349118  | 165920     | 19.23    | 78.27    | 1006.2                | 14/25                                        | 6.7         | 28.2                               | start Pass 2           | 30 " "       |
| 9      | 061449192  | 171328     | 19.97    | 78.93    | —                     |                                              |             | <del>28.5</del>                    | SE eyewall             | N/A 9000 ft  |
| 10     | 070349200  | 172222     | 20.03    | 78.94    | 961.1                 | 127/85                                       | 3.4         |                                    | eye edge               | 34           |
| 11     | 070349048  | 172727     | 20.26    | 79.06    | —                     | 33/016                                       | 73          |                                    | NW Eyewall             | 36           |
| 12     | 063519141  | 174350     | 20.99    | 79.94    |                       |                                              |             | —                                  | end Pass 2             | Sound only   |
| 13     | 070419098  | 175517     | 20.18    | 80.14    |                       |                                              | 21.9        |                                    | start Pass 3           | BT combo     |
| 14     | 070419034  | 180441     | 20.18    | 79.13    |                       |                                              | 28.0        |                                    |                        |              |
| 15     | 070419039  | 181114     | 20.12    | 78.84    |                       |                                              | 27.8        | Weyewall                           | Run                    | BT combo     |
| 16     | 062249111  | 181344     | 20.29    | 78.84    |                       |                                              | 28          | Eye                                |                        | BT combo     |
| 17     | 070759098  | 181639     | 20.34    | 78.69    |                       |                                              | —           | Eyewall                            |                        | " "          |

Storm 111 Pelona Dropwindsonde Scientists P. Leighton Page 2 of 2  
Flight ID 081108I1 Flight Director B. Damiano Takeoff from MacD. 11 AFB at 1346 UTC  
Mission ID WX17A Pelona SAVAPS Operators J. Smith / D. Carpenter Recovery at MacD. 11 AFB at        UTC

[illegible]

1st combo  
 side only  
 2nd ~~combo~~  
 second  
 combo  
 combo