

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

Storm PALOMA1 Dropwindsonde Scientists DORST Page 1 of 2
 Flight ID 2008110711 Flight Director PAUL FLAHERTY Takeoff from MacDill AFB at 024610 UTC
 Mission ID WXWXA AVAPS Operators JOE GREEN Recovery at MacDill AFB at UTC

| 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 | 062839110 | 052454 | 17.14 | 81.15 | 1009.0 | 332/16 9.5 | 27.9 | N of G | | 23 |
| 2 | 063229025 | 054904 | 17.27 | 82.19 | 1002.7 | 320/45 8.2 | - | W of G just | outside eyewall | 26 |
| 3 | 061429109 | 055047 | 17.29 | 82.05 | 998.2 | 307/45 7.5 | 28.1 | inside | eyewall | 28 |
| 4 | 070749145 | 055215 | 17.32 | 81.93 | 993.1 | 284/58 7.1 | - | west side | of eye | 31 |
| 5 | 053636029 | 055722 | 17.43 | 81.56 | 994.7 | 134/62 10.1 | - | E | eyewall | 32 |
| 6 | 063019075 | 060033 | 17.43 | 81.32 | 1002.7 | 152/39 4.8 | - | E | outside eyewall | 34 |
| 7 | 070759074 | 061438 | 17.54 | 80.34 | 1006.9 | 147/25 10.1 | - | E of G | | 35 |
| 8 | 062859037 | 063822 | 18.75 | 81.75 | 1008.0 | 045/33 10.1 | - | N of G | | 39 |
| 9 | 062839194 | 065409 | 17.64 | 81.76 | 998.7 | 012/72 10.1 | - | N | eyewall | 43 |
| 10 | 053636019 | 065539 | 17.53 | 81.75 | 983.9 | 094/8 10.1 | - | EYE | | 44 |
| 11 | 062929013 | 065811 | 17.33 | 81.75 | 990.7 | 229/16 7.5 | - | S | eyewall | 47 |
| 12 | 062839307 | 071429 | 16.25 | 81.67 | 1006.6 | 247/17 7.1 | 28.1 | S of G | | 49 |
| 13 | 062859012 | 072616 | 16.71 | 80.87 | 1006.8 | 198/07 7.3 | - | SE of G | | 52 |
| 14 | | | | | | | | SE eyewall | No LAUNCH DETECT | |
| 15 | 061429117 | 074240 | 17.60 | 81.68 | N/A | N/A | 16.0 | EYE | DATA LOST 750m altitude | 55 |
| 16 | 061429113 | 074446 | 17.72 | 81.78 | 986.1 | 350/68 5.9 | - | NW | eyewall | 58 |
| 17 | 063519140 | 080316 | 18.31 | 82.66 | 1006.3 | 056/21 7.6 | - | NW of G | | 60 |