

# N49RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

0556Z 26°28' 75°33' 960mb 101ME 110SW 2

Storm JEANNE Dropwindsonde Scientists LANDSEA Page 1 of 2  
 Flight ID 040925n Flight Director DAMIANO Takeoff from McDILL at 0530 UTC  
 Mission ID NOAA 2011A JEANNE AVAPS Operators ROLES / BARR Recovery at McDILL at 1302 UTC

| Drop # | Sonde ID # | Time (UTC) | Lat (°N) | Lon (°W) | Surface Pressure (mb) | Wind closest to surface dir/spd hgt (kt) (m) | DLM wind (kt) | Comments                                                                  | 700 mb RH | SATCOM tries | Ob # |
|--------|------------|------------|----------|----------|-----------------------|----------------------------------------------|---------------|---------------------------------------------------------------------------|-----------|--------------|------|
| 1      | 040925313  | 061134     | 31.13    | 79.00    | 1012.6                | 90-24 5                                      | 80-20         | A bit dark. AVAPS had to descend as used channel can't see on HARS        | 12%       | ✓            | 3    |
| 2      | 041345100  | 062149     | 30.06    | 78.37    | 1010.5                | 40-21 7                                      | 75-29         | Still dark NORTH Pup Flip                                                 | 57%       | ✓ 1          | 1    |
| 3      | 041625006  | 063310     | 28.09    | 77.68    | 1005.3                | 25-28 7                                      | 65-40         | Very dark NORTH Pup Flip                                                  | 71%       | ✓            | 2    |
| 4      | 041345064  | 064647     | 28.95    | 75.91    | 1003.8                | 65-42 7                                      | 85-48         | DARK NORTH Pup Flip                                                       | 71%       | ✓            | 4    |
| 5      | 041715034  | 065845     | 30.43    | 75.93    | 1010.5                | 65-30 7                                      | 85-31         | DARK NORTH Pup Flip                                                       | 57%       | ✓ 1          | 5    |
| 6      | 041715060  | 071054     | 31.95    | 75.91    | 1012.7                | 75-30 8                                      | 90-21         | Dark? NORTH Pup Flip                                                      | 11%       | ✓            | 6    |
| 7      | 040925305  | 072320     | 32.08    | 74.05    | 1013.2                | 80-26 7                                      | 85-20         | Some bad T values / TURNED ON TO BE BACK JUST FINE / NORTH Pup Flip       | 9%        | ✓ 1          | 7    |
| 7A     | 041715028  | 072958     | 32.88    | 74.00    | 1014.8                | 75-26 349                                    | 85-17         | NORTH FLIP FLOP (Back up sonde) Lost winds 7475mb                         | 19%       | ✓ 1111       | 8    |
| 8      | 040925302  | 073856     | 33.90    | 73.89    | 1016.0                | 90-20 2892                                   | 75-11         | No RH Pup Flip                                                            | 6%        | ✓            | 9    |
| 9      | 040925299  | 075320     | 32.95    | 72.03    | 1015.0                | 95-21 7                                      | 70-14         | Looking, looking, nope still dark NORTH Pup Flip. Bad winds to 60s to 30s | 55%       | ✓            | 10   |
| 10     | 041715057  | 080906     | 31.00    | 72.00    | 1012.1                | 90-26 7                                      | 90-19         | Apparently Dark NORTH Pup Flip                                            | 49%       | ✓            | 11   |
| 11     | 041715029  | 082442     | 29.10    | 72.10    | 1008.5                | 120-22 4                                     | 115-21        | Yes, Dark. Late winds 755 NO RH Pup Flip                                  | 71%       | ✓            | 12   |
| 12     | 041625025  | 084033     | 29.85    | 73.96    | 1007.9                | 85-24 7                                      | 100-29        | Dark at the Night NORTH Pup Flip. Slow fall to 30s                        | 65%       | ✓ 1          | 13   |
| 13     | 041625170  | 085557     | 28.00    | 73.90    | 1003.0                | 115-31 7                                     | 130-38        | Very Dark NORTH Pup Flip. Late winds 50s                                  | 81%       | ✓            | 14   |
| 14     | 040925300  | 091225     | 26.07    | 73.70    | 1002.4                | 160-22 4                                     | 175-34        | Extra Dark Late winds 553 NORTH Pup Flip                                  | 65%       | ✓            | 15   |
| 15     | 041345075  | 092603     | 26.50    | 71.90    | 1007.7                | 130-18 8                                     | 160-21        | Dark on the Rocks Late winds 60s NORTH Pup Flip                           | 80%       | ✓            | 16   |
| 16     | 041345001  | 094009     | 26.90    | 70.05    | 1000.0                | 130-19 4                                     | 153-13        | Dark 200 Winds at 30s then 60s RH support to 120s                         | 67%       | ✓ 11         | 17   |

(2226.5<sup>957</sup>  
76.8<sup>0201</sup>  
vised 5/2002)

26.5<sup>958</sup>  
76.1<sup>2</sup>  
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