

2248-2254 LF MIDS 53454

2400-67468 Finish msg 69

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

Storm LILI Dropwindsonde Scientists GAMACHE Page 1 of 1Flight ID 02093011 Flight Director DAMIANO Takeoff from MacDill at 171624 UTCMission ID WXWXA LILI AVAPS Operators SANS SAUCI, J SMITH, T LYNCH Recovery at MacDill at 013833 UTC

NS=NOT SENT

| 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 # |
|--------|------------|------------|----------|----------|-----------------------|----------------------------------------------|-------------|------------------------------------|-------------------------------------------------------------|------|
|        |            |            |          |          |                       |                                              |             |                                    |                                                             | MID  |
| 1      | 003825222  | 191602     | 21.004   | 84.029   |                       |                                              |             |                                    | NO WINDS MAX WEST                                           | NS   |
| 2      | 004255259  | 191738     | 20.973   | 83.93    | 1008.8                | 026/18                                       | 10          | 28.8                               | IP MAX WEST 91730 1957 2017                                 | 18   |
| 3      | 013635218  | 194658     | 20.38    | 82.17    | 1006.4                | 347/21                                       | 7           | 28.8                               | Late winds                                                  | 21   |
| 4      | 011245473  | 200209     | 20.08    | 81.20    | 1001.8                | 330/22                                       | 8           | 28.7                               | Late winds                                                  | 24   |
| 5      | 003825227  | 201123     | 20.07    | 80.59    | 984                   | 261/53                                       | 9           | 29.0                               | QUESTIONABLE WINDS WIND MAX NO BT/CP                        | 26   |
| 6      | 004255035  | 201436     | 20.12    | 80.35    | 986.1                 | 179/57                                       | 4           |                                    | EYE WALL SLF                                                | 29   |
| 7      | 013635201  | 202836     | 20.76    | 79.87    | 1009.3                | 126/46                                       | 4           | 29.0                               | Late winds; no winds 952-974mb                              | 37   |
| 8      | 020615266  | 204350     | 20.94    | 81.04    |                       | 126                                          |             | 29.2                               | Screwy                                                      | NS   |
| 9      | 020248018  | 205439     | 20.37    | 80.71    |                       |                                              |             |                                    | Delayed deployment - SONDE STUCK IN TUBE                    | NS   |
| 10     | 004255260  | 205747     | 20.21    | 80.59    | 981.6                 | 230/17                                       | 5           |                                    | NEAR CENTER DON'T SEND                                      | NS   |
| 11     | 004255042  | 210404     | 20.32    | 80.87    |                       |                                              |             |                                    | EYE WALL WIND NW NO WIND NOT WORKED                         | NS   |
| 12     | 004255045  | 211430     | 20.62    | 81.47    |                       | 035/29                                       |             | 28.8                               | NW of center                                                | 39   |
| 13     | 020215181  | 214743     | 18.76    | 82.55    |                       | 299/09                                       |             | 29.0                               | SW of center                                                | 41   |
| 14     | 022945175  | 223328     | 20.40    | 80.80    | 979.7                 | 200/14                                       | 7           |                                    | Eye NO DATA SYS; intermittent winds                         | 51   |
| 15     | 020615316  | 234152     | 20.33    | 79.55    |                       |                                              |             | 28.7                               |                                                             | 59   |
| 16     | 004255255  | 235603     | 20.49    | 80.59    | 998.1                 | 151/65                                       | 20          | 28.9                               | RAINBAND                                                    | 61   |
| 17     | 002945007  | 235922     | 20.55    | 80.83    | 989.1                 | -                                            | -           | 28.9                               | Eye wall LARGE RAINBAND Pteriatric winds flakey below 900mb | 65   |
| 17A    | 004255041  | 235946     | 20.55    | 80.83    |                       |                                              |             |                                    | E Eye wall                                                  |      |

2050-2055 2015-2017 MID LF Comp #1 is 45444 (2052) LF2 (2050) MID 46447