

## U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center

|                                                              |                                                     |                                              |
|--------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------|
| FLT ID: 20120222N1                                           | From: PHJR                                          | To: PHJR                                     |
| FLT #:                                                       | Blk In: 0248 Z                                      | Lnd Time: 0230 Z                             |
| ETD: 1930 Z                                                  | Blk Out: 1916 Z                                     | T/O Time: 1926 Z                             |
| ETE:                                                         | Total Blk: 7.5                                      | Total Flt: 7.1                               |
| Sponsoring Org: NCEP                                         | Program:                                            | Purpose: WSR-12                              |
| AOC Flight Crew                                              |                                                     |                                              |
| Aircraft Commander: GLOVER                                   | Data System: MASCARD                                |                                              |
| Co-Pilot: TWINING / MOYERS                                   | Avaps: HILL                                         |                                              |
| Navigator: /                                                 | System Engineer:                                    |                                              |
| Flight Eng: /                                                | AA: <del>TD</del> GOLDSTEIN                         |                                              |
| Flt Director: MORGAN / SEARS                                 | AA:                                                 |                                              |
| Avionics:                                                    | Crew Chief:                                         |                                              |
| Participating Scientists, Visitors, & Add'l Aircrew on back. |                                                     | # of people listed on back:                  |
|                                                              | A/C - Takeoff                                       | Wx Station - Takeoff                         |
|                                                              |                                                     | A/C - Land                                   |
| Pressure                                                     |                                                     | Wx Station - Land                            |
|                                                              | 30.11"                                              | 30.03"                                       |
| ATIS - Takeoff                                               | 221753Z 06005KT 10SM CLR 23/16 A3011 RMK A02 SLP203 |                                              |
| ATIS - Land                                                  | 230153Z 07007G9KT 040/100 10SM SCT039 26/17 AB003   |                                              |
| Data Source                                                  | Number                                              | Data Disposition / Date / Quality            |
| Flight Level Tapes                                           |                                                     |                                              |
| Radar Tapes                                                  |                                                     |                                              |
| Dropsondes                                                   | 17                                                  | Good: 17 Bad: 0 Sent: 21 (2,3,4,5 sent CLAs) |
| AXBT                                                         |                                                     |                                              |
| List other data sources on back in Remarks section.          |                                                     |                                              |
| Remarks (Storm Name, Mission ID, Recco Times, Fix Times)     |                                                     | Recco Times: Fix # Fix Time                  |
| Storm Name:                                                  |                                                     |                                              |
| Mission ID: N4449 23WSC TRACK55                              |                                                     |                                              |



# N49RF AOC GPS Dropwindsonde Log

Flight ID: 20120222 N1

Flight Director: MORLAN/SEARS

Mission ID: 03 WSC TRACK 55

Storm/Track: TRACK 55

Pg 1 of 1

| Drop # | Ob # | Sonde ID   | Drop Time (UTC) | Lat (°N) | Lon (°E) | Wx Cond.  | L5/R5? | SFC Pfs (mb) | Last Wind Alt (m) | Comments | Ch # | SatComm failures | KWBC # |
|--------|------|------------|-----------------|----------|----------|-----------|--------|--------------|-------------------|----------|------|------------------|--------|
| 1      | 01   | 1035151934 | 201459          | 26.09    | -158.25  |           | RS     | 1024         | 7.3               | -10.0    | 1    |                  | 2034   |
| 2      | 02   | 103515195  | 003549          | 28.51    | -159.00  | UNDERCAST | RS     | 1024         | 7.2               | -9.4     | 2    |                  | 2054   |
| 3      | 03   | 103525098  | 205556          | 31.01    | -159.5   | UNDERCAST | RS     | 1025.2       | 8.4               | 4.0      | 3    |                  | 2114   |
| 4      | 04   | 111955070  | 211512          | 33.5     | -160.08  | UNDERCAST | RS     | 1024.8       | 9.0               | -17      | 4    | 204              | 2136   |
| 5      | 05   | 103515404  | 213308          | 35.9     | -160.58  | BKN       | RS     | 1022.8       | 8.2               | 1.0      | 1    | 214              | 2154   |
| 6      | 06   | 103515437  | 215142          | 38.5     | -160.8   | BKN       | RS     | 1017.2       | 6.1               | 6.7      | 2    |                  | 2211   |
| 7      | 07   | 103515416  | 220845          | 41.01    | -160.74  | BKN       | RS     | 1013.5       | 8.1               | 4.8      | 3    |                  | 2227   |
| 8      | 08   | 103515179  | 222520          | 43.33    | -159.55  | BKN       | RS     | 1013.9       | 8.7               | -4.1     | 4    |                  | 2249   |
| 9      | 09   | 103515301  | 224125          | 44.92    | -157.0   | UNDERCAST | RS     | 1014.8       | 9.0               | 2.7      | 1    |                  | 2321   |
| 10     | 10   | 103525021  | 230350          | 43.06    | -154.58  | UNDERCAST | RS     | 1012.0       | 8.1               | 13.4     | 2    | 210              | 2355   |
| 11     | 11   | 103515304  | 232824          | 40.58    | -163.73  | UNDERCAST | RS     | 1016.8       | 8.1               | 8.4      | 3    | 202              | 2357   |
| 12     | 12   | 103515411  | 235325          | 38.13    | -154.93  | UNDERCAST | RS     | 1019.9       | 8.6               | 9.0      | 4    | 209              | 0013   |
| 13     | 13   | 103755047  | 001533          | 35.75    | -155.5   | UNDERCAST | RS     | 1021.4       | 5.1               | -9.3     | 1    |                  | 0043   |
| 14     | 14   | 112065220  | 003738          | 33.31    | -156.25  | UNDERCAST | RS     | 1024.5       | 7.8               | 5.5      | 2    |                  | 0057   |
| 15     | 15   | 103525017  | 005842          | 30.9     | -156.9   | BKN       | RS     | 1024.4       | 13.6              | -10.0    | 3    |                  | 0126   |
| 16     | 16   | 103755050  | 011734          | 28.41    | -157.5   | BKN       | RS     | 1023.1       | 7.5               | 10.9     | 1    |                  | 0144   |
| 17     | 17   | 103525177  | 013832          | 25.97    | -157.5   | SLT       | RS     | 1020.7       | 7.8               | 19.2     | 2    |                  | 0158   |
| 18     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 19     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 20     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 21     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 22     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 23     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 24     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 25     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 26     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 27     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 28     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 29     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |
| 30     |      |            |                 |          |          |           |        |              |                   |          |      |                  |        |

CCA  
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## NOAA • AOC • SED

N49RF AVAPS DROP LOG

Lead Tech: Gabe Defeo

Project: Winter Storms 2012

Mission: \_\_\_\_\_

Flight ID: 20120222 N1Take Off: 1926

Landing: \_\_\_\_\_

Flt Dir: \_\_\_\_\_

SEARS

MORGAN

Launcher S/N: 002

| Drop # | Sonde Serial # | Rcvr # | Press Offset | Launch Time | Operator | Charge \$\$ To | Comments | Good ? |
|--------|----------------|--------|--------------|-------------|----------|----------------|----------|--------|
| 1      | 103515394      | 1      | 0            | 2014        | MAM      | NWS            |          | ✓      |
| 2      | 103515195      | 2      | 1            | 2035        |          |                |          | ✓      |
| 3      | 103525098      | 3      | 1            | 2055        |          |                |          | ✓      |
| 4      | 111955070      | 4      |              | 2115        |          |                |          | ✓      |
| 5      | 103515404      | 1      |              | 2133        |          |                |          | ✓      |
| 6      | 103515437      | 2      |              | 2151        |          |                |          | ✓      |
| 7      | 103515416      | 3      |              | 2208        |          |                |          | ✓      |
| 8      | 103515179      | 4      |              | 2225        |          |                |          | ✓      |
| 9      | 103515301      | 1      |              | 2241        |          |                |          | ✓      |
| 10     | 103525021      | 2      |              | 2303        |          |                |          | ✓      |
| 11     | 103515304      | 3      |              | 2328        |          |                |          | ✓      |
| 12     | 103515411      | 4      |              | 2353        |          |                |          | ✓      |
| 13     | 103755047      | 1      |              | 0015        |          |                |          | ✓      |
| 14     | 112065220      | 2      |              | 0037        |          |                |          | ✓      |
| 15     | 103525017      | 3      |              | 0058        |          |                |          | ✓      |
| 16     | 103755050      | 1      |              | 0119        |          |                |          | ✓      |
| 17     | 103525197      | 2      |              | 0138        |          |                |          | ✓      |
| 18     |                |        |              |             |          |                |          |        |
| 19     |                |        |              |             |          |                |          |        |
| 20     |                |        |              |             |          |                |          |        |
| 21     |                |        |              |             |          |                |          |        |
| 22     |                |        |              |             |          |                |          |        |
| 23     |                |        |              |             |          |                |          |        |
| 24     |                |        |              |             |          |                |          |        |
| 25     |                |        |              |             |          |                |          |        |
| 26     |                |        |              |             |          |                |          |        |
| 27     |                |        |              |             |          |                |          |        |
| 28     |                |        |              |             |          |                |          |        |
| 29     |                |        |              |             |          |                |          |        |
| 30     |                |        |              |             |          |                |          |        |
| 31     |                |        |              |             |          |                |          |        |
| 32     |                |        |              |             |          |                |          |        |
| 33     |                |        |              |             |          |                |          |        |
| 34     |                |        |              |             |          |                |          |        |

358

405