# HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm Danielle
Flight ID 980828N
Mission ID D504A Danielle

Dropsonde Scientist(s) Franklin, Kaplan
AVAPS Operator(s) Pradas

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Takeoff 172747 UTC
Landing 02323 UTC

| Drop # | Sonde ID | Time (UTC) | Lat (°) | Lon (°) | Press (mb) | GAlt (m) | T (°C) | TD (°C) | WD/WS (kt) | Comments | Prc ? | Xmt ? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 982010111 | 181146 | | | slow | fall | | | | | ✓ | 1 |
| 2 | 982430190 | 182615 | | | slow | fall | | | | 5% low-level strato-cu | ✓ | 2 |
| 3 | 974510020 | 184215 | | | | | | | | 20% low-level strato-cu | ✓ | 3 |
| 4 | 974740060 | 185903 | | | | | | | | upper-level cirrus + 30% low-level cu | ✓ | 4 |
| 5 | 973840037 | 191656 | | | | | | | | 1% low-level strato-cu | ✓ | 5 |
| 6 | 974530095 | 193339 | | | | | | | | <10% low-level strato-cu | X | X |
| 6a | 973840116 | 193528 | | | | | | | | | ✓ | 6 |
| 7 | 973840043 | 195134 | | | | | | | | 20% low-level cu | ✓ | 7 |
| 8 | 974150009 | 201438 | | | | | | | | FLT Level cirrus | ✓ | 8 |
| 9 | 974530031 | 203615 | | | | WET BULBING, RH LOW added 10% | | | | FLT Level cirrus | ✓ | 9 |
| 10 | 974150011 | 210100 | | | | | | | | NO low-level cu | ✓ | 10 |
| 11 | 974530013 | 211335 | | | | | | | | 5% low cu | ✓ | 11 |
| 12 | 974540052 | 212852 | | | | | | | | 10% low cu | ✓ | 12 |
| 13 | 982010030 | 214150 | | | | | | | | 330/15 SLOW | ✓ | 13 |
| 14 | 982010028 | 215803 | | | | | | | | 128/28 20% low cu 164/6 | ✓ | 14 |
| 15 | 981950039 | 221313 | | | | slow-fall | | | | | ✓ | 15 |
| 16 | 981950037 | 222936 | | | | | | | | 20% low-level cu | ✓ | 16 |
| 17 | 974510060 | 224138 | | | | | | | | 2 cloud-decks Below FLT Lvl | ✓ | 17 |

0-45 - 2 mb ✓
244-336 2 mb ✓

1015.6

2

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | 974530021 | 225631 | | | Quest. fl. winds (attach) | | | | | U BIASES | ✓ | 18 | 299/1[illegible] |
| 19 | 974510024 | 231335 | | | | | | | | | ✓ | 19 | 99/18 |
| 20 | 974150038 | 233244 | | | | | | | | PTH fails early | ✓ | 20 | |
| 21 | 973720056 | 234733 | | | | | | | | LONG RELEASE | X | X | |
| 21A | 973720054 | 234835 | | | Cusher started data collection late. | | | | | LONG RELEASE | ✓ | 21 | 158/9 |
| 22 | 974150014 | 000315 | | | | | | | | RH2/WINDS FAIL IXCNO-2 | ✓ | 22 | |
| 23 | 974150034 | 002345 | | | | | | | | | ✓ | 23 | |
| 24 | 974150015 | 003752 | | | | | | | | | ✓ | 24 | |
| 25 | 974510078 | 005511 | | | NEED BY FTP ✓ | | | | | | ✓ | 25 | |
| 26 | 974530053 | 010746 | | | NEED BY FTP ✓ | | | | | | ✓ | 26 | |
| 27 | 974510006 | 011825 | | | FTP ✓ | | | | | | ✓ | 27 | |
| 28 | 973720097 | 013524 | | | | | | | | RH2 | ✓ | 28 | |
| 29 | 974510114 | 015111 | | | | | | | | | ✓ | 29 | |
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MADS DOWN ~ 0110 →