

| U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center |               |                                      |                     |                               |
|--------------------------------------------------------------------|---------------|--------------------------------------|---------------------|-------------------------------|
| FLT ID: 080907N                                                    |               | From: KMCF                           |                     | To: KMCF                      |
| FLT #: 08-057                                                      |               | Blk In: 0126 Z (8.2)                 |                     | Lnd Time: 0118 Z (7.8)        |
| ETD: 1730 Z                                                        |               | Blk Out: 1717 Z                      |                     | T/O Time: 1728 Z              |
| ETE: 8 hrs                                                         |               | Total Blk: 8 hrs 9 min               |                     | Total Flt: 7 hrs 50 min       |
| Sponsoring Org: NHC                                                |               | Program: HURROS                      |                     | Purpose: SURVEILLANCE         |
| AOC Flight Crew                                                    |               |                                      |                     |                               |
| Aircraft Commander: FINN                                           |               |                                      | Data System: ROGERS |                               |
| Co-Pilot: GLOVER 1                                                 |               |                                      | Avaps:              |                               |
| Navigator: 1                                                       |               |                                      | System Engineer:    |                               |
| Flight Eng: 1                                                      |               |                                      | AA: CARPENTER       |                               |
| Flt Director: ALMEIDA PARRISH                                      |               |                                      | AA: GOLDSTEIN       |                               |
| Avionics:                                                          |               |                                      | Crew Chief:         |                               |
| Participating Scientists, Visitors, & Add'l Aircrew on back.       |               |                                      |                     | # of people listed on back: 0 |
|                                                                    | A/C - Takeoff | Wx Station - Takeoff                 | A/C - Land          | Wx Station - Land             |
| Pressure                                                           |               |                                      |                     |                               |
| ATIS - Takeoff                                                     | 1555Z         | 0600KT                               | 10SM                | 31/23                         |
| KTPA                                                               | 0053Z         | 0705KT                               | 10SM                | 31/19                         |
| ATIS - Land                                                        | 2255Z         | 0700KT                               | 10SM                | 31/24                         |
| KMCF                                                               |               |                                      |                     |                               |
| Data Source                                                        | Number        | Data Disposition / Date / Quality    |                     |                               |
| Flight Level Tapes                                                 | 1             | partial tape, tape failed after ~1hr |                     |                               |
| Radar Tapes                                                        | —             |                                      |                     |                               |
| Dropsondes                                                         | 30            | Good: 29                             | Bad: 1              | Sent: 29                      |
| AXBT                                                               | —             |                                      |                     |                               |
| Remarks (Storm Name, Mission ID, Recco Times, Fix Times)           |               |                                      | Recco Times:        | Fix #                         |
|                                                                    |               |                                      |                     | Fix Time                      |
| Storm Name: IKE                                                    |               |                                      |                     |                               |
| Mission ID: NOAA 1009A                                             |               |                                      |                     |                               |

Teal 71?

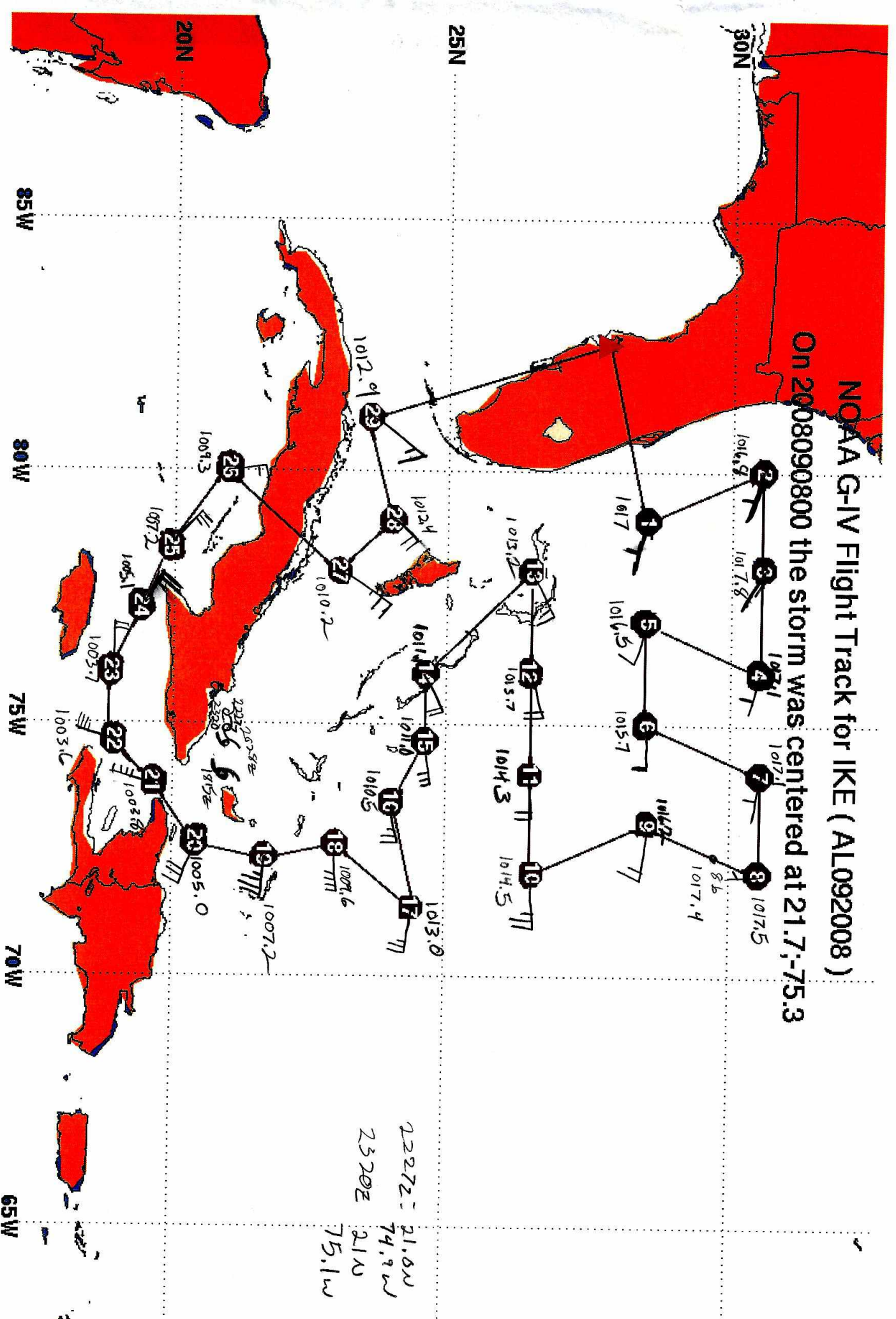
NOAA 2 18Z-20Z

Chris Landsecc 305-479-8657

work 305-229-4446

# NOAA G-IV Flight Track for IKE (AL092008)

On 2008090800 the storm was centered at 21.7;-75.3





# N49RF AOC GPS Dropwindsonde Log

Flight ID: 08090710

Flight Director: ALMEIDA / PARRISH

Mission ID: N04A9 10094

Storm Name: KE

Pg 1 of 1

| Ch. # | Drop # | Sonde ID   | Drop Time (UTC) | Lat (°N) | Lon (°W) | Wx Cond.     | L5/R5 | SFC Pres (mb) | Site Wndst? | Comments        | Ob # | SatComm failures | Sent Time (UTC) |
|-------|--------|------------|-----------------|----------|----------|--------------|-------|---------------|-------------|-----------------|------|------------------|-----------------|
| 1     | 1      | 062839062  | 175739          | 28 33    | 79 06    | ScT CuAsTcu  |       | 1017.3        | 13m         | 0.6mb diff 18.5 | 1    |                  |                 |
| 4     | 2      | 062249035  | 181437          | 30 27    | 79 53    | ScT CuAsTcu  |       | 1016.8        | 15          | 35.6mb wind 18m | 2    |                  |                 |
| 1     | 3      | 062839222  | 182809          | 30 21    | 77 59    | BKN ScAsCs   |       | 1017.8        | 15          | 35.6mb wind 12m | 3    |                  |                 |
| 4     | 4      | 062049110  | 184137          | 30 26    | 76 06    | BKN ScCs     |       | 1017.1        | 15          | 35.6mb wind 10m | 4    |                  |                 |
| 1     | 5      | 062249193  | 185746          | 28 33    | 76 53    | BKN ScCs     |       | 1016.5        | 15          | 35.6mb wind 10m | 5    |                  |                 |
| 4     | 6      | 062259035  | 191147          | 28 34    | 75 00    |              |       | 1015.7        | 15          | 35.6mb wind 10m | 6    |                  |                 |
| 1     | 7      | 062949089  | 193006          | 30 28    | 73 57    |              |       | 1017.1        | 15          | 35.6mb wind 10m | 7    |                  |                 |
| 4     | 8      | 062949038  | 194331          | 30 26    | 72 06    | BKN ScCuTcu  |       | 1017.5        | 15          | 35.6mb wind 10m | 8    |                  |                 |
| 1     | 9      | 062839225  | 195122          | 29 33    | 72 29    | BKN ScAs     |       | 1017.4        | 15          | 35.6mb wind 10m | 9    |                  |                 |
| 4     | 10     | 061449123  | 200151          | 28 21    | 72 55    | ScT ScCs     |       | 1016.2        | 15          | 35.6mb wind 10m | 10   |                  |                 |
| 1     | 11     | 062259046  | 201752          | 26 33    | 72 08    | OVC Cs       |       | 1014.5        | 15          | 35.6mb wind 10m | 11   |                  |                 |
| 4     | 12     | 062249170  | 203146          | 26 32    | 74 01    | OVC Cs, CuSc |       | 1014.3        | 15          | 35.6mb wind 10m | 12   |                  |                 |
| 1     | 13     | 062259040  | 204614          | 26 32    | 76 01    | OVC Cs, CuSc |       | 1013.8        | 15          | 35.6mb wind 10m | 13   |                  |                 |
| 4     | 14     | 062339052  | 205950          | 26 23    | 77 50    | BKN CuCs     |       | 1013.2        | 15          | 35.6mb wind 10m | 14   |                  |                 |
| 1     | 15     | 062259003  | 212012          | 24 38    | 75 56    | OVC ScAsCs   |       | 1011.1        | 15          | 35.6mb wind 10m | 15   |                  |                 |
| 4     | 16     | 061519077  | 213012          | 24 36    | 74 38    |              |       | 1011.0        | 15          | 35.6mb wind 10m | 16   |                  |                 |
| 1     | 17     | 062259007  | 214033          | 24 04    | 73 25    | OVC Cs       |       | 1010.5        | 15          | 35.6mb wind 10m | 17   |                  |                 |
| 4     | 18     | 062249194  | 215616          | 24 20    | 71 23    | OVC Cs       |       | 1013.0        | 15          | 35.6mb wind 10m | 18   |                  |                 |
| 1     | 19     | 062949093  | 221128          | 22 56    | 72 34    | OVC Cs       |       | 1007.6        | 15          | 35.6mb wind 10m | 19   |                  |                 |
| 4     | 20     | 062049157  | 222232          | 21 42    | 72 19    | OVC Cs       |       | 1007.2        | 15          | 35.6mb wind 10m | 20   |                  |                 |
| 1     | 21     | 062249054  | 223358          | 20 24    | 72 38    | OVC Cs       |       | 1005.0        | 15          | 35.6mb wind 10m | 21   |                  |                 |
| 4     | 22     | 062939012  | 224532          | 19 38    | 73 48    | OVC Cs       |       | 1003.8        | 15          | 35.6mb wind 10m | 22   |                  |                 |
| 1     | 23     | 062939007  | 225524          | 18 47    | 74 39    | OVC          |       | 1003.6        | 15          | 35.6mb wind 10m | 23   |                  |                 |
| 4     | 24     | 063019165  | 230538          | 18 44    | 75 58    | OVC          |       | 1003.7        | 15          | 35.6mb wind 10m | 24   |                  |                 |
| 1     | 25     | 062339045  | 231554          | 19 21    | 77 10    | OVC          |       | 1005.1        | 15          | 35.6mb wind 10m | 25   |                  |                 |
| 4     | 26     | 063229059  | 232625          | 19 54    | 78 27    | OVC          |       | 1007.2        | 15          | 35.6mb wind 10m | 26   |                  |                 |
| 1     | 27     | 0622839063 | 234040          | 20 56    | 79 54    | DARK         |       | 1009.3        | 15          | 35.6mb wind 10m | 27   |                  |                 |
| 4     | 28     | 062919009  | 235040          | 23 00    | 78 05    | DARK         |       | 1010.2        | 15          | 35.6mb wind 10m | 28   |                  |                 |
| 1     | 29     | 062889308  | 001423          | 23 57    | 79 02    | DARK         |       | 1012.4        | 15          | 35.6mb wind 10m | 29   |                  |                 |
| 4     | 30     | 062939138  | 002922          | 23 38    | 81 00    | DARK         |       | 1012.9        | 15          | 35.6mb wind 10m | 30   |                  |                 |



# N49RF AVAPS DropSonde Log

Project: Hurr '08 Flight ID: 080907na Flt Dir: Almeida

Mission: Ike Flight #: 3 Status: Sys 1 ☒ Sys 2 ☒ Launcher S/N: 02

| Drop # | Sonde Serial Number | Chn. # | Time (Zulu) | Press. offset | Winds time | Operator Initials | Comments /Status/ Failure Reason | \$ | GOOD <input checked="" type="checkbox"/> |
|--------|---------------------|--------|-------------|---------------|------------|-------------------|----------------------------------|----|------------------------------------------|
| 1      | 062 839 062         | 1      | 1757        | 0             | 17         | DWC               | OK                               | N  | ✓                                        |
| 2      | 062 249 035         | 4      | 1814        |               | 5          |                   | ↓                                |    | ✓                                        |
| 3      | 062 839 223         | 1      | 1828        |               | 12         |                   | ↓                                |    | ✓                                        |
| 4      | 062 049 110         | 4      | 1841        |               | 3          |                   | Reset AVAPS chassis @ FD request |    | ✓                                        |
| 5      | 062 249 193         | 1      | 1857        | ✓             | 5          |                   | OK                               |    | ✓                                        |
| 6      | 062 259 035         | 4      | 1911        | .5            | 2          |                   | ↓                                |    | ✓                                        |
| 7      | 062 949 089         | 1      | 1929        | 0             | 1          |                   | ↓                                |    | ✓                                        |
| 8      | 062 949 038         | 4      | 1943        | .7            | 23         |                   | weak telemetry - lost winds      |    | ✓                                        |
| 9      | 062 839 225         | 1      | 1951        | 0             | 45         |                   | b/v for drop # 8                 |    | ✓                                        |
| 10     | 061 449 123         | 4      | 2007        |               | 10         |                   | OK                               |    | ✓                                        |
| 11     | 062 259 046         | 1      | 2017        |               | 8          |                   |                                  |    | ✓                                        |
| 12     | 062 249 170         | 4      | 2031        |               | 8          |                   |                                  |    | ✓                                        |
| 13     | 062 259 040         | 1      | 2046        |               | 2          |                   |                                  |    | ✓                                        |
| 14     | 062 339 052         | 4      | 2059        |               | 7          |                   |                                  |    | ✓                                        |
| 15     | 063 239 063         | 1      | 2119        |               | 7          |                   |                                  |    | ✓                                        |
| 16     | 061 519 077         | 4      | 2130        |               | 8          |                   |                                  |    | ✓                                        |
| 17     | 062 259 007         | 1      | 2140        |               | 6          |                   |                                  |    | ✓                                        |
| 18     | 062 249 194         | 4      | 2156        |               | 1          |                   |                                  |    | ✓                                        |
| 19     | 062 949 093         | 1      | 2211        |               | 20         |                   |                                  |    | ✓                                        |
| 20     | 062 049 157         | 4      | 2222        |               | 19         |                   |                                  |    | ✓                                        |
| 21     | 062 249 054         | 1      | 2233        |               | 12         |                   |                                  |    | ✓                                        |
| 22     | 063 939 012         | 4      | 2245        |               | 14         |                   |                                  |    | ✓                                        |
| 23     | 062 939 007         | 1      | 2255        |               | 3          |                   |                                  |    | ✓                                        |
| 24     | 063 019 165         | 4      | 2305        |               | 3          |                   |                                  |    | ✓                                        |
| 25     | 062 339 045         | 1      | 2315        |               | 19         |                   |                                  |    | ✓                                        |
| 26     | 063 229 058         | 4      | 2326        |               | 5          |                   |                                  |    | ✓                                        |
| 27     | 062 839 063         | 1      | 2340        |               | 1          |                   |                                  |    | ✓                                        |
| 28     | 062 919 009         | 4      | 0003        |               | 12         |                   |                                  |    | ✓                                        |
| 29     | 062 839 320         | 1      | 0014        |               | 10         |                   |                                  |    | ✓                                        |
| 30     | 062 939 138         | 4      | 0029        | ✓             | 3          | ✓                 | ✓                                | ✓  | ✓                                        |
| 31     |                     |        |             |               |            |                   |                                  |    |                                          |
| 32     |                     |        |             |               |            |                   |                                  |    |                                          |
| 33     |                     |        |             |               |            |                   |                                  |    |                                          |

\$ Codes A = AOC N = NHC/NWS H = HRD OW = NESDIS \_ = \_ = \_

# Aviation Digital Data Service (ADDS)

Output produced by TAFs form (1505 UTC 07 September 2008)  
found at <http://weather.aero/tafs/index.php>

KMCF 071455Z 05011KT 10SM CLR 30/24 A3004 RMK AO2A SLP175 T02980240 53005 \$

KMCF 070808 06005KT 9999 SKC QNH2999INS  
BECMG 1718 33007KT 9999 SCT030 QNH2993INS  
BECMG 2223 07008KT 9999 SKC QNH2993INS T33/09Z T33/18Z AUTOMATED SENSOR METWATCH 0708 TIL 0709

KTPA 071453Z 06007KT 10SM CLR 31/22 A3005 RMK AO2 SLP174 T03060222 53005

KTPA 071120Z 071212 VRB03KT P6SM SKC  
FM1400 04006KT P6SM FEW035 SCT250  
FM1800 32008KT P6SM SCT050 SCT250  
FM0000 01006KT P6SM FEW050 SCT250  
FM0300 05004KT P6SM SCT250  
FM0600 VRB03KT P6SM SCT250

KPIE 071453Z 07005KT 10SM CLR 31/24 A3005 RMK AO2 SLP175 T03060239 53008

KPIE 071120Z 071212 VRB03KT P6SM SKC  
FM1400 04006KT P6SM FEW035 SCT250  
FM2000 34008KT P6SM SCT050 SCT250  
FM0000 01008KT P6SM FEW050 SCT250  
FM0300 05008KT P6SM SCT250  
FM0600 VRB04KT P6SM SCT250

T/O ~1730Z

NE-NW wnds 8-10kt

040 -320

drops 1-13 look good  
some possible shra  
along boundary to develop  
should be above

14-22 Storm environment

w/20-22 poss. roughest?  
depends on mountain effects  
+ wind flow. mtns ~3-6 kt

23-29 should be ok, but  
outer rainband will probably  
kick up the wx, but less  
mtns we should stay above  
it.

Lnd ~0130Z

N wnds ~6-8 kts