

U.S. Dept. of Commerce / NMAO / NOAA / Aircraft Operations Center

|                     |                          |                            |
|---------------------|--------------------------|----------------------------|
| Flt ID: 080906N     | From: TISX               | To: KMCF                   |
| Flt No: —           | Blk In: 0127 Z           | Time On: 0118 Z            |
| ETD: 1730Z          | Blk Out: 1703 Z          | Time Off: 1711 Z           |
| ETE: 8.2            | Blk Time: 8:24 (8.4) Hrs | Flt Time: 8:07 (8.1) Hrs   |
| Sponsoring Org: NHC | Program: Surveillance    | Purpose: W. Ike 07/00Z FIT |

AOC Flight Crew

|                          |                       |
|--------------------------|-----------------------|
| Aircraft Commander: Finn | Data System: Rogers   |
| Co-Pilot: Glower         | AVAPS: Carpenter      |
| Navigator:               | System Eng: Goldstein |
| Flight Eng:              | AA:                   |
| Flight Director: Parrish | AA:                   |
| Avionics: Aspen Almeida  | Crew Chief:           |

Participating Scientists / Visitors

| Name (Last, First)                                         | Activity on Aircraft | Affiliation |
|------------------------------------------------------------|----------------------|-------------|
| 1711Z 21 38N 68 54W 956mb 104kts 7mi south of center       |                      |             |
| 1907Z 21 32N 69 11W 950mb 99kts 13mi SSW FL 125 kt NE Quad |                      |             |
| 2105Z 21 31N 69 31W 949mb 111kts 16mi NW FL 112kts         |                      |             |
|                                                            |                      |             |
|                                                            |                      |             |
|                                                            |                      |             |
|                                                            |                      |             |
|                                                            |                      |             |
|                                                            |                      |             |
|                                                            |                      |             |

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)

Storm Name: IKE  
Mission ID: 0509A

NOTES:

Recco Times

Fix # Fix Time

(See reverse for additional remarks)

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Flight ID: 080906N

Time Off: 1711

Z

Time On:

Z

A/C Takeoff

Wx Station Takeoff

A/C Land

Wx Station Land

Pressure

29.95

29.99

Number

Data Disposition / Date / Quality

Flight Level Tapes

Radar Tapes

Cloud Physics Tapes / CDs

Video Tapes

Dropsondes

Good:

Bad:

AXBT

AXCP

AXCTD

Remarks:

TAKE OFF WEATHER: 1653Z 160/7 30/24 29.95

LANDING WEATHER: 0055Z 280/4 28/24 29.99

# N49RF AOC GPS Dropwindsonde Log

1703 1712

Flight ID: 080906N

Flight Director: PARRISH / ALMEIDA

Mission ID: N04A 9 0509A

Track #: 1KE

Pg \_\_\_ of \_\_\_

LS/R5 25-50 knots  
2101

| Ch. # | Drop # | Sonde ID  | Drop Time (UTC) | Lat (°N) | Lon (°W) | SFC Pts (mb) | Wx Cond.        | Comments         | Ob # | SatComm failures | Sent Time (UTC) |
|-------|--------|-----------|-----------------|----------|----------|--------------|-----------------|------------------|------|------------------|-----------------|
| 1     | 1      | 063017035 | 175737          | 19.448   | 68.94    |              | OVC             | used from 143749 | 01 ✓ |                  | 1827            |
| 2     | 2      | 062919002 | 180744          | 19.885   | 68.02    | 1009.0       | OVC             | LS 5 mile bad    | 02 ✓ |                  | 1838            |
| 1     | 3      | 062919004 | 181314          | 20.917   | 67.00    | 1009.7       | OVC             | LS 5 mile bad    | 03 ✓ |                  | 1848            |
| 4     | 4      | 062919003 | 182936          | 22.195   | 66.98    | 1010.6       | OVC             | LS-5FC winds     | 04 ✓ |                  | 1903            |
| 1     | 5      | 063019027 | 184005          | 23.482   | 67.19    | 1011.9       | OVC             | LS-5FC winds     | 05 ✓ |                  | 1910            |
| 4     | 6      | 062919023 | 185019          | 24.466   | 67.80    | 1013.7       | OVC-SC AS       | CS               | 06   | REMOVED 2000V    | 1929            |
| 1     | 7      | 063019000 | 190706          | 24.045   | 65.50    | 1015.2       | OVC-SC AS       | LS-5FC winds     | 07 ✓ |                  | 1948            |
| 2     | 8      | 062919005 | 192253          | 25.487   | 64.13    | 1016.9       | BKN AS SC       | LS-5FC winds     | 08 ✓ |                  | 1956            |
| 1     | 9      | 062839268 | 194353          | 26.047   | 66.93    | 1015.6       | BKN SC Haze     | LS-5FC winds     | 09 ✓ |                  | 2009            |
| 2     | 10     | 062939028 | 195434          | 26.997   | 65.98    | 1017.0       | BKN SC Trn      | AS (15)          | 10 ✓ |                  | 2023            |
| 1     | 11     | 063019108 | 201247          | 28.021   | 64.01    | 1019.1       | BKN SC Trn Haze | LS-5FC winds     | 11 ✓ |                  | 2039            |
| 4     | 12     | 063019095 | 202912          | 29.878   | 64.08    | 1020.1       | BKN SC Trn      | LS-5FC winds     | 12 ✓ |                  | 2054            |
| 1     | 13     | 063019029 | 204325          | 29.006   | 65.98    | 1018.8       | BKN SC Trn      | LS-5FC winds     | 13 ✓ |                  | 2121            |
| 4     | 14     | 062949060 | 205359          | 28.031   | 67.00    | 1017.3       | BKN SC HZ       | LS-5FC winds     | 14 ✓ |                  | 2131            |
| 1     | 15     | 063019119 | 210422          | 27.128   | 67.98    | 1016.3       | BKN SC HZ       |                  | 15 ✓ |                  | 2139            |
| 4     | 16     | 062959063 | 211436          | 27.934   | 68.99    | 1017.3       | BKN SC HZ       |                  | 16 ✓ |                  | 2148            |
| 1     | 17     | 062949061 | 212417          | 27.010   | 69.93    | 1015.0       | BKN SC HZ       | FAST FALL        |      |                  |                 |
| 3     | 18     | 061329242 | 212601          | 26.791   | 69.90    | 1015.3       | BKN SC HZ       |                  | 17 ✓ |                  | 2200            |
| 1     | 19     | 062049205 | 214603          | 25.144   | 69.34    | 1014.5       | BKN SC Trn      |                  | 18 ✓ |                  | 2210            |
| 3     | 20     | 062919028 | 214854          | 25.110   | 70.54    | 1014.0       | OVC-SC Trn HZ   | LS SW            | 19 ✓ |                  | 2220            |
| 4     | 21     | 062049296 | 220030          | 25.857   | 71.88    | 1015.4       | BKN SC          | LS-5FC winds     | 20 ✓ |                  | 2244            |
| 1     | 22     | 062339036 | 221127          | 24.576   | 71.78    | 1012.3       | OVC-SC Trn      | LS SW            | 21 ✓ |                  | 2253            |
| 4     | 23     | 061329132 | 222249          | 23.535   | 72.57    | 1011.5       | OVC-SC Trn      | LS SW 1000-12    | 22 ✓ |                  | 2311            |
| 1     | 24     | 062339008 | 223234          | 22.247   | 72.86    | 1010.7       | OVC-SC Trn      | NO 5.00          | 23 ✓ |                  | 2318            |
| 4     | 25     | 062259053 | 225040          | 20.247   | 71.26    | 1007.1       | OVC-SC Trn      | LS SW            | 24 ✓ |                  | 2323            |
| 1     | 26     | 062249006 | 230240          | 20.878   | 72.59    | 1009.5       | OVC-SC Trn      |                  | 25 ✓ |                  | 2338            |
| 1     | 27     | 062339103 | 232950          | 23.024   | 74.94    | 1012.8       | DARK            |                  | 26 ✓ |                  | 2354            |
| 4     | 28     | 062049298 | 234608          | 24.985   | 75.00    | 1014.5       | DARK            |                  | 27   |                  | 0009            |
| 1     | 29     | 062259019 | 235944          | 24.973   | 76.90    | 1014.0       | DARK            | LS-5FC winds     | 28   |                  | 0022            |
| 4     | 30     | 062639040 | 001434          | 23.156   | 77.10    | 1013.7       | DARK            |                  | 29   |                  |                 |

# N49RF AOC GPS Dropwindsonde Log

Flight ID: 0809062

Flight Director: Pattish

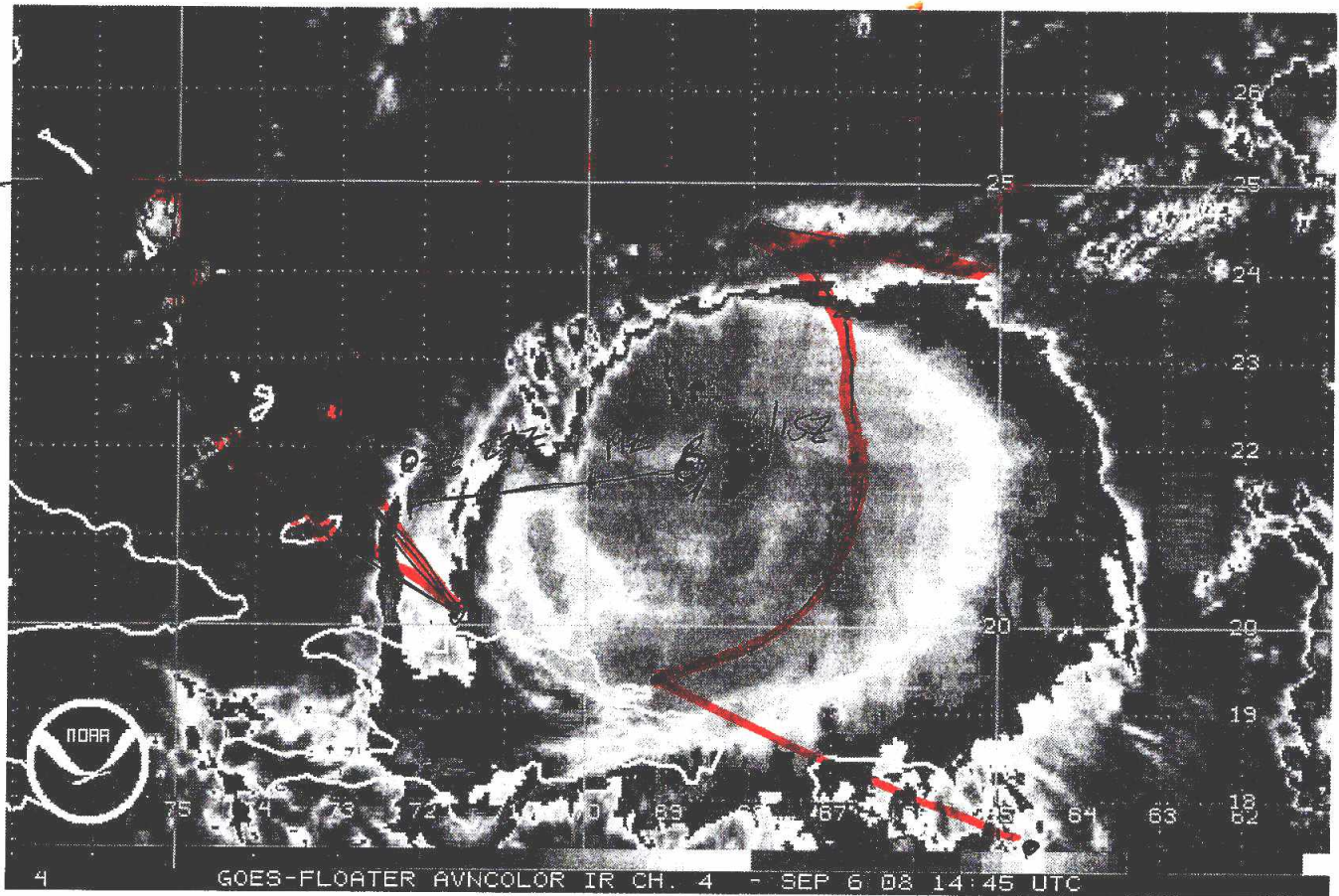
Mission ID: 0509A IKE

Track #: DIA

Pg 1 of 1

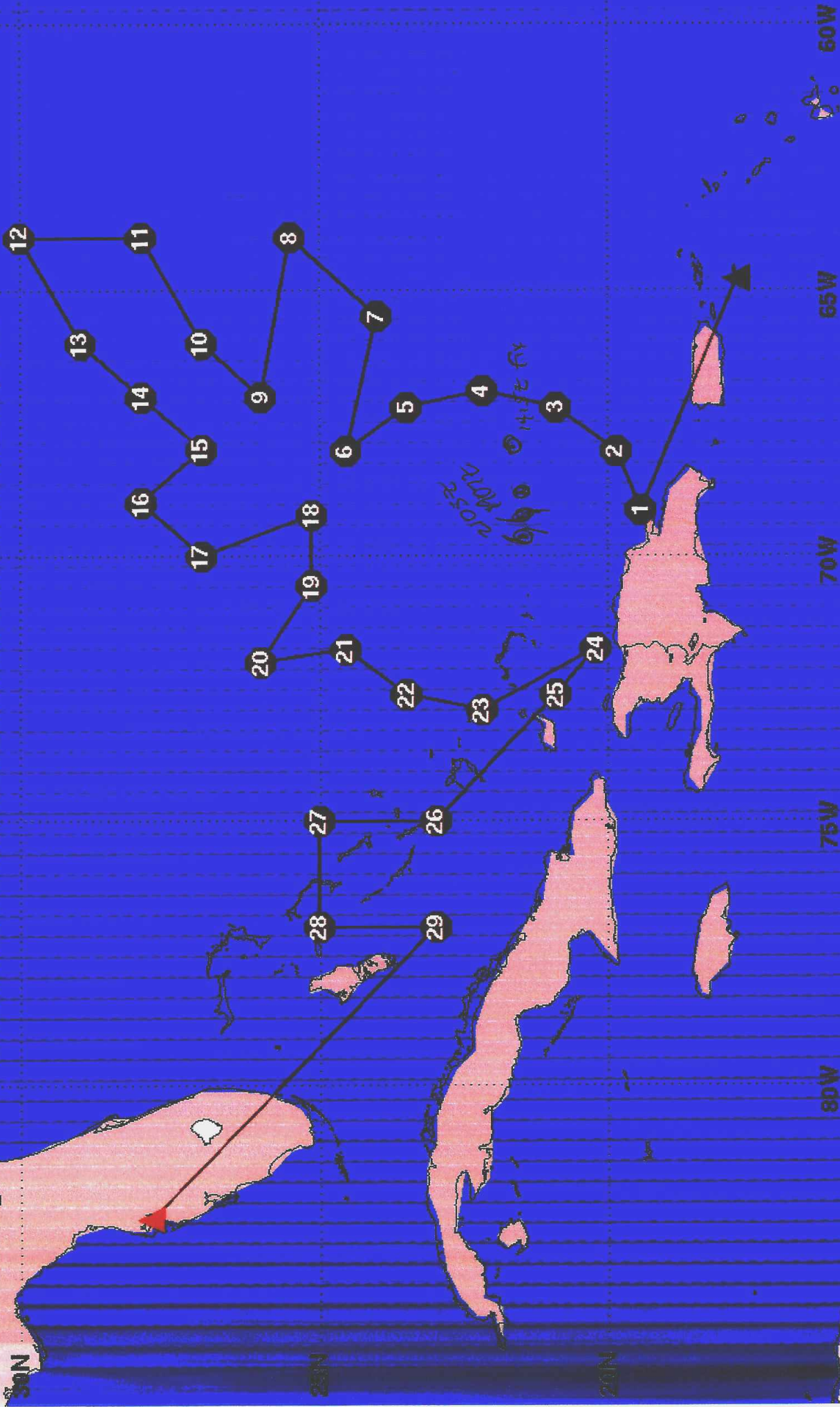
| Ch. # | Drop #    | Sonde ID   | Drop Time (UTC) | Lat (°N) | Lon (°W) | SFC Pts (mb) | Wx Cond.        | Comments          | Ob # | SatComm failures | Sent Time (UTC) |
|-------|-----------|------------|-----------------|----------|----------|--------------|-----------------|-------------------|------|------------------|-----------------|
| 1     | 063019085 | → 1        | 175937          | 19 26.5  | 68 57.5  |              | 1FR             |                   |      |                  |                 |
| 2     | 2         | 0622919002 | 180744          | 19 52    | 68 02    |              | 1FR             |                   |      |                  |                 |
| 1     | 3         | 0622919004 | 181914          | 20 56    | 67 01    |              | 1FR             | ECF at 1900h      |      |                  |                 |
| 4     | 4         | 0622929003 | 182936          | 22 12    | 66 54    |              | 1FR             | Lost 10-15 300h   |      |                  |                 |
| 5     | 5         | 063019027  | 184005          | 23 30    | 67 12    |              | Type of clouds  |                   |      |                  |                 |
| 6     | 6         |            | 185019          | 24 29    | 67 49    |              | "               | Have top of fm 25 |      |                  |                 |
| 7     | 7         | 063019080  | 190706          | 24 03    | 65 31    |              | Above clouds    |                   |      |                  |                 |
| 8     | 8         |            | 192255          | 25 29    | 64 09    |              | Clr, set to 600 |                   |      |                  |                 |
| 9     | 9         | 062839268  | 194353          | 26 04    | 66 52    |              | "               | Have top of fm 25 |      |                  |                 |
| 2     | 10        | 062839128  | 195434          | 27 00    | 66 00    |              | "               |                   |      |                  |                 |
| 1     | 11        | 063019108  | 201247          | 28 03    | 64 02    |              | Clr, 600 h      |                   |      |                  |                 |
| 4     | 12        | 063019095  | 202912          | 29 54    | 64 06    |              | "               |                   |      |                  |                 |
| 1     | 13        | 063019029  | 204325          | 29 00    | 66 00    |              | "               |                   |      |                  |                 |
| 4     | 14        | 062949060  | 205359          | 28 00    | 67 01    |              | Set             |                   |      |                  |                 |
| 1     | 15        | 063019119  | 210422          | 27 06    | 68 00    |              | Set             |                   |      |                  |                 |
| 4     | 16        | 062859063  | 211436          | 27 54    | 69 00    |              | Set             |                   |      |                  |                 |
| 1     | 17        | 062859063  | 212417          | 26 53    | 69 57    |              | "               | FA50 Fall         |      |                  |                 |
| 3     | 17A       | 061329242  | 212601          | 26 47    | 69 55    |              | "               | #17 Backup        |      |                  |                 |
| 1     | 18        | 062049205  | 214003          | 25 09    | 69 21    |              | BKN             |                   |      |                  |                 |
| 3     | 19        | 062919028  | 214854          | 25 08    | 70 35    |              | over cirrus     |                   |      |                  |                 |
| 4     | 20        | 062049296  | 220030          | 25 02    | 71 54    |              | Set             |                   |      |                  |                 |
| 1     | 21        | 062339036  | 221127          | 24 33    | 71 48    |              | Partly V        |                   |      |                  |                 |
| 4     | 22        | 061329132  | 222149          | 23 30    | 72 36    |              | Partly          |                   |      |                  |                 |
| 1     | 23        | 062339008  | 223234          | 22 10    | 72 52    |              | CDR on our left |                   |      |                  |                 |
| 4     | 24        | 062259053  | 225040          | 20 14    | 71 46    |              | Above CDO       |                   |      |                  |                 |
| 1     | 25        | 062249006  | 230240          | 20 54    | 72 36    |              | Above CDO       |                   |      |                  |                 |
| 1     | 26        | 062339103  | 232850          | 23 01    | 74 58    |              | Set to 600      |                   |      |                  |                 |
| 4     | 27        | 062049298  | 234608          | 24 57    | 75 05    |              | Dark            |                   |      |                  |                 |
| 1     | 28        | 062259019  | 235944          | 24 56    | 76 56    |              | "               |                   |      |                  |                 |
| 4     | 29        | 062839040  | 001434          | 23 09    | 77 05    |              | "               |                   |      |                  |                 |

813 828 2321



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

On 2008090700 the storm was centered at 22.2;-69.9



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

On 2008090700 the storm was centered at 22.2-69.9

