

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

|                      |                            |                            |
|----------------------|----------------------------|----------------------------|
| FLT ID: 060830N1     | From: KMCF                 | To: KMCF                   |
| Flt No: 06 - 096     | In: 1421 Z                 | On: 1412 Z                 |
| ETD: 062 Z           | Out: 0546                  | Off: 0557                  |
| ETE: 8 + 30          | Blk Time: 8 + 35 (8.6) Hrs | Flt Time: 8 + 15 (8.3) Hrs |
| Sponsoring Org: NITC | Program: Surveillance      | Purpose: TS Ernesto        |

AOC Flight Crew

|                            |                       |
|----------------------------|-----------------------|
| Aircraft Commander: Finke  | Data System: Aoles    |
| Co-Pilot: Hagan / Odell    | AVAPS: Rogers         |
| Navigator: /               | System Engineer: Tong |
| Flight Eng: /              | AA:                   |
| Flight Director: Parrish / | AA:                   |
| Avionics:                  | Crew Chief:           |

Participating Scientists / Visitors

| Name (Last, First) | Activity on Aircraft | Affiliation |
|--------------------|----------------------|-------------|
| Gohlberg, Stanley  | Aspen                | HRP         |
|                    |                      |             |
|                    |                      |             |
|                    |                      |             |
|                    |                      |             |
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|                    |                      |             |
|                    |                      |             |
|                    |                      |             |
|                    |                      |             |

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

Storm Name: Ernesto      Reasted AWP once.      26 drops

Mission ID: 1905A      25 gals

One fast fall at top.

## U.S. DEPT OF COMMERCE / NMAO / NOAA / AIRCRAFT OPERATIONS CENTER

FLT ID: 06083021 TIME OFF: 0557 Z TIME ON: 1412 Z

A/C - Takeoff WX Station - Takeoff A/C - Land WX Station - Land

Pressure Calm 1009.1 360/4

ATIS - Takeoff

ATIS - Land

Data Source Number Data Disposition / Date / Quality

Flight Level Tapes

Radar Tapes

Cloud Physics Tapes / Cds

Video Tapes

Dropsondes 26 Good: 25 Bad: 1 Total: Fast fall at top - slow down low.

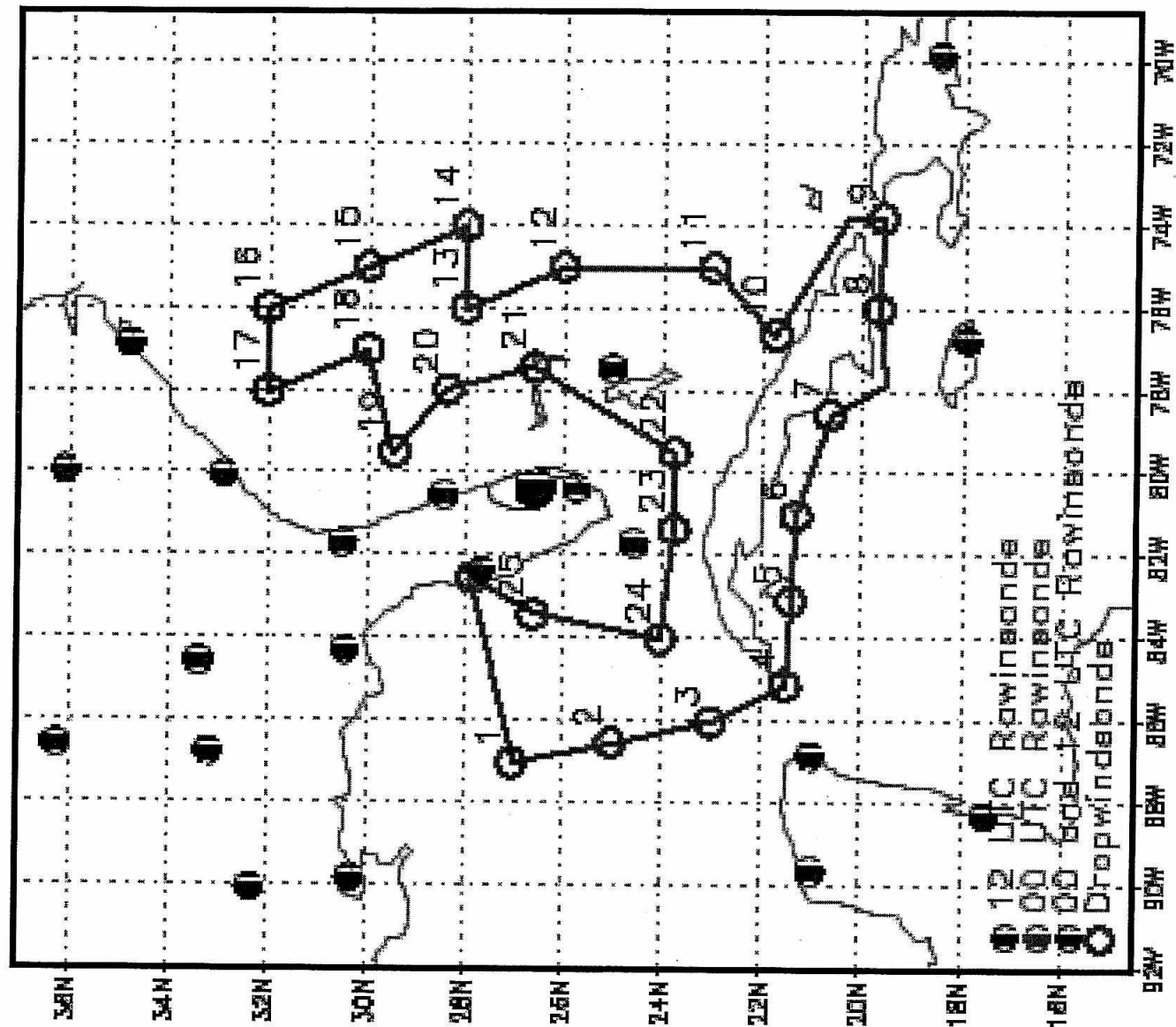
AXB T

AXCP

AXCTD

SONOBUOY

REMARKS:



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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: ERNESTO

NOAA/AOML/Hurricane Research Division: August 28, 2006 2:25:03 PM  
 Aircraft: N49RF Proposed takeoff: 30/0600Z

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TURN LOCATIONS

| #  | LAT<br>(d m) | LON<br>(d m) | LEG<br>(nm) | TOTAL<br>(nm) | TIME<br>(h:mm) |
|----|--------------|--------------|-------------|---------------|----------------|
| 0  | 27 51        | -82 31       | 0.          | 0.            | 0:00           |
| 1  | 27 00        | -87 00       | 258.        | 258.          | 0:35           |
| 2  | 23 00        | -86 00       | 246.        | 505.          | 1:09           |
| 3  | 21 30        | -85 06       | 103.        | 608.          | 1:23           |
| 4  | 21 18        | -81 00       | 237.        | 846.          | 1:55           |
| 5  | 20 38        | -78 33       | 147.        | 994.          | 2:16           |
| 6  | 19 30        | -77 48       | 80.         | 1075.         | 2:27           |
| 7  | 19 40        | -75 59       | 106.        | 1181.         | 2:41           |
| 8  | 19 36        | -73 47       | 128.        | 1309.         | 2:59           |
| 9  | 20 18        | -73 48       | 41.         | 1351.         | 3:04           |
| 10 | 21 44        | -76 37       | 184.        | 1535.         | 3:29           |
| 11 | 23 00        | -75 00       | 119.        | 1655.         | 3:46           |
| 12 | 26 00        | -75 00       | 180.        | 1835.         | 4:10           |
| 13 | 28 00        | -76 00       | 132.        | 1968.         | 4:28           |
| 14 | 28 00        | -74 00       | 112.        | 2081.         | 4:44           |
| 15 | 32 00        | -76 00       | 264.        | 2345.         | 5:20           |
| 16 | 32 00        | -78 00       | 110.        | 2456.         | 5:35           |
| 17 | 30 00        | -77 00       | 132.        | 2588.         | 5:53           |
| 18 | 29 27        | -79 28       | 142.        | 2730.         | 6:12           |
| 19 | 28 22        | -77 58       | 106.        | 2837.         | 6:27           |
| 20 | 26 36        | -77 24       | 110.        | 2948.         | 6:42           |
| 21 | 23 45        | -79 28       | 208.        | 3156.         | 7:10           |
| 22 | 23 45        | -81 20       | 106.        | 3262.         | 7:25           |
| 23 | 24 00        | -84 00       | 154.        | 3416.         | 7:46           |
| 24 | 26 36        | -83 24       | 159.        | 3576.         | 8:08           |
| 25 | 27 51        | -82 31       | 90.         | 3666.         | 8:20           |

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: ERNESTO

NOAA/AOML/Hurricane Research Division: August 28, 2006 2:25:03 PM  
Aircraft: N49RF Proposed takeoff: 30/0600Z

DROP LOCATIONS

| #             | LAT<br>(d m) | LON<br>(d m) | TIME<br>(h:mm) |             |        |        |
|---------------|--------------|--------------|----------------|-------------|--------|--------|
| 1             | 27 00        | -87 00       | 0:35           | 061 519 128 | 063339 | 1011   |
| 2             | 25 00        | -86 30       | 0:52           | 053 716 085 | 065036 |        |
| 3             | 23 00        | -86 00       | 1:09           | 061 449 001 | 070729 |        |
| 4             | 21 30        | -85 06       | 1:23           | 053 716 321 | 072110 |        |
| 5             | 21 24        | -83 03       | 1:39           | 053 166 056 | 073635 | 1010   |
| 6             | 21 18        | -81 00       | 1:55           | 053 716 332 | 075252 |        |
| 7             | 20 38        | -78 33       | 2:16           | 053 116 118 | 081331 | 1011   |
| <del>08</del> | 19 40        | -75 59       | 2:41           | 061 449 103 | 083921 | 1011   |
| <del>09</del> | 19 36        | -73 47       | 2:59           | 053 716 044 | 085706 | 1011   |
| <del>10</del> | 21 44        | -76 37       | 3:29           | 061 239 020 | 092622 | 1011   |
| <del>11</del> | 23 00        | -75 00       | 3:46           | 061 239 012 | 094301 |        |
| <del>12</del> | 26 00        | -75 00       | 4:10           | 053 716 325 | 100843 |        |
| <del>13</del> | 28 00        | -76 00       | 4:28           | 061 239 016 | 102558 | 1012.5 |
| <del>14</del> | 28 00        | -74 00       | 4:44           | 053 716 039 | 104029 | 1014   |
| <del>15</del> | 30 00        | -75 00       | 5:02           | 061 229 162 | 105916 |        |
| <del>16</del> | 32 00        | -76 00       | 5:20           | 053 716 348 | 111513 |        |
| <del>17</del> | 32 00        | -78 00       | 5:35           | 053 716 351 | 112929 | 1012.5 |
| <del>18</del> | 30 00        | -77 00       | 5:53           | 053 716 050 | 114557 |        |
| <del>19</del> | 29 27        | -79 28       | 6:12           | 053 716 043 | 120402 |        |
| <del>20</del> | 28 22        | -77 58       | 6:27           | 053 716 327 | 121652 |        |
| <del>21</del> | 26 36        | -77 24       | 6:42           | 053 716 083 | 123149 |        |
| <del>22</del> | 23 45        | -79 28       | 7:10           | 061 239 013 | 125846 | 1012   |
| <del>23</del> | 23 45        | -81 20       | 7:25           | 053 716 324 | 131215 |        |
| <del>24</del> | 24 00        | -84 00       | 7:46           | 053 716 347 | 133218 | 1011   |
| <del>25</del> | 26 36        | -83 24       | 8:08           | 053 716 048 | 134833 |        |

053 716 048  
090325 1011.5