FLIGHT SUMMARY REPORT

Flight Number: 03-921/9021

Calendar/Julian Date: 10 December 2002 • 344

Sensor Package: Wild-Heerbrugg RC-10
MODIS Airborne Simulator (MAS)
Cloud Physics Lidar (CPL)
High Resolution Interferometer Sounder (S-HIS)
Video Imaging System (VIS)
Mini Video Imaging System (MVIS)

Area(s) Covered: Gulf of Mexico

Investigator(s): Menzel, CIMSS/U. of Wisconsin

Aircraft #: 809

SENSOR DATA

Accession #: 05739

Sensor ID #: 031 108 137 083 118 136

Sensor Type: RC-10 MAS CPL S-HIS VIS MVIS

Focal Length: 153.05 mm 6”

Film Type: Panatomic X
Aerographic II, EK2412

Filtration: Wratten 12 + 2.2 AV

Spectral Band: 510-700 nm

f-Stop: 5.6

Shutter Speed: 1/200

# of Frames: 19

% Overlap: 60

Quality: Excellent

Remarks: Subtract 28 seconds for correct UTC
MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 10 Dec 2002
NASA FLIGHT NUMBER 03-921

<p>| FLTL | TIME   | LAT    | LON    | SOLAR | TIME   | LAT    | LON    | SOLAR | SCAN  | HEAD | ALT  |
|------|--------|--------|--------|-------|--------|--------|--------|-------|-------|------|------|------|</p>
<table>
<thead>
<tr>
<th></th>
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<th>DEG</th>
<th>DEG</th>
<th>ZEN</th>
<th>AZIM</th>
<th>HH:MM:SS</th>
<th>DEG</th>
<th>DEG</th>
<th>ZEN</th>
<th>AZIM</th>
<th>LINES</th>
<th>DEG</th>
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NUMBER OF FILES FOR THIS FLIGHT = 6
TOTAL NUMBER OF SCAN LINES = 33939
DATE THESE FILES WERE PROCESSED = 10-Feb-2003
DATE THIS LIST WAS CREATED = Mon Feb 10 17:17:25 PST 2003
GRANULE VERSION = 1
CAMERA FLIGHT LINE DATA
FLIGHT NO. 03-9021 / 03-921

Accession # 05739
Sensor # 031

<table>
<thead>
<tr>
<th>Check Points</th>
<th>Frame Numbers</th>
<th>Time (GMT-hr, min, sec)</th>
<th>Altitude, MSL feet/meters</th>
<th>Cloud Cover/Remarks</th>
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