

## FLIGHT SUMMARY REPORT

**Flight Number:** 01-050  
**Calendar/Julian Date:** 16 March 2001 • 075  
**Sensor Package:** Dual Wild-Heerbrugg RC-10  
 High-Resolution Interferometer Sounder (HIS)  
 Modis Airborne Simulator (MAS)  
 Video Imaging System (VIS)  
**Area(s) Covered:** Gulf of Mexico/San Antonio, TX  
**Investigator(s):** Moeller, CIMSS **Aircraft #:** 806

### SENSOR DATA

<b>Accession #:</b>	05586	05587	----	----	----
<b>Sensor ID #:</b>	034	039	083	108	118
<b>Sensor Type:</b>	RC-10	HR-732	Scanning HIS	MAS50	VIS
<b>Focal Length:</b>	12" 304.66 mm	12" 304.97 mm	----	----	----
<b>Film Type:</b>	Aerochrome IR SO-134	Panatomic X Aerographic II EK-3412	----	----	----
<b>Filtration:</b>	Wratten 12	Wratten 12	----	----	----
<b>Spectral Band:</b>	510-900nm	510-700nm	----	----	----
<b>f Stop:</b>	11	8	----	----	----
<b>Shutter Speed:</b>	1/325	1/325	----	----	----
<b># of Frames:</b>	12	12	----	----	----
<b>% Overlap:</b>	60	60	----	----	----
<b>Quality:</b>	Good	Excellent	----		
<b>Remarks:</b>	Subtract 5 seconds for correct time	Subtract 17 seconds for correct time			

**CAMERA FLIGHT LINE DATA**  
**FLIGHT NO. 01-050**

Accession # 05586

Sensor # 034

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	7437-7441	20:48:47	20:50:10	66800/20370	Clear
C - D	7442-7448	20:57:38	21:00:02	66300/20210	10-20% cirrus, frames 7446-7447

**CAMERA FLIGHT LINE DATA**  
**FLIGHT NO. 01-050**

Accession # 05587

Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4782-4786	20:49:01	20:50:49	66900/20400	Clear
C - D	4787-4793	20:57:55	21:00:16	66300/20210	10-20% cirrus, frames 4791-4792

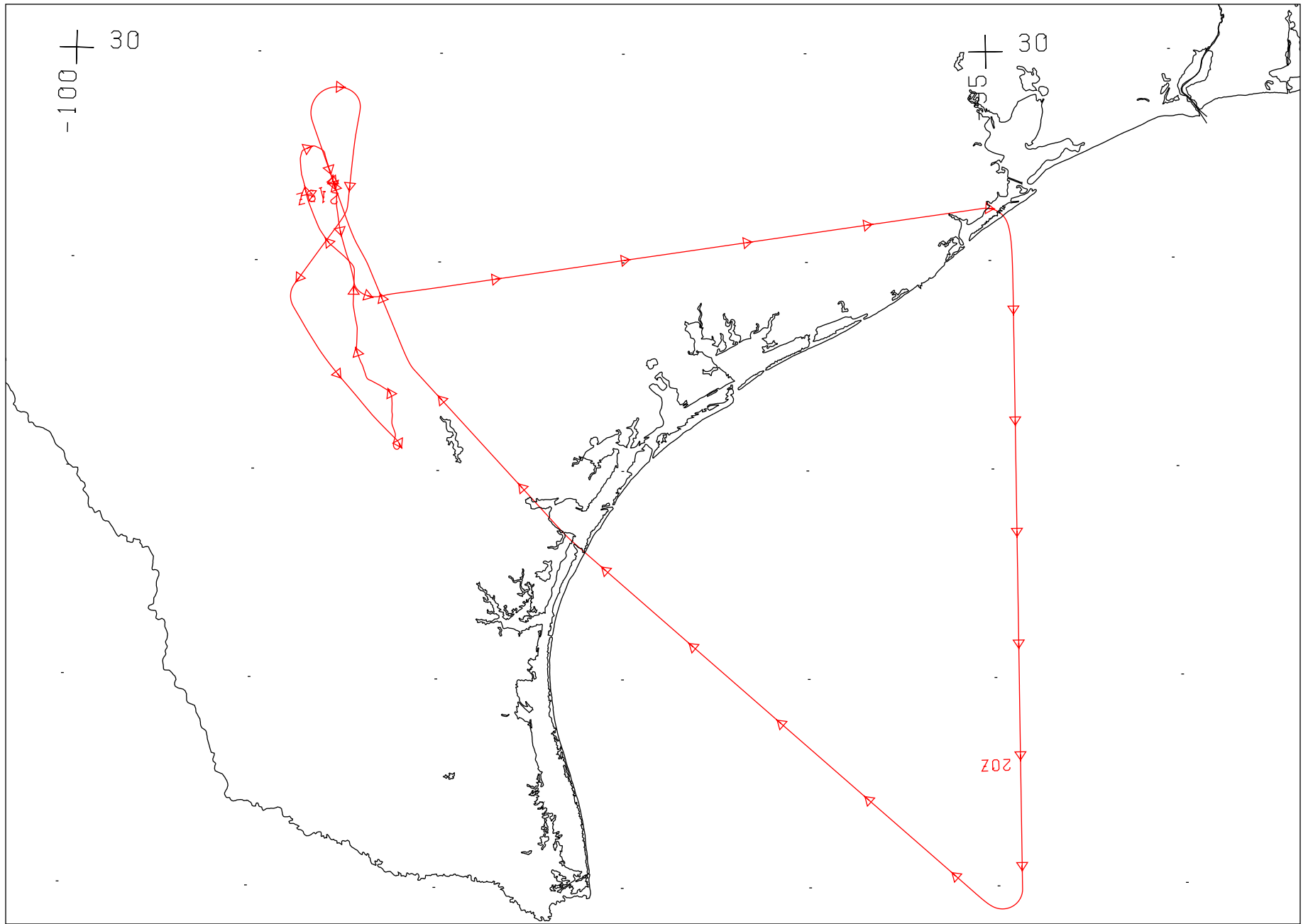
MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 16 Mar 2001  
 NASA FLIGHT NUMBER 01-050

START OF FLIGHT LINE

END OF FLIGHT LINE

LINE	START OF FLIGHT LINE						END OF FLIGHT LINE					
	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR		START HEADING	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR		SCAN LINES
1	19:21:49	29.044	-96.739	108.5	279.0	86.59	19:34:38	29.053	-96.665	108.6	279.1	4634
2	19:35:52	29.190	-94.899	111.5	281.0	159.95	20:02:39	29.176	-94.893	111.5	281.0	9999
3	20:02:39	26.324	-94.868	117.9	283.4	182.35	20:05:51	26.310	-94.868	117.9	283.5	1191
4	20:07:43	25.900	-95.027	119.0	284.0	295.16	20:34:30	25.908	-95.042	119.1	284.0	9999
5	20:34:30	27.904	-97.520	124.2	289.3	315.64	20:41:24	27.915	-97.531	124.2	289.3	2577
6	20:41:31	28.492	-98.135	125.4	290.8	318.65	20:52:33	28.506	-98.146	125.5	290.9	4120
7	20:56:01	29.739	-98.437	127.9	294.3	185.15	21:00:30	29.724	-98.438	127.9	294.3	1674

NUMBER OF FILES FOR THIS FLIGHT = 7  
 TOTAL NUMBER OF SCAN LINES = 34194  
 DATE THESE FILES WERE PROCESSED = 06-Dec-2001  
 DATE THIS LIST WAS CREATED = Fri Dec 7 08:45:54 PST 2001  
 GRANULE VERSION = 1



FLIGHT 01-050

16 MARCH 2001

A/C 806

MAS50 / DUAL RC-10 / VIS / SCANNING HIS

