

FLIGHT SUMMARY REPORT

Flight Number: 03-922/9022

Calendar/Julian Date: 11 December 2002 • 345

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 #:	05740	—	—	—	—	—
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:	1/225	—	—	—	—	—
# of Frames:	13	—	—	—	—	—
% Overlap:	60	—	—	—	—	—
Quality:	Excellent	—	—	—	—	—
Remarks:	Subtract 29 seconds for correct UTC					

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 11 Dec 2002
 NASA FLIGHT NUMBER 03-922

START OF FLIGHT LINE

END OF FLIGHT LINE

FLIGHT DATA

FLTL	START OF FLIGHT LINE					END OF FLIGHT LINE					FLIGHT DATA		
	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		SCAN LINES	HEAD DEG	ALT M (MSL)
1	17:26:26	29.701	-95.646	54.0	165.8	17:42:09	29.771	-93.520	53.1	172.6	5871	90.3	19461
2	17:42:24	29.768	-93.486	53.1	172.8	17:51:42	29.521	-92.274	52.6	176.8	3474	104.7	19967
3	17:53:06	29.586	-92.117	52.6	177.4	18:07:06	31.101	-91.235	54.1	182.4	5236	26.7	19908
4	18:09:15	31.119	-91.003	54.2	183.3	18:36:01	28.308	-90.263	52.3	192.1	9999	172.4	19914
5	18:36:01	28.308	-90.263	52.3	192.1	18:48:32	26.996	-89.933	51.7	196.2	4672	171.3	19909
6	19:05:07	26.889	-89.903	52.8	200.9	19:31:52	29.847	-90.659	57.6	206.2	9999	343.6	20001
7	19:31:52	29.847	-90.659	57.6	206.2	19:42:11	31.003	-90.966	59.5	208.1	3854	341.9	19900
8	19:43:58	31.003	-91.114	59.7	208.4	19:57:56	29.789	-91.952	59.7	211.2	5222	213.3	19968
9	19:58:08	29.771	-91.963	59.8	211.3	20:00:20	29.563	-92.066	59.8	211.8	825	206.0	19953
10	20:02:09	29.515	-92.257	59.9	212.0	20:04:25	29.575	-92.530	60.0	212.3	851	280.6	20016
11	20:04:58	29.571	-92.594	60.1	212.3	20:12:39	29.286	-93.423	60.4	213.4	2872	246.7	19969
12	20:12:39	29.286	-93.424	60.4	213.4	20:39:25	28.294	-96.350	61.4	217.0	9999	248.2	19880
13	20:39:25	28.294	-96.350	61.4	217.0	20:47:28	27.989	-97.205	61.8	218.1	3009	248.4	19927

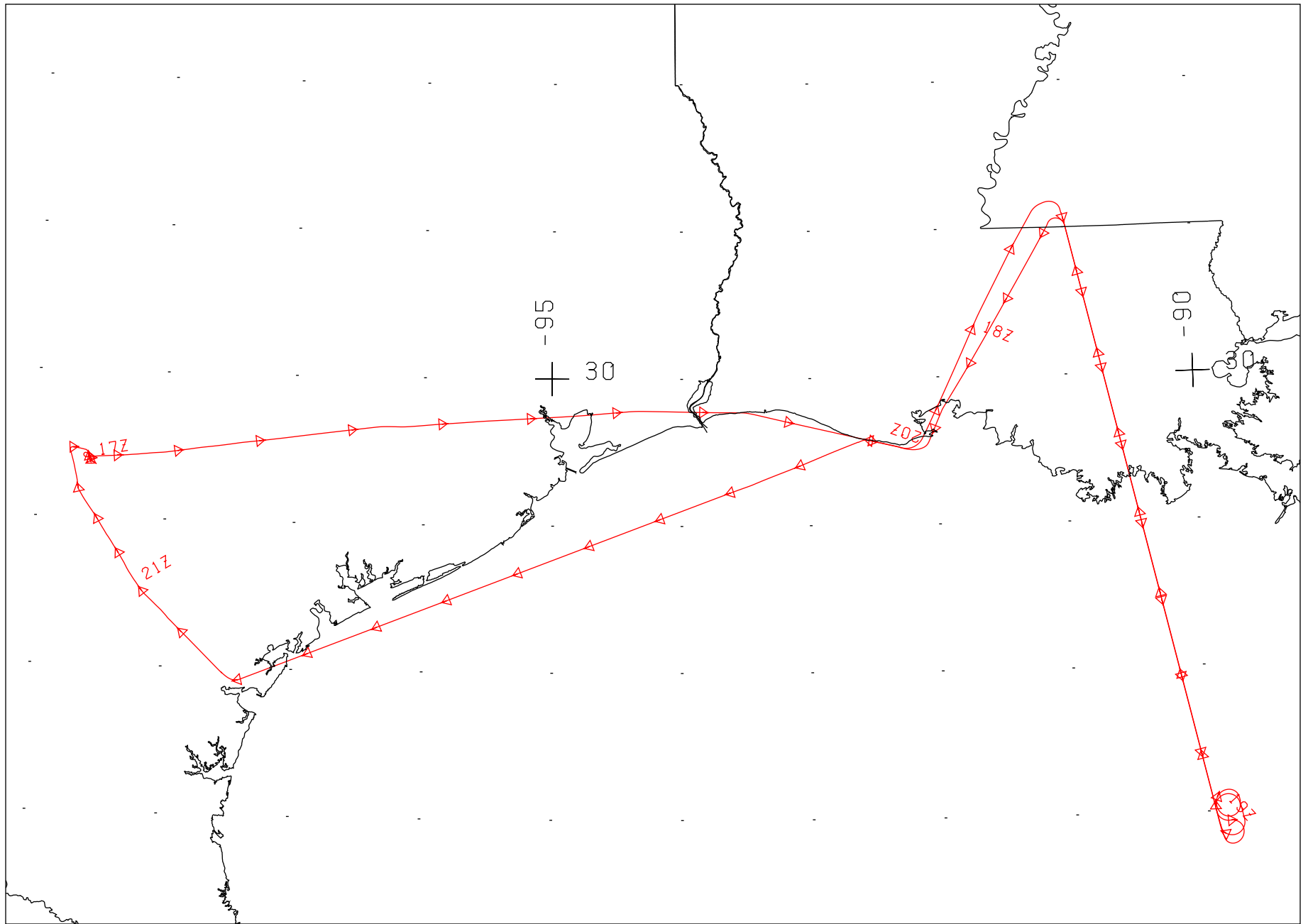
NUMBER OF FILES FOR THIS FLIGHT = 13
 TOTAL NUMBER OF SCAN LINES = 65883
 DATE THESE FILES WERE PROCESSED = 07-Feb-2003
 DATE THIS LIST WAS CREATED = Mon Feb 10 08:40:54 PST 2003
 GRANULE VERSION = 1

CAMERA FLIGHT LINE DATA
FLIGHT NO. 03-9022 / 03-922

Accession # 05740

Sensor # 031

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	1562-1574	19:10:32	19:21:29	65500/19970	100% cumulus and cirrus

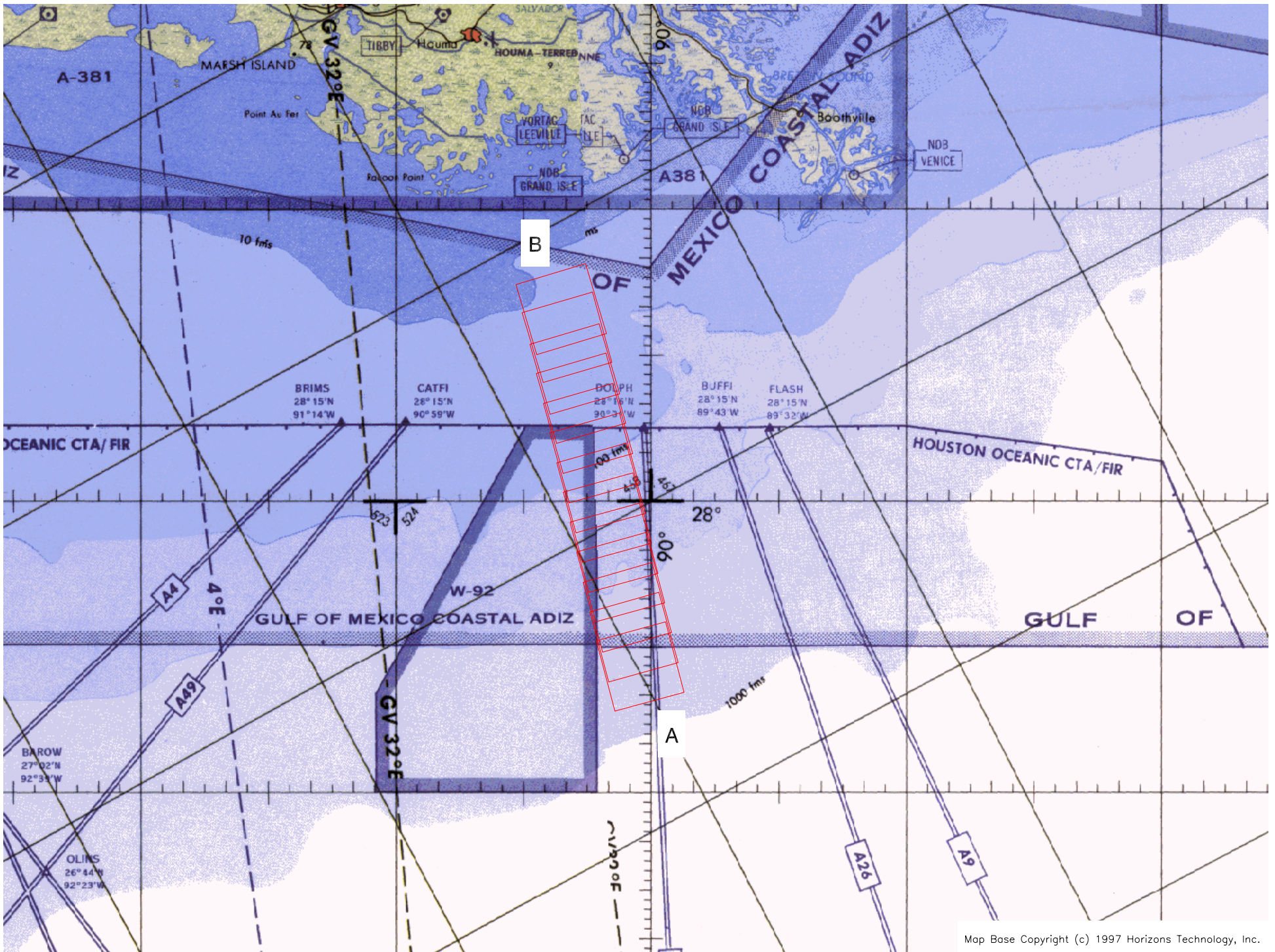


FLIGHT 03-9022 / 03-922

11 DECEMBER 2002

A/C 809

MAS / CPL / SCANNIN HIS / VIS / MVIS / RC-10



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