FLIGHT SUMMARY REPORT

Flight Number: 03-917/9017

Calendar/Julian Date: 27 November 2002 • 331

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

Area(s) Covered: Central Texas

Investigator(s): Menzel, CIMSS/U. of Wisconsin **Aircraft #:** 809

SENSOR DATA – Page 1/2

Accession #:	05735	___	___	___
Sensor ID #:	031	108	083	137
Sensor Type:	RC-10	MAS50	S-HIS	CPL
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:	7	___	___	___
% Overlap:	60	___	___	___
Quality:	Poor	___	___	___
Remarks:	Subtract 19 seconds for correct UTC			

FLIGHT SUMMARY REPORT

SENSOR DATA – Page 2/2
Flight #03-917/9017

Accession #:	___	___
Sensor ID #:	118	136
Sensor Type:	VIS	MVIS
Focal Length:	___	___
Film Type:	___	___
Filtration:	___	___
Spectral Band:	___	___
f-Stop:	___	___
Shutter Speed:	___	___
# of Frames:	___	___
% Overlap:	___	___
Quality:	___	___

Remarks:

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 27 Nov 2002
NASA FLIGHT NUMBER 03-917

	START OF FLIGHT LINE					END OF FLIGHT LINE					FLIGHT DATA		
FLTL	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	SCAN LINES	HEAD DEG	ALT M (MSL)
1	16:28:39	30.403	-100.625	59.3	146.6	16:34:20	30.508	-101.295	59.0	147.3	2127	278.7	19733
2	16:37:30	30.340	-101.244	58.5	148.1	16:39:27	30.421	-100.993	58.2	148.8	726	70.6	19824
3	16:40:42	30.545	-100.923	58.2	149.2	17:07:59	33.588	-100.101	58.0	157.7	10192	10.4	19786
4	17:13:21	33.722	-100.064	57.7	159.2	17:40:07	30.880	-100.835	53.5	165.0	9999	197.3	19713
5	17:40:07	30.880	-100.835	53.5	165.0	17:43:05	30.575	-100.915	53.0	165.7	1110	197.9	19703

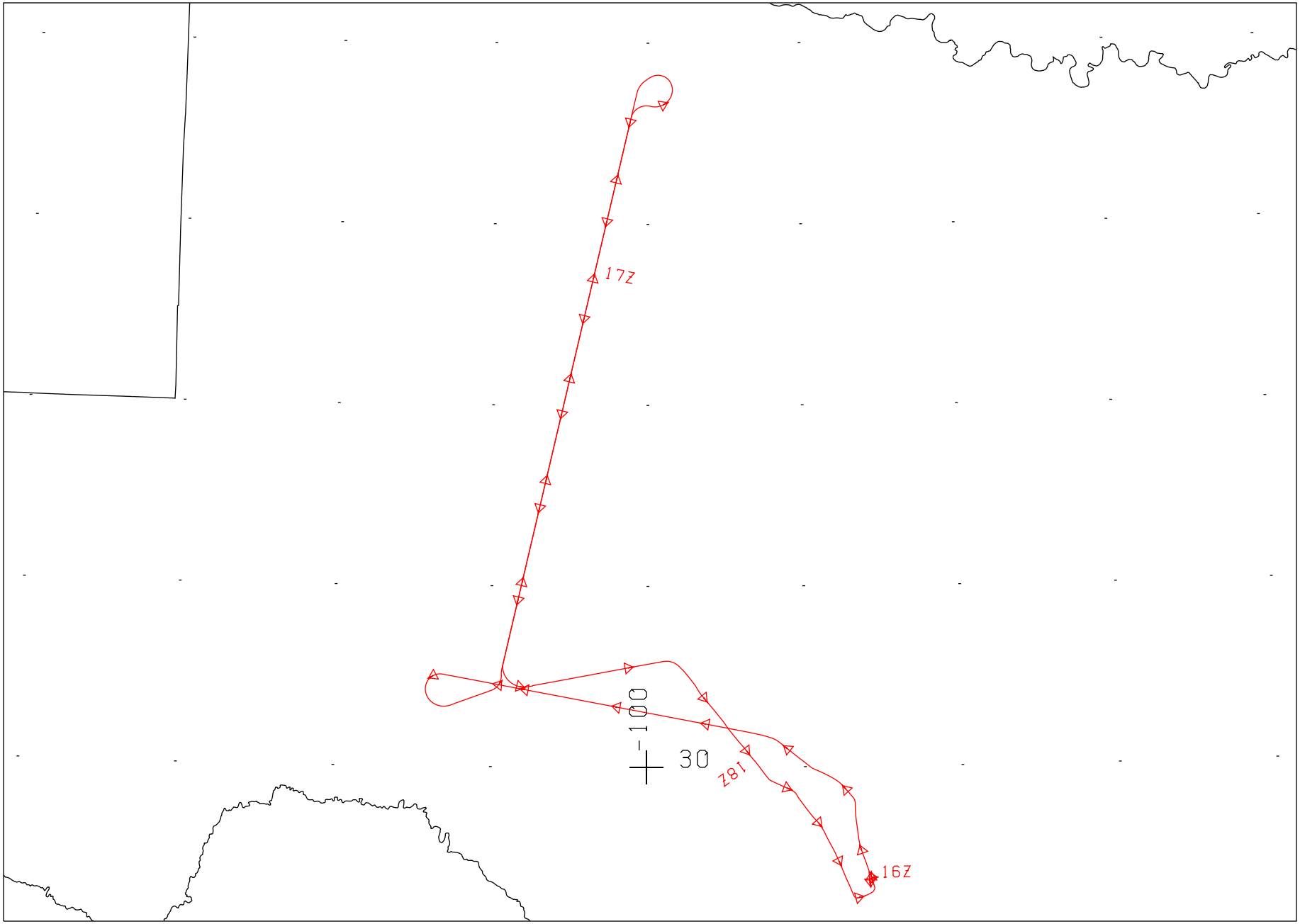
NUMBER OF FILES FOR THIS FLIGHT = 5
TOTAL NUMBER OF SCAN LINES = 24154
DATE THESE FILES WERE PROCESSED = 03-Feb-2003
DATE THIS LIST WAS CREATED = Tue Feb 4 12:59:10 PST 2003
GRANULE VERSION = 1

CAMERA FLIGHT LINE DATA
FLIGHT NO. 03-9017 / 03-917

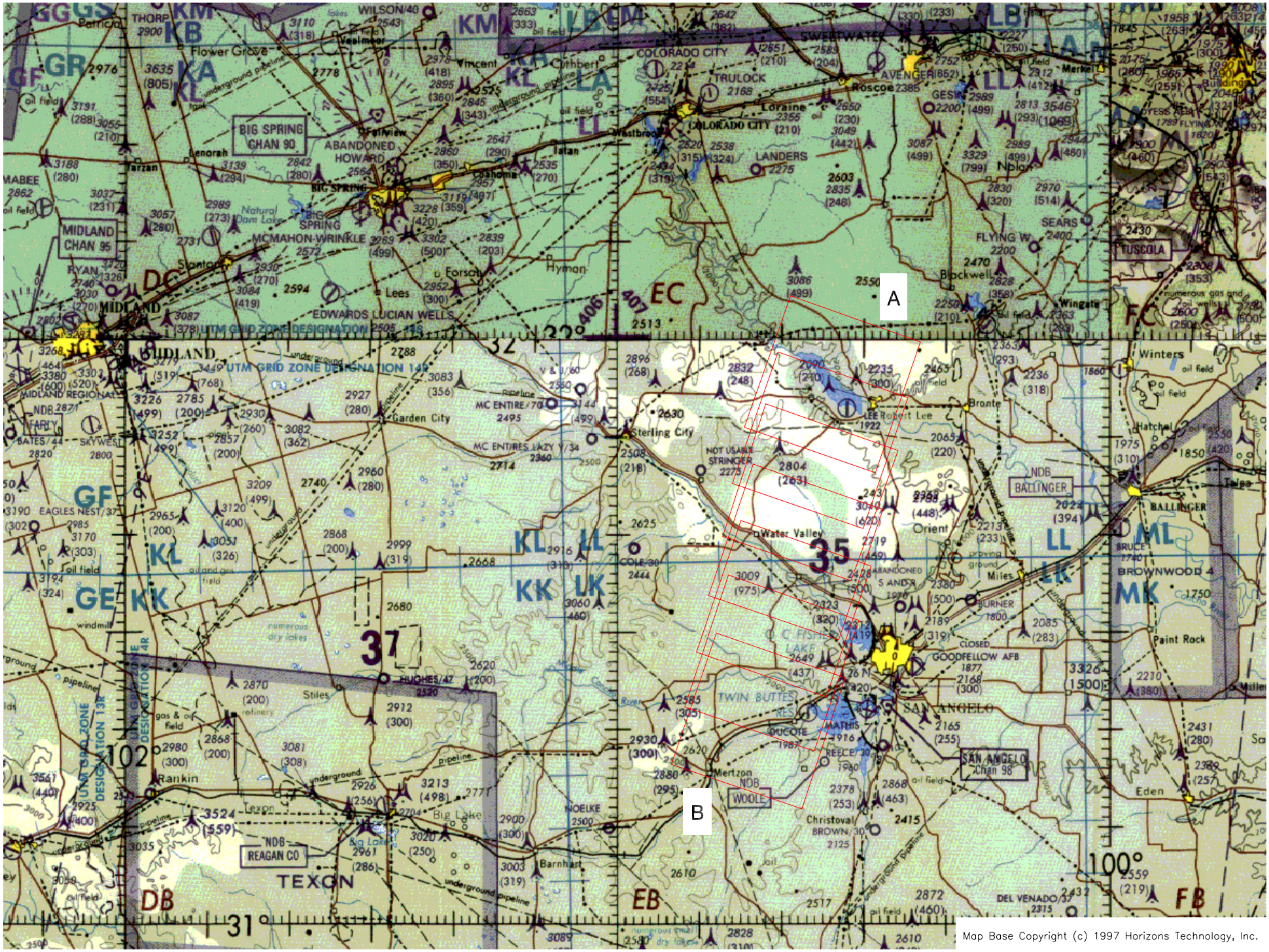
Accession # 05735

Sensor # 031

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	1450-1456	17:30:24	17:35:49	64800/19760	Clear; film torn, severe damage frames, 1450-1454



FLIGHT 03-9017 / 03-917 27 NOVEMBER 2002 A/C 809 MAS / CPL / VIS / MVIS / SCANNING HIS / RC-10



Flight 03-9017 / 03-917 27 November 2002 A/C 809 RC-10