FLIGHT SUMMARY REPORT

Flight Number: 03-916/9016

Calendar/Julian Date: 24 November 2002 • 328

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

Area(s) Covered: NE Texas/Oklahoma

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

SENSOR DATA – Page 1/2

Accession #:	05734	___	___	___
Sensor ID #:	031	108	083	122
Sensor Type:	RC-10	MAS50	S-HIS	NAST-I
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:	Excellent	___	___	
Remarks:	Subtract 19 seconds for correct UTC			

FLIGHT SUMMARY REPORT

SENSOR DATA – Page 2/2
Flight #03-916/9016

Accession #:	___	___	___
Sensor ID #:	137	118	136
Sensor Type:	CPL	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 24 Nov 2002
NASA FLIGHT NUMBER 03-916

	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	15:57:35	30.466	-96.263	60.4	143.4	16:24:22	33.420	-95.471	59.5	151.3	9999	7.9	19912
2	16:24:22	33.420	-95.471	59.5	151.3	16:39:45	35.144	-94.989	59.4	156.1	5748	11.7	19893
3	16:44:51	35.201	-94.964	59.1	157.5	17:06:01	37.580	-94.274	59.7	164.2	7901	8.0	19870
4	17:11:10	37.318	-94.373	59.2	165.4	17:37:56	34.497	-95.171	55.5	171.5	9999	190.4	19824
5	17:37:57	34.497	-95.171	55.5	171.5	18:04:43	31.614	-95.964	52.2	178.1	9999	195.8	19917
6	18:04:43	31.613	-95.964	52.2	178.1	18:11:22	30.900	-96.154	51.5	179.9	2480	196.4	19954

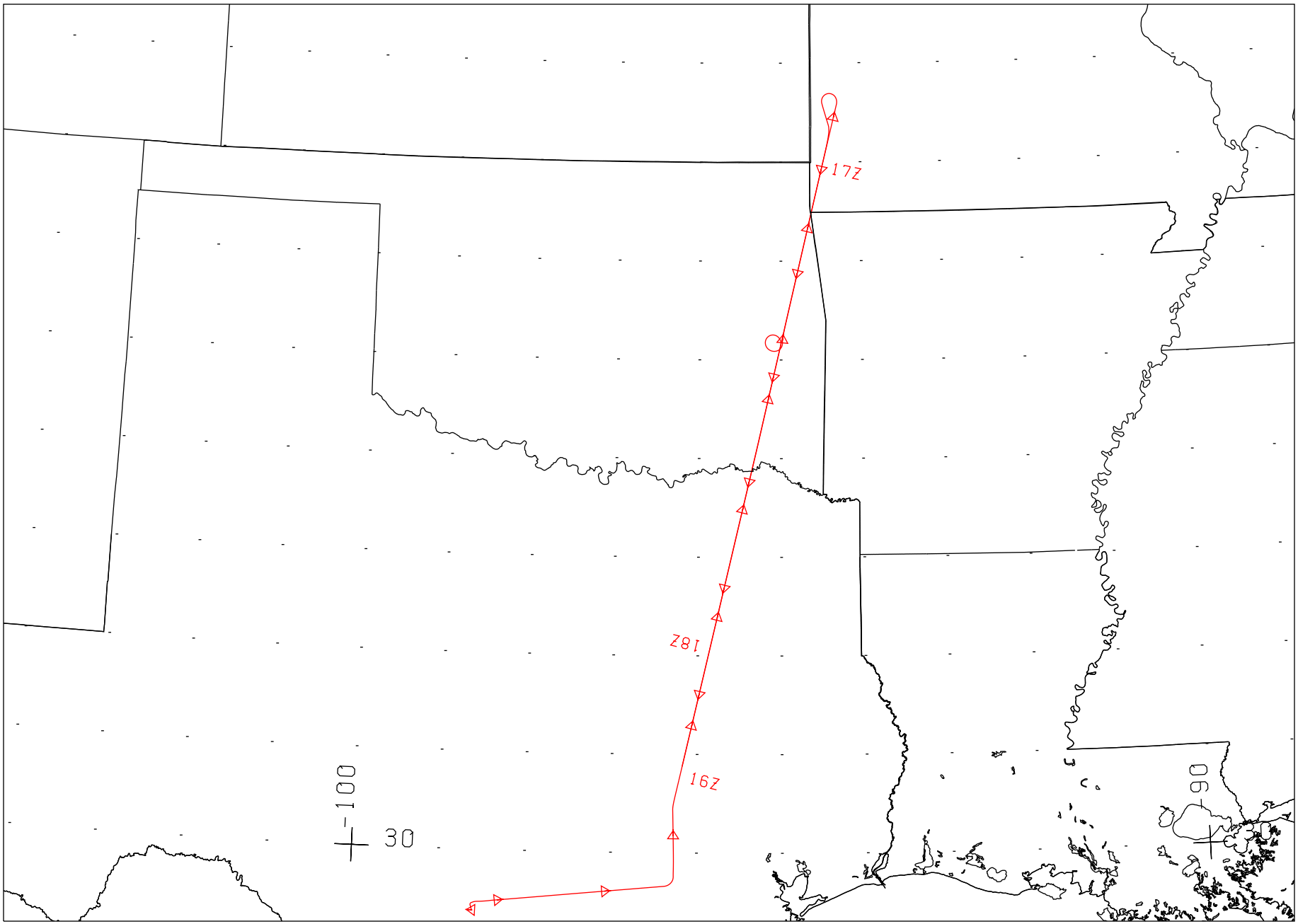
NUMBER OF FILES FOR THIS FLIGHT = 6
TOTAL NUMBER OF SCAN LINES = 46126
DATE THESE FILES WERE PROCESSED = 03-Feb-2003
DATE THIS LIST WAS CREATED = Mon Apr 28 17:04:18 PDT 2003
GRANULE VERSION = 1

CAMERA FLIGHT LINE DATA
FLIGHT NO. 03-9016 / 03-916

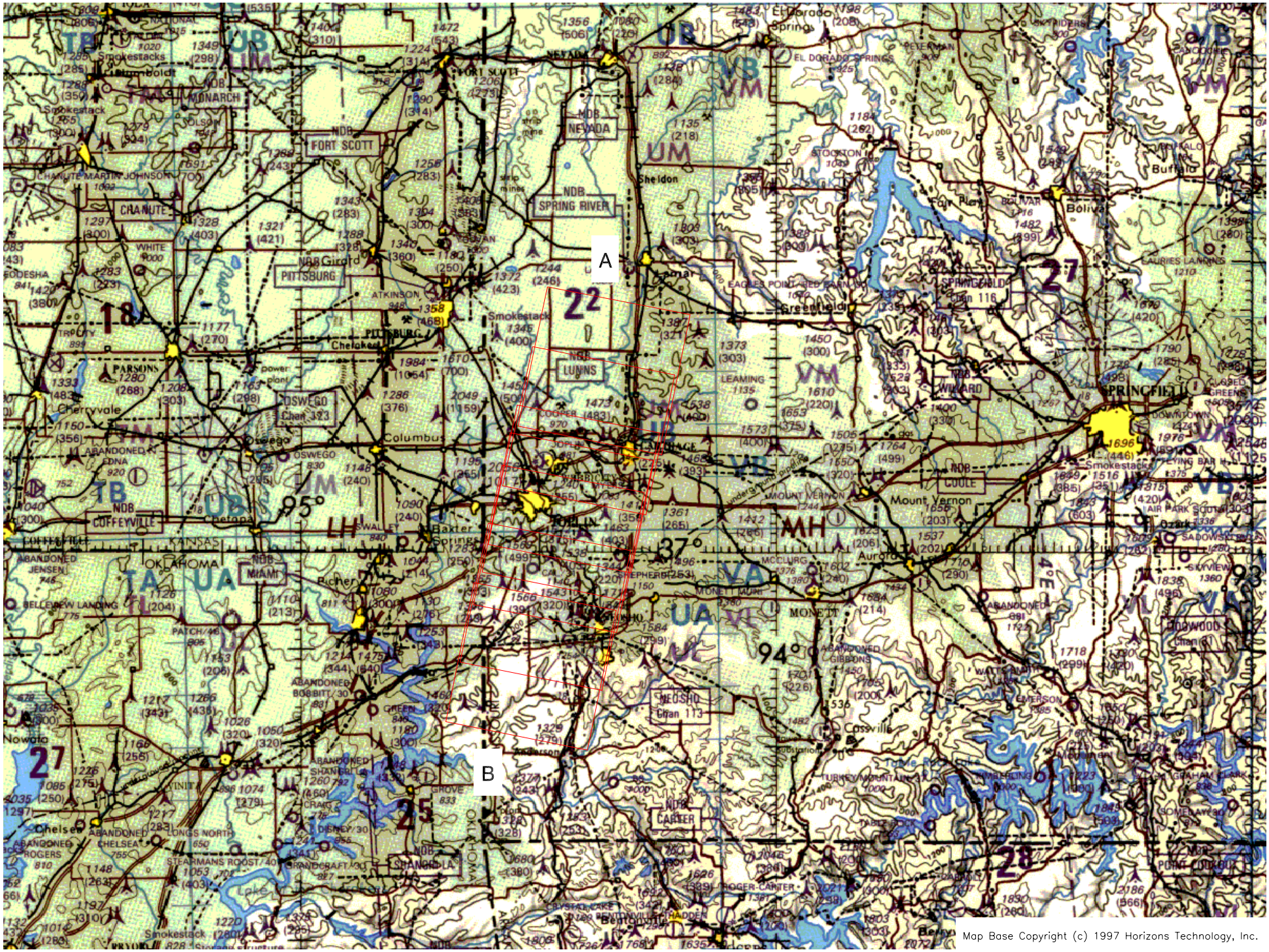
Accession # 05734

Sensor # 031

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	1433-1439	16:59:22	17:03:55	65100/19850	40-90% cumulus and cirrus



FLIGHT 03-9016 / 03-916 24 NOVEMBER 2002 A/C 809 MAS / CPL / SCANNING HIS / MVIS / VIS / NAST-I / RC-10



Flight 03-9016 / 03-916 24 November 2002 A/C 809 RC-10