

FLIGHT SUMMARY REPORT

Flight Number: 01-055
Calendar/Julian Date: 31 March 2001 • 090
Sensor Package: Wild-Heerbrugg RC-10
Modis Airborne Simulator (MAS)
Video Imaging System (VIS)
Scanning High-Resolution Interferometer Sounder (S-HIS)
Area(s) Covered: Oklahoma CART site
Investigator(s): Moeller, CIMSS **Aircraft #:** 806

SENSOR DATA

Accession #:	05596	----	----	----
Sensor ID #:	034	108	118	083
Sensor Type:	RC-10	MAS50	VIS	S-HIS
Focal Length:	12" 304.66 mm	----	----	----
Film Type:	Aerochrome IR SO-134	----	----	----
Filtration:	Wratten 12	----	----	----
Spectral Band:	510-900nm	----	----	----
f Stop:	8	----	----	----
Shutter Speed:	1/325	----	----	----
# of Frames:	60	----	----	----
% Overlap:	60	----	----	----
Quality:	Excellent	----	----	----
Remarks:	No offset to UTC			

CAMERA FLIGHT LINE DATA
FLIGHT NO. 01-055

Accession # 05596

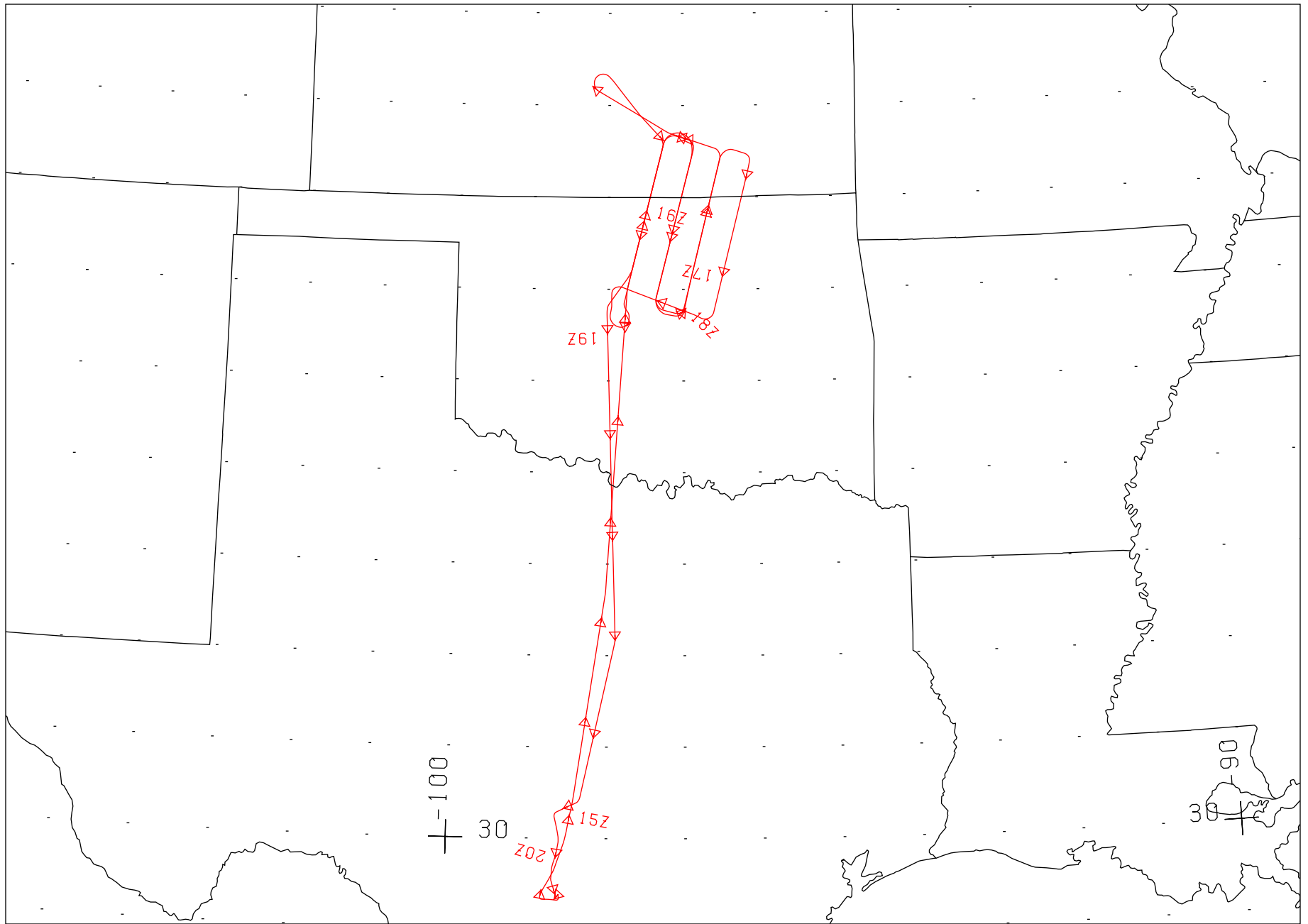
Sensor # 034

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	7547-7577	17:23:31	17:37:35	64900/19790	20-70% cumulus, frames 7547-7551; minor cumulus, frame 7552; 10% cirrus, frames 7568-7572; 30% cirrus, frame 7577
E - F	7578-7587	18:25:25	18:29:14	65200/19880	30-60% cumulus
C - D	7588-7606	18:44:29	18:52:31	65400/19940	10-50% cumulus, frames 7604-7606

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 31 Mar 2001
 NASA FLIGHT NUMBER 01-055

START OF FLIGHT LINE							END OF FLIGHT LINE					
LINE	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		START HEADING	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		SCAN LINES
1	15:10:47	31.356	-98.241	52.4	248.7	4.51	15:37:34	31.371	-98.239	52.4	248.7	10000
2	15:37:34	34.295	-97.876	58.7	251.7	1.11	16:04:22	34.309	-97.875	58.7	251.7	10000
3	16:04:22	37.308	-97.330	64.7	254.9	10.87	16:06:48	37.323	-97.325	64.7	255.0	907
4	16:09:58	37.615	-96.879	65.9	255.8	157.90	16:26:08	37.601	-96.872	65.9	255.8	6033
5	16:30:02	35.763	-96.985	69.4	259.9	12.53	16:44:48	35.777	-96.981	69.4	259.9	5510
6	16:48:29	37.392	-96.073	73.3	262.3	193.22	17:03:57	37.378	-96.076	73.4	262.3	5776
7	17:05:36	35.685	-96.748	76.6	265.4	293.98	17:14:07	35.691	-96.764	76.6	265.4	3176
8	17:22:22	35.866	-97.770	80.0	267.8	12.77	17:37:42	35.881	-97.765	80.0	267.9	5722
9	17:41:27	37.529	-96.837	83.8	270.5	191.90	17:56:35	37.515	-96.840	83.8	270.5	5650
10	18:00:16	35.789	-96.969	87.6	273.4	14.64	18:14:56	35.803	-96.964	87.7	273.4	5471
11	18:16:14	37.533	-96.548	90.7	275.8	285.93	18:20:59	37.538	-96.564	90.7	275.8	1774
12	18:21:02	37.697	-97.159	91.6	276.5	286.51	18:29:27	37.703	-97.175	91.6	276.5	3141
13	18:32:21	38.310	-97.986	93.8	278.3	139.58	18:39:40	38.299	-97.973	93.8	278.3	2732
14	18:40:39	37.557	-97.252	95.5	279.5	193.01	18:57:15	37.543	-97.256	95.5	279.5	6198
15	18:57:42	35.792	-97.998	99.1	281.9	193.08	19:24:29	35.777	-98.001	99.2	282.0	10000
16	19:24:30	32.780	-97.898	105.0	285.7	181.13	19:29:55	32.766	-97.898	105.0	285.7	2025
17	19:29:55	32.185	-97.878	106.3	286.4	181.91	19:37:58	32.170	-97.879	106.3	286.4	3003

NUMBER OF FILES FOR THIS FLIGHT = 17
 TOTAL NUMBER OF SCAN LINES = 87118
 DATE THESE FILES WERE PROCESSED = 09-Nov-2001
 DATE THIS LIST WAS CREATED = Fri Nov 9 15:57:02 PST 2001
 GRANULE VERSION = 1



FLIGHT 01-055

31 MARCH 2001

A/C 809

MAS50 / RC-10 / VIS / SCANNING HIS

