

FLIGHT SUMMARY REPORT

Flight Number: 01-058
Calendar/Julian Date: 05 April 2001 • 095
Sensor Package: Hycon HR-732
Modis Airborne Simulator (MAS)
Video Imaging System (VIS)
Scanning High-Resolution Interferometer Sounder (S-HIS)
Area(s) Covered: Southwest States
Investigator(s): Ferry Flight **Aircraft #:** 806

SENSOR DATA

Accession #:	05599	----	----	----
Sensor ID #:	039	108	118	083
Sensor Type:	HR732	MAS50	VIS	S-HIS
Focal Length:	24" 609 mm	----	----	----
Film Type:	Aerochrome IR SO-134	----	----	----
Filtration:	Wratten 12	----	----	----
Spectral Band:	510-900nm	----	----	----
f Stop:	14.2	----	----	----
Shutter Speed:	1/250	----	----	----
# of Frames:	17	----	----	----
% Overlap:	60	----	----	----
Quality:	Good	----	----	----
Remarks:	Add 27 seconds for correct UTC			

CAMERA FLIGHT LINE DATA
FLIGHT NO. 01-058

Accession # 05599

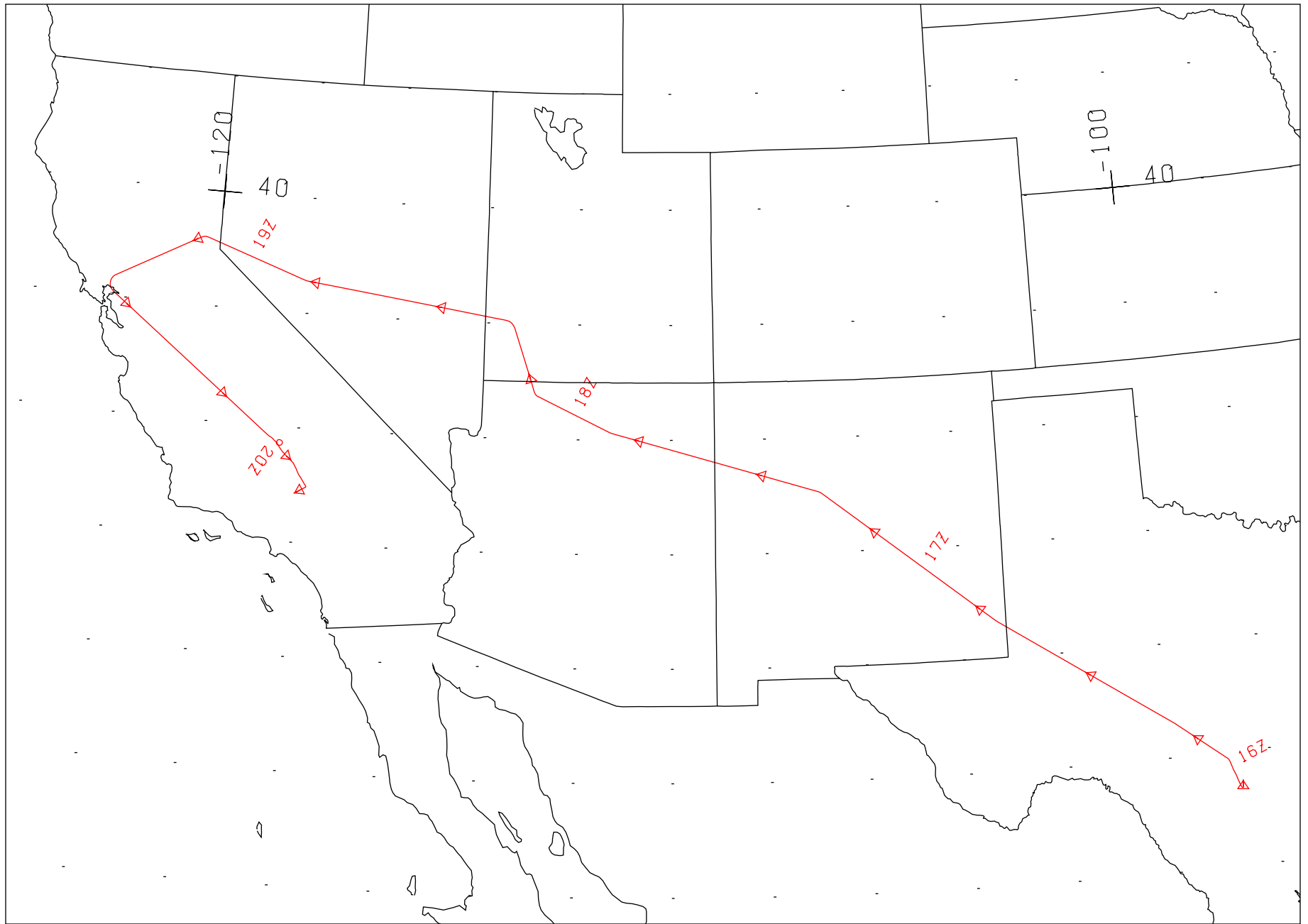
Sensor # 039

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	0001-0017	18:52:42	18:56:35	68900/21010	10-60% scattered cumulus; emulsion discoloration, frames 0001-0002; light leak, frame 0001

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 05 Apr 2001
 NASA FLIGHT NUMBER 01-058

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	16:19:23	30.889	-100.291	65.4	261.9	305.02	16:46:11	30.898	-100.305	65.4	262.0	10000
2	16:46:11	32.594	-103.189	71.2	265.1	302.72	17:12:58	32.602	-103.204	71.3	265.1	10000
3	17:12:58	34.524	-106.018	76.9	268.3	308.57	17:20:13	34.533	-106.032	76.9	268.3	2708
4	17:20:22	35.037	-106.807	78.4	269.3	299.11	17:47:10	35.043	-106.823	78.5	269.3	10000
5	17:47:10	35.900	-110.286	83.9	273.0	285.63	18:07:04	35.905	-110.304	83.9	273.1	7427
6	18:07:41	36.794	-112.918	87.9	276.0	329.19	18:18:48	36.808	-112.927	87.9	276.0	4148
7	18:19:24	38.043	-113.538	90.0	277.8	284.24	18:46:12	38.047	-113.556	90.1	277.8	10000
8	18:46:12	38.494	-117.302	95.1	282.0	275.19	19:08:22	38.495	-117.320	95.2	282.0	8269
9	19:09:06	39.179	-120.408	99.3	285.8	244.90	19:24:09	39.173	-120.424	99.3	285.8	5616
10	19:26:57	38.096	-122.268	103.0	288.6	132.04	19:49:53	38.086	-122.253	103.0	288.6	8550

NUMBER OF FILES FOR THIS FLIGHT = 10
 TOTAL NUMBER OF SCAN LINES = 76718
 DATE THESE FILES WERE PROCESSED = 21-Nov-2001
 DATE THIS LIST WAS CREATED = Fri Nov 23 10:26:28 PST 2001
 GRANULE VERSION = 1



FLIGHT 01-058

5 APRIL 2001

A/C 806

MAS50 / HR732 / VIS / SCANNING HIS

