

FLIGHT SUMMARY REPORT

Flight Number: 01-049
Calendar/Julian Date: 15 March 2001 • 074
Sensor Package: Wild-Heerbrugg RC-10
 Dual Hycon HR-732
 Modis Airborne Simulator (MAS)
 Video Imaging System (VIS)
Area(s) Covered: Word Valley, CA (Ferry to Kelly AFB, TX)
Investigator(s): ----- **Aircraft #:** 806

SENSOR DATA

Accession #:	05583	05584	05585	-----	-----
Sensor ID #:	026	039	020	108	118
Sensor Type:	RC-10	HR-732	HR-732	MAS50	VIS
Focal Length:	12" 304.97 mm	24" 609 mm	24" 609 mm	-----	-----
Film Type:	Panatomic X Aerographic II EK-3412	Aerochrome IR SO-134	Aerochrome IR SO-134	-----	-----
Filtration:	Wratten 12	Wratten 12	Wratten 12	-----	-----
Spectral Band:	510-700nm	510-900nm	510-900nm	-----	-----
f Stop:	8	11	12.7	-----	-----
Shutter Speed:	1/325	1/250	1/250	-----	-----
# of Frames:	20	38	37	-----	-----
% Overlap:	60	60	60	-----	-----
Quality:	Excellent	Good	Excellent		
Remarks:	Subtract 16 seconds for correct time	Add 12 seconds for correct time	No data block		

CAMERA FLIGHT LINE DATA
FLIGHT NO. 01-049

Accession # 05583

Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4752-4771	17:31:54	17:40:48	63100/19240	Clear

CAMERA FLIGHT LINE DATA
FLIGHT NO. 01-049

Accession # 05584

Sensor # 039

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	0001-0038	17:31:17	17:40:17	63100/19240	Clear

CAMERA FLIGHT LINE DATA
FLIGHT NO. 01-049

Accession # 05585

Sensor # 020

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	0002-0038	17:31:31	17:40:17	63100/19240	Clear

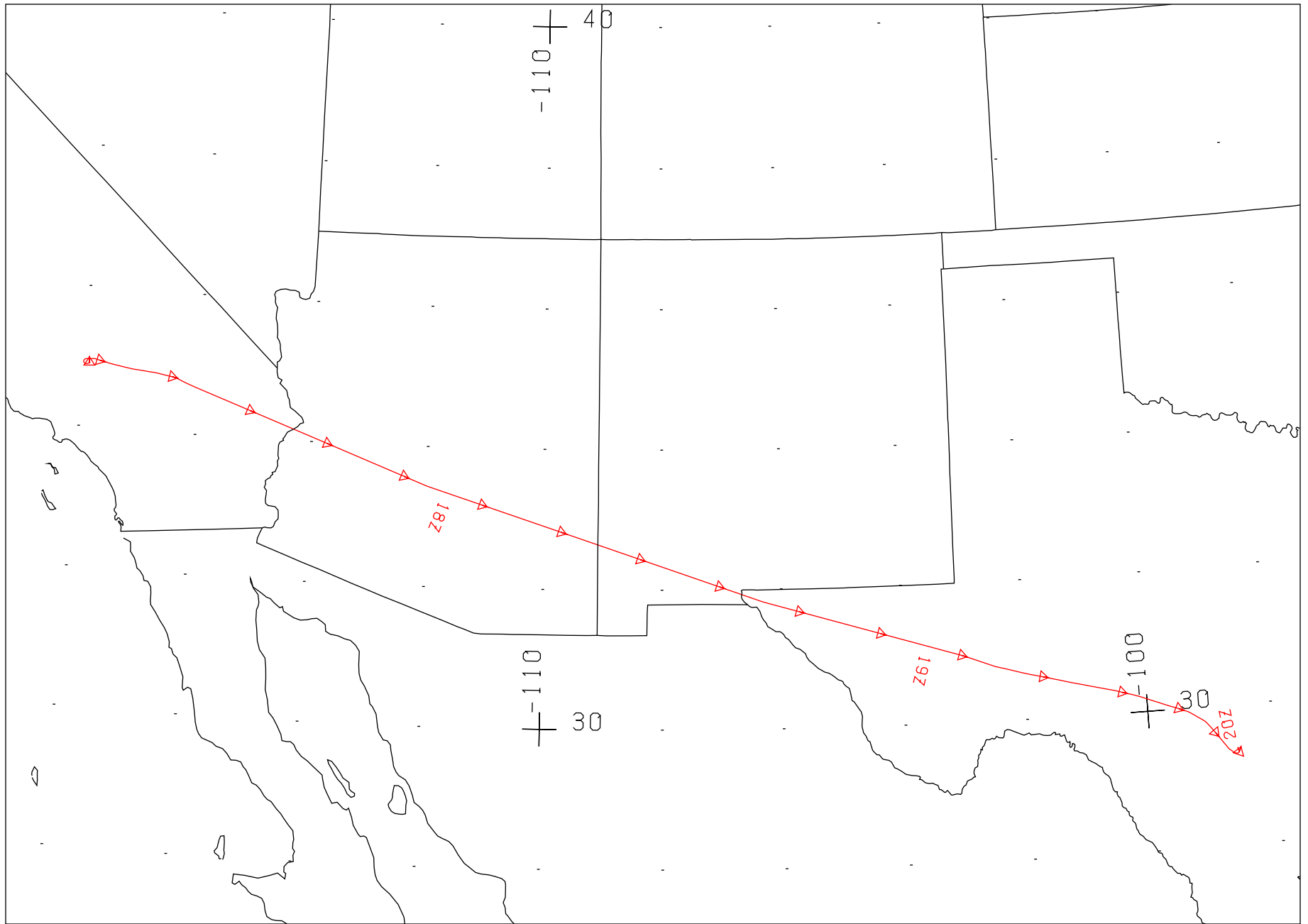
MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 15 Mar 2001
 NASA FLIGHT NUMBER 01-049

START OF FLIGHT LINE

END OF FLIGHT LINE

LINE	TIME	LAT	LON	SOLAR		START	TIME	LAT	LON	SOLAR		SCAN
	HH:MM:SS	DEG	DEG	ZEN	AZIM	HEADING		HH:MM:SS	DEG	DEG	ZEN	AZIM
1	17:31:10	34.547	-115.587	85.3	264.1	110.51	17:57:56	34.541	-115.569	85.3	264.2	10000
2	17:57:57	33.435	-111.976	90.7	267.9	110.50	18:24:44	33.430	-111.958	90.8	267.9	10000
3	18:24:44	32.444	-108.365	96.4	271.5	110.39	18:51:31	32.439	-108.348	96.4	271.5	10000
4	18:51:31	31.436	-104.785	102.1	274.9	109.94	19:09:01	31.432	-104.767	102.1	274.9	6527
5	19:09:08	30.775	-102.454	105.7	277.5	109.22	19:14:16	30.771	-102.436	105.7	277.5	1921

NUMBER OF FILES FOR THIS FLIGHT = 5
 TOTAL NUMBER OF SCAN LINES = 38448
 DATE THESE FILES WERE PROCESSED = 25-Oct-2001
 DATE THIS LIST WAS CREATED = Thu Oct 25 18:07:52 PDT 2001
 GRANULE VERSION = 1



FLIGHT 01-049

15 MARCH 2001

A/C 806

MAS50 / VIS / RC-10 / HR732

