

FLIGHT SUMMARY REPORT

Flight Number: 01-047
Calendar/Julian Date: 08 March 2001 • 067
Sensor Package: Wild-Heerbrugg RC-10
Modis Airborne Simulator (MAS)
Video Imaging System (VIS)
Airborne Multi-angle SpectroRadiometer (AirMISR)
Area(s) Covered: Steamboat Springs, CO

Investigator(s): Nolin, University of Colorado

Aircraft #: 806

SENSOR DATA

Accession #:	05582	-----	-----	-----
Sensor ID #:	034	108	118	120
Sensor Type:	RC-10	MAS50	VIS	AirMISR
Focal Length:	12" 304.66 mm	-----	-----	-----
Film Type:	Aerochrome IR SO-134	-----	-----	-----
Filtration:	Wratten 12	-----	-----	-----
Spectral Band:	510-900nm	-----	-----	-----
f Stop:	11	-----	-----	-----
Shutter Speed:	1/325	-----	-----	-----
# of Frames:	29	-----	-----	-----
% Overlap:	60	-----	-----	-----
Quality:	Excellent	-----	-----	-----
Remarks:	Subtract 3 seconds for correct time			

CAMERA FLIGHT LINE DATA
FLIGHT NO. 01-047

Accession # 05582

Sensor # 034

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	7383-7392	17:57:00	18:01:15	67100/20460	10% cumulus, frames 7389-7390
A - C	7393-7396	18:27:00	18:28:25	67500/20580	10-20% cumulus, frames 7394-7396
D - E	7397-7405	18:49:37	18:52:59	67900/20700	10-20% cumulus, frames 7399-7401
F - A	7406-7411	19:09:50	19:11:48	68200/20790	Clear

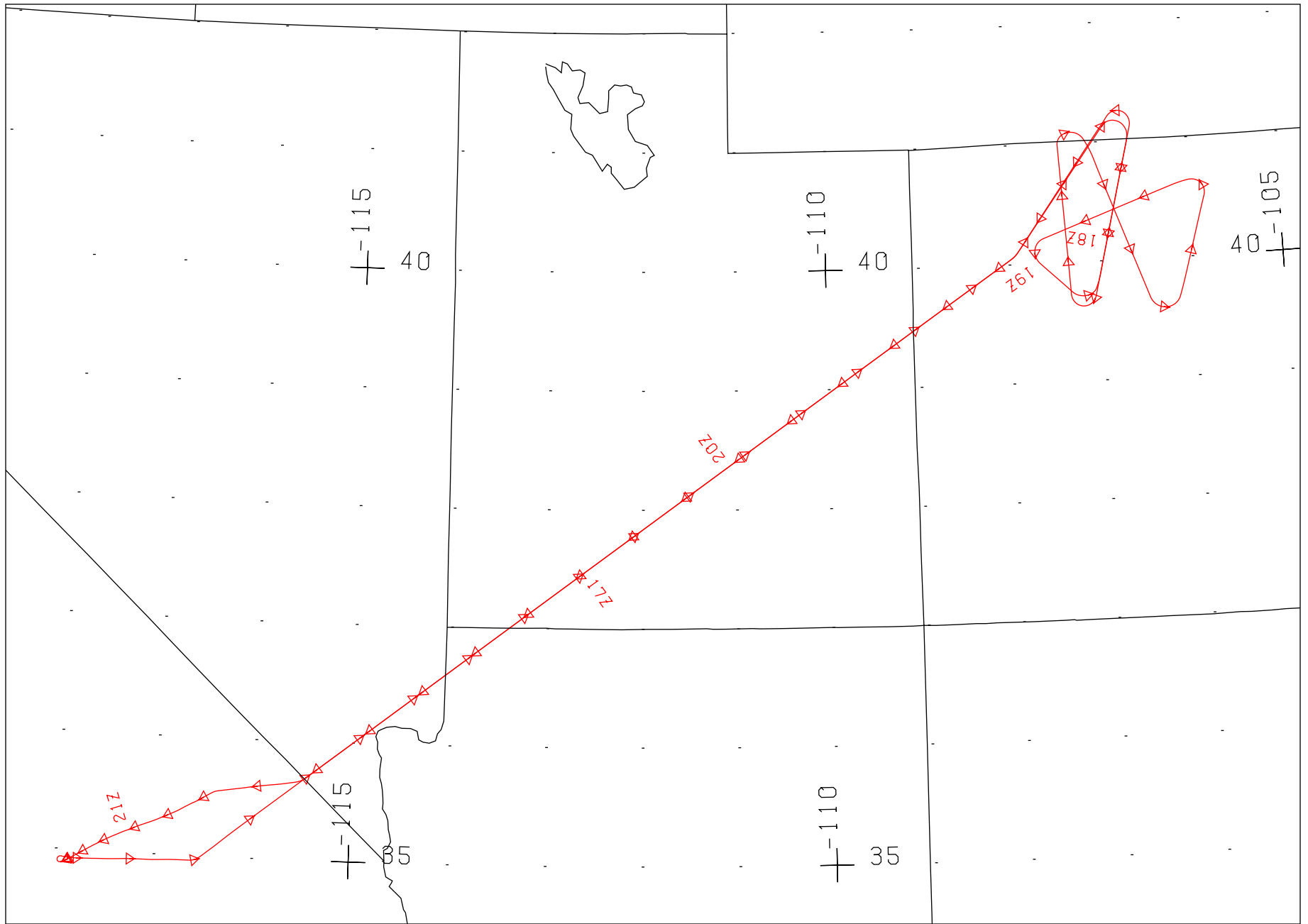
MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 08 Mar 2001
 NASA FLIGHT NUMBER 01-047

START OF FLIGHT LINE

END OF FLIGHT LINE

LINE	START OF FLIGHT LINE						END OF FLIGHT 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	17:38:30	40.072	-107.927	89.0	262.8	40.58	17:49:47	40.083	-107.913	89.1	262.8	4212
2	17:52:20	41.031	-106.637	91.8	265.1	189.82	18:04:24	41.016	-106.639	91.8	265.1	4501
3	18:07:19	39.740	-107.333	94.5	267.4	356.05	18:18:31	39.755	-107.333	94.6	267.4	4181
4	18:21:05	41.027	-107.120	97.2	269.8	152.01	18:33:17	41.013	-107.110	97.2	269.8	4553
5	18:36:03	39.670	-106.147	100.1	272.0	15.04	18:43:39	39.685	-106.140	100.1	272.0	2833
6	18:45:53	40.640	-106.001	101.9	273.8	259.96	18:58:04	40.637	-106.019	101.9	273.8	4550
7	19:00:18	40.002	-107.652	104.4	276.3	136.28	19:03:17	39.991	-107.638	104.5	276.3	1112
8	19:05:17	39.778	-107.052	105.4	277.1	16.27	19:17:33	39.792	-107.045	105.4	277.1	4581
9	19:20:21	41.202	-106.856	108.0	280.1	216.54	19:32:31	41.189	-106.867	108.0	280.1	4545

NUMBER OF FILES FOR THIS FLIGHT = 9
 TOTAL NUMBER OF SCAN LINES = 35068
 DATE THESE FILES WERE PROCESSED = 01-Nov-2001
 DATE THIS LIST WAS CREATED = Fri Nov 2 16:38:27 PST 2001
 GRANULE VERSION = 1



FLIGHT 01-047

8 MARCH 2001

A/C 806

AIRMISR / RC-10 / MAS50 / VIS

