

FLIGHT SUMMARY REPORT

Flight Number: 02-919
Calendar/Julian Date: 09 November 2001 • 313
Sensor Package: Wild-Heerbrugg RC-10
MODIS/ASTER Airborne Simulator (MASTER)
Airborne Visible/Infrared Imaging Spectrometer
(AVIRIS)
Area(s) Covered: San Juan River, Cataract and Desolation Canyon, Utah
Investigator(s): Baker, U of Arizona **Aircraft #:** 809

SENSOR DATA

Accession #:	05670	-----	-----
Sensor ID #:	034	124	099
Sensor Type:	RC-10	MASTER	AVIRIS
Focal Length:	12" 304.66 mm	-----	-----
Film Type:	Aerochrome IR SO-134	-----	-----
Filtration:	Wratten 12	-----	-----
Spectral Band:	510-900nm	-----	-----
f Stop:	11	-----	-----
Shutter Speed:	1/250	-----	-----
# of Frames:	71	-----	-----
% Overlap:	60%	-----	-----
Quality:	Excellent	-----	-----
Remarks:	Subtract 12 seconds for correct UTC		

CAMERA FLIGHT LINE DATA
FLIGHT NO. 02-919

Accession # 05670

Sensor # 034

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet / meters	Cloud Cover / Remarks
		START	END		
A - B	8410-8420	19:19:03	19:23:46	65100/19850	10-70% cirrus, frames 8410-8418; frames 8410-8411 oblique
C - D	8421-8431	19:32:52	19:37:10	65100/19850	Clear, frames 8421-8424 oblique
E - F	8432-8440	19:41:20	19:45:05	64500/19660	Minor Cumulus, frames 8438-8440; frames 8432 oblique
G - H	8441-8461	19:54:45	20:03:43	65400/19940	Minor cumulus, frames 8455-8456
I - J	8462-8480	20:06:46	20:14:47	64500/19660	Minor Cumulus, frames 8475-8476; frames 8462-8465 oblique

MODIS/ASTER AIRBORNE SIMULATOR (MASTER) FLIGHT LINE INFORMATION FOR 07 Nov 2001
NASA FLIGHT NUMBER 02-918-00

FILE	SITE	LINE	RUN	START OF FLIGHT LINE			END OF FLIGHT LINE			FLIGHT DATA				
				TIME HH:MM:SS	LAT DEG	LON DEG	TIME HH:MM:SS	LAT DEG	LON DEG	SCAN LINES	SOLAR ZEN	AZIM	HEAD DEG	ALT M (GPS)
1	0	0	1	19:03:31	20.720	-156.732	19:11:23	20.194	-155.838	2944	111.1	259.5	131.21	13722
2	0	0	1	19:13:17	20.046	-155.668	19:18:05	19.823	-155.187	1802	112.9	259.8	120.89	11594
3	0	0	1	19:20:11	19.913	-155.069	19:25:39	20.189	-155.315	2054	114.6	260.4	311.11	9583
4	0	0	1	19:26:53	20.280	-155.290	19:53:33	21.930	-152.548	10000	118.8	262.2	53.20	14864
5	0	0	1	19:53:33	21.930	-152.547	20:20:13	23.431	-149.623	10000	125.1	265.2	62.03	19245
6	0	0	1	20:20:14	23.431	-149.623	20:46:54	24.817	-146.567	10000	131.3	268.7	65.83	19251
7	0	0	1	20:46:54	24.817	-146.567	21:13:35	26.138	-143.451	10000	137.3	273.0	67.45	19358
8	0	0	1	21:13:35	26.138	-143.451	21:40:16	27.385	-140.279	10000	143.1	278.2	69.09	19482
9	0	0	1	21:40:16	27.385	-140.279	22:06:57	28.569	-137.003	10000	148.7	284.8	70.51	19575
10	0	0	1	22:06:57	28.569	-137.003	22:33:38	29.657	-133.702	10000	153.9	293.6	71.99	19679
11	0	0	1	22:33:38	29.657	-133.702	23:00:19	30.671	-130.303	10000	158.4	305.5	73.04	19783
12	0	0	1	23:00:19	30.671	-130.303	23:27:00	31.602	-126.799	10000	161.9	322.0	74.47	19933
13	0	0	1	23:27:00	31.602	-126.798	23:50:12	32.330	-123.702	8692	163.7	341.4	76.21	20055
14	0	0	1	23:50:26	32.340	-123.673	00:17:07	33.850	-120.400	10000	163.1	182.5	63.39	20136
15	0	0	1	00:17:07	33.850	-120.400	00:29:58	34.529	-118.804	4815	161.4	17.8	63.25	20243

NUMBER OF FILES FOR THIS FLIGHT = 15
 TOTAL NUMBER OF SCAN LINES = 120307
 DATE THESE FILES WERE PROCESSED = 22-Apr-2002
 DATE THIS LIST WAS CREATED = Tue Apr 23 10:04:20 PDT 2002
 GRANULE VERSION = 1



