FLIGHT SUMMARY REPORT

Flight Number: 04-946

Calendar/Julian Date: 9 August 2004(222)

Sensor Package: Wild-Heerbrugg RC-10
Airborne Visible-Infrared Imaging Spectrometer (AVIRIS)
MODIS Airborne Simulator (MAS)

Area(s) Covered: Craters of the Moon ID; Great Basin NV

Investigator(s): vanWagtendonk USGS;
Thackray, Idaho State University

Aircraft Number: 809

SENSOR DATA

Accession #:	05810	___	___
Sensor ID #:	076	099	108
Sensor Type:	RC-10	AVIRIS	MAS
Focal Length:	304.89 mm 12”	___	___
Film Type:	Aerochrome IR SO-734	___	___
Filtration:	Wratten 12	___	___
Spectral Band:	510-900 nm	___	___
f-Stop:	11	___	___
Shutter Speed:	1/375	___	___
# of Frames:	62	___	___
% Overlap:	60	___	___
Quality:	Excellent	___	___

Remarks:

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 09 Aug 2004
NASA FLIGHT NUMBER 04-946

	START OF FLIGHT LINE					END OF FLIGHT LINE					FLIGHT DATA		
FLTL	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	SCAN LINES	HEAD DEG	ALT M (MSL)
1	17:37:43	38.061	-116.874	37.3	117.7	17:49:05	38.332	-115.324	34.5	123.2	4246	79.1	19871
2	17:49:36	38.338	-115.251	34.3	123.4	17:55:13	38.453	-114.481	33.0	126.4	2100	82.4	19872
3	17:56:47	38.585	-114.360	32.8	127.2	18:02:38	39.253	-114.335	32.3	130.1	2190	5.4	19944
4	18:05:13	39.226	-114.115	31.7	131.3	18:10:09	38.657	-114.136	30.7	132.4	1843	181.0	19798
5	18:14:49	38.471	-114.213	29.9	133.9	18:20:41	39.146	-114.188	29.6	137.1	2194	4.6	19843
6	18:26:40	39.262	-114.258	28.9	139.6	18:31:57	38.658	-114.283	27.8	141.2	1974	183.2	19799
7	18:35:06	38.651	-114.568	27.6	142.1	19:01:52	41.695	-114.106	27.5	158.7	9999	8.8	19862
8	19:01:52	41.696	-114.106	27.5	158.7	19:13:11	42.984	-113.980	28.1	165.4	4225	6.1	19853
9	19:13:26	43.014	-113.980	28.1	165.5	19:22:10	43.993	-114.191	28.8	169.9	3259	354.5	19872
10	19:25:01	43.966	-113.940	28.6	171.8	19:27:54	43.665	-113.756	28.2	173.5	1076	157.6	19852
11	19:28:42	43.576	-113.761	28.1	173.9	19:55:28	40.892	-115.714	25.4	184.0	9999	209.2	19878
12	19:55:28	40.892	-115.714	25.4	184.0	20:22:14	38.154	-117.533	23.3	196.3	9999	207.1	19882
13	20:22:14	38.153	-117.534	23.3	196.3	20:31:08	37.236	-118.109	22.9	200.9	3326	206.7	19884
14	20:31:45	37.169	-118.126	22.9	201.3	20:34:05	36.901	-118.100	22.8	203.0	873	178.2	19861

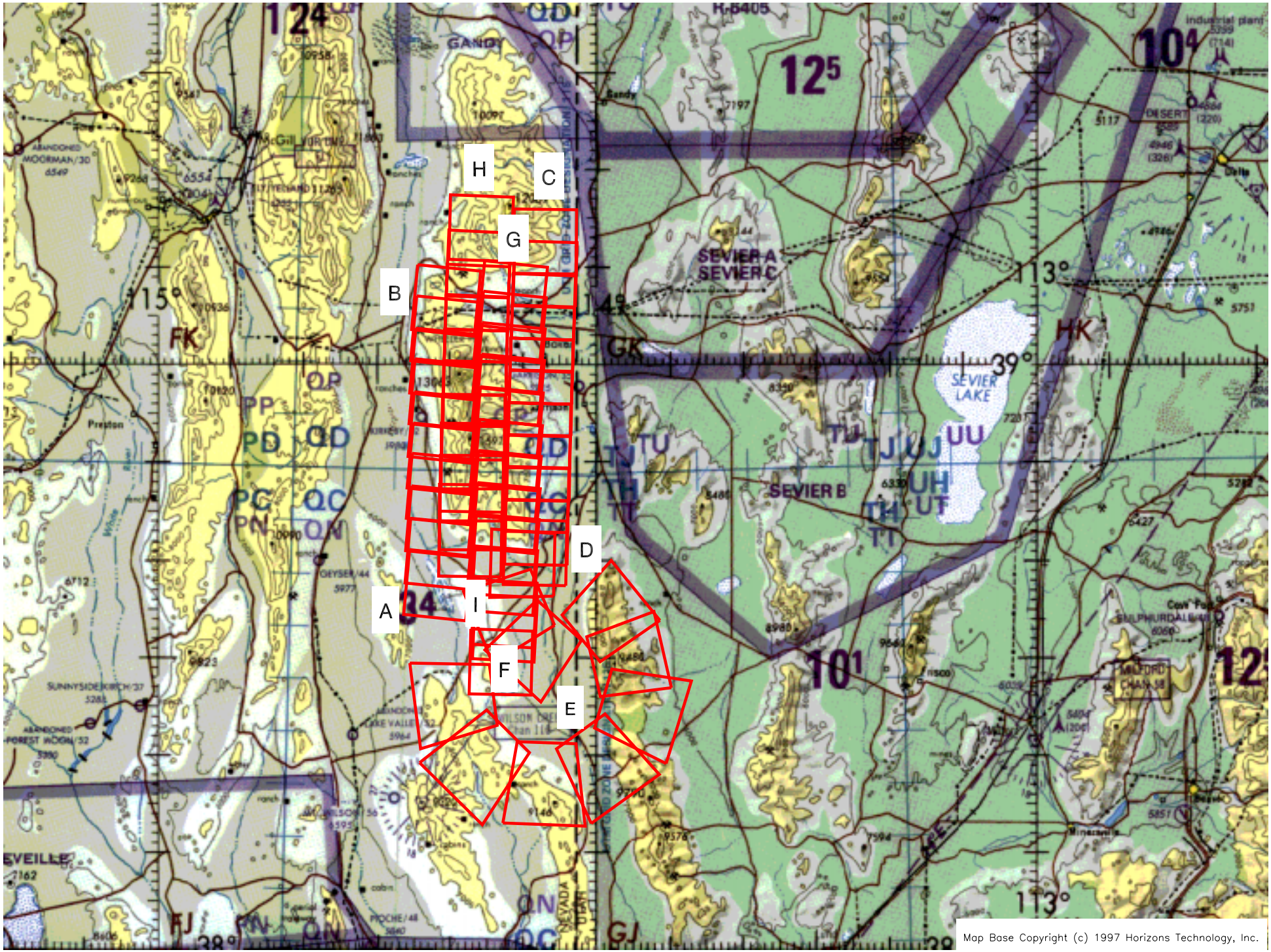
NUMBER OF FILES FOR THIS FLIGHT = 14
TOTAL NUMBER OF SCAN LINES = 57303
DATE THESE FILES WERE PROCESSED = 06-Dec-2004
DATE THIS LIST WAS CREATED = Tue Dec 7 12:05:49 PST 2004
GRANULE VERSION = 1

CAMERA FLIGHT LINE DATA
FLIGHT NO. 04-946

Accession # 05810

Sensor # 076

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	8555-8564	17:57:02	18:01:18	65500/19970	clear
C - D	8565-8575	18:05:24	18:09:59	64900/19790	clear; (frames 8576-8583 oblique)
E	8576-8585	18:10:09	18:14:27	65100/19850	clear, oblique frames
F - G	8586-8598	18:14:55	18:20:23	65300/19910	minor - 10% cumulus frames 8594-8595
H - I	8599-8609	18:26:59	18:31:40	65200/19880	minor - 10% cumulus frames 8599-8605
J - K	8610-8616	19:19:06	19:21:57	65200/19880	clear



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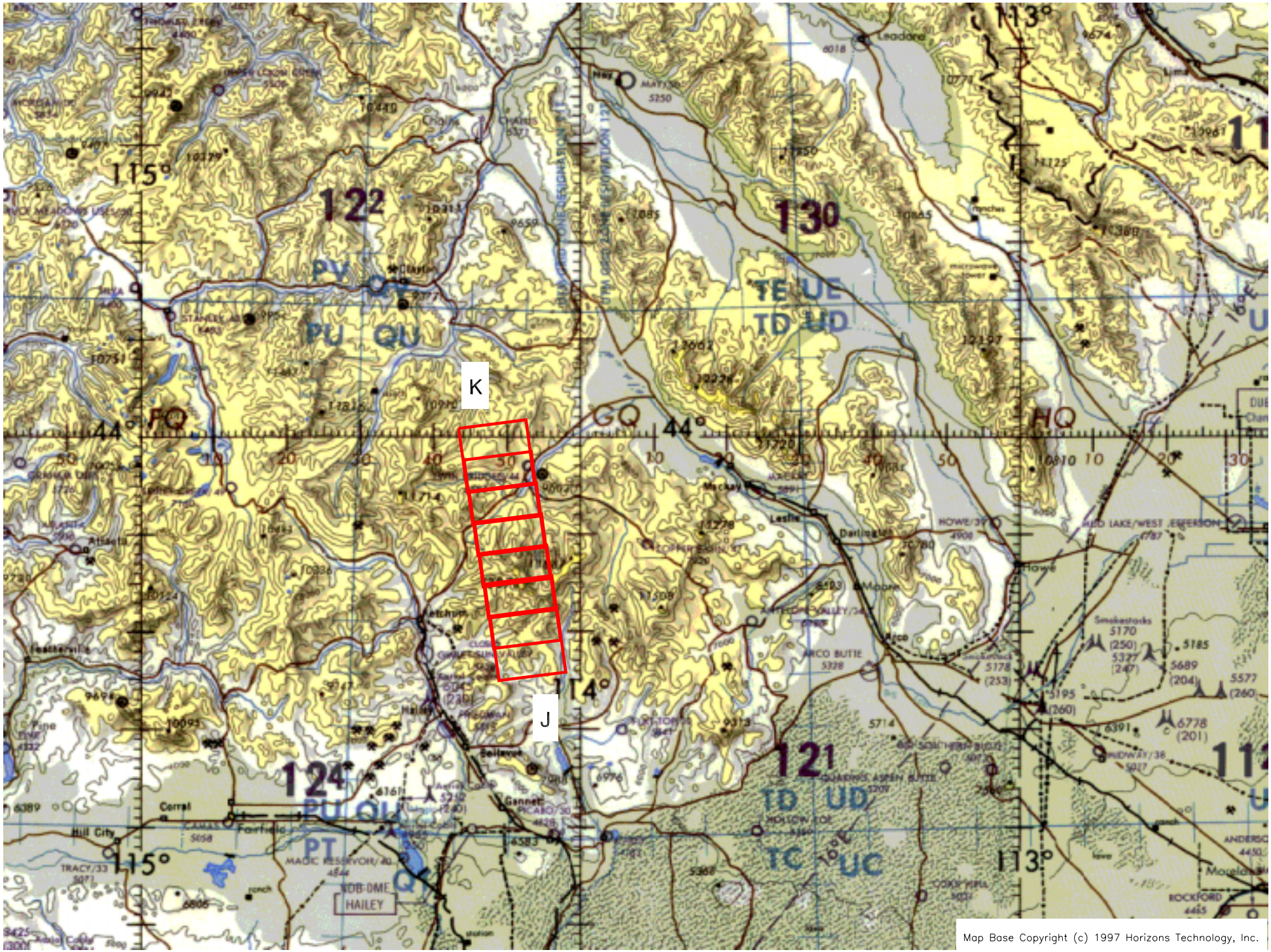

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