FLIGHT SUMMARY REPORT

Flight Number:	01-123
Calendar/Julian Date:	16 August 2001 • 228
Sensor Package:	Wild-Heerbrugg RC-10 Airborne Visible and Infrared Imaging Spectrometer (AVIRIS) Modis/Aster Airborne Simulator (MASTER)
Area(s) Covered:	Mono Lake/Lake Tahoe/Owens Valley
Investigator(s):	Melack, UCSB; Hook, JPL; Mustard, Brown University
Aircraft #:	806

SENSOR DATA

Accession #:	05634	-----	-----
Sensor ID #:	076	099	124
Sensor Type:	RC-10	AVIRIS	MASTER
Focal Length:	12” 304.89 mm	-----	-----
Film Type:	Aerochrome IR SO-134	-----	-----
Filtration:	Wratten 12	-----	-----
Spectral Band:	510-900nm	-----	-----
f Stop:	11	-----	-----
Shutter Speed:	1/325	-----	-----
# of Frames:	119	-----	-----
% Overlap:	60	-----	-----
Quality:	Excellent	-----	-----
Remarks:	Add 1 second for correct UTC		

CAMERA FLIGHT LINE DATA
FLIGHT NO. 01-123

Accession # 05634

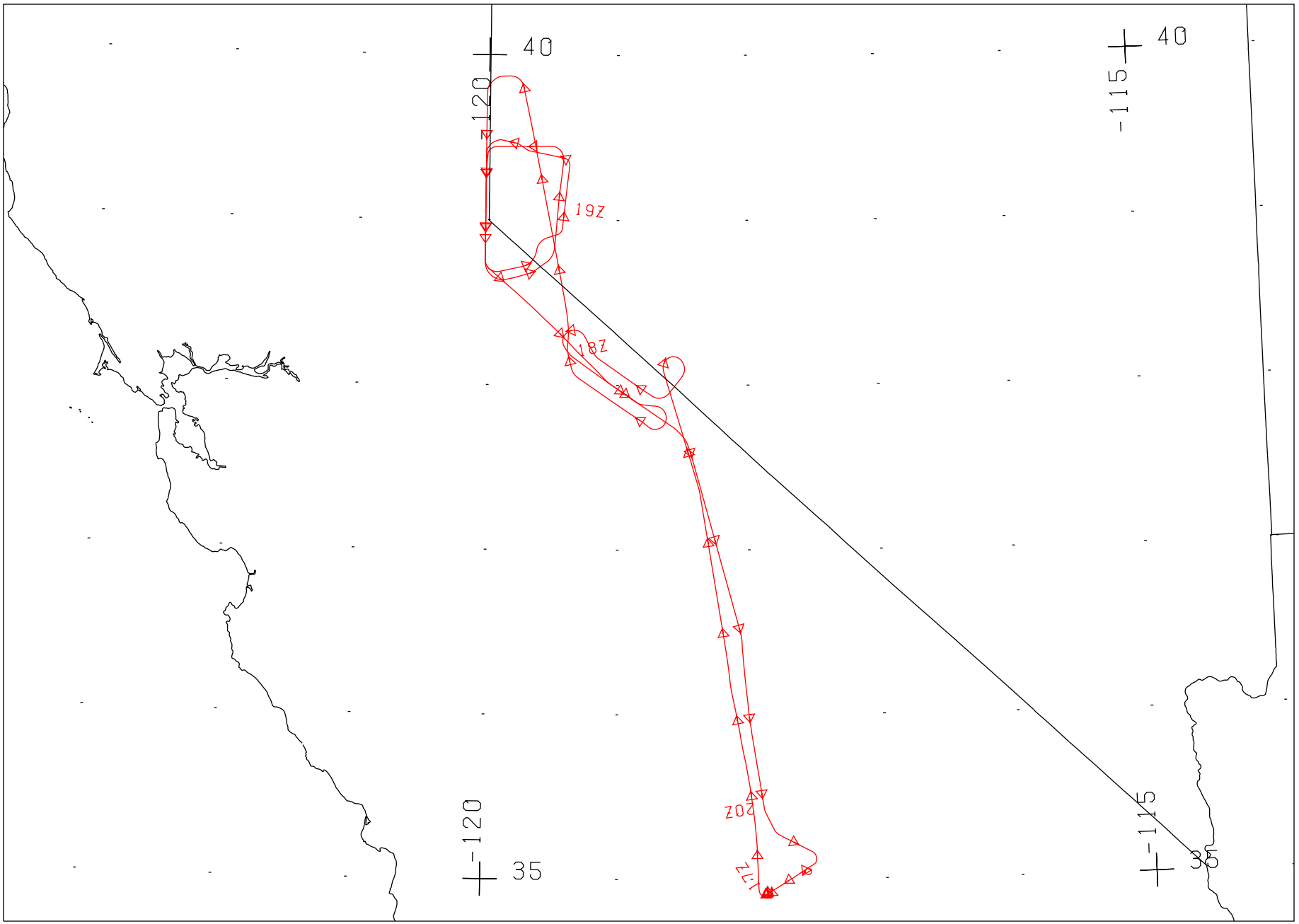
Sensor # 076

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	7823-7831	17:38:25	17:42:12	64600/19700	Clear; frames 7823-7824 oblique
C - D	7832-7843	17:45:40	17:50:28	64700/19730	Clear; frames 7832-7835 oblique
E - F	7844-7855	17:53:35	17:58:24	64500/19660	Clear; frames 7844-7846 oblique
G - H	7856-7877	18:16:56	18:26:26	64800/19760	Clear; frames 7856-7857 oblique; frame 7858 "soft"
I - H	7878-7897	18:42:35	18:51:07	45200/13780	Clear; frames 7878-7880 oblique
I - H	7898-7923	19:11:02	19:22:18	35000/10670	Clear; frames 7898-7902 oblique
D - J	7924-7941	19:37:43	19:45:13	62400/19020	Clear; frames 7924-7927 oblique. Ran out film, last frame mis-metered

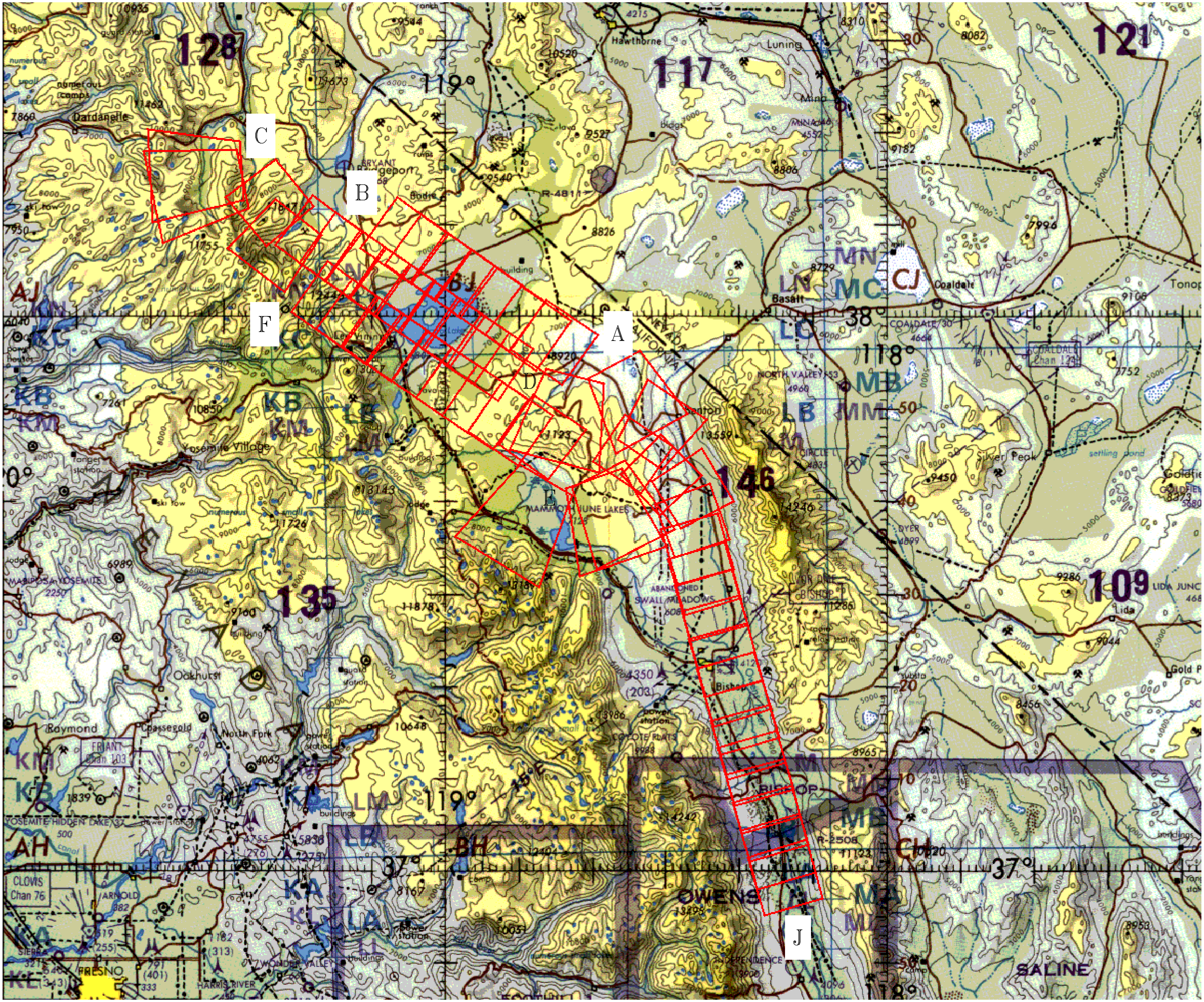
MODIS/ASTER AIRBORNE SIMULATOR (MASTER) FLIGHT LINE INFORMATION FOR 16 Aug 2001
NASA FLIGHT NUMBER 01-123

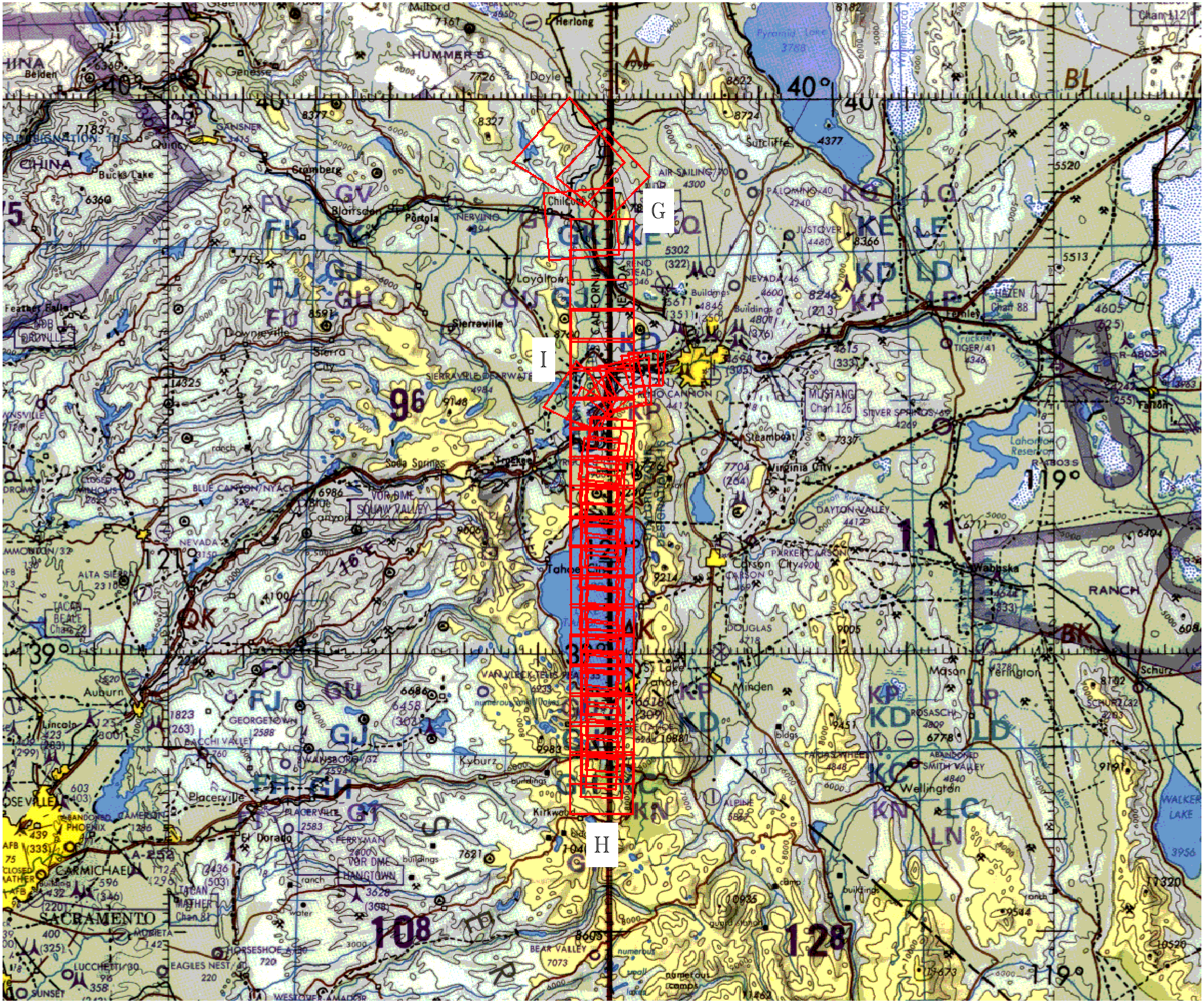
				START OF FLIGHT LINE			END OF FLIGHT LINE			FLIGHT DATA				
FILE	SITE	LINE	RUN	TIME HH:MM:SS	LAT DEG	LON DEG	TIME HH:MM:SS	LAT DEG	LON DEG	SCAN LINES	SOLAR ZEN	SOLAR AZIM	HEAD DEG	ALT M (GPS)
1	0	0	1	17:24:29	36.991	-118.291	17:27:46	37.006	-118.294	1226	74.8	275.9	352.55	18078
2	0	0	1	17:27:53	37.368	-118.368	17:34:25	37.382	-118.374	2443	75.4	276.3	344.07	18690
3	0	0	1	17:39:10	37.936	-118.727	17:42:35	37.945	-118.743	1280	77.5	277.8	305.76	19619
4	0	0	1	17:46:44	38.169	-119.332	17:50:51	38.160	-119.316	1537	79.0	279.0	125.78	19662
5	0	0	1	17:54:15	37.748	-118.754	17:58:47	37.758	-118.768	1693	80.5	280.1	311.57	19592
6	0	0	1	18:00:32	38.223	-119.377	18:14:54	38.238	-119.376	5375	81.7	281.0	3.60	19729
7	0	0	1	18:17:28	39.779	-120.015	18:26:36	39.764	-120.015	3415	84.6	283.4	178.16	19710
8	0	0	1	18:31:45	38.832	-119.481	18:36:52	38.846	-119.480	1918	87.5	285.6	4.77	16414
9	0	0	1	18:38:15	39.448	-119.504	18:42:27	39.448	-119.518	1578	88.5	286.6	271.28	13751
10	0	0	1	18:43:22	39.400	-120.006	18:51:23	39.390	-120.007	3005	89.5	287.4	185.88	13788
11	0	0	1	18:58:40	38.951	-119.421	19:03:50	38.960	-119.420	1942	92.4	289.9	0.35	10672
12	0	0	1	19:04:39	39.375	-119.403	19:07:56	39.377	-119.414	1232	93.3	290.9	287.45	10697
13	0	0	1	19:12:45	39.407	-120.016	19:22:44	39.397	-120.015	3743	94.8	292.2	184.16	10688
14	0	0	1	19:23:29	38.706	-119.989	19:37:47	38.699	-119.979	5365	97.0	293.9	133.66	11049
15	0	0	1	19:38:37	37.678	-118.480	19:48:43	37.666	-118.470	3787	100.2	296.3	146.77	18480

NUMBER OF FILES FOR THIS FLIGHT = 15
TOTAL NUMBER OF SCAN LINES = 39539
DATE THESE FILES WERE PROCESSED = 17-Dec-2001
DATE THIS LIST WAS CREATED = Mon Dec 17 15:43:19 PST 2001
GRANULE VERSION = 1



FLIGHT 01-123 16 AUGUST 2001 A/C 806 RC-10 / AVIRIS / MASTER


C
B
A
F
D
E
J
Hawthorne
Luning
Mina
Dardanelle
Bridgeport
Bodie
Basalt
Coaldale
Yosemite Village
Mammoth
June Lakes
Silver Peak
Oakhurst
Raymond
North Fork
Bishop
OWENS
SALINE
Lida
119°
118°
38°
37°


G
I
H
Herlong
Doyle
Pyramid Lake
Sutcliffe
Chilcoot
Portola
Loyalton
Sierraville
Downieville
Sierra City
Quincy
Bucks Lake
Feather Falls
Soda Springs
Truckee
Steamboat
Virginia City
Carson City
Dayton Valley
Tahoe City
Fernley
Fallon
Wabuska
Minden
Yerington
Wellington
Auburn
Lincoln
Placerville
El Dorado
Kyburz
Kirkwood
Sacramento
Carmichael
Walker Lake
Lahontan Reservoir
Mason
Georgetown
Smith Valley
Squaw Valley
Hangtown

C