FLIGHT SUMMARY REPORT

Flight Number:	02-603		
Calendar/Julian Date:	3 October 2001 • 206		
Sensor Package:	Wild-Heerbrugg RC-10 MODIS Airborne Simulator		
Area(s) Covered:	Yosemite N.P. Cascade Range, OR		
Investigator(s):	Crowley, USGS Root, USGS	**Aircraft #:**	806

SENSOR DATA

Accession #:	05649	------
Sensor ID #:	034	108
Sensor Type:	RC-10	MAS 50
Focal Length:	12” 304.66 mm	------
Film Type:	Aerochrome IR SO-134	------
Filtration:	Wratten 12	------
Spectral Band:	510-900nm	------
f Stop:	11	------
Shutter Speed:	1/300	------
# of Frames:	81	------
% Overlap:	60%	------
Quality:	Excellent	------
Remarks:	Subtract 66 seconds for correct UTC	

CAMERA FLIGHT LINE DATA
FLIGHT NO. 02-603

Accession # 05649

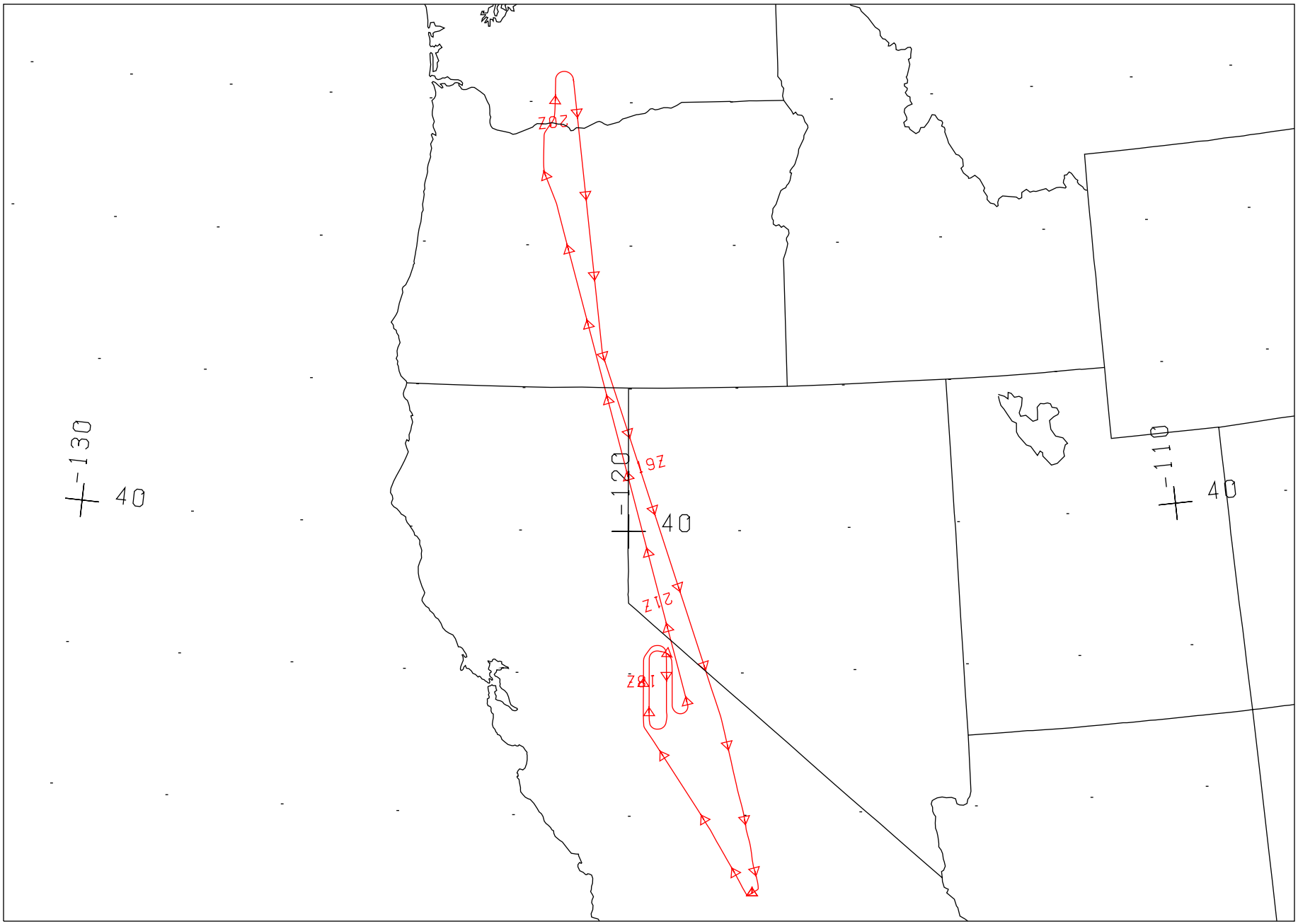
Sensor # 034

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	2285-2301	17:46:09	17:53:48	64900/19790	Clear
C - D	2302-2317	17:58:08	18:05:17	67100/20460	Clear, frame 2302 oblique
E - F	2318-2335	18:09:56	18:17:59	68200/20790	Clear
G - H	2336-2347	18:21:55	18:27:06	68300/20820	Clear, frame 2336 oblique
I - J	2348-2356	19:42:29	19:45:48	67400/20550	Clear
K - L	2357-2365	19:50:08	19:53:27	67400/20550	Clear

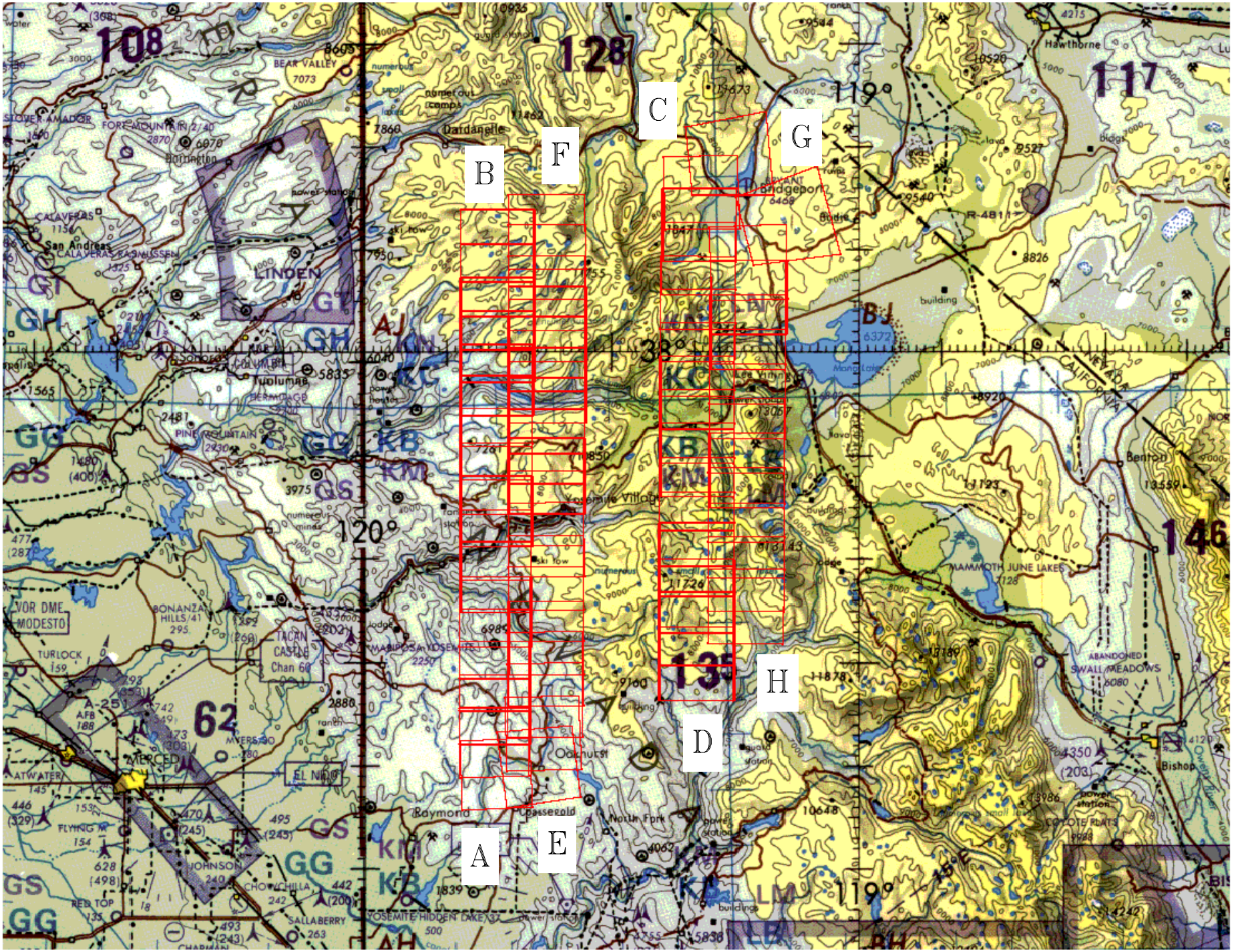
MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 03 Oct 2001
NASA FLIGHT NUMBER 02-603

	START OF FLIGHT LINE					END OF FLIGHT LINE					FLIGHT DATA		
LINE	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 (GPS)
1	17:41:14	36.965	-119.483	88.6	264.0	17:44:11	37.231	-119.704	89.2	264.5	1104	327.9	18987
2	17:44:41	37.281	-119.726	89.3	264.6	17:52:47	38.181	-119.729	91.0	265.8	3031	359.6	19739
3	17:57:03	38.306	-119.330	91.9	266.5	18:04:19	37.479	-119.326	93.2	267.5	2716	178.5	20437
4	18:08:35	37.306	-119.621	94.1	268.2	18:16:59	38.208	-119.628	95.8	269.5	3141	355.6	20690
5	18:21:00	38.174	-119.228	96.6	270.1	18:26:06	37.576	-119.225	97.6	270.8	1904	179.5	20814
6	18:29:44	37.585	-118.959	98.3	271.4	18:56:30	40.404	-119.889	103.3	276.2	9999	345.3	20483
7	18:56:30	40.405	-119.889	103.3	276.2	19:23:16	43.258	-120.919	107.8	281.7	9999	344.0	20447
8	19:23:16	43.258	-120.919	107.8	281.7	19:35:51	44.570	-121.423	109.7	284.5	4701	342.9	20532
9	19:36:06	44.596	-121.435	109.7	284.5	19:39:09	44.901	-121.612	110.2	285.2	1136	337.0	20510
10	19:40:14	45.013	-121.675	110.3	285.5	19:44:54	45.523	-121.700	111.0	286.6	1740	351.5	20503
11	19:47:39	45.786	-121.505	111.4	287.2	19:52:30	46.311	-121.492	112.0	288.4	1812	0.5	20561
12	19:55:46	46.313	-121.134	112.5	289.0	20:22:33	43.273	-120.629	118.1	293.2	9999	173.8	20429
13	20:22:33	43.273	-120.629	118.1	293.2	20:29:08	42.526	-120.513	119.5	294.2	2463	174.4	20319
14	20:29:22	42.500	-120.507	119.5	294.3	20:56:08	39.609	-119.260	125.3	298.5	9999	165.3	20308
15	20:56:08	39.608	-119.260	125.3	298.5	21:17:17	37.260	-118.334	130.1	301.8	7899	165.9	20373

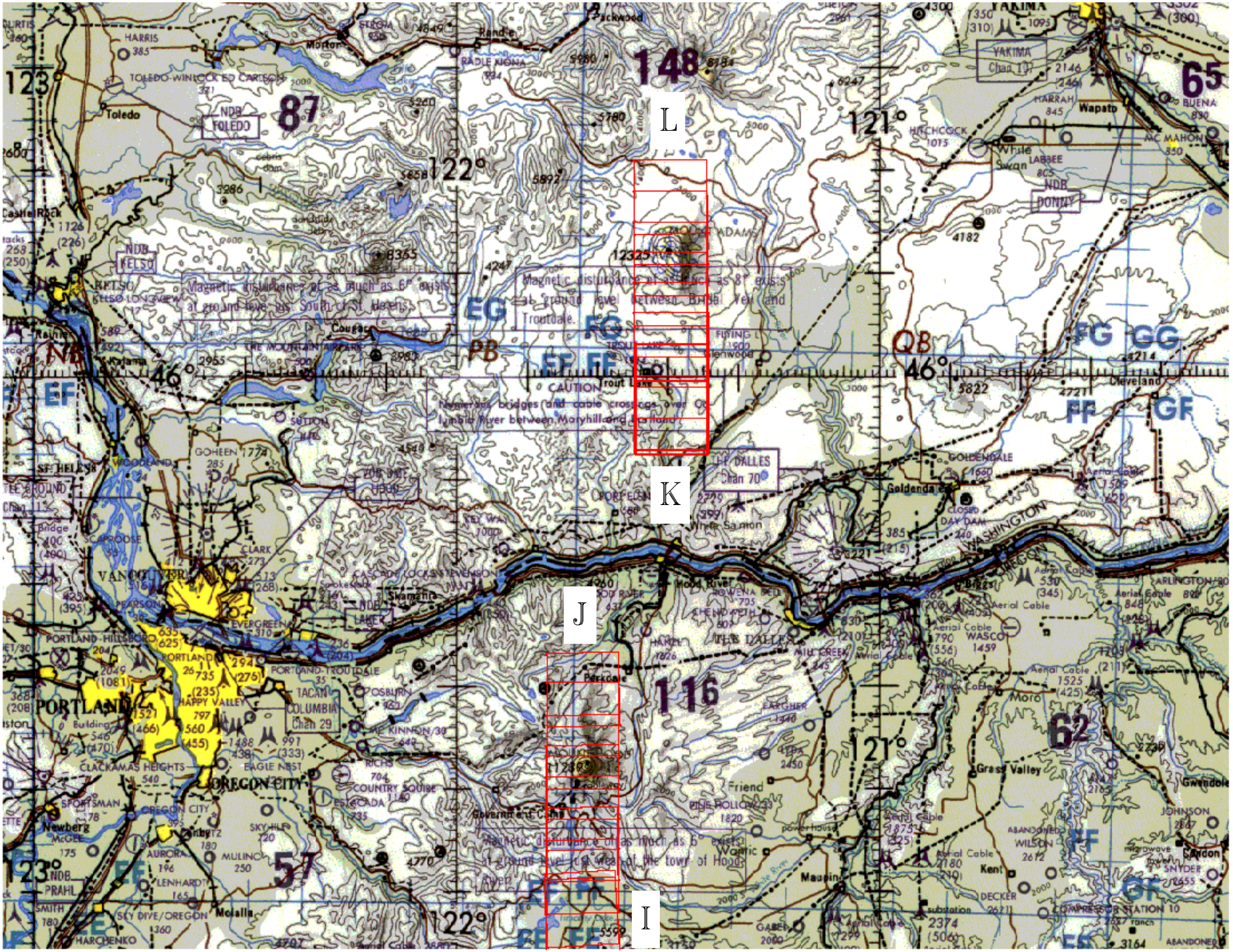
NUMBER OF FILES FOR THIS FLIGHT = 15
TOTAL NUMBER OF SCAN LINES = 71643
DATE THESE FILES WERE PROCESSED = 17-Apr-2002
DATE THIS LIST WAS CREATED = Thu Apr 18 13:18:44 PDT 2002
GRANULE VERSION = 1



FLIGHT 02-603 3 OCTOBER 2001 A/C 806 RC-10 / MAS50



Flight 02-603 3 October 2001 A/C 806 RC-10


L
K
J
I
Flight 02-603
3 October 2001
A/C 806
RC-10