FLIGHT SUMMARY REPORT

Flight Number: 04-951

Calendar/Julian Date: 19 August 2004(232)

Sensor Package: Wild-Heerbrugg RC-10
Airborne Visible-Infrared Imaging Spectrometer (AVIRIS)
Cirrus Digital Camera System (DCS)

Area(s) Covered: Puerto Rico

Investigator(s): Guild, NASA Ames Research Center **Aircraft Number:** 809

SENSOR DATA

Accession #:	05814	___	05824
Sensor ID #:	034	099	148
Sensor Type:	RC-10	AVIRIS	DCS
Focal Length:	304.66 mm 12”	___	50mm
Film Type:	Aerochrome MS 2427	___	___
Filtration:	HF3	___	___
Spectral Band:	415-700 nm	___	___
f-Stop:	11	___	___
Shutter Speed:	1/250	___	___
# of Frames:	147	___	___
% Overlap:	60	___	___
Quality:	Excellent	___	Good

Remarks:

CAMERA FLIGHT LINE DATA
FLIGHT NO. 04-951

Accession # 05814

Sensor # 034

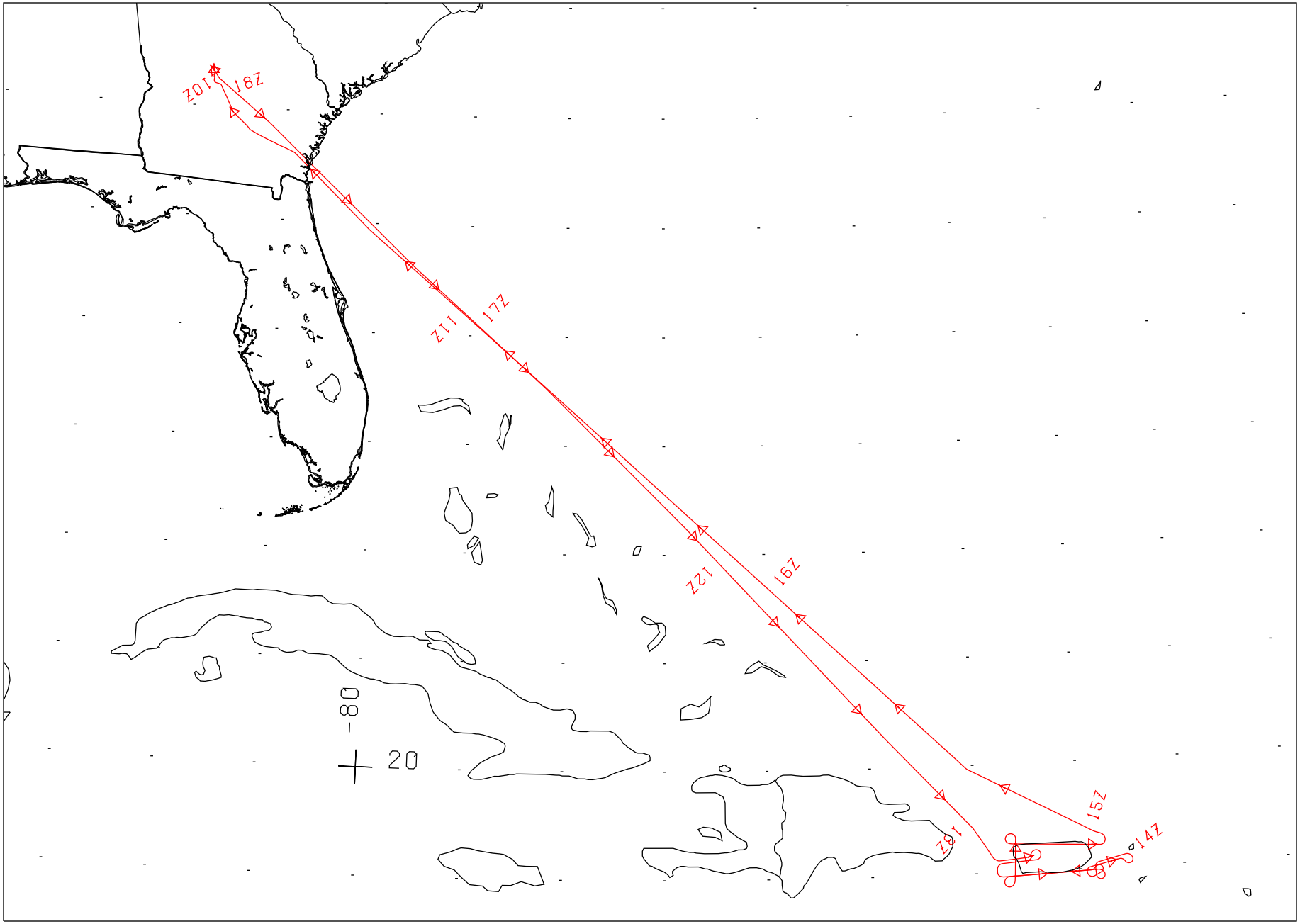
Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	7050-7058	13:10:38	13:14:19	65400/19940	10% cumulus frame 7058
C - D	7059-7068	13:20:06	13:23:53	65100/19850	10% cumulus frames 7059-7065
E - F	7069-7100	13:29:09	13:43:30	65200/19880	10 - 50% cumulus
F - G	7101-7110	13:52:04	13:55:51	65700/20030	10 - 40% cumulus
H - I	7111-7119	14:01:50	14:05:09	65100/19850	30 - 40% cumulus
F - E	7120-7147	14:12:16	14:24:13	65100/19850	10 - 60% cumulus
J - K	7148-7161	14:29:42	14:35:20	65100/19850	10 - 50% cumulus
L - M	7162-7196	14:40:45	14:56:08	65400/19940	10 - 40% cumulus frames 7164-7196

CAMERA FLIGHT LINE DATA
FLIGHT NO. 04-951

Accession # 05824

Sensor # 148

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, GPS feet/meters	Flight Direction / Heading
		START	END		
A - B	1231-1239	13:10:31	13:14:33	66300/20210	84° ; east
C - D	1240-1246	13:20:32	13:23:33	66100/20150	269° ; west
E - F	1247-1274	13:29:30	13:43:04	66200/20180	88° ; east
F - G	1275-1282	13:52:30	13:56:01	66700/20340	78° ; northeast
H - I	1283-1288	14:02:16	14:04:47	66000/20120	257° ; southeast
F - E	1289-1312	14:12:32	14:24:05	66100/20150	269° ; west
J - K	1313-1323	14:30:08	14:35:09	66000/20120	8° ; north
L - M	1324-1353	14:41:11	14:55:45	66400/20240	93° ; east



FLIGHT 04-951 19 AUGUST 2004 A/C 809 AVIRIS / DCS / RC-10 / LAC

Flight 04-951 19 August 2004 A/C 809 RC-10