

FLIGHT SUMMARY REPORT

Flight Number: 00-140
Calendar/Julian Date: 31 July 2000 • 213
Sensor Package: Dual Wild Heerbrugg RC-10
 Modis Airborne Simulator (MAS)
 Cloud Lidar System (CLS)
 Airborne Multi-angle SpectroRadiometer (AirMISR)
 Measurements of Pollutants in the Troposphere -
 Airborne Simulator (MOPPIT-A)
 Solar Spectral Flux Radiometer (SSFR)
 Scanning High-Resolution Interferometer Sounder (S-HIS)
 Leonardo Airborne Simulator (LAS)
Area(s) Covered: Sierra Nevada
Investigator(s): SAFARI Functional Check Flight **Aircraft #:** 809

SENSOR DATA

Accession #:	05530	05531	----	----
Sensor ID #:	026	034	108	129
Sensor Type:	RC-10	RC-10	MAS50	MOPPITT-A
Focal Length:	12" 304.97 mm	12" 304.66 mm	----	----
Film Type:	Panatomic X Aerographic II EK2412	Aerochrome IR SO134	----	----
Filtration:	Wratten 12	Wratten 12	----	----
Spectral Band:	510-700nm	510-900nm	----	----
f Stop:	11	11	----	----
Shutter Speed:	1/200	1/325	----	----
# of Frames:	27	27	----	----
% Overlap:	60	60	----	----
Quality:	Excellent	Excellent		
Remarks:	Subtract 4 seconds for correct UTC	Subtract 1 second for correct UTC		

FLIGHT SUMMARY REPORT 00-140 continued

SENSOR DATA

Accession #:	----	----	----	----	----
Sensor ID #:	120	131	083	130	113
Sensor Type:	AirMISR	SSFR	S-HIS	LAS	CLS
Focal Length:	----	----	----	----	----
Film Type:	----	----	----	----	----
Filtration:	----	----	----	----	----
Spectral Band:	----	----	----	----	----
f Stop:	----	----	----	----	----
Shutter Speed:	----	----	----	----	----
# of Frames:	----	----	----	----	----
% Overlap:	----	----	----	----	----
Quality:	----	----	----	----	----
Remarks:					

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-140

Accession # 05530

Sensor # 026

Check Points	Frame Numbers	Time (UTC-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	2490-2516	18:34:56	18:46:57	65700/20030	10-80% cumulus and cirrus, frames 2490-2497; 10-100% smoke and cumulus, frames 2499-2508; 10-80% cumulus, frames 2510-2516

Date and flight number incorrect in camera data block

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-140

Accession # 05531

Sensor # 034

Check Points	Frame Numbers	Time (UTC-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	3747-3773	18:34:53	18:46:54	65700/20030	10-80% cumulus and cirrus, frames 3747-3754; 10-100% smoke and cumulus, frames 3756-3765; 10-80% cumulus, frames 3767-3773

Date and flight number incorrect in camera data block

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 31 Jul 2000 FLIGHT 00-140

START OF FLIGHT LINE							END OF FLIGHT LINE					
LINE	TIME	LAT	LON	SOLAR		START	TIME	LAT	LON	SOLAR		SCAN
	HH:MM:SS	DEG	DEG	ZEN	AZIM	HEADING	HH:MM:SS	DEG	DEG	ZEN	AZIM	LINES
1	18:14:58	35.110	-118.058	82.7	286.9	6.88	18:30:47	35.119	-118.058	82.7	287.0	5900
2	18:34:37	36.674	-118.460	86.0	289.5	173.09	18:51:22	36.659	-118.459	86.0	289.6	6260
3	18:51:33	34.835	-118.208	89.8	292.0	182.86	19:04:49	34.821	-118.209	89.9	292.1	4962
4	19:07:58	33.412	-118.689	93.6	294.3	20.81	19:21:56	33.426	-118.684	93.6	294.4	5219
5	19:23:04	35.056	-118.186	95.6	296.7	354.91	19:27:05	35.071	-118.190	95.7	296.7	1502

NUMBER OF FILES FOR THIS FLIGHT = 5
 TOTAL NUMBER OF SCAN LINES = 23843
 DATE THESE FILES WERE PROCESSED = 10-Oct-2001
 DATE THIS LIST WAS CREATED = Wed Oct 10 14:33:01 PDT 2001
 GRANULE VERSION = 1

