

## FLIGHT SUMMARY REPORT

**Flight Number:** 03-610/6010  
**Calendar/Julian Date:** 31 January 2003 (031)  
**Sensor Package:** Modis Airborne Simulator (MAS)  
 NPOESS Aircraft Sounding Testbed Interferometer (NAST-I)  
 NPOESS Aircraft Sounding Testbed Microwave Radiometer (NAST-M)  
 Mini Video Imaging System (MVIS)  
 Langley Research Center In Situ Ozone (LaRC O<sub>3</sub>)  
**Area(s) Covered:** Central California (THORPEX Functional Check Flight)  
**Investigator(s):** Smith, NASA-LRC                      **Aircraft Number:** 806

### SENSOR DATA

<b>Accession #:</b>	-----	-----	-----	-----	-----
<b>Sensor ID #:</b>	108	122	123	136	138
<b>Sensor Type:</b>	MAS-50	NAST-I	NAST-M	MVIS	LaROC <sub>3</sub>
<b>Focal Length:</b>	-----	-----	-----	-----	-----
<b>Film Type:</b>	-----	-----	-----	-----	-----
<b>Filtration:</b>	-----	-----	-----	-----	-----
<b>Spectral Band:</b>	-----	-----	-----	-----	-----
<b>f-Stop:</b>	-----	-----	-----	-----	-----
<b>Shutter Speed:</b>	-----	-----	-----	-----	-----
<b># of Frames:</b>	-----	-----	-----	-----	-----
<b>% Overlap:</b>	-----	-----	-----	-----	-----
<b>Quality:</b>	-----	-----	-----	-----	-----

**Remarks:**

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 31 Jan 2003  
 NASA FLIGHT NUMBER 03-610

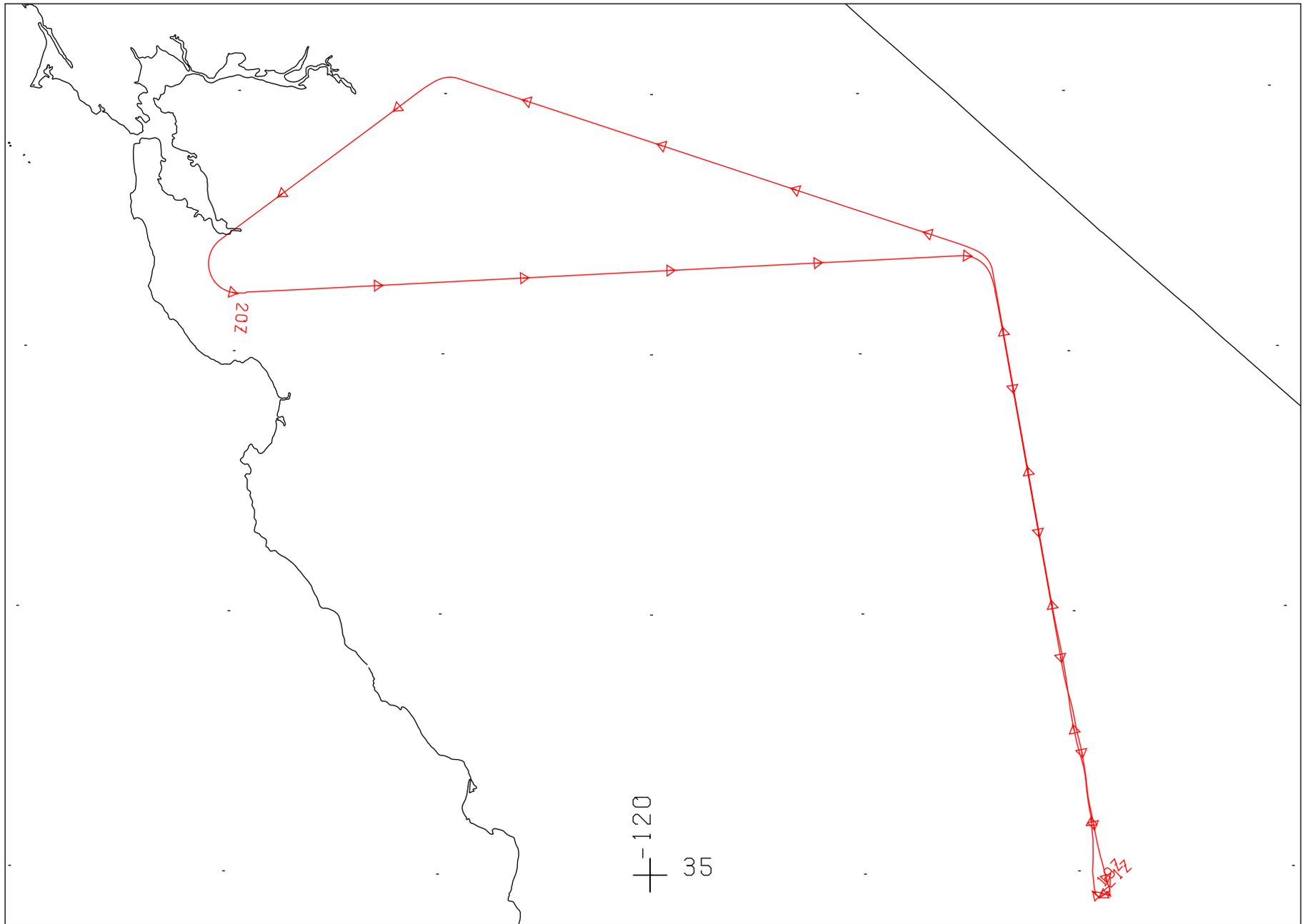
START OF FLIGHT LINE

END OF FLIGHT LINE

FLIGHT DATA

FLTL	TIME		LAT	LON	SOLAR		TIME		LAT	LON	SOLAR		SCAN	HEAD	ALT
	HH:MM:SS		DEG	DEG	ZEN	AZIM	HH:MM:SS		DEG	DEG	ZEN	AZIM	LINES	DEG	M (MSL)
1	19:19:53		36.530	-118.197	55.0	166.6	19:27:06		37.309	-118.352	55.5	168.6	2698	350.5	19138
2	19:28:11		37.395	-118.441	55.5	168.8	19:47:23		38.057	-120.928	55.9	171.5	7176	292.8	19798
3	19:48:24		38.038	-121.063	55.8	171.6	19:57:26		37.427	-122.068	55.1	173.0	3380	236.6	19791
4	19:59:59		37.222	-121.984	54.8	173.8	20:24:31		37.372	-118.505	54.9	185.1	9170	88.7	19780

NUMBER OF FILES FOR THIS FLIGHT = 4  
 TOTAL NUMBER OF SCAN LINES = 22424  
 DATE THESE FILES WERE PROCESSED = 14-May-2003  
 DATE THIS LIST WAS CREATED = Wed May 14 10:44:46 PDT 2003  
 GRANULE VERSION = 1



FLIGHT 03-6010 / 03-610

31 JANUARY 2003

A/C 806

MAS / NAST-I / NAST-M / OZONE / MVIS