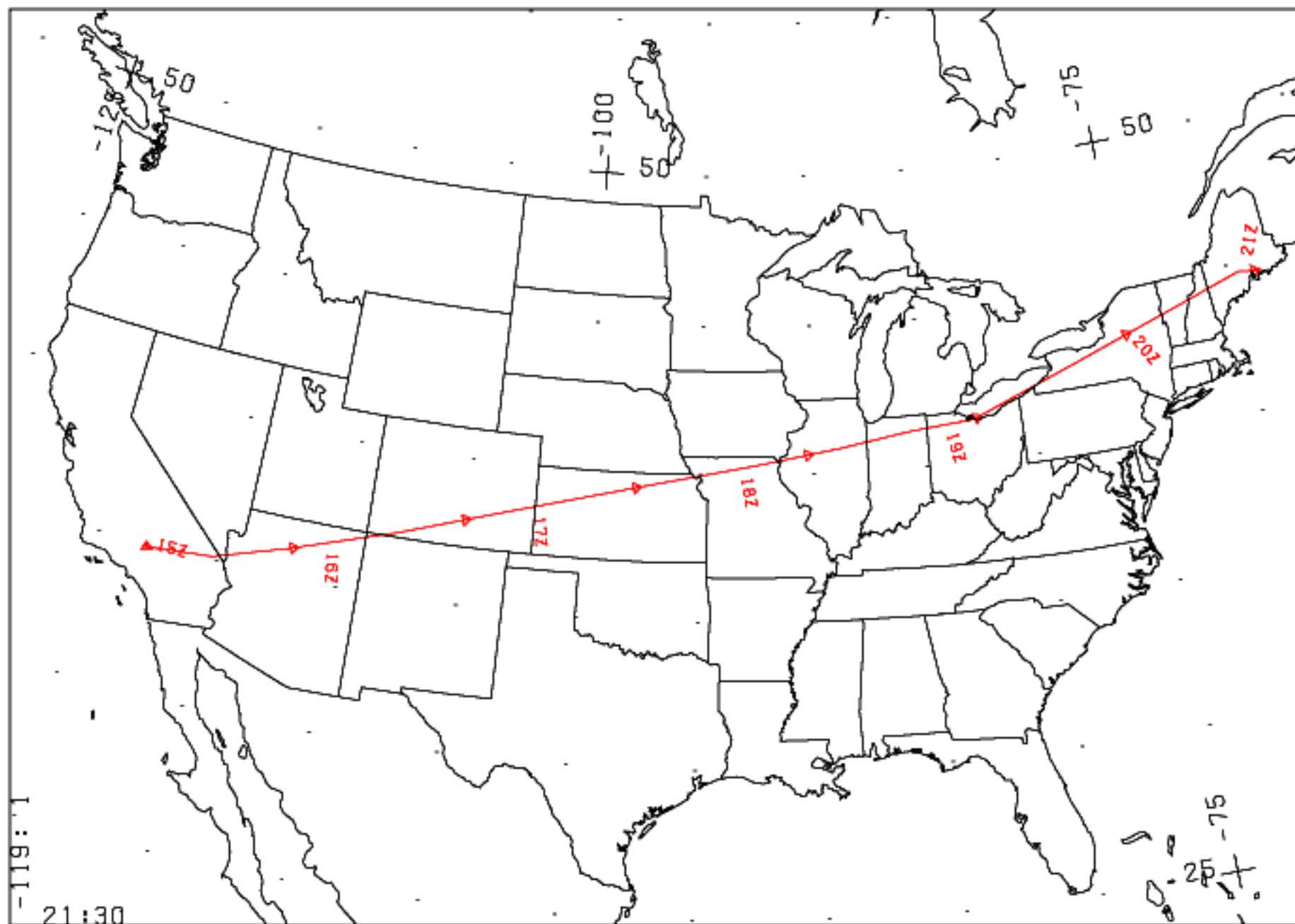




FLIGHT 04-6016 / 04-616 17 NOVEMBER 2003 A/C 806 MAS / SHIS / NAST-I / NAST-M / CPL / OZONE / VIS
 LAMBERT CONFORMAL PROJECTION: SP1 = 33.2 SP2 = 43.2 CM = -93.3 ROTATED BY 0.0
 15:00:00 TO 21:05:00 UT SCALE 1:2.00E+07 TIME TICK EVERY 50.00 MINUTES

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 17 Nov 2003
NASA FLIGHT NUMBER 04-616

START OF FLIGHT LINE						END OF FLIGHT LINE					FLIGHT DATA		
FLTL	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		SCAN LINES	HEAD DEG	ALT M (MSL)
1	15:30:02	35.278	-114.666	77.5	124.3	15:56:48	36.280	-111.037	71.6	132.0	9999	70.8	18546
2	15:56:48	36.281	-111.037	71.6	132.0	16:23:35	37.280	-107.304	66.6	140.9	9999	72.1	18698
3	16:23:35	37.281	-107.304	66.6	140.9	16:50:22	38.280	-103.504	62.7	150.8	9999	73.2	18800
4	16:50:23	38.280	-103.504	62.7	150.8	17:17:10	39.128	-99.647	60.2	161.7	9999	75.9	18925
5	17:17:10	39.128	-99.647	60.2	161.7	17:43:57	39.853	-95.634	59.1	173.4	9999	78.7	19044
6	17:43:58	39.853	-95.634	59.1	173.4	18:10:45	40.450	-91.574	59.6	185.2	9999	81.0	19211
7	18:10:45	40.450	-91.574	59.6	185.2	18:37:33	41.000	-87.478	61.7	196.7	9999	82.1	19351
8	18:37:33	41.000	-87.478	61.7	196.7	19:04:20	41.397	-83.356	65.2	207.6	9999	84.1	19493
9	19:04:20	41.397	-83.355	65.2	207.6	19:08:37	41.434	-82.702	65.8	209.2	1600	87.0	19556
10	19:09:01	41.443	-82.644	65.9	209.4	19:35:48	42.567	-78.760	71.2	218.8	9999	70.7	19544
11	19:35:48	42.567	-78.760	71.2	218.8	20:02:35	43.571	-74.786	77.3	227.5	9999	69.6	19568
12	20:02:35	43.571	-74.785	77.3	227.5	20:19:54	44.167	-72.084	81.6	232.9	6468	71.9	19631

NUMBER OF FILES FOR THIS FLIGHT = 12
TOTAL NUMBER OF SCAN LINES = 108058
DATE THESE FILES WERE PROCESSED = 11-Feb-2004
DATE THIS LIST WAS CREATED = Thu Feb 12 09:39:48 PST 2004
GRANULE VERSION = 1

GLOBAL ATTRIBUTES

Attribute Name	Description
CreationDate	11-Feb-2004 15:13:02
AircraftPlatform	NASA ER-2 (806)
NavFormatCode	Format (A-2)
LocationCode	Inertial (INU)
AltitudeCode	Inertial (INU)
NavDataSource	ER2 navigation recorder
NavDataPath	/nav/2004/er2/04-616
CalibrationName	A-TOST_103003_011204
Reference	NCSA HDF Reference Manual, Version 4.1r4, 2000
title	MODIS Airborne Simulator (MAS) Level-1B Data
ExperimentName	A-TOST
FlightNumber	04-616
FlightDate	17 Nov 2003
SiteLineRun	void
GeographicArea	Southwestern USA
SRF_FTP	ftp://asapdata.arc.nasa.gov/mas/srf/Nov_03/
SRF_dataset	/rarray/calibrat/mas/srf/Nov_03/
FlightLineNumber	1
TotalFlightLines	12
DataUsersGuideSource	http://mas.arc.nasa.gov/
SoftwareVersion	Level-1b Version 10.2.3 UR
CalibrationVersion	Version 1.0 Calibration
data_set	MAS A-TOST
day_night_flag	D
granule_version	1
metadata_version	1.0.0
data_quality	Good
Other_Aircraft_Sensors	NAST-I, NAST-M, in situ O3, S-HIS, VIS
Principal_Investigator	Murray & Smith (LaRC)
Navigational_Precision	Single
lat_UL	35.13495
lon_UL	-114.60154
lat_UR	35.41950
lon_UR	-114.72874
lat_LL	36.13292
lon_LL	-110.98039
lat_LR	36.42489
lon_LR	-111.10059
begin_date	20031117 153002
end_date	20031117 155649
RunTime	339,390 ms, or 33 ms/scanline
CompletionDate	11-Feb-2004 15:19:37
producer_granule_id	MASL1B_04616_01_20031117_1530_1556_V01.hdf