

DC-8 01/26/17 - 01/27/17

Aircraft:

[DC-8 - AFRC](#) ([See full schedule](#))

Flight Number:

1171

Payload Configuration:

ATom-2 Configuration - AMP, AO2, ARMAS, ATHOS, CAFE, CAFS, CAPS, CIT-CIMS, COLAS, DLH, GT-CIMS, HR-AMS, ISAF, Medusa, MMS, NOyO3, PALMS, PANTHER, PFP, Picarro, QCLS, SAGA, SP2, TOGA, UCATS, WAS

Nav Data Collected:

Yes

Archive Data:

[20170126](#) (67 archive (plain-text) files; 4 binary files)

Total Flight Time:

10.4 hours

Comments:

Good Flight. This was the 1st research flight for the ATom campaign as we flew from Palmdale to very near the equator and back to Palmdale. Completed all planned vertical profiles plus one (6 total). Science Instruments performed well and aircraft returned in good shape. The flight was delayed almost 1 hour and 41 minutes in order to wait for ice to be removed from the wing. The ice accumulated after the aircraft was towed to the ramp 3 hours prior to planned takeoff time.

Submitted by:

Timothy Moes on 01/31/17

Flight Segments:

From:	KPMD	To:	KPMD
Start:	01/26/17 17:11 Z	Finish:	01/27/17 03:32 Z
Flight Time:	10.4 hours		
Log Number:	178001	PI:	Steven Wofsy
Funding Source:	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
Purpose of Flight:	Science		

Flight Hour Summary:

	178001
Flight Hours Approved in SOFRS	106
Total Used	107.1
Total Remaining	-1.1

178001 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
01/11/17	1166	Check	1.2	1.2	104.8	
01/11/17	1167	Check	3.8	5	101	
01/24/17 - 01/25/17	1170	Check	7.2	12.2	93.8	
01/26/17 - 01/27/17	1171	Science	10.4	22.6	83.4	
01/29/17 - 01/30/17	1172	Science	9.7	32.3	73.7	
02/01/17 - 02/02/17	1173	Science	8.2	40.5	65.5	
02/03/17 - 02/04/17	1174	Science	9.5	50	56	
02/05/17 - 02/06/17	1175	Science	8.6	58.6	47.4	
02/10/17 - 02/11/17	1176	Science	9.9	68.5	37.5	
02/13/17	1177	Science	9	77.5	28.5	
02/15/17	1178	Science	8.7	86.2	19.8	
02/18/17	1179	Science	7.5	93.7	12.3	

02/19/17 - 02/20/17	1180	Science	7.6	101.3	4.7
02/21/17	1181	Science	5.8	107.1	-1.1

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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