

DC-8 02/05/17 - 02/06/17

Aircraft:

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

Flight Number:

1175

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:

[20170205](#) (67 archive (plain-text) files; 4 binary files)

Total Flight Time:

8.6 hours

Submitted by:

Timothy Moes on 02/06/17

Flight Segments:

From:	NFFN - Nadi, Fiji	To:	NZCH - Christchurch, NZ
Start:	02/05/17 20:32 Z	Finish:	02/06/17 05:07 Z
Flight Time:	8.6 hours		
Log Number:	178001	PI:	Steven Wofsy
Funding Source:	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
Purpose of Flight:	Science		
Comments:	Good Flight. This leg was completed between Nadi, Fiji and Christchurch, NZ and went as far south as 56 deg South latitude. All planned vertical profiles were accomplished and an MMS maneuver was completed at 26kft. The low-approach over Lauder near a TCCON site was not flown due to adverse weather. The aircraft returned with no squawks. The science instruments performed well. On arrival, dissection of the airplane was performed.		

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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