

## DC-8 10/09/17 - 10/10/17

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

Flight Number: 1226

Payload Configuration: ATom-3 configuration - AMP, AO2, ARMAS, ATHOS, CAFE, CAFS, CAPS, CIT-CIMS, DLH, DLH-X, GT-CIMS, ISAF, Medusa, MMS, NOAA-CIMS, NOyO3, PALMS, PANTHER, PFP, Picarro, QCLS, SAGA, SP2, TOGA, UC

Nav Data Collected: Yes

Archive Data: [20171008](#) (78 archive (plain-text) files; 4 binary files)

Total Flight Time: 9.2 hours

Submitted by: Timothy Moes on 10/09/17

### Flight Segments:

<b>From:</b>	NFFN - Nadi International	<b>To:</b>	NZCH - Christchurch International
<b>Start:</b>	10/09/17 20:02 Z	<b>Finish:</b>	10/10/17 05:13 Z
<b>Flight Time:</b>	9.2 hours		
<b>Log Number:</b>	<a href="#">188001</a>	<b>PI:</b>	Steven Wofsy
<b>Funding Source:</b>	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	ATom-3 Science Flight RF05 NFFN-NZCH. This flight included 6.5 vertical profile maneuvers and a descent to 9000 ft over the Lauder TCCON site. The descent was limited to 9000 ft due to clouds. This was a very successful flight. The science instruments did well and the aircraft arrived in Christchurch in good shape.		

### Flight Hour Summary:

	<b>188001</b>
<b>Flight Hours Approved in SOFRS</b>	107.6
<b>Total Used</b>	103.5
<b>Total Remaining</b>	4.1

### 188001 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/01/17 - 10/02/17</a>	1223	Science	10	10	97.6	
<a href="#">10/04/17 - 10/05/17</a>	1224	Science	7.4	17.4	90.2	
<a href="#">10/06/17 - 10/07/17</a>	1225	Science	8.9	26.3	81.3	
<a href="#">10/09/17 - 10/10/17</a>	1226	Science	9.2	35.5	72.1	
<a href="#">10/12/17 - 10/13/17</a>	1227	Science	9.9	45.4	62.2	
<a href="#">10/14/17</a>	1228	Science	10.7	56.1	51.5	
<a href="#">10/17/17</a>	1229	Science	9.5	65.6	42	
<a href="#">10/19/17</a>	1230	Science	4.6	70.2	37.4	
<a href="#">10/20/17</a>	1231	Science	7.7	77.9	29.7	
<a href="#">10/23/17</a>	1232	Science	9.5	87.4	20.2	
<a href="#">10/25/17</a>	1233	Science	9.6	97	10.6	
<a href="#">10/27/17 - 10/28/17</a>	1234	Science	6.5	103.5	4.1	

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.

### Related Science Report:

## ATom - DC-8 10/09/17 Science Report

**Mission:** ATom

**Mission Summary:**

Science report for ATom-3 NAN-CHC flight

**File:**

 [NAN-CHC Report draft.pdf](#)

**Submitted by:** Erin Czech on 05/30/18

Page Last Updated: April 22, 2017

Page Editor: Katja Drdla

NASA Official: Marilyn Vasques

---

**Source URL:** [https://espoarchive.nasa.gov/flight\\_reports/DC-8\\_10\\_09\\_17\\_-\\_10\\_10\\_17#comment-0](https://espoarchive.nasa.gov/flight_reports/DC-8_10_09_17_-_10_10_17#comment-0)