

## DC-8 10/25/17

**Aircraft:**

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

**Flight Number:**

1233

**Payload Configuration:**

ATom-3 configuration - AMP, AO2, ARMAS, ATHOS, CAFE, CAFS, CAPS, CIT-CIMS, DLH, DLH-X, GT-CIMS, HR-AMS, ISAF, Medusa, MMS, NOAA-CIMS, NOyO3, PALMS, PANTHER, PFP, Picarro, QCLS, SAGA, SP2, TOGA, UCATS, WAS

**Nav Data Collected:**

Yes

**Archive Data:**

[20171025](#) (77 archive (plain-text) files; 4 binary files)

**Total Flight Time:**

9.6 hours

**Submitted by:**

Timothy Moes on 10/26/17

**Flight Segments:**

<b>From:</b>	KBGR - Bangor International	<b>To:</b>	PANC - Anchorage International
<b>Start:</b>	10/25/17 14:02 Z	<b>Finish:</b>	10/25/17 23:35 Z
<b>Flight Time:</b>	9.6 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 RF12 KBGR-PANC. Completed 7 vertical profile maneuvers including a low-approach over the Deadhorse Airport runway at Prudhoe Bay. Max Latitude was 80 deg N. CAFS zenith sensor was INOP the whole flight. Other than that, the science instruments did well and the aircraft returned in good shape. Troubleshooting of the CAFS instrument will occur tomorrow.		

**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	

[10/27/17 - 10/28/17](#)

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 10/25/17 Science Report

**Mission:**

ATom

**Mission Summary:**

BANGOR-ANCHORAGE ATom III Report

**File:**

[BANGOR-ANCHORAGE ATom III Report.pdf](#)

**Submitted by:**

Erin Czech on 05/29/18

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