

## DC-8 11/03/11

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

**Flight Number:** 120118

**Payload Configuration:** DC-8 OIB Deployment - Chile 2011

**Nav Data Collected:** Yes

**Total Flight Time:** 11.7 hours

**Comments:** Science flight over the Getz Ice Shelf area southwest of the peninsula region. Included over flight of Thwaites Iceberg Tongue, Dodson Ice Shelf, & Peter the First Island. Data collection altitude was approximately 1500 ft AGL where ATM, DMS, Ku radar, Snow radar, MCords radar and Gravimeter collected data. In route cruise altitude to start of data runs was FL350 and return flight was at FL400. Getz Ice Shelf data start/stop times (UTC) were approximately 1601/1937. Weather at Getz was clear with light winds allowing for 100% data collected on each ground track. After completing all data tracks then the return course included a high altitude (FL400) over flight of Peter the First Island. Two calibration ramp pass were accomplished at the beginning of the flight at times 1206 & 1214 UTC. Takeoff time at 307 11 59 43 & landing at 307 23 34 03. 5.5 hrs science data collection.

**Submitted by:** Frank Cutler on 11/16/11

### Flight Segments:

<b>From:</b>	Punta Arenas, Chile	<b>To:</b>	Punta Arenas, Chile
<b>Start:</b>	11/03/11 11:59 Z	<b>Finish:</b>	11/03/11 23:39 Z
<b>Flight Time:</b>	11.7 hours		
<b>Log Number:</b>	<a href="#">128005</a>	<b>PI:</b>	Michael Studinger
<b>Funding Source:</b>	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
<b>Purpose of Flight:</b>	Science		

### Flight Hour Summary:

	118008	128005
<b>Flight Hours Approved in SOFRS</b>		356
<b>Total Used</b>	0	308.7
<b>Total Remaining</b>		47.3

### 128005 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/04/11</a>	120101	Check	2.7	2.7	353.3	
<a href="#">10/05/11</a>	120102	Check	3.6	6.3	349.7	
<a href="#">10/09/11 - 10/10/11</a>	120103	Ferry	10.4	16.7	339.3	
<a href="#">10/10/11</a>	120104	Ferry	3.3	20	336	
<a href="#">10/12/11</a>	120105	Science	11.9	31.9	324.1	
<a href="#">10/13/11</a>	120106	Science	11.2	43.1	312.9	
<a href="#">10/14/11</a>	120107	Science	11.5	54.6	301.4	
<a href="#">10/17/11</a>	120108	Science	11.5	66.1	289.9	
<a href="#">10/18/11</a>	120109	Science	11	77.1	278.9	
<a href="#">10/20/11</a>	120110	Science	11.7	88.8	267.2	
<a href="#">10/21/11</a>	120111	Science	11	99.8	256.2	
<a href="#">10/23/11</a>	120112	Science	11.8	111.6	244.4	
<a href="#">10/24/11</a>	120113	Science	10.7	122.3	233.7	
<a href="#">10/25/11</a>	120114	Science	11.5	133.8	222.2	
<a href="#">10/26/11</a>	120115	Science	11.3	145.1	210.9	
<a href="#">10/29/11</a>	120116	Science	11.6	156.7	199.3	
<a href="#">10/30/11</a>	120117	Science	11.7	168.4	187.6	
<a href="#">11/03/11</a>	120118	Science	11.7	180.1	175.9	
<a href="#">11/04/11 - 11/05/11</a>	120119	Science	11.6	191.7	164.3	
<a href="#">11/07/11</a>	120120	Science	12	203.7	152.3	

<a href="#">11/09/11 - 11/10/11</a>	120121	Science	12.5	216.2	139.8
<a href="#">11/11/11 - 11/12/11</a>	120122	Science	11	227.2	128.8
<a href="#">11/12/11 - 11/13/11</a>	120123	Science	11.6	238.8	117.2
<a href="#">11/13/11</a>	120124	Science	11.2	250	106
<a href="#">11/14/11</a>	120125	Science	9.7	259.7	96.3
<a href="#">11/16/11</a>	120126	Science	11.8	271.5	84.5
<a href="#">11/17/11</a>	120127	Science	11.2	282.7	73.3
<a href="#">11/19/11</a>	120128	Science	11.1	293.8	62.2
<a href="#">11/22/11</a>	120131	Ferry	0.4	294.2	61.8
<a href="#">11/22/11</a>	120129	Ferry	3.3	297.5	58.5
<a href="#">11/22/11 - 11/23/11</a>	120130	Ferry	11.1	308.6	47.4

**Source URL:** [https://espo.nasa.gov/oracles/flight\\_reports/DC-8\\_11\\_03\\_11#comment-0](https://espo.nasa.gov/oracles/flight_reports/DC-8_11_03_11#comment-0)

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

NASA Official: Marilyn Vasques

**Related Science Report:**

## OIB - DC-8 11/03/11 Science Report


**Mission:** OIB

**Mission Summary:**

This is an old format science report that was automatically transferred in its original format.

**File:**

 [IceBridge\\_2011-11-03\\_DC-8\\_Report.pdf](#)

 [IceBridge\\_2011-11-03\\_DC-8\\_Plan.pdf](#)

**Submitted by:** Jhony R. Zavaleta on 11/03/11

*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.*