

## DC-8 - AFRC 08/07/19 - 08/08/19

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

Flight Number: 1341

Payload Configuration: FIREX-AQ 2019 Configuration

Nav Data Collected: Yes

Total Flight Time: 6.7 hours

Submitted by: Charles E. Irving on 08/08/19

### Flight Segments:

<b>From:</b>	KBOI	<b>To:</b>	KBOI
<b>Start:</b>	08/07/19 20:59 Z	<b>Finish:</b>	08/08/19 03:42 Z
<b>Flight Time:</b>	6.7 hours		
<b>Log Number:</b>	<a href="#">198002</a>	<b>PI:</b>	Barry Lefer
<b>Funding Source:</b>	Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program		
<b>Purpose of Flight:</b>	Science		
<b>Miles Flown:</b>	2881 miles		
<b>Comments:</b>	First area sampled was in vicinity of Snow Peak fire flown the previous flight. Primary objective was aged smoke from the Williams Flats fire. Then transitioned to the Williams Flats fire near Spokane and sampled that plume for the rest of the data collection period. The TAWS and flight recorder faults returned approx 5 hours into flight. Also, the NOAA PTRMS instrument was not operating for portions of the flight.		

### Flight Hour Summary:

	<b>198002</b>
<b>Flight Hours Approved in SOFRS</b>	150
<b>Total Used</b>	158.1
<b>Total Remaining</b>	-8.1


### 198002 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">07/09/19 - 07/10/19</a>	1325	Check	3	3	147	1020
<a href="#">07/15/19 - 07/16/19</a>	1327	Check	3.5	6.5	143.5	1505
<a href="#">07/22/19 - 07/23/19</a>	1333	Science	6.8	13.3	136.7	2924
<a href="#">07/24/19 - 07/25/19</a>	1334	Science	3.4	16.7	133.3	1462
<a href="#">07/25/19 - 07/26/19</a>	1335	Science	6.1	22.8	127.2	2623
<a href="#">07/29/19 - 07/30/19</a>	1336	Science	6.9	29.7	120.3	2967
<a href="#">07/30/19 - 07/31/19</a>	1337	Science	7.2	36.9	113.1	3096
<a href="#">08/02/19 - 08/03/19</a>	1338	Science	6.1	43	107	2752
<a href="#">08/03/19 - 08/04/19</a>	1339	Science	6.8	49.8	100.2	2924
<a href="#">08/06/19 - 08/07/19</a>	1340	Science	7.5	57.3	92.7	3225
<a href="#">08/07/19 - 08/08/19</a>	1341	Science	6.7	64	86	2881
<a href="#">08/08/19 - 08/09/19</a>	1342	Science	6.4	70.4	79.6	2752

<a href="#">08/12/19 - 08/13/19</a>	1343	Science	7.8	78.2	71.8	3354
<a href="#">08/13/19 - 08/14/19</a>	1344	Science	7.6	85.8	64.2	3268
<a href="#">08/15/19 - 08/16/19</a>	1345	Science	6.5	92.3	57.7	2795
<a href="#">08/16/19 - 08/17/19</a>	1346	Science	7.5	99.8	50.2	3225
<a href="#">08/19/19</a>	1347	Transit	2.2	102	48	946
<a href="#">08/21/19</a>	1348	Science	6.5	108.5	41.5	2580
<a href="#">08/23/19</a>	1349	Science	6.9	115.4	34.6	2967
<a href="#">08/26/19 - 08/27/19</a>	1350	Science	8.1	123.5	26.5	3483
<a href="#">08/29/19</a>	1351	Science	5.3	128.8	21.2	2279
<a href="#">08/30/19</a>	1352	Science	8.8	137.6	12.4	3784
<a href="#">08/31/19 - 09/01/19</a>	1353	Science	7.2	144.8	5.2	3096
<a href="#">09/03/19</a>	1354	Science	7.7	152.5	-2.5	0
<a href="#">09/05/19</a>	1355	Transit	5.6	158.1	-8.1	0

*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.*

**Flight Tracks:**

Attachment	Size
 <a href="#">DC8 FLIGHT TRACK 8.7.19.kmz</a>	215.48 KB

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