

## B-200 (UC-12B) - LARC 09/29/20

Aircraft: [B-200 \(UC-12B\) - LARC](#) (See full schedule)

Flight Number: Activate Flight 31

Payload Configuration: HSRL II/RSP

Nav Data Collected: No

Total Flight Time: 4 hours

Submitted by: Luke Delaney on 09/29/20

### Flight Segments:

<b>From:</b>	KLFI	<b>To:</b>	KLFI
<b>Start:</b>	09/29/20 14:03 Z	<b>Finish:</b>	09/29/20 18:03 Z
<b>Flight Time:</b>	4 hours		
<b>Log Number:</b>	<a href="#">20B003</a>	<b>PI:</b>	Armin Sorooshian
<b>Funding Source:</b>	Barry Lefer - NASA - SMD - ESD Earth Venture Suborbital-3 Program		
<b>Purpose of Flight:</b>	Science		
<b>Miles Flown:</b>	843 miles		
<b>Comments:</b>	ACTIVATE Flight. Process study conducted in the vicinity of 37N070W. High stratus layer was present around FL200 from departure until just prior to target area. Limited cloud formations of interest were identified for process study profile, though a small sample population of CB's were investigated by HSRL instrument from FL280 to the ocean surface.		

### Flight Hour Summary:

	<b>20B003</b>
<b>Flight Hours Approved in SOFRS</b>	138.3
<b>Total Used</b>	138.3
<b>Total Remaining</b>	0

### 20B003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">12/16/19</a>	Activate CFP	Check	1.2	1.2	137.1	0
<a href="#">12/16/19</a>	Activate ICF	Science	1.7	2.9	135.4	0
<a href="#">02/10/20</a>	Activate Flight 1	Science	2.5	5.4	132.9	0
<a href="#">02/13/20</a>	Activate Flight 2	Science	2.5	7.9	130.4	0
<a href="#">02/14/20</a>	Activate Flight 3	Science	3.5	11.4	126.9	0
<a href="#">02/15/20</a>	Activate Flight 4	Science	3.3	14.7	123.6	0
<a href="#">02/17/20</a>	Activate Flight 5	Science	3.3	18	120.3	0
<a href="#">02/27/20</a>	Activate Flight 6	Science	3.5	21.5	116.8	0
<a href="#">02/28/20</a>	Activate Flight 6	Science	4.3	25.8	112.5	0
<a href="#">02/28/20</a>	Activate Flight 6	Science	4.2	30	108.3	0
<a href="#">02/29/20</a>	Activate Flight 7	Science	3.4	33.4	104.9	0
<a href="#">03/01/20</a>	Activate Flight 8	Science	3.8	37.2	101.1	0
<a href="#">03/01/20</a>	Activate Flight 8	Science	3.5	40.7	97.6	0

<a href="#">03/02/20</a>	Activate Flight 9	Science	3.3	44	94.3	0
<a href="#">03/06/20</a>	Activate Flight 10	Science	3.6	47.6	90.7	0
<a href="#">03/08/20</a>	Activate Flight 11	Science	2.9	50.5	87.8	0
<a href="#">03/08/20</a>	Activate Flight 11	Science	3.5	54	84.3	0
<a href="#">03/09/20</a>	Activate Flight 12	Science	3.7	57.7	80.6	0
<a href="#">03/11/20</a>	Activate Flight 12	Science	3.1	60.8	77.5	0
<a href="#">03/12/20</a>	Activate Flight 13	Science	3.6	64.4	73.9	0
<a href="#">03/12/20</a>	Activate Flight 13	Science	3.5	67.9	70.4	0
<a href="#">08/11/20</a>	Activate Flight 14	Science	2.7	70.6	67.7	0
<a href="#">08/13/20</a>	Activate Flight 15	Science	3.5	74.1	64.2	400
<a href="#">08/17/20</a>	Activate Flight 16	Science	3.7	77.8	60.5	725
<a href="#">08/20/20</a>	Activate Flight 17	Science	3.6	81.4	56.9	0
<a href="#">08/21/20</a>	Activate Flight 18	Science	3.6	85	53.3	700
<a href="#">08/25/20</a>	Activate Flight 19	Science	4.1	89.1	49.2	0
<a href="#">08/26/20</a>	Activate Flight 20	Science	3.8	92.9	45.4	0
<a href="#">08/28/20</a>	Activate Flight 21	Science	4.1	97	41.3	0
<a href="#">09/02/20</a>	Activate Flight 22	Science	3.9	100.9	37.4	700
<a href="#">09/03/20</a>	Activate Flight 23	Science	3.8	104.7	33.6	0
<a href="#">09/10/20</a>	Activate Flight 24	Science	3.1	107.8	30.5	660
<a href="#">09/11/20</a>	Activate Flight 25	Science	3.6	111.4	26.9	680
<a href="#">09/15/20</a>	Activate Flight 26	Science	3.8	115.2	23.1	700
<a href="#">09/16/20</a>	Activate Flight 27	Science	3.7	118.9	19.4	770
<a href="#">09/21/20</a>	Activate Flight 28	Science	4	122.9	15.4	783
<a href="#">09/22/20</a>	Activate Flight 29	Science	4.2	127.1	11.2	800
<a href="#">09/23/20</a>	Activate Flight 30	Science	3.6	130.7	7.6	800
<a href="#">09/29/20</a>	Activate Flight 31	Science	4	134.7	3.6	843
<a href="#">09/30/20</a>	Activate Flight 32	Science	3.6	138.3	0	620

*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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