

## B-200 (UC-12B) - LARC 09/16/20

**NOTE:** All flight reports will be archived as NASA public data in the DAAC.

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

**Flight Number:** Activate Flight 27

**Payload Configuration:** HSRL II/RSP

**Nav Data Collected:** No

**Total Flight Time:** 3.7 hours

**Submitted by:** Matthew Coldsnow on 09/21/20

**Flight Segments:**

<b>From:</b>	KLFI	<b>To:</b>	KLFI
<b>Start:</b>	09/16/20 15:50 Z	<b>Finish:</b>	09/16/20 19:35 Z
<b>Flight Time:</b>	3.7 hours		
<b>Log Number:</b>	<a href="#">20B003</a>	<b>PI:</b>	Armin Sorooshian
<b>Funding Source:</b>	Hal Maring - NASA - SMD - ESD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Miles Flown:</b>	770 miles		
<b>Comments:</b>	ACTIVATE science flight in conjunction with NASA524 over Atlantic ocean. HSRL and dropsonds not tested due to TCAS failure. Star pattern flown at FL280 with RSP sensor only.		

**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

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<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

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*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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