

## B-200 (UC-12B) - LARC 02/28/20

**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 6

**Payload Configuration:** HSRL II/RSP

**Nav Data Collected:** No

**Total Flight Time:** 8.5 hours

**Submitted by:** Taylor Thorson on 04/17/20

**Flight Segments:**

|                           |   |                |                  |
|---------------------------|---|----------------|------------------|
| <b>From:</b>              | klfi  | <b>To:</b>     | kphf             |
| <b>Start:</b>             | 02/28/20 14:04 Z  | <b>Finish:</b> | 02/28/20 18:19 Z |
| <b>Flight Time:</b>       | 4.3 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>Comments:</b>          | Activate flight over Atlantic                           |                |                  |

|                           |   |                |                  |
|---------------------------|---|----------------|------------------|
| <b>From:</b>              | kphf  | <b>To:</b>     | kphf             |
| <b>Start:</b>             | 02/28/20 19:20 Z  | <b>Finish:</b> | 02/28/20 23:30 Z |
| <b>Flight Time:</b>       | 4.2 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>Comments:</b>          | Activate flight over Atlantic                           |                |                  |

**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           |

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|                          |                    |         |     |       |       |     |
|--------------------------|--------------------|---------|-----|-------|-------|-----|
| <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 |

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|--------------------------|-----------------------|---------|-----|-------|-----|-----|
| <a href="#">09/29/20</a> | Activate Flight<br>31 | Science | 4   | 134.7 | 3.6 | 843 |
| <a href="#">09/30/20</a> | Activate Flight<br>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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