

B-200 (UC-12B) - LARC 05/18/21

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 57 (Researcher #66) (Update each flight)

Payload Configuration: HSRL II/RSP

Nav Data Collected: No

Total Flight Time: 3.6 hours

Submitted by: Michael S. Wusk on 05/18/21

Flight Segments:

| | | | |
|---------------------------|---|----------------|------------------|
| From: | KLFI | To: | KLFI |
| Start: | 05/18/21 15:29 Z | Finish: | 05/18/21 19:05 Z |
| Flight Time: | 3.6 hours | | |
| Log Number: | 21B005 | PI: | Armin Sorooshian |
| Funding Source: | Hal Maring - NASA - SMD - ESD Radiation Science Program | | |
| Purpose of Flight: | Science | | |
| Miles Flown: | 720 miles | | |

Flight Hour Summary:

| | |
|---------------------------------------|---------------|
| | 21B005 |
| Flight Hours Approved in SOFRS | 200 |
| Total Used | 180 |
| Total Remaining | 20 |

21B005 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|---|-------------------|----------|---------------|-----------------|-------------|
| 01/20/21 | Activate Flight 33 | Science | 3 | 3 | 197 | 600 |
| 01/29/21 | Activate Flight 34 | Science | 3 | 6 | 194 | 700 |
| 02/03/21 | Activate Flight 35 | Science | 3.3 | 9.3 | 190.7 | 700 |
| 02/10/21 | Activate Flight 36 | Science | 3.7 | 13 | 187 | 670 |
| 02/20/21 | Activate Flight 37 (Researcher #46) | Science | 3.3 | 16.3 | 183.7 | 600 |
| 02/21/21 | Activate Flight 38 (Researcher #47) | Science | 4 | 20.3 | 179.7 | 650 |
| 03/04/21 | Activate Flight 39 (Researcher #48) | Science | 3.1 | 23.4 | 176.6 | 620 |
| 03/05/21 | Activate Flight 40 (Researcher #49) | Science | 3.5 | 26.9 | 173.1 | 706 |
| 03/05/21 | Activate Flight 41 (Researcher #50) | Science | 3.3 | 30.2 | 169.8 | 650 |
| 03/08/21 | Activate Flight 42 (Researcher #51) | Science | 3.3 | 33.5 | 166.5 | 680 |
| 03/09/21 | Activate Flight 43 (Researcher #52) | Science | 3.4 | 36.9 | 163.1 | 708 |
| 03/12/21 | Activate Flight 44/45 (Researcher #53/54) | Science | 3.4 | 40.3 | 159.7 | 700 |
| 03/12/21 | Activate Flight 44/45 (Researcher #53/54) | Science | 3.5 | 43.8 | 156.2 | 700 |
| 03/20/21 | Activate Flight 46 (Researcher #55) | Science | 3.4 | 47.2 | 152.8 | 705 |
| 03/23/21 | Activate Flight 47 (Researcher #56) | Science | 4.1 | 51.3 | 148.7 | 704 |

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|--------------------------|--|---------|-----|-------|-------|-----|
| 03/29/21 | Activate Flight 48 (Researcher #57) (Update each flight) | Science | 3.9 | 55.2 | 144.8 | 767 |
| 03/30/21 | Activate Flight 49 (Researcher #58) (Update each flight) | Science | 3.4 | 58.6 | 141.4 | 712 |
| 03/30/21 | Activate Flight 50 (Researcher #59) (Update each flight) | Science | 3.6 | 62.2 | 137.8 | 797 |
| 04/02/21 | Activate Flight 51 (Researcher #60) (Update each flight) | Science | 2.6 | 64.8 | 135.2 | 710 |
| 04/02/21 | Activate Flight 51 (Researcher #61) (Update each flight) | Science | 4.7 | 69.5 | 130.5 | 710 |
| 05/12/21 | Activate Flight 52 (Researcher ICF) (Update each flight) | Science | 1.3 | 70.8 | 129.2 | 250 |
| 05/13/21 | Activate Flight 53 (Researcher #62) (Update each flight) | Science | 3.7 | 74.5 | 125.5 | 0 |
| 05/14/21 | Activate Flight 54/55 (Researcher #63/64) (Update each flight) | Science | 3.7 | 78.2 | 121.8 | 730 |
| 05/14/21 | Activate Flight 54/55 (Researcher #63/64) (Update each flight) | Science | 3.5 | 81.7 | 118.3 | 720 |
| 05/15/21 | Activate Flight 56 (Researcher #65) (Update each flight) | Science | 3.5 | 85.2 | 114.8 | 0 |
| 05/18/21 | Activate Flight 57 (Researcher #66) (Update each flight) | Science | 3.6 | 88.8 | 111.2 | 720 |
| 05/19/21 | Activate Flight 58 (Researcher #67) (Update each flight) | Science | 3.4 | 92.2 | 107.8 | 710 |
| 05/19/21 | Activate Flight 59 (Researcher #68) (Update each flight) | Science | 3.4 | 95.6 | 104.4 | 720 |
| 05/20/21 | Activate Flight 60 (Researcher #69) (Update each flight) | Science | 3.8 | 99.4 | 100.6 | 710 |
| 05/21/21 | Activate Flight 61 (Researcher #70) (Update each flight) | Science | 3.6 | 103 | 97 | 750 |
| 05/21/21 | Activate Flight 62 (Researcher #71) (Update each flight) | Science | 3.3 | 106.3 | 93.7 | 710 |
| 05/25/21 | Activate Flight 63 (Researcher #72) (Update each flight) | Science | 3.4 | 109.7 | 90.3 | 713 |
| 05/26/21 | Activate Flight 64/65 (Researcher #73/74) (Update each flight) | Science | 3.3 | 113 | 87 | 700 |
| 05/26/21 | Activate Flight 64/65 (Researcher #73/74) (Update each flight) | Science | 3.3 | 116.3 | 83.7 | 722 |
| 06/01/21 | Activate Flight 66 (Researcher #75) (Update each flight) | Science | 3.6 | 119.9 | 80.1 | 710 |
| 06/02/21 | Activate Flight 67/68 (Researcher #76/77) (Update each flight) | Science | 3.4 | 123.3 | 76.7 | 0 |
| 06/02/21 | Activate Flight 67/68 (Researcher #76/77) (Update each flight) | Science | 3.1 | 126.4 | 73.6 | 0 |
| 06/05/21 | Activate Flight 69 (Researcher #78) (Update each flight) | Science | 3.4 | 129.8 | 70.2 | 726 |
| 06/07/21 | Activate Flight 70/71 (Researcher #79/80) (Update each flight) | Science | 3.5 | 133.3 | 66.7 | 720 |
| 06/07/21 | Activate Flight 70/71 (Researcher #79/80) (Update each flight) | Science | 2.9 | 136.2 | 63.8 | 690 |

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|--------------------------|---|---------|-----|-------|------|-----|
| 06/08/21 | Activate Flight 72/73 (Researcher #81/82) (Update each flight) | Science | 3.3 | 139.5 | 60.5 | 720 |
| 06/08/21 | Activate Flight 72/73 (Researcher #81/82) (Update each flight) | Science | 3.6 | 143.1 | 56.9 | 720 |
| 06/15/21 | Activate Flight 74 (Researcher #83) (Update each flight) | Science | 3.2 | 146.3 | 53.7 | 680 |
| 06/16/21 | Activate Flight 75 (Researcher #84) (Update each flight) | Science | 3.7 | 150 | 50 | 690 |
| 06/17/21 | Activate Flight 76 (Researcher #85) (Update each flight) | Science | 3 | 153 | 47 | 600 |
| 06/22/21 | Activate Flight 77 (Researcher #86) (Update each flight) | Science | 3.3 | 156.3 | 43.7 | 690 |
| 06/24/21 | Activate Flight 78 (Researcher #87) (Update each flight) | Science | 3.5 | 159.8 | 40.2 | 690 |
| 06/26/21 | Activate Flight 79/80 (Researcher #88/89) (Update each flight) | Science | 3.4 | 163.2 | 36.8 | 690 |
| 06/26/21 | Activate Flight 79/80 (Researcher #88/89) (Update each flight) | Science | 3.4 | 166.6 | 33.4 | 680 |
| 06/28/21 | Activate Flight 81 (Researcher #90) (Update each flight) | Science | 3.3 | 169.9 | 30.1 | 690 |
| 06/29/21 | Activate Flight 82 (Researcher #91) (Update each flight) | Science | 3.3 | 173.2 | 26.8 | 687 |
| 06/30/21 | Activate Flight 83/84 (Researcher #92/93) (Update each flight) | Science | 3.4 | 176.6 | 23.4 | 685 |
| 06/30/21 | Activate Flight 83/84 (Researcher #92/93) (Update each flight) | Science | 3.4 | 180 | 20 | 680 |

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.

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

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Source URL: https://airbornescience.nasa.gov/flight_reports/B-200_UC-12B_-_LARC_05_18_21