

## B-200 (UC-12B) - LARC 05/25/21

**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 63 (Researcher #72) (Update each flight)

**Payload Configuration:** HSRL II/RSP

**Nav Data Collected:** No

**Total Flight Time:** 3.4 hours

**Submitted by:** Michael S. Wusk on 05/25/21

**Flight Segments:**

<b>From:</b>	KLFI	<b>To:</b>	KLFI
<b>Start:</b>	05/25/21 15:56 Z	<b>Finish:</b>	05/25/21 19:20 Z
<b>Flight Time:</b>	3.4 hours		
<b>Log Number:</b>	<a href="#">21B005</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>	713 miles		
<b>Comments:</b>	Science flight for the UC-12 in support of ACTIVATE, conducted cooperatively with the HU-25. One flight day. Departed Rwy08, IFR routed to the North and west on departure, eventual turn to ECG climbing to FL270. Planned route ECG-OXANA-32N074W-OXANA-ECG, researchers requested change of Waypoint to 32N073W enroute. Coordinated change with Washington, also got FL280 headed out to OXANA. Winds were out of the north at ~20-30kts at altitude. Aircraft geolocation was generally within ~10-20 nmi during the flight. Remained at FL280 until 15nm south of ECG. All objectives were achieved with no aircraft discrepancies noted. Crew was Thorson, Wusk, Seaman. Aircraft should be ready for planned two flight day tomorrow.		

**Flight Hour Summary:**

	<b>21B005</b>
<b>Flight Hours Approved in SOFRS</b>	200
<b>Total Used</b>	180
<b>Total Remaining</b>	20

### 21B005 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">01/20/21</a>	Activate Flight 33	Science	3	3	197	600
<a href="#">01/29/21</a>	Activate Flight 34	Science	3	6	194	700
<a href="#">02/03/21</a>	Activate Flight 35	Science	3.3	9.3	190.7	700
<a href="#">02/10/21</a>	Activate Flight 36	Science	3.7	13	187	670
<a href="#">02/20/21</a>	Activate Flight 37 (Researcher #46)	Science	3.3	16.3	183.7	600
<a href="#">02/21/21</a>	Activate Flight 38 (Researcher #47)	Science	4	20.3	179.7	650
<a href="#">03/04/21</a>	Activate Flight 39 (Researcher #48)	Science	3.1	23.4	176.6	620
<a href="#">03/05/21</a>	Activate Flight 40 (Researcher #49)	Science	3.5	26.9	173.1	706
<a href="#">03/05/21</a>	Activate Flight 41 (Researcher #50)	Science	3.3	30.2	169.8	650
<a href="#">03/08/21</a>	Activate Flight 42 (Researcher #51)	Science	3.3	33.5	166.5	680
<a href="#">03/09/21</a>	Activate Flight 43 (Researcher #52)	Science	3.4	36.9	163.1	708

<a href="#">03/12/21</a>	Activate Flight 44/45(Researcher #53/54)	Science	3.4	40.3	159.7	700
<a href="#">03/12/21</a>	Activate Flight 44/45(Researcher #53/54)	Science	3.5	43.8	156.2	700
<a href="#">03/20/21</a>	Activate Flight 46 (Researcher #55)	Science	3.4	47.2	152.8	705
<a href="#">03/23/21</a>	Activate Flight 47 (Researcher #56)	Science	4.1	51.3	148.7	704
<a href="#">03/29/21</a>	Activate Flight 48 (Researcher #57) (Update each flight)	Science	3.9	55.2	144.8	767
<a href="#">03/30/21</a>	Activate Flight 49 (Researcher #58) (Update each flight)	Science	3.4	58.6	141.4	712
<a href="#">03/30/21</a>	Activate Flight 50 (Researcher #59) (Update each flight)	Science	3.6	62.2	137.8	797
<a href="#">04/02/21</a>	Activate Flight 51 (Researcher #60) (Update each flight)	Science	2.6	64.8	135.2	710
<a href="#">04/02/21</a>	Activate Flight 51 (Researcher #61) (Update each flight)	Science	4.7	69.5	130.5	710
<a href="#">05/12/21</a>	Activate Flight 52 (Researcher ICF) (Update each flight)	Science	1.3	70.8	129.2	250
<a href="#">05/13/21</a>	Activate Flight 53 (Researcher #62) (Update each flight)	Science	3.7	74.5	125.5	0
<a href="#">05/14/21</a>	Activate Flight 54/55 (Researcher #63/64) (Update each flight)	Science	3.7	78.2	121.8	730
<a href="#">05/14/21</a>	Activate Flight 54/55 (Researcher #63/64) (Update each flight)	Science	3.5	81.7	118.3	720
<a href="#">05/15/21</a>	Activate Flight 56 (Researcher #65) (Update each flight)	Science	3.5	85.2	114.8	0
<a href="#">05/18/21</a>	Activate Flight 57 (Researcher #66) (Update each flight)	Science	3.6	88.8	111.2	720
<a href="#">05/19/21</a>	Activate Flight 58 (Researcher #67) (Update each flight)	Science	3.4	92.2	107.8	710
<a href="#">05/19/21</a>	Activate Flight 59 (Researcher #68) (Update each flight)	Science	3.4	95.6	104.4	720
<a href="#">05/20/21</a>	Activate Flight 60 (Researcher #69) (Update each flight)	Science	3.8	99.4	100.6	710
<a href="#">05/21/21</a>	Activate Flight 61 (Researcher #70) (Update each flight)	Science	3.6	103	97	750
<a href="#">05/21/21</a>	Activate Flight 62 (Researcher #71) (Update each flight)	Science	3.3	106.3	93.7	710
<a href="#">05/25/21</a>	Activate Flight 63 (Researcher #72) (Update each flight)	Science	3.4	109.7	90.3	713
<a href="#">05/26/21</a>	Activate Flight 64/65 (Researcher #73/74) (Update each flight)	Science	3.3	113	87	700
<a href="#">05/26/21</a>	Activate Flight 64/65 (Researcher #73/74) (Update each flight)	Science	3.3	116.3	83.7	722
<a href="#">06/01/21</a>	Activate Flight 66 (Researcher #75) (Update each flight)	Science	3.6	119.9	80.1	710
<a href="#">06/02/21</a>	Activate Flight 67/68 (Researcher #76/77) (Update each flight)	Science	3.4	123.3	76.7	0
<a href="#">06/02/21</a>	Activate Flight 67/68 (Researcher #76/77) (Update each flight)	Science	3.1	126.4	73.6	0

<a href="#">06/05/21</a>	Activate Flight 69 (Researcher #78) (Update each flight)	Science	3.4	129.8	70.2	726
<a href="#">06/07/21</a>	Activate Flight 70/71 (Researcher #79/80) (Update each flight)	Science	3.5	133.3	66.7	720
<a href="#">06/07/21</a>	Activate Flight 70/71 (Researcher #79/80) (Update each flight)	Science	2.9	136.2	63.8	690
<a href="#">06/08/21</a>	Activate Flight 72/73 (Researcher #81/82) (Update each flight)	Science	3.3	139.5	60.5	720
<a href="#">06/08/21</a>	Activate Flight 72/73 (Researcher #81/82) (Update each flight)	Science	3.6	143.1	56.9	720
<a href="#">06/15/21</a>	Activate Flight 74 (Researcher #83) (Update each flight)	Science	3.2	146.3	53.7	680
<a href="#">06/16/21</a>	Activate Flight 75 (Researcher #84) (Update each flight)	Science	3.7	150	50	690
<a href="#">06/17/21</a>	Activate Flight 76 (Researcher #85) (Update each flight)	Science	3	153	47	600
<a href="#">06/22/21</a>	Activate Flight 77 (Researcher #86) (Update each flight)	Science	3.3	156.3	43.7	690
<a href="#">06/24/21</a>	Activate Flight 78 (Researcher #87) (Update each flight)	Science	3.5	159.8	40.2	690
<a href="#">06/26/21</a>	Activate Flight 79/80 (Researcher #88/89) (Update each flight)	Science	3.4	163.2	36.8	690
<a href="#">06/26/21</a>	Activate Flight 79/80 (Researcher #88/89) (Update each flight)	Science	3.4	166.6	33.4	680
<a href="#">06/28/21</a>	Activate Flight 81 (Researcher #90) (Update each flight)	Science	3.3	169.9	30.1	690
<a href="#">06/29/21</a>	Activate Flight 82 (Researcher #91) (Update each flight)	Science	3.3	173.2	26.8	687
<a href="#">06/30/21</a>	Activate Flight 83/84 (Researcher #92/93) (Update each flight)	Science	3.4	176.6	23.4	685
<a href="#">06/30/21</a>	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.*

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