

B-200 - LARC 01/18/13 - 01/19/13

Aircraft:

[B-200 - LARC \(See full schedule\)](#)

Flight Number:

2013 DISCOVER AQ R-006

Payload Configuration:

HSRL 2 and ACAM

Nav Data Collected:

No

Total Flight Time:

7.4 hours

Submitted by:

Michael S. Wusk on 01/18/13

Flight Segments:

From:	KPMD	To:	KPMD
Start:	01/18/13 15:30 Z	Finish:	01/18/13 19:08 Z
Flight Time:	3.6 hours		
Log Number:	13B201	PI:	James Crawford
Funding Source:	Hal Maring - NASA - SMD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	Conducted DISCOVER AQ flight of SJV. HSRL suffered a research power glitch about half way through the flight. The researchers restarted the system and it ran until about 3/4 of the way through the flight. Then there was a research system power load shed. The researchers opted not to restart and the aircraft RTBed to Palmdale. The researcher troubleshooting effort pointed to one of the research power inverters going bad. During the ground turn around, they shifted instrument power to another inverter. THE system ground checked OK and the team prepared for the second flight.		

From:	KPMD	To:	KPMD
Start:	01/18/13 20:36 Z	Finish:	01/19/13 00:23 Z
Flight Time:	3.8 hours		
Log Number:	13B201	PI:	James Crawford
Funding Source:	Hal Maring - NASA - SMD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	Second flight of the day (fourth flight of the deployment) for DISCOVER AQ over the SJV. The instrument operated nominally throughout the flight. The flight was completed as planned.		

Flight Hour Summary:

	13B201
Flight Hours Approved in SOFRS	130
Total Used	54.3
Total Remaining	75.7
13B201 Flight Reports	

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
01/08/13	2013 DISCOVER AQ I-001	Science	1.7	1.7	128.3
01/10/13	2013 DISCOVER AQ I-002	Science	4.2	5.9	124.1
01/13/13	2013 DISCOVER AQ R-003	Science	3.7	9.6	120.4
01/13/13	2013 DISCOVER AQ R-003	Science	2.5	12.1	117.9
01/14/13	2013 DISCOVER AQ R-004	Science	1.9	14	116
01/14/13	2013 DISCOVER AQ R-004	Science	2.8	16.8	113.2
01/16/13	2013 DISCOVER AQ R-005	Science	3.7	20.5	109.5
01/16/13 - 01/17/13	2013 DISCOVER AQ R-005	Science	3.8	24.3	105.7
01/18/13	2013 DISCOVER AQ R-006	Science	3.6	27.9	102.1
01/18/13 - 01/19/13	2013 DISCOVER AQ R-006	Science	3.8	31.7	98.3
01/20/13	2013 DISCOVER AQ R-007	Science	3.7	35.4	94.6
01/20/13	2013 DISCOVER AQ R-007	Science	3.7	39.1	90.9
01/21/13	2013 DISCOVER AQ R-008	Science	3.6	42.7	87.3
01/21/13	2013 DISCOVER AQ R-008	Science	3.7	46.4	83.6
01/22/13	2013 DISCOVER AQ R-009	Science	3.9	50.3	79.7
01/22/13 - 01/23/13	2013 DISCOVER AQ R-009	Science	4	54.3	75.7

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.

Source URL: http://airbornescience.nasa.gov/flight_reports/B-200_-_LARC_01_18_13_-_01_19_13