

P-3 Orion 08/08/14

Aircraft: [P-3 Orion - WFF \(See full schedule\)](#)

Flight Number: DISCOVER-AQ Colorado Data Flight #14

Payload Configuration: DISCOVER-AQ

Nav Data Collected: No

Total Flight Time: 5.3 hours

Submitted by: Luci Crittenden on 08/08/14

Flight Segments:

From:	KBJC	To:	KBJC
Start:	08/08/14 14:38 Z	Finish:	08/08/14 19:53 Z
Flight Time:	5.3 hours		
Log Number:	14P201	PI:	James Crawford
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	The P-3B successfully completed an intercomparison data flight with the NCAR C-130 today and then transitioned into a 1 data circuit DISCOVER-AQ flight profile		

Flight Hour Summary:

	14P201
Flight Hours Approved in SOFRS	115
Total Used	108.1
Total Remaining	6.9

14P201 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
07/01/14	Engineering Check Flight #1	Check	1.9	1.9	113.1	
07/02/14	Engineering Check Flight #2	Check	1.1	3	112	
07/08/14	1886 (PCF)	Check	2.1	5.1	109.9	
07/14/14	DISCOVER-AQ Transit	Transit	5.3	10.4	104.6	
07/17/14	DISCOVER-AQ Colorado Data Flight #1	Science	5.2	15.6	99.4	
07/20/14	DISCOVER-AQ Colorado Data Flight #2	Science	5.1	20.7	94.3	
07/21/14	DISCOVER-AQ Colorado Data Flight #3	Science	5	25.7	89.3	
07/22/14	DISCOVER-AQ Colorado Data Flight #4A & #4B	Science	4.9	30.6	84.4	
07/22/14	DISCOVER-AQ Colorado Data Flight #4A & #4B	Science	3.6	34.2	80.8	
07/23/14	DISCOVER-AQ Colorado Data Flight #5A & #5B	Science	4.8	39	76	
07/23/14	DISCOVER-AQ Colorado Data Flight #5A & #5B	Science	1.6	40.6	74.4	
07/27/14	DISCOVER-AQ Colorado Data Flight #6	Science	5.1	45.7	69.3	
07/28/14	DISCOVER-AQ Colorado Data Flight #7A & #7B	Science	4.7	50.4	64.6	
07/28/14	DISCOVER-AQ Colorado Data Flight #7A & #7B	Science	2.9	53.3	61.7	
07/29/14	DISCOVER-AQ Colorado Data Flight #8	Science	5.2	58.5	56.5	

07/31/14	DISCOVER-AQ Colorado Data Flight #9	Science	5	63.5	51.5
08/02/14	DISCOVER-AQ Colorado Data Flight #10A & #10B	Science	5	68.5	46.5
08/02/14	DISCOVER-AQ Colorado Data Flight #10A & #10B	Science	2.6	71.1	43.9
08/03/14	DISCOVER-AQ Colorado Data Flight #11A & #11B	Science	5	76.1	38.9
08/03/14	DISCOVER-AQ Colorado Data Flight #11A & #11B	Science	3.5	79.6	35.4
08/06/14	DISCOVER-AQ Colorado Data Flight #12A & #12B	Science	5	84.6	30.4
08/06/14	DISCOVER-AQ Colorado Data Flight #12A & #12B	Science	2.5	87.1	27.9
08/07/14	DISCOVER-AQ Colorado Data Flight #13	Science	4.2	91.3	23.7
08/08/14	DISCOVER-AQ Colorado Data Flight #14	Science	5.3	96.6	18.4
08/10/14	DISCOVER-AQ Colorado Data Flight #15A/#15B	Science	4.9	101.5	13.5
08/10/14	DISCOVER-AQ Colorado Data Flight #15A/#15B	Science	2.1	103.6	11.4
08/12/14	DISCOVER-AQ Transit Flight Colorado to Wallops	Transit	4.5	108.1	6.9

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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Page Editor: Brad Bulger

NASA Official: Marilyn Vasques

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