

## P-3 Orion 07/20/14

**Aircraft:**

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

**Flight Number:**

DISCOVER-AQ Colorado Data Flight #2

**Payload Configuration:**

DISCOVER-AQ

**Nav Data Collected:**

No

**Total Flight Time:**

5.1 hours

**Submitted by:**

Luci Crittenden on 07/20/14

**Flight Segments:**

<b>From:</b>	KBJC	<b>To:</b>	KBJC
<b>Start:</b>	07/20/14 14:01 Z	<b>Finish:</b>	07/20/14 19:04 Z
<b>Flight Time:</b>	5.1 hours		
<b>Log Number:</b>	<a href="#">14P201</a>	<b>PI:</b>	James Crawford
<b>Funding Source:</b>	Hal Maring - NASA - SMD - ESD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	DISCOVER-AQ completed a shortened data flight today completing 2 sorties instead of 3. The NOxy03 instrument had a malfunction and that instrument is critical to the measurement of ozone. Work continues today on the repair of the instrument. Next data flight scheduled for Monday, July 21		

**Flight Hour Summary:**

	14P201
<b>Flight Hours Approved in SOFRS</b>	115
<b>Total Used</b>	108.1
<b>Total Remaining</b>	6.9

**14P201 Flight Reports**

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

<a href="#">07/28/14</a>	DISCOVER-AQ Colorado Data Flight #7A & #7B	Science	4.7	50.4	64.6
<a href="#">07/28/14</a>	DISCOVER-AQ Colorado Data Flight #7A & #7B	Science	2.9	53.3	61.7
<a href="#">07/29/14</a>	DISCOVER-AQ Colorado Data Flight #8	Science	5.2	58.5	56.5
<a href="#">07/31/14</a>	DISCOVER-AQ Colorado Data Flight #9	Science	5	63.5	51.5
<a href="#">08/02/14</a>	DISCOVER-AQ Colorado Data Flight #10A & #10B	Science	5	68.5	46.5
<a href="#">08/02/14</a>	DISCOVER-AQ Colorado Data Flight #10A & #10B	Science	2.6	71.1	43.9
<a href="#">08/03/14</a>	DISCOVER-AQ Colorado Data Flight #11A & #11B	Science	5	76.1	38.9
<a href="#">08/03/14</a>	DISCOVER-AQ Colorado Data Flight #11A & #11B	Science	3.5	79.6	35.4
<a href="#">08/06/14</a>	DISCOVER-AQ Colorado Data Flight #12A & #12B	Science	5	84.6	30.4
<a href="#">08/06/14</a>	DISCOVER-AQ Colorado Data Flight #12A & #12B	Science	2.5	87.1	27.9
<a href="#">08/07/14</a>	DISCOVER-AQ Colorado Data Flight #13	Science	4.2	91.3	23.7
<a href="#">08/08/14</a>	DISCOVER-AQ Colorado Data Flight #14	Science	5.3	96.6	18.4
<a href="#">08/10/14</a>	DISCOVER-AQ Colorado Data Flight #15A/#15B	Science	4.9	101.5	13.5
<a href="#">08/10/14</a>	DISCOVER-AQ Colorado Data Flight #15A/#15B	Science	2.1	103.6	11.4
<a href="#">08/12/14</a>	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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