

## P-3 Orion 07/27/14

**Aircraft:**

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

**Flight Number:**

DISCOVER-AQ Colorado Data Flight #6

**Payload Configuration:**

DISCOVER-AQ

**Nav Data Collected:**

No

**Total Flight Time:**

5.1 hours

**Submitted by:**

Luci Crittenden on 07/27/14

**Flight Segments:**

|                           |   |                |                  |
|---------------------------|---|----------------|------------------|
| <b>From:</b>              | KBJC  | <b>To:</b>     | KBJC             |
| <b>Start:</b>             | 07/27/14 17:20 Z  | <b>Finish:</b> | 07/27/14 22:26 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>          | Although the weather looked very "iffy" this morning, the P-3B completed a most successful data flight today in support of DISCOVER-AQ in Colorado. Next potential data flight scheduled for tomorrow, Monday, July 28. |                |                  |

**Flight Hour Summary:**

|                                       |               |
|---------------------------------------|---------------|
|                                       | <b>14P201</b> |
| <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<br>Data Flight #7A & #7B     | Science | 2.9 | 53.3  | 61.7 |
| <a href="#">07/29/14</a> | DISCOVER-AQ Colorado<br>Data Flight #8            | Science | 5.2 | 58.5  | 56.5 |
| <a href="#">07/31/14</a> | DISCOVER-AQ Colorado<br>Data Flight #9            | Science | 5   | 63.5  | 51.5 |
| <a href="#">08/02/14</a> | DISCOVER-AQ Colorado<br>Data Flight #10A & #10B   | Science | 5   | 68.5  | 46.5 |
| <a href="#">08/02/14</a> | DISCOVER-AQ Colorado<br>Data Flight #10A & #10B   | Science | 2.6 | 71.1  | 43.9 |
| <a href="#">08/03/14</a> | DISCOVER-AQ Colorado<br>Data Flight #11A & #11B   | Science | 5   | 76.1  | 38.9 |
| <a href="#">08/03/14</a> | DISCOVER-AQ Colorado<br>Data Flight #11A & #11B   | Science | 3.5 | 79.6  | 35.4 |
| <a href="#">08/06/14</a> | DISCOVER-AQ Colorado<br>Data Flight #12A & #12B   | Science | 5   | 84.6  | 30.4 |
| <a href="#">08/06/14</a> | DISCOVER-AQ Colorado<br>Data Flight #12A & #12B   | Science | 2.5 | 87.1  | 27.9 |
| <a href="#">08/07/14</a> | DISCOVER-AQ Colorado<br>Data Flight #13           | Science | 4.2 | 91.3  | 23.7 |
| <a href="#">08/08/14</a> | DISCOVER-AQ Colorado<br>Data Flight #14           | Science | 5.3 | 96.6  | 18.4 |
| <a href="#">08/10/14</a> | DISCOVER-AQ Colorado<br>Data Flight #15A/#15B     | Science | 4.9 | 101.5 | 13.5 |
| <a href="#">08/10/14</a> | DISCOVER-AQ Colorado<br>Data Flight #15A/#15B     | Science | 2.1 | 103.6 | 11.4 |
| <a href="#">08/12/14</a> | DISCOVER-AQ Transit<br>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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