

P-3 Orion 02/04/13 - 02/05/13

Aircraft:

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

Flight Number:

DISCOVER-AQ#10

Payload Configuration:

DISCOVER-AQ

Nav Data Collected:

No

Total Flight Time:

7.4 hours

Submitted by:

Luci Crittenden on 02/04/13

Flight Segments:

| | | | |
|---------------------------|---|----------------|------------------|
| From: | KPMD | To: | KPMD |
| Start: | 02/04/13 16:34 Z | Finish: | 02/05/13 00:11 Z |
| Flight Time: | 7.4 hours | | |
| Log Number: | 13P201 | PI: | James Crawford |
| Funding Source: | Hal Maring - NASA - SMD - ESD Radiation Science Program | | |
| Purpose of Flight: | Science | | |
| Comments: | Successful DISCOVER-AQ data flight over the San Joaquin Valley. | | |

Flight Hour Summary:

| | 13P201 |
|---------------------------------------|--------|
| Flight Hours Approved in SOFRS | 200 |
| Total Used | 182 |
| Total Remaining | 18 |

13P201 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|-------------------------------------|--------------------|-------------------|----------|---------------|-----------------|-------------|
| 01/10/13 | ECF | Check | 1.1 | 1.1 | 198.9 | |
| 01/10/13 | ECF #2 | Check | 0.6 | 1.7 | 198.3 | |
| 01/10/13 | PCF | Check | 2.1 | 3.8 | 196.2 | |
| 01/14/13 | DISCOVER-AQ #1 | Transit | 8.3 | 12.1 | 187.9 | |
| 01/16/13 - 01/17/13 | DISCOVER-AQ #2 | Science | 8.4 | 20.5 | 179.5 | |
| 01/18/13 | DISCOVER-AQ #3 | Science | 7.6 | 28.1 | 171.9 | |
| 01/20/13 | DISCOVER-AQ #4 | Science | 7.4 | 35.5 | 164.5 | |
| 01/21/13 - 01/22/13 | DISCOVER-AQ #5 | Science | 7.6 | 43.1 | 156.9 | |
| 01/22/13 | DISCOVER-AQ #6 | Science | 7.9 | 51 | 149 | |
| 01/30/13 | DISCOVER-AQ#7 | Science | 7.7 | 58.7 | 141.3 | |
| 01/31/13 - 02/01/13 | DISCOVER-AQ#8 | Science | 7.7 | 66.4 | 133.6 | |
| 02/01/13 - 02/02/13 | DISCOVER-AQ#9 | Science | 8 | 74.4 | 125.6 | |
| 02/04/13 - 02/05/13 | DISCOVER-AQ#10 | Science | 7.4 | 81.8 | 118.2 | |
| 02/06/13 - 02/07/13 | DISCOVER-AQ#11 | Science | 8.4 | 90.2 | 109.8 | |
| 02/08/13 | DISCOVER-AQ#12 | Transit | 5.6 | 95.8 | 104.2 | |
| 08/27/13 | DISCOVER-AQ TX ECF | Check | 2.3 | 98.1 | 101.9 | |

| | | | | | |
|--------------------------|---------------------------------------|---------|-----|-------|------|
| 08/28/13 | DISCOVER-AQ TX PCF | Check | 2.1 | 100.2 | 99.8 |
| 09/02/13 | DISCOVER-AQ TX TRANSIT | Transit | 3.9 | 104.1 | 95.9 |
| 09/04/13 | DISCOVER-AQ TX Data Flight #1 | Science | 8 | 112.1 | 87.9 |
| 09/06/13 | DISCOVER-AQ TX Data Flight #2 | Science | 7.9 | 120 | 80 |
| 09/11/13 | DISCOVER-AQ TX Data Flight #3 | Science | 8.2 | 128.2 | 71.8 |
| 09/12/13 | DISCOVER-AQ TX Data Flight #4 | Science | 8 | 136.2 | 63.8 |
| 09/13/13 | DISCOVER-AQ TX Data Flight #5 | Science | 7.9 | 144.1 | 55.9 |
| 09/14/13 | DISCOVER-AQ TX Data Flight #6 | Science | 8 | 152.1 | 47.9 |
| 09/18/13 | DISCOVER-AQ TX Aborted Science Flight | Science | 1.1 | 153.2 | 46.8 |
| 09/18/13 | DISCOVER-AQ TX ECF for Science Probe | Check | 1.1 | 154.3 | 45.7 |
| 09/24/13 | DISCOVER-AQ TX Data Flight #7 | Science | 7.9 | 162.2 | 37.8 |
| 09/25/13 | DISCOVER-AQ TX Data Flight #8 | Science | 8.5 | 170.7 | 29.3 |
| 09/26/13 | DISCOVER-AQ TX Data Flight #9 | Science | 6.4 | 177.1 | 22.9 |
| 09/29/13 | DISCOVER-AQ TX Transit | Transit | 4.9 | 182 | 18 |

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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