

P-3 Orion 08/31/16

Aircraft:

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

Flight Number:

ORACLES Science flight #2

Payload Configuration:

ORACLES

Nav Data Collected:

No

Archive Data:

[20160831](#) (48 binary files; 21 archive (plain-text) files)

Total Flight Time:

8.1 hours

Submitted by:

Cate Easmunt on 09/01/16

Flight Segments:

| | | | |
|---------------------------|---|----------------|------------------|
| From: | FYWB | To: | FYWB |
| Start: | 08/31/16 07:48 Z | Finish: | 08/31/16 15:52 Z |
| Flight Time: | 8.1 hours | | |
| Log Number: | 16P001 | PI: | Jens Redemann |
| Funding Source: | Hal Maring - NASA - SMD - ESD Radiation Science Program | | |
| Purpose of Flight: | Science | | |

Flight Hour Summary:

| | |
|---------------------------------------|---------------|
| | 16P001 |
| Flight Hours Approved in SOFRS | 160 |
| Total Used | 155 |
| Total Remaining | 5 |

16P001 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|---------------------------|-------------------|----------|---------------|-----------------|-------------|
| 07/31/16 | ATF #1 | Check | 1.2 | 1.2 | 158.8 | |
| 08/02/16 | PTF #1 | Check | 2.8 | 4 | 156 | |
| 08/05/16 | PTF #2 | Check | 3.9 | 7.9 | 152.1 | |
| 08/12/16 | ATF #2 | Check | 0.8 | 8.7 | 151.3 | |
| 08/24/16 | Transit Flight #1 | Transit | 6 | 14.7 | 145.3 | |
| 08/25/16 | Transit Flight #2 | Transit | 9.7 | 24.4 | 135.6 | |
| 08/27/16 | Transit Flight #3 | Transit | 6.8 | 31.2 | 128.8 | |
| 08/30/16 | ORACLES Science flight #1 | Science | 1.6 | 32.8 | 127.2 | |
| 08/31/16 | ORACLES Science flight #2 | Science | 8.1 | 40.9 | 119.1 | |
| 09/02/16 | ORACLES Science flight #3 | Science | 8.1 | 49 | 111 | |
| 09/04/16 | ORACLES Science flight #4 | Science | 8 | 57 | 103 | |
| 09/06/16 | ORACLES Science flight #5 | Science | 8 | 65 | 95 | |
| 09/08/16 | ORACLES Science flight #6 | Science | 8.1 | 73.1 | 86.9 | |
| 09/10/16 | ORACLES Science flight #7 | Science | 8.1 | 81.2 | 78.8 | |
| 09/12/16 | ORACLES Science flight #8 | Science | 8.4 | 89.6 | 70.4 | |

| | | | | | |
|--------------------------|----------------------------|---------|-----|-------|------|
| 09/14/16 | ORACLES Science flight #9 | Science | 8.1 | 97.7 | 62.3 |
| 09/18/16 | ORACLES Science flight #10 | Science | 8.2 | 105.9 | 54.1 |
| 09/20/16 | ORACLES Science flight #11 | Science | 8.4 | 114.3 | 45.7 |
| 09/24/16 | ORACLES Science flight #12 | Science | 9.2 | 123.5 | 36.5 |
| 09/25/16 | ORACLES Science flight #13 | Science | 8.8 | 132.3 | 27.7 |
| 09/27/16 | Return Transit #1 | Transit | 7.3 | 139.6 | 20.4 |
| 09/29/16 | Return Transit #2 | Transit | 9.2 | 148.8 | 11.2 |
| 09/30/16 | Return Transit #3 | Transit | 5.5 | 154.3 | 5.7 |
| 09/30/16 | Return Transit #4 | Transit | 0.7 | 155 | 5 |

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.

Related Science Report:

ORACLES - P-3 Orion 08/31/16 Science Report

Mission:

ORACLES

Mission Summary:

Routine flight track. P-3 only. See report.

File:

[prf02_160831_report_Wood.pdf](#)

Submitted by:

Rob Wood on 11/12/16

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