

## P-3 Orion 08/15/17

**Aircraft:**

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

**Flight Number:**

Science Flight #3

**Payload Configuration:**

ORACLES

**Nav Data Collected:**

No

**Archive Data:**

[20170815](#) (82 binary files; 39 image files; 25 archive (plain-text) files)

**Total Flight Time:**

9.2 hours

**Submitted by:**

Mike Cropper on 08/16/17

**Flight Segments:**

<b>From:</b>	FPST	<b>To:</b>	FPST
<b>Start:</b>	08/15/17 07:50 Z	<b>Finish:</b>	08/15/17 17:01 Z
<b>Flight Time:</b>	9.2 hours		
<b>Log Number:</b>	<a href="#">17P001</a>	<b>PI:</b>	Jens Redemann
<b>Funding Source:</b>	Hal Maring - NASA - SMD - ESD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		

**Flight Hour Summary:**

	17P001
<b>Flight Hours Approved in SOFRS</b>	179.5
<b>Total Used</b>	154.9
<b>Total Remaining</b>	24.6

**17P001 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">07/15/17</a>	Airworthiness Test Flight	Check	1.2	1.2	178.3	
<a href="#">07/16/17</a>	Project Test Flight #1	Check	4	5.2	174.3	
<a href="#">07/17/17</a>	Project Test Flight #2	Check	3.1	8.3	171.2	
<a href="#">08/01/17</a>	Transit Flight #1	Transit	6.2	14.5	165	
<a href="#">08/07/17</a>	Transit Flight #2	Transit	10.1	24.6	154.9	
<a href="#">08/09/17</a>	Transit Flight #3/Science	Transit	7.8	32.4	147.1	
<a href="#">08/12/17</a>	Science Flight #1	Science	8.5	40.9	138.6	
<a href="#">08/13/17</a>	Science Flight #2	Science	9.1	50	129.5	
<a href="#">08/15/17</a>	Science Flight #3	Science	9.2	59.2	120.3	
<a href="#">08/17/17</a>	Science Flight #4	Science	9.1	68.3	111.2	
<a href="#">08/18/17</a>	Science Flight #5	Science	5.5	73.8	105.7	
<a href="#">08/19/17</a>	Science Flight #6	Science	2.2	76	103.5	0
<a href="#">08/21/17</a>	Science Flight #7	Science	8.3	84.3	95.2	0
<a href="#">08/24/17</a>	Science Flight #8	Science	9.4	93.7	85.8	0
<a href="#">08/26/17</a>	Science Flight #9	Science	9.7	103.4	76.1	0
<a href="#">08/28/17</a>	Science Flight #10	Science	9.5	112.9	66.6	0
<a href="#">08/30/17</a>	Science Flight #11	Science	8.9	121.8	57.7	0
<a href="#">08/31/17</a>	Science Flight #12	Science	8.3	130.1	49.4	0
<a href="#">09/02/17</a>	Transit Flight #1/Science	Transit	8.7	138.8	40.7	
<a href="#">09/03/17</a>	Transit Flight #2	Transit	9.7	148.5	31	

<a href="#">09/04/17</a>	Transit Flight #3	Transit	5.9	154.4	25.1
<a href="#">09/04/17</a>	Transit Flight #4	Transit	0.5	154.9	24.6

*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 08/15/17 Science Report

**Mission:**

ORACLES

**Mission Summary:**

9 hour routine flight along 5E to 15S with some trajectory initialization points sampled during return.

**File:**

[PRF03\\_Y17\\_15August\\_FlightScienceReport.pdf](#)

**Submitted by:**

Paquita Zuidema on 09/05/17

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