Activity	Date	FPA Temp*	Details	Caveats (updated April 2019)
Launch +14 day check out	2016 Oct 13		blackbody burn-in, internal calibration sources, space	
Conditioning #2	2017 Feb 5		blackbody burn-in, internal calibration sources, space, solar pointing sweeps	
Launch +6 month check out and cal	2017 March 20	104-107	Internal calibration sources, space, Sun	temperature rises during solar cal due to pointing
Launch +10 month check out and cal	2017 July 29-31	105-107	blackbody burn-in, internal calibration sources, space, Sun	temperature rises during solar cal due to pointing
Earth Gravity Assist +1 day	2017 Sep 22	111	Earth, space, internal sources	April 2019: not yet reprocessed with latest files/method
Earth Gravity Assist +3 day	2017 Sep 25	105	Earth, moon, space, internal sources	April 2019: not yet reprocessed with latest files/method
Earth Gravity Assist +6 day	2017 Sep 28		Earth, space, internal sources	April 2019: not yet reprocessed with latest files/method
Earth Gravity Assist +10 day	2017 Oct 2		Earth, space, internal sources	April 2019: not yet reprocessed with latest files/method
Launch +18 month check out and cal	2018 March 08	105-107	Internal Calibrators, Deep Space and Solar Calibration	temperature rises during solar cal due to pointing
Launch +22 month check out & cal	2018 July 10-18	104-105	Internal Calibrators, Deep Space (SP=2 and SP=8) and Solar Calibration	temperature rises during solar cal due to pointing
		FPA Temp		
Bennu Approach, OVIRS prime	2018 Nov 2	105	Approach data + deep space and internal cals, underfilled FOV, centered	
Bennu Approach, OTES prime	2018 Nov 3	105-106	Approach data + deep space and internal cals, underfilled FOV, scans	Scanning artifacts possible on limb
Bennu Approach, OTES prime	2018 Nov 5	104-106	Approach data, only partial FOV, scanning artifacts possible	only partial FOV, scanning artifacts possible
Solar calibration	2018 Nov 7		Internal Calibrators, Deep Space and Solar Calibration	
Bennu Approach, OTES prime	2018 Nov 8	105-106	Approach data + deep space and internal cals	only partial FOV, scanning artifacts possible
Bennu Approach, OTES prime	2018 Nov 9	105-106	Approach data + deep space and internal cals	only partial FOV, scanning artifacts possible
Bennu Approach, OCAMS prime	2018 Dec 2	108-109	Approach data + deep space and internal cals	only partial FOV, scanning artifacts possible; off-nominal detector temp
Preliminary Survey Rider	2018 Dec 9	105		some are only partial FOV, scanning artifacts possible
Preliminary Survey Rider	2018 Dec 12	105		some are only partial FOV, scanning artifacts possible
Preliminary Survey Rider	2018 Dec 13	106		some are only partial FOV, scanning artifacts possible
Preliminary Survey Rider	2018 Dec 16	105		some are only partial FOV, scanning artifacts possible
Preliminary Survey Rider	2018 Dec 17	105		some are only partial FOV, scanning artifacts possible
Launch +30 month cal, part 1	2019 January 31		Internal Calibrators, Deep Space	
BBD#1 Rider, 12:30 pm scans	2019 March 7	110	Hottest areas saturated	off-nominal detector temp, artifacts possible
BBD#2 Rider, 12:30 pm mosaic	2019 March 14	112-113	Hottest areas saturated	off-nominal detector temp, artifacts possible
BBD#3, 10:00 am scans	2019 March 21	108		off-nominal detector temp, artifacts possible
Launch +30 month cal, part 2	2019 April 21	105-107	Internal Calibrators, Deep Space and Solar Calibration	
Equatorial Station 1: 3:00 pm	2019 April 25	106-107		
Equatorial Station 2: 3:20 am +off nadir	2019 May 2	106-107		
Dust plume Search	2019 May 3	108-109.5		off-nominal detector temp, artifacts possible
Equatorial Station 3: 12:30 pm	2019 May 9	107-108		
Thermal Emission Phase Function (TEPF)	2019 May 11	105-106		
Equatorial Station 4: 10:00 am	2019 May 16	105-106		
Equatorial Station 5: 6 am	2019 May 23	104.5		
Thermal Emission Phase Function	2019 May 26	104.5		
Equatorial Station 6: 8:40 pm	2019 May 30	105.5-107		
Dust plume Search	2019 May 31	107.5-108.5		off-nominal detector temp, artifacts possible
Equatorial Station 7: 6 pm + TEPF	2019 June 6	104.5		
BBD#2 Refly	2019 Sept 26	107-108		off-nominal detector temp, artifacts possible
Recon A: Sandpiper	2019 October 5	109.5-110.5	pointing may be off by up to 1.5 m	off-nominal detector temp, artifacts possible
Recon A: Osprey	2019 October 12	110	pointing may be off by up to 1.5 m	off-nominal detector temp, artifacts possible
Recon A: Kingfisher	2019 October 19	110-112	pointing may be off by up to 1.5 m	off-nominal detector temp, artifacts possible
Recon A: Nightingale	2019 October 26	108-109	pointing may be off by up to 1.5 m	off-nominal detector temp, artifacts possible
Solar Cal	2019 Nov 9			
Orbit R	2019 Nov 11 to Nov 24	108-109		off-nominal detector temp, artifacts possible
Recon B: Nightingale	2020 Jan 21	108-113	pointing may be off by up to 1.5 m	off-nominal detector temp, artifacts present due to low signal and high temps
Recon B: Osprey	2020 Feb 11 to Feb 12	110- 129	Hottest areas saturated, pointing may be off by up to 1.5 m	off-nominal detector temp, artifacts present
Recon C: Nightingale	2020 March 3	110-116	Hottest areas saturated, pointing may be off by up to 1.5 m	off-nominal detector temp, artifacts present
Recon C: Osprey	2020 May 26	110-130	Hottest areas saturated, pointing may be off by up to 1.5 m	off-nominal detector temp, artifacts present
* data acquired with detector temps >105K are off-nominal (calibration is for 105K), some residual issues may be seen				