

Orbital_B	Obs_OTES	Local Thermal Inertia: OTES Spectra (PRI.)	SA-10	540	7/26/2019	7/29/2019	2019-30	2019-207	Yes - all 89.6 MB rcvd
Orbital_B	Obs_OTES	Local Thermal Inertia: OTES Spectra (PRI.)	SA-10	540	7/27/2019	7/29/2019	2019-30	2019-208	Yes - all 7.3 MB rcvd
Orbital_B	Obs_OTES	Local Thermal Inertia: OTES Spectra (PRI.)	SA-10	540	7/28/2019	7/31/2019	2019-30	2019-209	Yes - all 89.6 MB rcvd
Orbital_B	Obs_OTES	Local Thermal Inertia: OTES Spectra (PRI.)	SA-10	540	7/29/2019	7/31/2019	2019-31	2019-210	Yes - all 89.6 MB rcvd
Orbital_B	Obs_OTES	Local Thermal Inertia: OTES Spectra (PRI.)	SA-10	540	7/30/2019	7/31/2019	2019-31	2019-211	Yes - all 89.6 MB rcvd
Orbital_B	Obs_OTES	Local Thermal Inertia: OTES Spectra (PRI.)	SA-10	540	7/31/2019		2019-31	2019-212	
Orbital_B	Obs_OTES	Local Thermal Inertia: OTES Spectra (PRI.)	SA-10	540	8/1/2019		2019-31	2019-213	
Orbital_B	Obs_OTES	Local Thermal Inertia: OTES Spectra (PRI.)	SA-10	540	8/3/2019		2019-31	2019-215	
Orbital_B	Obs_OTES	Local Thermal Inertia: OTES Spectra (PRI.)	SA-10	540	8/4/2019		2019-31	2019-216	

Validated L1/L2 Data available forecast dates (nominal duration for Validations pertaining to Non-Downlinked Observations includes 2 weekdays for Downlink) - Dates updated after Downlink Tagups; *Completion* statuses updated weekly by Tuesdays COB:

Source Phase	WG	Task Name	DP#	MRD	Baseline Start	Baseline Finish	Forecast Start	Forecast Finish	Actual Finish	WOY Baseline Finish	Blessing
Det_Surv	Val-from-OLA	6:00 pm station: OLA Scans (PRI.) validated	OLA Shape model	678b	6/6/2019	6/14/2019	6/10/2019	8/2/2019		2019-24	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/2/2019	7/10/2019	7/4/2019	7/31/2019		2019-28	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/3/2019	7/11/2019	7/8/2019	8/2/2019		2019-28	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/4/2019	7/12/2019	7/8/2019	8/2/2019		2019-28	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/5/2019	7/15/2019	7/8/2019	8/2/2019		2019-29	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/8/2019	7/16/2019	7/8/2019	8/2/2019		2019-29	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/8/2019	7/16/2019	7/9/2019	8/5/2019		2019-29	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/8/2019	7/16/2019	7/11/2019	7/31/2019		2019-29	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/9/2019	7/17/2019	7/11/2019	7/31/2019		2019-29	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/10/2019	7/18/2019	7/15/2019	8/2/2019		2019-29	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/11/2019	7/19/2019	7/15/2019	8/2/2019		2019-29	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/12/2019	7/22/2019	7/16/2019	8/5/2019		2019-30	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/15/2019	7/23/2019	7/18/2019	7/31/2019		2019-30	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/15/2019	7/23/2019	7/18/2019	7/31/2019		2019-30	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/16/2019	7/24/2019	7/18/2019	7/31/2019		2019-30	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/17/2019	7/25/2019	7/22/2019	8/2/2019		2019-30	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/18/2019	7/26/2019	7/22/2019	8/2/2019		2019-30	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/19/2019	7/29/2019	7/23/2019	8/5/2019		2019-31	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/22/2019	7/30/2019	7/25/2019	7/31/2019		2019-31	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/22/2019	7/30/2019	7/25/2019	7/31/2019		2019-31	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/23/2019	7/31/2019	7/29/2019	8/2/2019		2019-31	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/24/2019	7/31/2019	7/29/2019	8/2/2019		2019-31	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/24/2019	8/1/2019	7/29/2019	8/2/2019		2019-31	
Orbital_B	Val-from-OLA	Shape & Tilt: OLA Scans (PRI.) validated	ALT-18, 5cm OLA shape model	115b	7/25/2019	8/2/2019	7/30/2019	8/5/2019		2019-31	
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/16/2019	7/16/2019	7/8/2019	7/13/2019	7/13/2019	2019-29	DP-955
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/17/2019	7/17/2019	7/8/2019	7/13/2019	7/13/2019	2019-29	DP-955
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/18/2019	7/18/2019	7/8/2019	7/13/2019	7/13/2019	2019-29	DP-955
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/19/2019	7/19/2019	7/8/2019	7/13/2019	7/13/2019	2019-29	DP-955
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/22/2019	7/22/2019	7/11/2019	7/18/2019	7/18/2019	2019-30	DP-962
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/22/2019	7/22/2019	7/11/2019	7/18/2019	7/18/2019	2019-30	DP-962
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/23/2019	7/23/2019	7/15/2019	7/18/2019	7/18/2019	2019-30	DP-962
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/24/2019	7/24/2019	7/15/2019	7/18/2019	7/18/2019	2019-30	DP-962
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/25/2019	7/25/2019	7/16/2019	7/18/2019	7/18/2019	2019-30	DP-962
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/26/2019	7/26/2019	7/16/2019	7/18/2019	7/18/2019	2019-30	DP-962
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/29/2019	7/29/2019	7/18/2019	7/18/2019	7/18/2019	2019-31	DP-962
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/15/2019	7/29/2019	7/17/2019	8/5/2019		2019-31	
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/16/2019	7/30/2019	7/18/2019	7/30/2019		2019-31	
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/17/2019	7/31/2019	7/22/2019	8/1/2019		2019-31	
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/18/2019	8/1/2019	7/22/2019	8/1/2019		2019-31	
Orbital_B	Val-from-PolyCam	Sampleability imagery: PolyCam Images (PRI.) validated	RD-3	183c2	7/19/2019	8/2/2019	7/23/2019	8/2/2019		2019-31	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/2/2019	7/10/2019	7/4/2019	7/31/2019		2019-28	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/3/2019	7/11/2019	7/8/2019	8/2/2019		2019-28	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/4/2019	7/12/2019	7/8/2019	8/2/2019		2019-28	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/5/2019	7/15/2019	7/8/2019	8/2/2019		2019-29	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/8/2019	7/16/2019	7/9/2019	8/5/2019		2019-29	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/8/2019	7/16/2019	7/11/2019	7/31/2019		2019-29	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/9/2019	7/17/2019	7/11/2019	7/31/2019		2019-29	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/10/2019	7/18/2019	7/15/2019	8/2/2019		2019-29	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/11/2019	7/19/2019	7/15/2019	8/2/2019		2019-29	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/12/2019	7/22/2019	7/16/2019	8/5/2019		2019-30	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/15/2019	7/23/2019	7/16/2019	8/5/2019		2019-30	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/15/2019	7/23/2019	7/18/2019	7/31/2019		2019-30	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/16/2019	7/24/2019	7/18/2019	7/31/2019		2019-30	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/17/2019	7/25/2019	7/22/2019	8/2/2019		2019-30	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/18/2019	7/26/2019	7/22/2019	8/2/2019		2019-30	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/19/2019	7/29/2019	7/23/2019	8/5/2019		2019-31	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/22/2019	7/30/2019	7/23/2019	8/5/2019		2019-31	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/22/2019	7/30/2019	7/29/2019	8/2/2019		2019-31	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/23/2019	7/31/2019	7/25/2019	7/31/2019		2019-31	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/23/2019	7/31/2019	7/29/2019	8/2/2019		2019-31	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/24/2019	7/31/2019	7/29/2019	8/2/2019		2019-31	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/24/2019	8/1/2019	7/29/2019	8/2/2019		2019-31	
Orbital_B	Val-from-OTES	Local Thermal Inertia: OTES Spectra (PRI.) validated	SA-10	540	7/25/2019	8/2/2019	7/29/2019	8/2/2019		2019-31	

Science Data Product completion forecast dates - Dates updated after Downlink Tagups; *Completion* statuses updated weekly by Tuesdays COB:

Source Phase	WG	Task Name	DP#	MRD	Baseline Start	Baseline Finish	Forecast Start	Forecast Finish	Actual Finish	WOY Baseline Finish	Blessing
Det_Surv	SAWG	10am OTEs Spot Temperatures (SA-10)	SA-10	155, 154, 140a	6/27/2019	6/29/2019	5/29/2019	7/13/2019	7/13/2019	2019-22	DP-942
Det_Surv	SAWG	6am OTEs Spot Temperatures (SA-10)	SA-10	155, 154, 140a	6/3/2019	6/5/2019	5/30/2019	7/13/2019	7/13/2019	2019-23	DP-942
Det_Surv	SAWG	8:40pm OTEs Spot Temperatures (SA-10)	SA-10	155, 154, 140a	6/10/2019	6/12/2019	6/4/2019	7/13/2019	7/13/2019	2019-24	DP-942
Det_Surv	SAWG	10am OTEs Spot Emissivity (SA-11)	SA-11	140a, 140b, 147	6/27/2019	6/29/2019	5/29/2019	7/13/2019	7/13/2019	2019-22	DP-943
Det_Surv	SAWG	6am OTEs Spot Emissivity (SA-11)	SA-11	140a, 140b, 147	6/3/2019	6/5/2019	5/30/2019	7/13/2019	7/13/2019	2019-23	DP-943
Det_Surv	SAWG	8:40pm OTEs Spot Emissivity (SA-11)	SA-11	140a, 140b, 147	6/10/2019	6/12/2019	6/4/2019	7/13/2019	7/13/2019	2019-24	DP-943
Det_Surv	SAWG	10am OTEs Spot Dust Cover Index (SA-12)	SA-12	140b	6/20/2019	6/22/2019	7/13/2019	7/13/2019	7/13/2019	2019-23	DP-944
Det_Surv	SAWG	6am OTEs Spot Dust Cover Index (SA-12)	SA-12	140b	6/6/2019	6/10/2019	7/13/2019	7/13/2019	7/13/2019	2019-24	DP-944
Det_Surv	SAWG	8:40pm OTEs Spot Dust Cover Index (SA-12)	SA-12	140b	6/13/2019	6/17/2019	7/13/2019	7/13/2019	7/13/2019	2019-25	DP-944
Det_Surv	SAWG	6pm OTEs Spot Temperatures (SA-10)	SA-10	155, 154, 140a	6/17/2019	6/19/2019	6/17/2019	7/26/2019	7/26/2019	2019-25	N/A

Informed by Vicky on 7/26/2019 that this should be considered blessed; Mike concurred

Det_Surv	SAWG	6pm OTES Spot Emissivity (SA-11)	SA-11	140a, 140b, 147	6/17/2019	6/19/2019	6/17/2019	7/26/2019	7/26/2019	2019-25	N/A	Informed by Vicky on 7/26/2019 that this should be considered blessed; Mike concurred
Det_Surv	SAWG	6pm OTES Spot Dust Cover Index (SA-12)	SA-12	140b	6/20/2019	6/24/2019	7/26/2019	7/26/2019	7/26/2019	2019-26	N/A	Informed by Vicky on 7/26/2019 that this should be considered blessed; Mike concurred
Det_Surv	RDWG	BBD-based Average Grain Size Map (RD-5)	RD-5	183c1	6/14/2019	6/10/2019	6/26/2019	7/26/2019	7/26/2019	2019-24	N/A	Informed by Mike on 7/26/2019 that this was satisfied during SSS
Det_Surv	IPWG	Global Uncontrolled and Uncorrected PolyCam Image Mosaic (IP-4)	IP-4	121a, 195a1	4/12/2019	5/16/2019	4/12/2019	7/26/2019	7/26/2019	2019-20	N/A	Informed by Mike on 7/26/2019 that this was satisfied by the poster on the wall
Det_Surv	IPWG	Global Hazard Map (IP-2)	IP-2	121b	6/26/2019	7/2/2019	7/22/2019	7/26/2019	7/26/2019	2019-27	N/A	Informed by Mike on 7/26/2019 that this was satisfied by the GIS Catalog submission
Det_Surv	RDWG	Global Hazard Map, Ancillary format (RD-15)	RD-15		7/3/2019	7/4/2019	7/26/2019	7/26/2019	7/26/2019	2019-27	N/A	Informed by Mike on 7/26/2019 that this was satisfied by the GIS Catalog submission
Det_Surv	SSSWG	BBD-based Global Science Value Map (SVM-01)	SVM-01	183d1	7/15/2019	7/17/2019	7/26/2019	7/26/2019	7/26/2019	2019-29	N/A	Informed by Mike on 7/26/2019 that this was satisfied during SSS. Completed w/o blessed lower-level products.
Det_Surv	SSSWG	Updated Global Science Value Temperature Map (SVM-05)	SVM-05	183d1	8/6/2019	7/16/2019	7/26/2019	7/26/2019	7/26/2019	2019-32	N/A	Informed by Mike on 7/26/2019 that this was satisfied during SSS. Completed w/o blessed lower-level products.
Det_Surv	SSSWG	Updated Global Science Value Chemical Composition Map (SVM-02)	SVM-02	183d1	7/29/2019	7/29/2019	7/26/2019	7/26/2019	7/26/2019	2019-31	N/A	Informed by Mike on 7/26/2019 that this was satisfied during SSS. Completed w/o blessed lower-level products.
Det_Surv	SSSWG	Updated Global Science Value Mineralogy Map (SVM-03)	SVM-03	183d1	7/29/2019	7/29/2019	7/26/2019	7/26/2019	7/26/2019	2019-31	N/A	Informed by Mike on 7/26/2019 that this was satisfied during SSS. Completed w/o blessed lower-level products.
Det_Surv	SSSWG	Global Science Value Geology Feature Map (SVM-04)	SVM-04	183d1	8/1/2019	8/1/2019	7/26/2019	7/26/2019	7/26/2019	2019-31	N/A	Informed by Mike on 7/26/2019 that this was satisfied during SSS. Completed w/o blessed lower-level products.
Det_Surv	RDWG	BBD-based Global Sampleability Map (RD-1)	RD-1	183c1	7/11/2019	7/17/2019	7/26/2019	7/26/2019	7/26/2019	2019-29	N/A	Informed by Mike on 7/26/2019 that this was satisfied during SSS. Completed w/o blessed lower-level products.
Det_Surv	PMWG	BBD-based OVIRS Photometric Model (SA-28)	SA-28	149d, 140a, 155, 154, 183a1	4/23/2019	4/29/2019	4/19/2019	7/30/2019		2019-18		
Det_Surv	SMWG	Safety Global Communications Tilt Map (SMAP-005)	SMAP-005	183a1	5/7/2019	5/9/2019	6/21/2019	7/30/2019		2019-19		
Det_Surv	RSWG	Preliminary Delivery of Global Slope Map (RS-001)	RS-001	126, 195a1	3/27/2019	4/1/2019	6/7/2019	7/31/2019		2019-14		
Det_Surv	ALTWG	35cm SPC Local DTM (ALT-03)	ALT-03	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local OBJ (ALT-23)	ALT-23	687a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Normal Vector (ALT-24)	ALT-24	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Gravity Vector (ALT-25)	ALT-25	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Gravity Magnitude (ALT-26)	ALT-26	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Potential (ALT-27)	ALT-27	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Elevation (ALT-28)	ALT-28	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Slope (ALT-29)	ALT-29	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Facet Tilt (ALT-30)	ALT-30	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Mean Tilt (ALT-31)	ALT-31	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Tilt Variation (ALT-32)	ALT-32	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local DTMs, DSK format (ALT-34)	ALT-34	687a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Facet Tilt Direction (ALT-36)	ALT-36	687a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Mean Tilt Direction (ALT-38)	ALT-38	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Tilt Direction Variation (ALT-40)	ALT-40	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Relative Tilt (ALT-42)	ALT-42	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Relative Tilt Direction (ALT-44)	ALT-44	687a, 608a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Facet Radius (ALT-46)	ALT-46	687a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Vertex Radius (ALT-48)	ALT-48	687a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	35cm Local Max Relative Height (ALT-50)	ALT-50	687a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	Facet Area (ALT-52)	ALT-52	687a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	Albedo (ALT-54)	ALT-54	687a	6/6/2019	6/20/2019	6/10/2019	7/31/2019		2019-25		
Det_Surv	ALTWG	OLA Revised CK (ALT-21) and SPK (ALT-22)	ALT-21, ALT-22		6/20/2019	6/20/2019	7/31/2019	7/31/2019		2019-25		
Det_Surv	SAWG	10am OTES Spot Mineral and Chemical Abundances (SA-18)	SA-18	140a	5/30/2019	6/3/2019	7/15/2019	7/31/2019		2019-23		
Det_Surv	SAWG	6am OTES Spot Mineral and Chemical Abundances (SA-18)	SA-18	140a	6/6/2019	6/10/2019	7/15/2019	7/31/2019		2019-24		
Det_Surv	SAWG	8:40pm OTES Spot Mineral and Chemical Abundances (SA-18)	SA-18	140a	6/13/2019	6/17/2019	7/15/2019	7/31/2019		2019-25		
Det_Surv	PMWG	Updated OVIRS Photometric Model (SA-28)	SA-28	149d, 140a, 155, 154, 183a1	6/17/2019	7/5/2019	5/30/2019	7/31/2019		2019-27		
Det_Surv	SMWG	BBD-based Safety Global Thermal Map (SMAP-007)	SMAP-007	183a1	5/29/2019	5/31/2019	6/27/2019	7/31/2019		2019-22		
Det_Surv	SMWG	Safety Global Plume Map (SMAP-009)	SMAP-009	183a1	6/13/2019	6/17/2019	7/29/2019	7/31/2019		2019-25		
Det_Surv	FDS	Detailed Survey FDS OD Gravity Field Estimate (FD-03)	FD-03		6/10/2019	6/21/2019	6/10/2019	8/2/2019		2019-25		
Det_Surv	SMWG	Safety Global Contact Dynamics (Roughness) Map (SMAP-006)	SMAP-006	183a1	6/21/2019	6/25/2019	8/1/2019	8/5/2019		2019-26		
Det_Surv	PMWG	OVIRS Photometrically Corrected Ref. Factor using BBD-based OVIRS PM (SA-16)	SA-16	149d, 140a, 155, 183a1	4/30/2019	5/6/2019	7/31/2019	8/6/2019		2019-19		
Det_Surv	PMWG	FlyBy 1 - Equator, 12:30pm, 5 km OVIRS Photometrically Corrected Ref. Factor using BBD-based OVIRS PM (SA-16)	SA-16	149d, 140a, 155, 183a1	4/30/2019	5/6/2019	7/31/2019	8/6/2019		2019-19		
Det_Surv	PMWG	FlyBy 3 - Equator, 10am, 3.7 km OVIRS Photometrically Corrected Ref. Factor using BBD-based OVIRS PM (SA-16)	SA-16	149d, 140a, 155, 183a1	4/30/2019	5/6/2019	7/31/2019	8/6/2019		2019-19		
Det_Surv	PMWG	OVIRS Photometrically Corrected I/F Spectra using BBD-based OVIRS PM (SA-29)	SA-29	149d, 155, 154, 183a1	4/30/2019	5/6/2019	7/31/2019	8/6/2019		2019-19		
Det_Surv	PMWG	FlyBy 1 - Equator, 12:30pm, 5 km OVIRS Photometrically Corrected I/F Spectra using BBD-based OVIRS PM (SA-29)	SA-29	149d, 155, 154, 183a1	4/30/2019	5/6/2019	7/31/2019	8/6/2019		2019-19		
Det_Surv	PMWG	FlyBy 3 - Equator, 10am, 3.7 km OVIRS Photometrically Corrected I/F Spectra using BBD-based OVIRS PM (SA-29)	SA-29	149d, 155, 154, 183a1	4/30/2019	5/6/2019	7/31/2019	8/6/2019		2019-19		
Det_Surv	PMWG	3pm OVIRS Photometrically Corrected Reflectance Factor (SA-16)	SA-16	149d, 140a, 155	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	3:20am OVIRS Photometrically Corrected Reflectance Factor (SA-16)	SA-16	149d, 140a, 155	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	12:30pm OVIRS Photometrically Corrected Reflectance Factor (SA-16)	SA-16	149d, 140a, 155, 183a1	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	10am OVIRS Photometrically Corrected Reflectance Factor (SA-16)	SA-16	149d, 140a, 155	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	6am OVIRS Photometrically Corrected Reflectance Factor (SA-16)	SA-16	149d, 140a, 155	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	8:40pm OVIRS Photometrically Corrected Reflectance Factor (SA-16)	SA-16	149d, 140a, 155	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	6pm OVIRS Photometrically Corrected Reflectance Factor (SA-16)	SA-16	149d, 140a, 155	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	3pm OVIRS Photometrically Corrected I/F Spectra (SA-29)	SA-29	149d, 155, 154, 183a1	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	3:20am OVIRS Photometrically Corrected I/F Spectra (SA-29)	SA-29	149d, 155, 154, 183a1	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	12:30 OVIRS Photometrically Corrected I/F Spectra (SA-29)	SA-29	149d, 155, 154, 183a1	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	10am OVIRS Photometrically Corrected I/F Spectra (SA-29)	SA-29	149d, 155, 154, 183a1	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	6am OVIRS Photometrically Corrected I/F Spectra (SA-29)	SA-29	149d, 155, 154, 183a1	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	8:40pm OVIRS Photometrically Corrected I/F Spectra (SA-29)	SA-29	149d, 155, 154, 183a1	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	6pm OVIRS Photometrically Corrected I/F Spectra (SA-29)	SA-29	149d, 155, 154, 183a1	7/8/2019	7/12/2019	8/1/2019	8/7/2019		2019-28		
Det_Surv	PMWG	BBD-based Spot Bond Albedo (SA-17)	SA-17	154, 155, 183a1	5/7/2019	5/9/2019	8/7/2019	8/9/2019		2019-19		
Det_Surv	PMWG	Updated Spot Bond Albedo (SA-17)	SA-17	154, 155, 183a1	7/15/2019	7/17/2019	8/8/2019	8/12/2019		2019-29		
Det_Surv	SAWG	BBD-based SPINDEX (SA-32)	SA-32	140a, 155	5/7/2019	5/13/2019	8/7/2019	8/13/2019		2019-20		
Det_Surv	SAWG	Updated SPINDEX: OVIRS Spot Spectral Indices (SA-32)	SA-32	140a, 155	7/15/2019	7/19/2019	8/8/2019	8/14/2019		2019-29		
Det_Surv	SAWG	BBD-based Global Bolo Bond Albedo Map (SA-42)	SA-42	154, 195a1	5/10/2019	5/16/2019	8/12/2019	8/16/2019		2019-20		
Det_Surv	SAWG	6pm OTES Spot Mineral and Chemical Abundances (SA-18)	SA-18	140a	6/20/2019	6/24/2019	8/15/2019	8/19/2019		2019-26		
Det_Surv	SAWG	Updated Global Bolo Bond Albedo Map (SA-42)	SA-42	154, 195a1	7/18/2019	7/24/2019	8/13/2019	8/19/2019		2019-30		
Det_Surv	SMWG	BBD-based NFT Global Safety Map (SMAP-001)	SMAP-001	183a1	7/5/2019	7/10/2019	8/6/2019	8/19/2019		2019-28		
Det_Surv	ALTWG	30 NFT Features (partial delivery of 300 features)	ALT-18	728, 732, 734	6/21/2019	7/11/2019	8/1/2019	8/21/2019		2019-28		
Det_Surv	SAWG	Updated Global OVIRS Mineral and Chemical Abundance Maps (SA-40)	SA-40	140a, 195a1	7/22/2019	7/26/2019	8/15/2019	8/21/2019		2019-30		
Det_Surv	IPWG	Global Controlled (but uncorrected) PolyCam Image Mosaic (IP-4)	IP-4	121a, 195a1	5/17/2019	6/6/2019	7/29/2019	8/23/2019		2019-23		
Det_Surv	TAWG	Updated Global Thermal Inertia Map (TA-002)	TA-002	155, 195a1	7/25/2019	7/31/2019	8/20/2019	8/26/2019		2019-31		
Det_Surv	TAWG	Updated Global Thermal Inertia Map - 3-sigma (TA-010)	TA-010	155	7/25/2019	7/31/2019	8/20/2019	8/26/2019		2019-31		
Orbital_B	ALTWG	Preliminary 5cm OLA Local DTM (ALT-04)	ALT-04	115b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35		
Orbital_B	ALTWG	5cm Local OBJ (ALT-23)	ALT-23	115b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35		
Orbital_B	ALTWG	5cm Local Normal Vector (ALT-24)	ALT-24	115b, 608b								

Orbital_B	ALTWG	5cm Local Facet Tilt (ALT-30)	ALT-30	115b, 608b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local Mean Tilt (ALT-31)	ALT-31	115b, 608b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local Tilt Variation (ALT-32)	ALT-32	115b, 608b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local DTMs, DSK format (ALT-34)	ALT-34	115b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local Facet Tilt Direction (ALT-36)	ALT-36	115b, 608b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local Mean Tilt Direction (ALT-38)	ALT-38	115b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local Tilt Direction Variation (ALT-40)	ALT-40	115b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local Relative Tilt (ALT-42)	ALT-42	115b, 608b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local Relative Tilt Direction (ALT-44)	ALT-44	115b, 608b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local Facet Radius (ALT-46)	ALT-46	115b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local Vertex Radius (ALT-48)	ALT-48	115b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	5cm Local Max Relative Height (ALT-50)	ALT-50	115b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	Facet Area (ALT-52)	ALT-52	115b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Orbital_B	ALTWG	Albedo (ALT-54)	ALT-54	115b	8/14/2019	8/27/2019	8/14/2019	8/27/2019		2019-35
Det_Surv	PMWG	MapCam Panchromatic Photometric Model (IP-13)	IP-13	149a, 149b, 149c	5/23/2019	7/10/2019	5/28/2019	8/29/2019		2019-28
Det_Surv	PMWG	MapCam Color Photometric Model (IP-13)	IP-13	149a, 149b, 149c	5/31/2019	7/18/2019	6/3/2019	8/29/2019		2019-29
Det_Surv	PMWG	MapCam x-band Photometric Model (IP-13)	IP-13	149a, 149b, 149c	7/18/2019	7/18/2019	7/19/2019	8/29/2019		2019-29
Det_Surv	TAWG	Updated Predicted Global Temperature Maps (TA-009)	TA-009	411	8/11/2019	8/5/2019	8/27/2019	8/29/2019		2019-32
Det_Surv	TAWG	Updated Predicted Global Temperature Maps - 3-sigma (TA-013)	TA-013	411	8/11/2019	8/5/2019	8/27/2019	8/29/2019		2019-32
Det_Surv	IPWG	Global Corrected PolyCam Image Mosaic from disk-integrated photometric model (IP-4)	IP-4	121a, 195a1	6/7/2019	6/13/2019	8/26/2019	8/30/2019		2019-24
Det_Surv	RDWG	Updated Average Grain Size Map (RD-5)	RD-5	183c1	8/1/2019	8/7/2019	8/27/2019	9/2/2019		2019-32
Det_Surv	SMWG	Updated Safety Global Thermal Map (SMAP-007)	SMAP-007	183a1	8/6/2019	8/8/2019	8/30/2019	9/3/2019		2019-32
Orbital_B	ALTWG	300 NFT Features (ALT-18)	ALT-18	728, 732, 734	8/14/2019	8/27/2019	8/22/2019	9/4/2019		2019-35
Det_Surv	IPWG	Global Photometrically Corrected PolyCam Image Mosaic (IP-27)	IP-27	121a	7/11/2019	7/17/2019	8/30/2019	9/5/2019		2019-29
Det_Surv	RDWG	Global Space Weathering Map (RD-13)	RD-13	542, 195a1	7/19/2019	7/25/2019	8/30/2019	9/5/2019		2019-30
Det_Surv	RDWG	Global Crater Map (RD-10)	RD-10	136, 195a1	6/26/2019	7/9/2019	8/26/2019	9/6/2019		2019-28
Det_Surv	RDWG	Global Linear Feature Map (RD-11)	RD-11	139, 195a1	6/26/2019	7/9/2019	8/26/2019	9/6/2019		2019-28
Det_Surv	RDWG	Global Boulder Map (RD-9)	RD-9	137, 195a1	6/26/2019	7/9/2019	8/26/2019	9/6/2019		2019-28
Det_Surv	RDWG	Global Regolith Map (RD-12)	RD-12	138, 195a1	6/26/2019	7/9/2019	8/26/2019	9/6/2019		2019-28
Det_Surv	RDWG	Global Space Weathering Map, Ancillary format (RD-16)	RD-16	542	7/26/2019	7/29/2019	9/6/2019	9/9/2019		2019-31
Det_Surv	RDWG	Global Linear Feature Map, Ancillary format (RD-18)	RD-18	139	7/10/2019	7/11/2019	9/9/2019	9/10/2019		2019-28
Det_Surv	RDWG	Global Crater Map, Ancillary format (RD-17)	RD-17	136	7/10/2019	7/11/2019	9/9/2019	9/10/2019		2019-28
Orbital_B	RSWG	Bennu Ephemeris (RS-011)	RS-011	150	7/29/2019	7/29/2019	9/17/2019	9/17/2019		2019-31
Orbital_B	RSWG	Bennu Pseudo-Ranging (RS-012)	RS-012	602	7/29/2019	7/29/2019	9/17/2019	9/17/2019		2019-31
Det_Surv	SMWG	Updated NFT Global Safety Map (SMAP-001)	SMAP-001	183a1	8/9/2019	8/22/2019	9/4/2019	9/17/2019		2019-34
Orbital_B	FDS	Orbital B FDS OD Gravity Field Estimate (FD-03)	FD-03		9/10/2019	9/24/2019	9/10/2019	9/24/2019		2019-39
Orbital_B	FDS	Orbital B FDS OD Gravity Field Estimate (FD-03)	FD-03		9/10/2019	9/24/2019	9/10/2019	9/24/2019		2019-39
Orbital_B	FDS	Orbital B FDS OD Gravity Field Estimate (FD-03)	FD-03		9/11/2019	9/24/2019	9/11/2019	9/24/2019		2019-39
Orbital_B	RSWG	Spacecraft Ephemeris (RS-004)	RS-004	134	8/28/2019	10/8/2019	9/5/2019	10/16/2019		2019-41
Orbital_B	RSWG	Asteroid Spherical Harmonic Coefficient (RS-006)	RS-006	134	8/28/2019	10/8/2019	9/5/2019	10/16/2019		2019-41
Orbital_B	RSWG	YORP (RS-013)	RS-013	193	10/9/2019	10/9/2019	10/17/2019	10/17/2019		2019-41
Det_Surv	IPWG	Global Photometrically Corrected True-Color Map (IP-20)	IP-20	141	7/19/2019	7/25/2019	10/15/2019	10/21/2019		2019-30
Det_Surv	IPWG	Global Photometrically Corrected Color-Ratio Map (IP-20)	IP-20	141	7/19/2019	7/25/2019	10/15/2019	10/21/2019		2019-30
Orbital_B	RSWG	Asteroid Mass Model (RS-005)	RS-005	133	10/9/2019	11/19/2019	10/17/2019	11/27/2019		2019-47
Orbital_B	RSWG	Center of Mass (RS-007)	RS-007	135	10/9/2019	11/19/2019	10/17/2019	12/2/2019		2019-47
Orbital_B	RSWG	Mass Distribution Model (RS-008)	RS-008	194	11/20/2019	1/14/2020	11/28/2019	1/22/2020		2020-3
Orbital_B	RSWG	Orbital Stability Analysis (RS-009)	RS-009	134	11/20/2019	1/16/2020	12/2/2019	1/23/2020		2020-3
Orbital_B	RSWG	Global Gravity Field Map (RS-002)	RS-002	130	1/15/2020	2/25/2020	1/23/2020	3/4/2020		2020-9
Orbital_B	RSWG	Global Slope Map (RS-001)	RS-001	126, 195a1	2/26/2020	4/7/2020	3/5/2020	4/15/2020		2020-15
Orbital_B	RSWG	Roche Lobe (RS-003)	RS-003	131	4/8/2020	4/8/2020	4/16/2020	4/16/2020		2020-15