

OTES Observation Timeline

Epoch	YR	DOY	UTC Date and Time (approx.)	# ifgms	Description
Launch + 14 day Checkout	2016	264	2016-09-20 21:42:00	1440	Instrument functional and radiometric tests at op and non-op set-points
Launch + 6 mo. Checkout and Jitter Test	2017	76	2017-03-17 19:46:00	1880	Instrument functional and radiometric tests at op and non-op set-points; assess impact of s/c noise sources on OTES data at different servo velocities
Launch + 10 mo. Checkout	2017	214	2017-08-02 18:24:00	1440	Instrument functional and radiometric tests at op and non-op set-points
Earth Gravity Assist + 1 day Observations	2017	265	2017-09-22 22:44:00	1840	Earth observations, calibration using deep space and internal cal target
Earth Gravity Assist + 3 day Observations - Moon	2017	268	2017-09-25 00:00:00	1119	Moon observations, calibration using deep space and internal cal target
Earth Gravity Assist + 3 day Observations - Earth	2017	268	2017-09-25 04:21:00	873	Earth observations, calibration using deep space and internal cal target
Earth Gravity Assist + 6 day Observations	2017	271	2017-09-28 00:03:00	1173	Earth observations, calibration using deep space and internal cal target
Earth Gravity Assist + 10 day Observations	2017	275	2017-10-02 00:00:00	3939	Earth observations, calibration using deep space and internal cal target
Launch + 18 mo. Checkout	2018	71	2018-03-12 04:02:00	1440	Instrument functional and radiometric tests at op and non-op set-points
Launch + 22 mo. Checkout	2018	197	2018-07-16 09:03:00	720	Instrument functional and radiometric tests at op and non-op set-points
Approach	2018	306	2018-11-02 04:00:00	8396	Whole-disk observations, OVIRS-optimized
Approach	2018	307	2018-11-03 04:00:00	8451	Whole-disk observations, OVIRS-optimized
Approach	2018	309	2018-11-05 04:00:00	8675	Whole-disk observations, OTES-optimized
Approach	2018	312	2018-11-08 04:01:00	8675	Whole-disk observations, OTES-optimized
Approach	2018	313	2018-11-09 04:01:00	8675	Whole-disk observations, OTES-optimized
Approach	2018	336	2018-12-02 04:35:00	8240	Spatially resolved equatorial observations (OTES ride-along)
Preliminary Survey	2018	338	2018-12-04 04:21:00	8616	Spatially resolved N. polar observations (OTES ride-along)
Preliminary Survey	2018	338	2018-12-04 17:54:00	17680	Spatially resolved N. polar observations (OTES ride-along)
Preliminary Survey	2018	342	2018-12-08 02:24:00	8561	Spatially resolved N. polar observations (OTES ride-along)
Preliminary Survey	2018	342	2018-12-08 17:55:00	8526	Spatially resolved N. polar observations (OTES ride-along)
Preliminary Survey	2018	343	2018-12-09 02:26:00	8520	Spatially resolved N. polar observations (OTES ride-along)
Preliminary Survey	2018	346	2018-12-12 04:15:00	8376	Spatially resolved equatorial observations (OTES ride-along)
Preliminary Survey	2018	347	2018-12-13 00:14:00	8796	Spatially resolved equatorial observations (OTES ride-along)
Preliminary Survey	2018	350	2018-12-16 02:20:00	8476	Spatially resolved S. polar observations (OTES ride-along)
Preliminary Survey	2018	350	2018-12-16 17:55:00	8496	Spatially resolved S. polar observations (OTES ride-along)
Preliminary Survey	2018	351	2018-12-17 02:30:00	8390	Spatially resolved S. polar observations (OTES ride-along)