

MON (#0019): Total of **1129** orbits. $\lambda_o = 261^\circ$, $\lambda_g - \lambda_o = 202.2^\circ$, $\beta_g = -15.0^\circ$, $\Delta r = 3^\circ$, $\Delta \lambda_o = 10^\circ$.

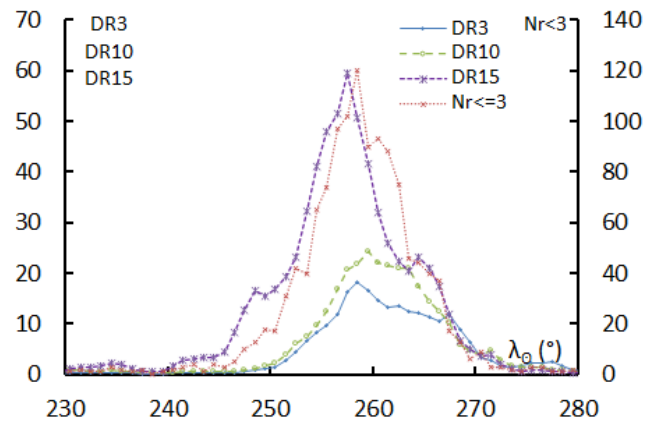
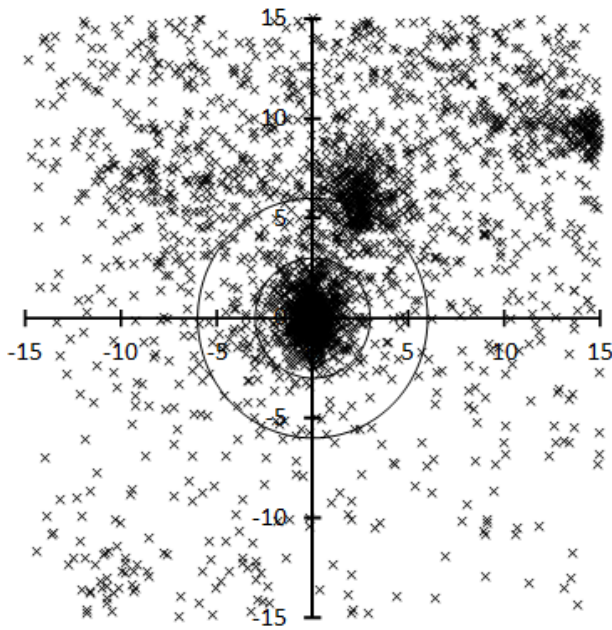


Table 1 – Number per year.

Year	N	Year	N
2007	58	2013	133
2008	103	2014	73
2009	68	2015	75
2010	98	2016	87
2011	93	2017	135
2012	140	2018	66

Table 2 – Activity profiles.

	λ_o	Max
Nr<=3	258.5	120
DR3	258.5	18.3
DR10	259.5	24.4
DR15	257.5	59.4

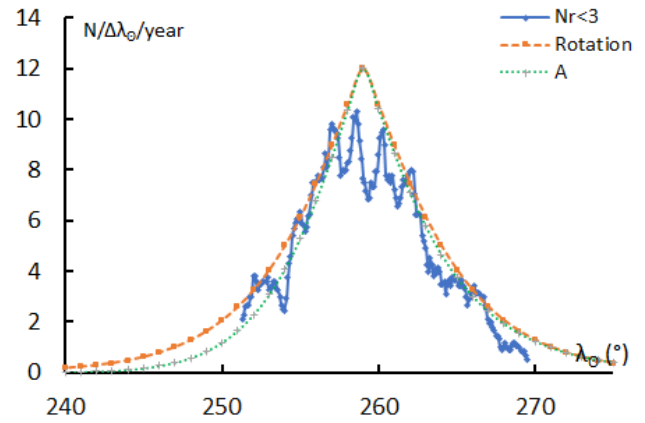


Table 3 – Evolution of the orbital parameters during the activity period.

λ_o	$\lambda_g - \lambda_o$	β_g	α_g	δ_g	v_g	e	q	i	ω	Ω	λ_{π}	β_{π}	a
235	209.6	-12.6	84.6	10.8	45.6	0.989	0.092	50.5	145.5	55.0	211.4	25.9	8.71
236	209.3	-12.7	85.3	10.7	45.4	0.989	0.095	49.5	144.9	56.0	211.5	25.9	8.73
237	209.0	-12.8	86.0	10.6	45.2	0.989	0.098	48.6	144.3	57.0	211.6	26.0	8.76
238	208.7	-12.9	86.7	10.5	45.0	0.988	0.101	47.7	143.6	58.0	211.6	26.0	8.78
239	208.4	-13.0	87.4	10.5	44.8	0.988	0.105	46.9	143.0	59.0	211.7	26.1	8.81
240	208.1	-13.1	88.1	10.4	44.6	0.988	0.108	46.1	142.3	60.0	211.8	26.1	8.83
241	207.7	-13.1	88.8	10.3	44.4	0.987	0.112	45.3	141.7	61.0	211.9	26.2	8.86
242	207.4	-13.2	89.5	10.2	44.2	0.987	0.116	44.5	141.0	62.0	212.0	26.2	8.89
243	207.1	-13.3	90.1	10.1	44.1	0.987	0.120	43.8	140.3	63.0	212.1	26.2	8.92
244	206.8	-13.4	90.8	10.0	43.9	0.986	0.123	43.1	139.7	64.0	212.2	26.2	8.94
245	206.5	-13.5	91.5	9.9	43.7	0.986	0.127	42.4	139.0	65.0	212.3	26.2	8.97
246	206.2	-13.6	92.2	9.8	43.5	0.985	0.131	41.7	138.3	66.0	212.4	26.3	9.00
247	205.9	-13.7	92.9	9.7	43.3	0.985	0.135	41.0	137.6	67.0	212.5	26.3	9.03
248	205.6	-13.8	93.6	9.6	43.1	0.985	0.139	40.4	136.9	68.0	212.6	26.3	9.06
249	205.3	-13.9	94.3	9.5	42.9	0.984	0.144	39.8	136.2	69.0	212.7	26.3	9.09
250	205.0	-14.0	94.9	9.4	42.7	0.984	0.148	39.2	135.6	70.0	212.8	26.3	9.12
251	204.7	-14.1	95.6	9.2	42.6	0.983	0.152	38.6	134.9	71.0	212.9	26.3	9.14
252	204.4	-14.2	96.3	9.1	42.4	0.983	0.157	38.1	134.2	72.0	213.0	26.3	9.17
253	204.1	-14.3	97.0	9.0	42.2	0.982	0.161	37.5	133.5	73.0	213.1	26.2	9.20
254	203.8	-14.4	97.6	8.9	42.0	0.982	0.166	37.0	132.8	74.0	213.2	26.2	9.23
255	203.5	-14.5	98.3	8.7	41.8	0.982	0.170	36.5	132.1	75.0	213.3	26.2	9.26

Table 3 – Continued, evolution of the orbital parameters during the activity period.

λ_o	$\lambda_g - \lambda_o$	β_g	α_g	δ_g	v_g	e	q	i	ω	Ω	λ_{Π}	β_{Π}	a
256	203.2	-14.6	99.0	8.6	41.6	0.981	0.175	36.0	131.4	76.0	213.4	26.2	9.28
257	202.9	-14.6	99.7	8.5	41.4	0.981	0.179	35.5	130.7	77.0	213.6	26.2	9.31
258	202.6	-14.7	100.3	8.3	41.2	0.980	0.184	35.1	130.0	78.0	213.7	26.1	9.34
259	202.3	-14.8	101.0	8.2	41.0	0.980	0.189	34.6	129.3	79.0	213.8	26.1	9.36
260	202.0	-14.9	101.7	8.0	40.9	0.979	0.194	34.2	128.6	80.0	213.9	26.0	9.39
261	201.6	-15.0	102.3	7.9	40.7	0.979	0.199	33.7	127.9	81.0	214.1	26.0	9.41
262	201.3	-15.1	103.0	7.8	40.5	0.978	0.203	33.3	127.2	82.0	214.2	26.0	9.43
263	201.0	-15.2	103.7	7.6	40.3	0.978	0.208	32.9	126.5	83.0	214.4	25.9	9.45
264	200.7	-15.3	104.3	7.4	40.1	0.977	0.213	32.5	125.8	84.0	214.5	25.9	9.47
265	200.4	-15.4	105.0	7.3	39.9	0.977	0.218	32.1	125.1	85.0	214.6	25.8	9.49
266	200.1	-15.4	105.6	7.1	39.7	0.977	0.224	31.7	124.4	86.0	214.8	25.7	9.51
267	199.8	-15.5	106.3	7.0	39.5	0.976	0.229	31.4	123.6	87.0	214.9	25.7	9.53
268	199.5	-15.6	106.9	6.8	39.3	0.976	0.234	31.0	122.9	88.0	215.1	25.6	9.54
269	199.2	-15.7	107.6	6.6	39.2	0.975	0.239	30.6	122.2	89.0	215.2	25.5	9.56
270	198.9	-15.8	108.3	6.5	39.0	0.974	0.244	30.3	121.5	90.0	215.4	25.5	9.57
271	198.6	-15.9	108.9	6.3	38.8	0.974	0.250	29.9	120.8	91.0	215.6	25.4	9.58
272	198.2	-15.9	109.6	6.1	38.6	0.973	0.255	29.6	120.1	92.0	215.7	25.3	9.59
273	197.9	-16.0	110.2	6.0	38.4	0.973	0.260	29.3	119.4	93.0	215.9	25.2	9.60
274	197.6	-16.1	110.8	5.8	38.2	0.972	0.266	29.0	118.7	94.0	216.1	25.1	9.60
275	197.3	-16.2	111.5	5.6	38.0	0.972	0.271	28.7	118.0	95.0	216.3	25.0	9.61