

**EGE (#0023):** Total of **419** orbits.  $\lambda_O = 204.1^\circ$ ,  $\lambda_g - \lambda_O = 254.7^\circ$ ,  $\beta_g = 5.2^\circ$ ,  $\Delta r = 3^\circ$ ,  $\Delta \lambda_O = 10^\circ$ . The activity period might be shorter than the real one, because EGE is surrounded by high sporadic background and the dominant nearby Orionids.

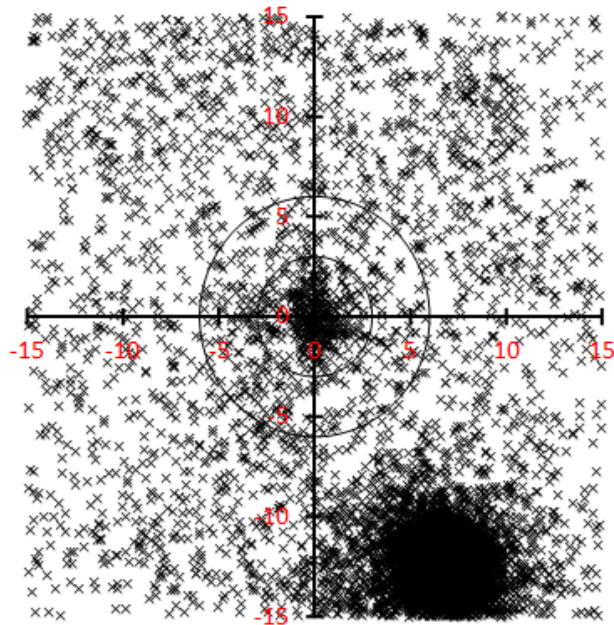


Table 1 – Number per year.

Year	N	Year	N
2007	25	2013	26
2008	32	2014	45
2009	48	2015	40
2010	31	2016	40
2011	24	2017	18
2012	50	2018	40

Table 2 – Activity profiles.

	$\lambda_O$	Max
Nr<=3	204.5	37
DR3	204.5	4.7
DR10	198.5	6.3
DR15	196.5	4.0

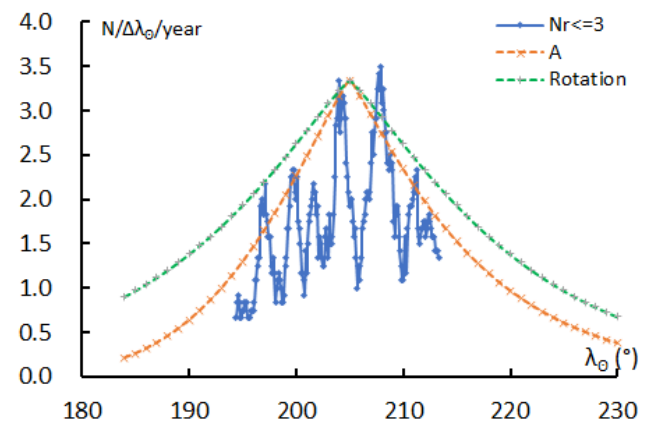
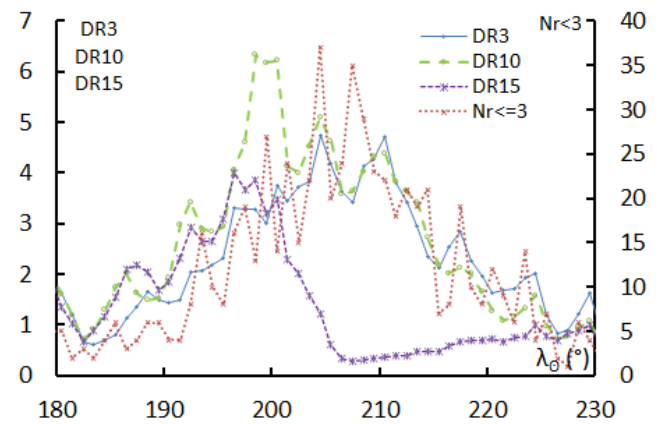


Table 3 – Evolution of the orbital parameters during the activity period.

$\lambda_O$	$\lambda_g - \lambda_O$	$\beta_g$	$\alpha_g$	$\delta_g$	$\nu_g$	$e$	$q$	$i$	$\omega$	$\Omega$	$\lambda_{\Pi}$	$\beta_{\Pi}$	$a$
184	259.4	6.7	82.5	29.9	70.0	0.962	0.899	168.1	217.9	184.0	326.7	-7.3	23.77
185	259.2	6.6	83.3	29.9	69.9	0.958	0.894	168.2	218.8	185.0	326.8	-7.4	21.44
186	259.0	6.5	84.2	29.9	69.8	0.955	0.889	168.3	219.7	186.0	326.9	-7.4	19.56
187	258.7	6.5	85.1	29.8	69.7	0.951	0.884	168.4	220.6	187.0	326.9	-7.5	18.01
188	258.5	6.4	86.0	29.8	69.7	0.947	0.879	168.5	221.6	188.0	327.0	-7.6	16.71
189	258.3	6.3	86.9	29.7	69.6	0.944	0.873	168.6	222.5	189.0	327.1	-7.7	15.60
190	258.0	6.2	87.8	29.7	69.5	0.941	0.868	168.7	223.4	190.0	327.1	-7.7	14.66
191	257.8	6.2	88.6	29.6	69.5	0.938	0.862	168.8	224.3	191.0	327.2	-7.8	13.83
192	257.6	6.1	89.5	29.5	69.4	0.935	0.857	168.9	225.3	192.0	327.3	-7.8	13.11
193	257.3	6.0	90.4	29.5	69.3	0.932	0.851	169.0	226.2	193.0	327.3	-7.9	12.47
194	257.1	5.9	91.3	29.4	69.3	0.929	0.846	169.1	227.1	194.0	327.4	-7.9	11.91
195	256.9	5.9	92.1	29.3	69.2	0.926	0.840	169.2	228.1	195.0	327.4	-8.0	11.40
196	256.6	5.8	93.0	29.2	69.1	0.924	0.834	169.3	229.0	196.0	327.5	-8.0	10.94
197	256.4	5.7	93.9	29.1	69.1	0.921	0.828	169.5	229.9	197.0	327.5	-8.1	10.53
198	256.2	5.6	94.8	29.0	69.0	0.919	0.822	169.6	230.9	198.0	327.6	-8.1	10.16
199	255.9	5.6	95.6	28.9	68.9	0.917	0.816	169.7	231.8	199.0	327.7	-8.1	9.82
200	255.7	5.5	96.5	28.8	68.8	0.915	0.810	169.8	232.7	200.0	327.7	-8.1	9.51
201	255.5	5.4	97.4	28.7	68.8	0.913	0.803	169.9	233.7	201.0	327.8	-8.1	9.23
202	255.3	5.3	98.2	28.6	68.7	0.911	0.797	170.0	234.6	202.0	327.8	-8.1	8.97
203	255.0	5.3	99.1	28.5	68.6	0.909	0.791	170.1	235.5	203.0	327.9	-8.1	8.73
204	254.8	5.2	100.0	28.3	68.6	0.908	0.784	170.2	236.4	204.0	327.9	-8.1	8.50

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

$\lambda_o$	$\lambda_g - \lambda_o$	$\beta_g$	$\alpha_g$	$\delta_g$	$v_g$	$e$	$q$	$i$	$\omega$	$\Omega$	$\lambda_{\Pi}$	$\beta_{\Pi}$	$a$
205	254.6	5.1	100.8	28.2	68.5	0.906	0.778	170.3	237.4	205.0	328.0	−8.1	8.30
206	254.3	5.0	101.7	28.1	68.4	0.905	0.772	170.4	238.3	206.0	328.1	−8.1	8.11
207	254.1	5.0	102.5	27.9	68.4	0.904	0.765	170.6	239.2	207.0	328.1	−8.1	7.93
208	253.9	4.9	103.4	27.8	68.3	0.902	0.758	170.7	240.1	208.0	328.2	−8.1	7.77
209	253.6	4.8	104.2	27.6	68.2	0.901	0.752	170.8	241.0	209.0	328.3	−8.1	7.62
210	253.4	4.7	105.1	27.5	68.2	0.900	0.745	170.9	242.0	210.0	328.3	−8.0	7.47
211	253.2	4.7	105.9	27.3	68.1	0.899	0.738	171.0	242.9	211.0	328.4	−8.0	7.34
212	252.9	4.6	106.8	27.2	68.0	0.899	0.732	171.1	243.8	212.0	328.5	−7.9	7.22
213	252.7	4.5	107.6	27.0	67.9	0.898	0.725	171.3	244.7	213.0	328.6	−7.9	7.10
214	252.5	4.4	108.5	26.8	67.9	0.897	0.718	171.4	245.6	214.0	328.7	−7.9	6.99
215	252.2	4.4	109.3	26.6	67.8	0.897	0.711	171.5	246.5	215.0	328.8	−7.8	6.89
216	252.0	4.3	110.2	26.5	67.7	0.896	0.704	171.6	247.4	216.0	328.8	−7.7	6.80
217	251.8	4.2	111.0	26.3	67.7	0.896	0.697	171.7	248.3	217.0	328.9	−7.7	6.71
218	251.6	4.1	111.8	26.1	67.6	0.896	0.690	171.8	249.2	218.0	329.0	−7.6	6.63
219	251.3	4.1	112.7	25.9	67.5	0.896	0.684	172.0	250.0	219.0	329.1	−7.5	6.55
220	251.1	4.0	113.5	25.7	67.5	0.896	0.677	172.1	250.9	220.0	329.2	−7.5	6.48
221	250.9	3.9	114.3	25.5	67.4	0.896	0.670	172.2	251.8	221.0	329.4	−7.4	6.41
222	250.6	3.8	115.1	25.3	67.3	0.896	0.663	172.3	252.7	222.0	329.5	−7.3	6.35
223	250.4	3.7	116.0	25.1	67.3	0.896	0.656	172.5	253.5	223.0	329.6	−7.2	6.29
224	250.2	3.7	116.8	24.9	67.2	0.896	0.649	172.6	254.4	224.0	329.7	−7.1	6.24
225	249.9	3.6	117.6	24.7	67.1	0.896	0.642	172.7	255.3	225.0	329.8	−7.0	6.19