

NCC (#0096): Total of 126 orbits. $\lambda_o = 290^\circ$, $\lambda_g - \lambda_o = 189.4^\circ$, $\beta_g = 1.2^\circ$, $\Delta r = 3^\circ$, $\Delta \lambda_o = 10^\circ$. NCC is slightly better than SCC. The author checked every NCC line in the SD and this seems to be most plausible activity, though its activity is nearly buried under the sporadic background.

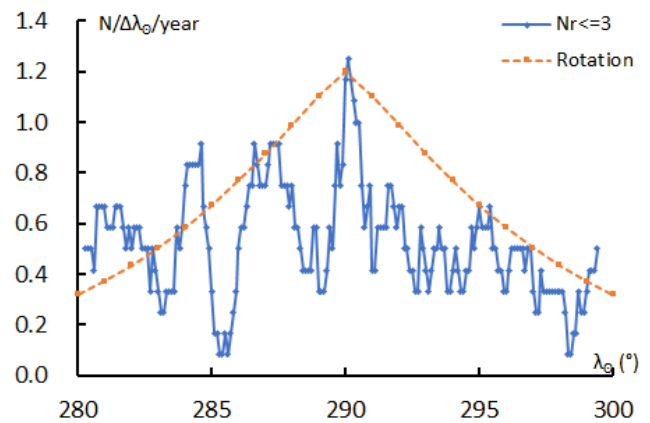
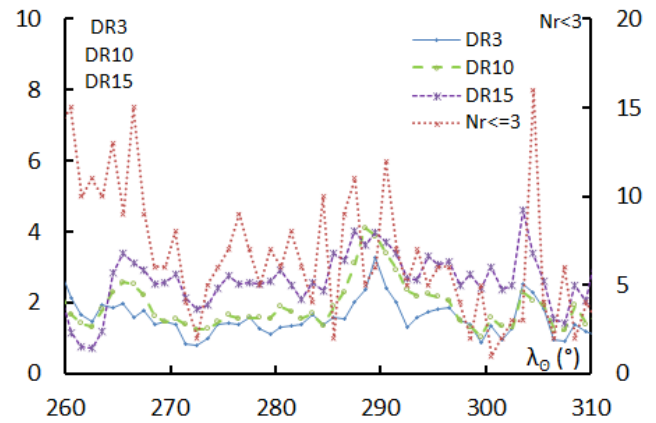
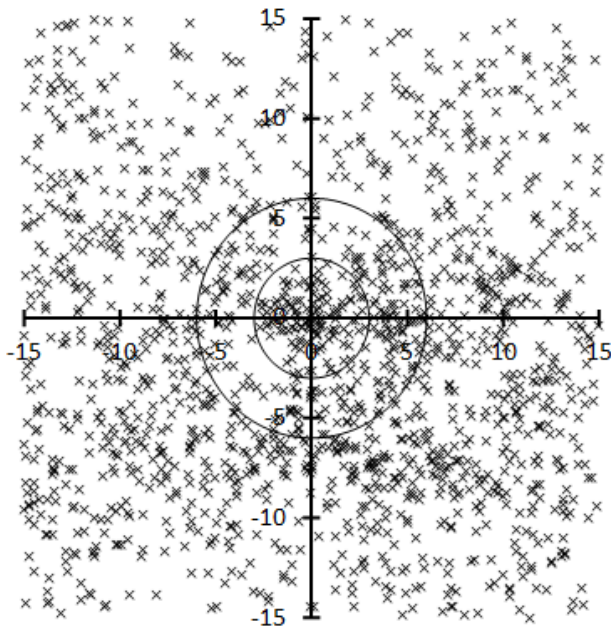


Table 1 – Number per year.

Year	N	Year	N
2007	4	2013	15
2008	10	2014	8
2009	11	2015	9
2010	9	2016	14
2011	14	2017	18
2012	6	2018	8

Table 2 – Activity profiles.

	λ_o	Max
Nr<=3	290.5	12.0
DR3	289.5	3.3
DR10	288.5	4.1
DR15	287.5	4.0

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_{II}	β_{II}	a
270	190.8	2.4	102.0	25.4	26.9	0.799	0.387	2.6	291.4	270.0	201.4	-2.4	1.93
271	190.7	2.4	103.0	25.3	27.0	0.800	0.388	2.6	291.3	271.0	202.3	-2.4	1.94
272	190.7	2.4	104.0	25.2	27.0	0.801	0.388	2.5	291.1	272.0	203.1	-2.4	1.95
273	190.6	2.4	105.0	25.1	27.0	0.802	0.389	2.5	291.0	273.0	204.0	-2.4	1.97
274	190.5	2.4	106.0	25.0	27.1	0.803	0.390	2.5	290.8	274.0	204.8	-2.4	1.98
275	190.4	2.4	107.1	24.9	27.1	0.804	0.390	2.5	290.7	275.0	205.7	-2.4	1.99
276	190.4	2.4	108.1	24.8	27.1	0.805	0.391	2.5	290.5	276.0	206.5	-2.4	2.01
277	190.3	2.4	109.1	24.7	27.2	0.806	0.392	2.5	290.4	277.0	207.4	-2.4	2.02
278	190.2	2.4	110.1	24.5	27.2	0.807	0.392	2.5	290.2	278.0	208.2	-2.4	2.04
279	190.2	2.3	111.1	24.4	27.2	0.808	0.393	2.5	290.1	279.0	209.1	-2.4	2.05
280	190.1	2.3	112.1	24.3	27.3	0.809	0.393	2.5	289.9	280.0	210.0	-2.3	2.06
281	190.0	2.3	113.1	24.1	27.3	0.810	0.394	2.5	289.8	281.0	210.8	-2.3	2.08
282	189.9	2.3	114.1	24.0	27.3	0.812	0.395	2.5	289.6	282.0	211.7	-2.3	2.09
283	189.9	2.3	115.1	23.8	27.4	0.813	0.395	2.5	289.5	283.0	212.5	-2.3	2.11
284	189.8	2.3	116.1	23.6	27.4	0.814	0.396	2.5	289.3	284.0	213.4	-2.3	2.13
285	189.7	2.3	117.1	23.5	27.4	0.815	0.397	2.5	289.2	285.0	214.2	-2.3	2.14
286	189.6	2.3	118.1	23.3	27.5	0.816	0.397	2.5	289.1	286.0	215.1	-2.3	2.16
287	189.6	2.3	119.1	23.1	27.5	0.817	0.398	2.5	288.9	287.0	215.9	-2.3	2.17
288	189.5	2.3	120.1	22.9	27.5	0.818	0.399	2.4	288.8	288.0	216.8	-2.3	2.19
289	189.4	2.3	121.0	22.7	27.6	0.819	0.399	2.4	288.6	289.0	217.6	-2.3	2.21

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

λ_{θ}	$\lambda_g - \lambda_{\theta}$	β_g	α_g	δ_g	ν_g	e	q	i	ω	Ω	λ_{Π}	β_{Π}	a
290	189.4	2.3	122.0	22.5	27.6	0.820	0.400	2.4	288.5	290.0	218.5	-2.3	2.23
291	189.3	2.3	123.0	22.3	27.6	0.822	0.400	2.4	288.3	291.0	219.3	-2.3	2.24
292	189.2	2.3	124.0	22.1	27.7	0.823	0.401	2.4	288.2	292.0	220.2	-2.3	2.26
293	189.1	2.3	124.9	21.9	27.7	0.824	0.402	2.4	288.0	293.0	221.1	-2.3	2.28
294	189.1	2.3	125.9	21.7	27.7	0.825	0.402	2.4	287.9	294.0	221.9	-2.3	2.30
295	189.0	2.2	126.9	21.4	27.8	0.826	0.403	2.4	287.7	295.0	222.8	-2.3	2.32
296	188.9	2.2	127.8	21.2	27.8	0.827	0.404	2.4	287.6	296.0	223.6	-2.3	2.34
297	188.8	2.2	128.8	21.0	27.8	0.829	0.404	2.4	287.5	297.0	224.5	-2.3	2.36
298	188.8	2.2	129.8	20.7	27.9	0.830	0.405	2.4	287.3	298.0	225.3	-2.3	2.38
299	188.7	2.2	130.7	20.5	27.9	0.831	0.406	2.4	287.2	299.0	226.2	-2.3	2.40
300	188.6	2.2	131.7	20.2	27.9	0.832	0.406	2.4	287.0	300.0	227.0	-2.3	2.42
301	188.6	2.2	132.6	20.0	28.0	0.834	0.407	2.4	286.9	301.0	227.9	-2.3	2.44
302	188.5	2.2	133.6	19.7	28.0	0.835	0.407	2.4	286.7	302.0	228.8	-2.3	2.47
303	188.4	2.2	134.5	19.5	28.0	0.836	0.408	2.4	286.6	303.0	229.6	-2.3	2.49
304	188.3	2.2	135.5	19.2	28.1	0.837	0.409	2.3	286.5	304.0	230.5	-2.2	2.51
305	188.3	2.2	136.4	18.9	28.1	0.839	0.409	2.3	286.3	305.0	231.3	-2.2	2.54
306	188.2	2.2	137.3	18.7	28.1	0.840	0.410	2.3	286.2	306.0	232.2	-2.2	2.56
307	188.1	2.2	138.3	18.4	28.2	0.841	0.411	2.3	286.0	307.0	233.0	-2.2	2.59
308	188.1	2.2	139.2	18.1	28.2	0.842	0.411	2.3	285.9	308.0	233.9	-2.2	2.61
309	188.0	2.2	140.1	17.8	28.3	0.844	0.412	2.3	285.7	309.0	234.8	-2.2	2.64
310	187.9	2.1	141.0	17.5	28.3	0.845	0.413	2.3	285.6	310.0	235.6	-2.2	2.66