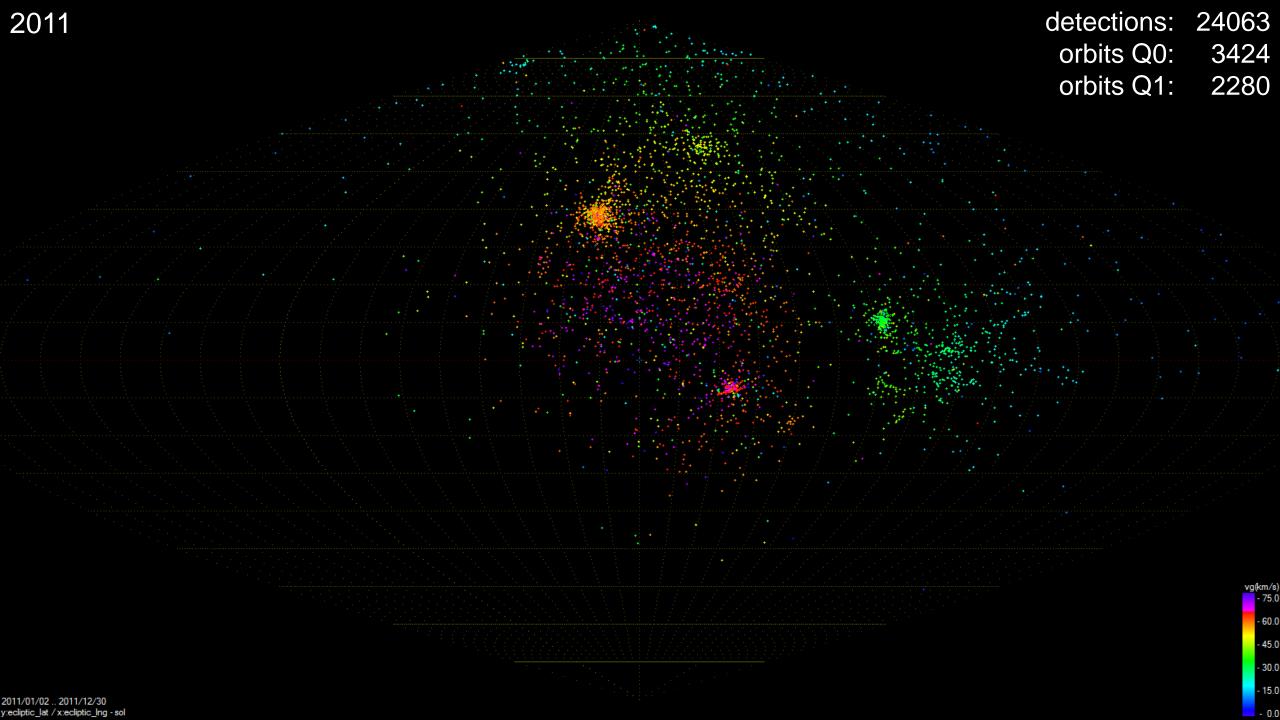
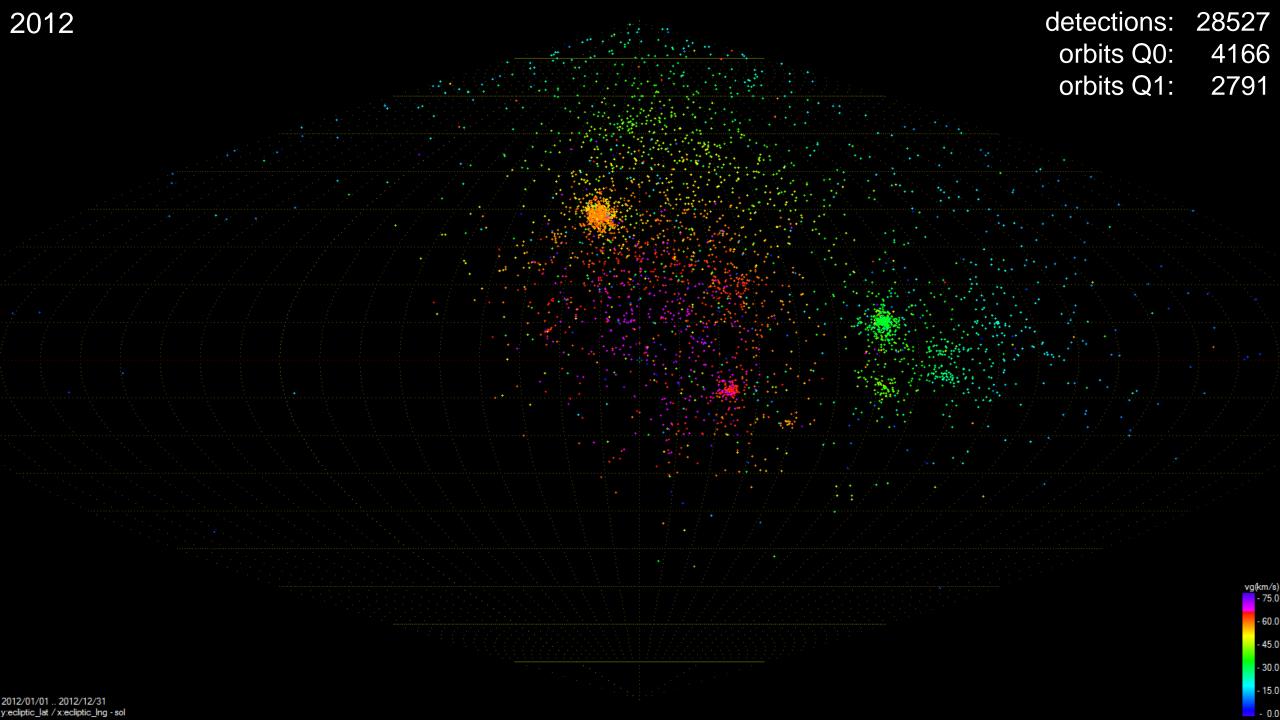
Results of Polish Fireball Network 2017

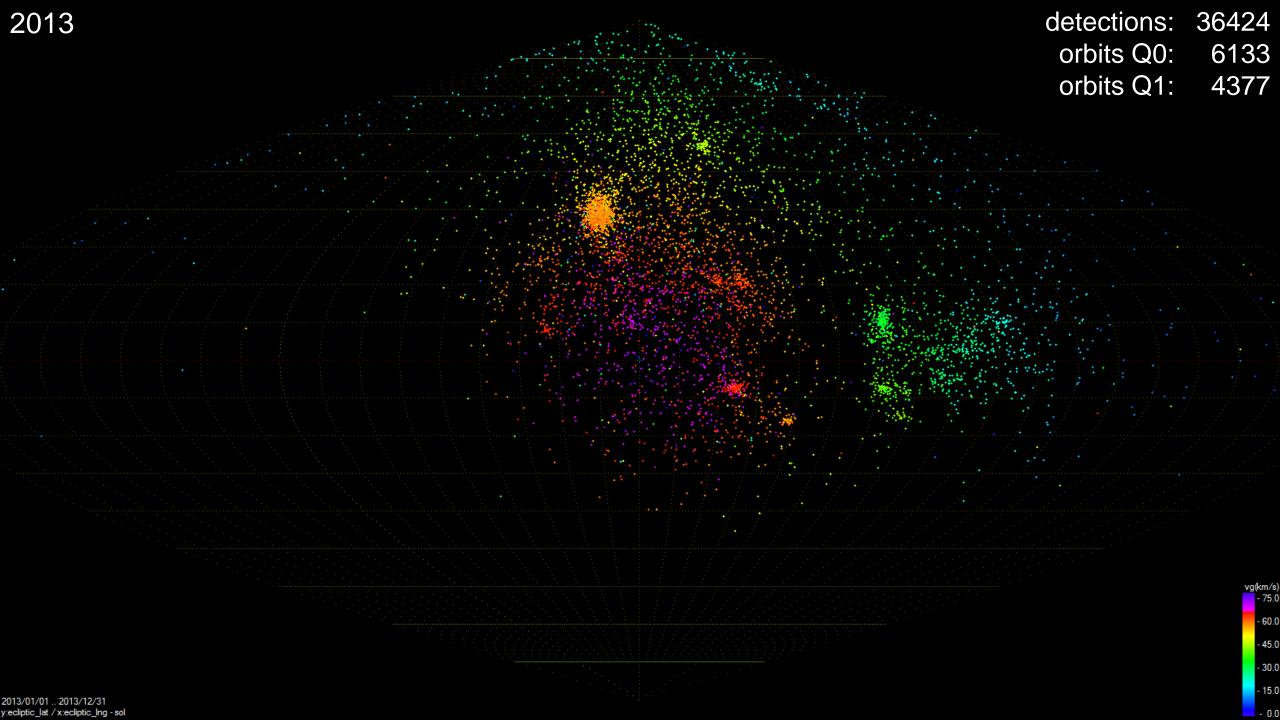
Mariusz Wiśniewski^{1,2}, Przemysław Żołądek¹, Arkadiusz Olech^{1,3}, A. Raj¹, Zbigniew Tyminski^{1,4}, Maciej Maciejewski¹, Karol Fietkiewicz¹, Maciej Myszkiewicz¹, Marcin P. Gawroński^{1,5}, Tomasz Suchodolski^{1,6}, Marcin Stolarz¹ and Mariusz Gozdalski¹

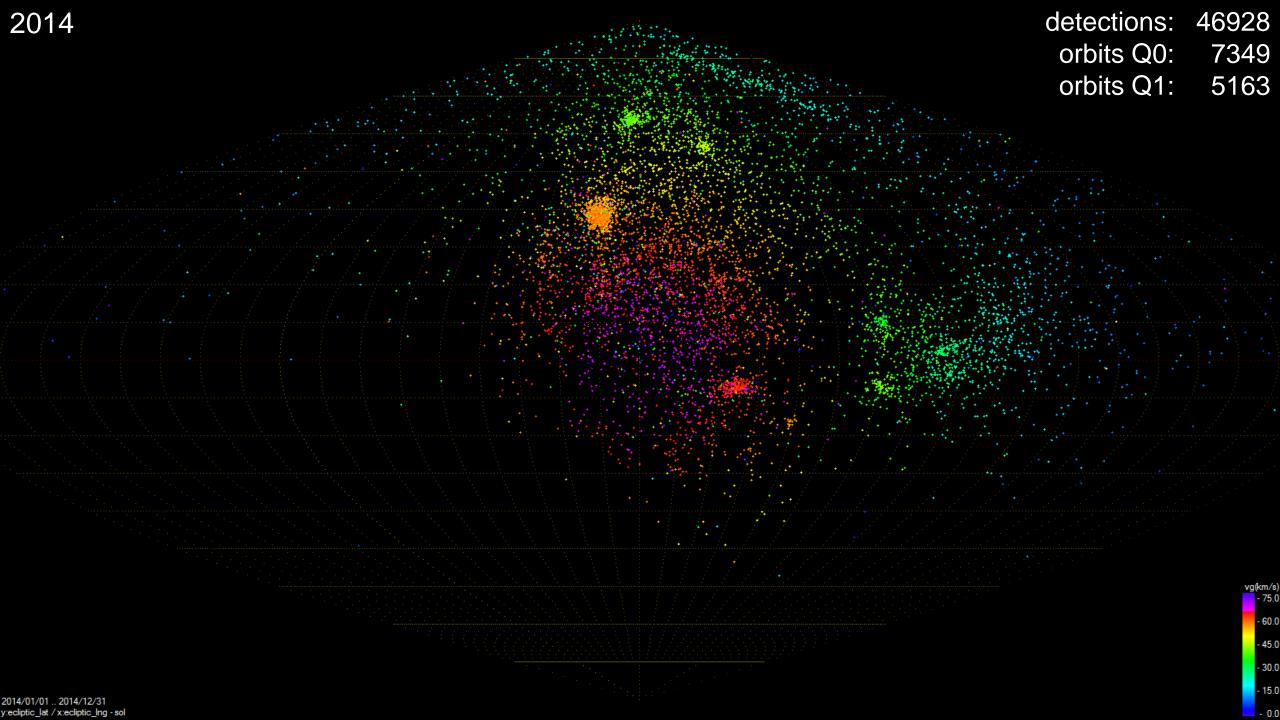
- (1) Polish Fireball Network, Comets and Meteors Workshop, ul. Bartycka 18, 00-716 Warsaw, Poland
- (2) Central Office of Measures, ul. Elektoralna 2, 00-139 Warsaw, Poland
- (3) Nicolaus Copernicus Astronomical Center, ul. Bartycka 18, 00-716 Warsaw, Poland
- (4) National Centre of Nuclear Research RC POLATOM, Soltan 7, Otwock-Świerk, Poland
- (5) Faculty of Physics, Astronomy and Informatics, Nicolaus Copernicus University, Grudziądzka 5, 87-100 Toruń, Poland
- (6) Space Research Centre, Polish Academy of Sciences, ul. Bartycka 18A, 00-716 Warszawa, Poland

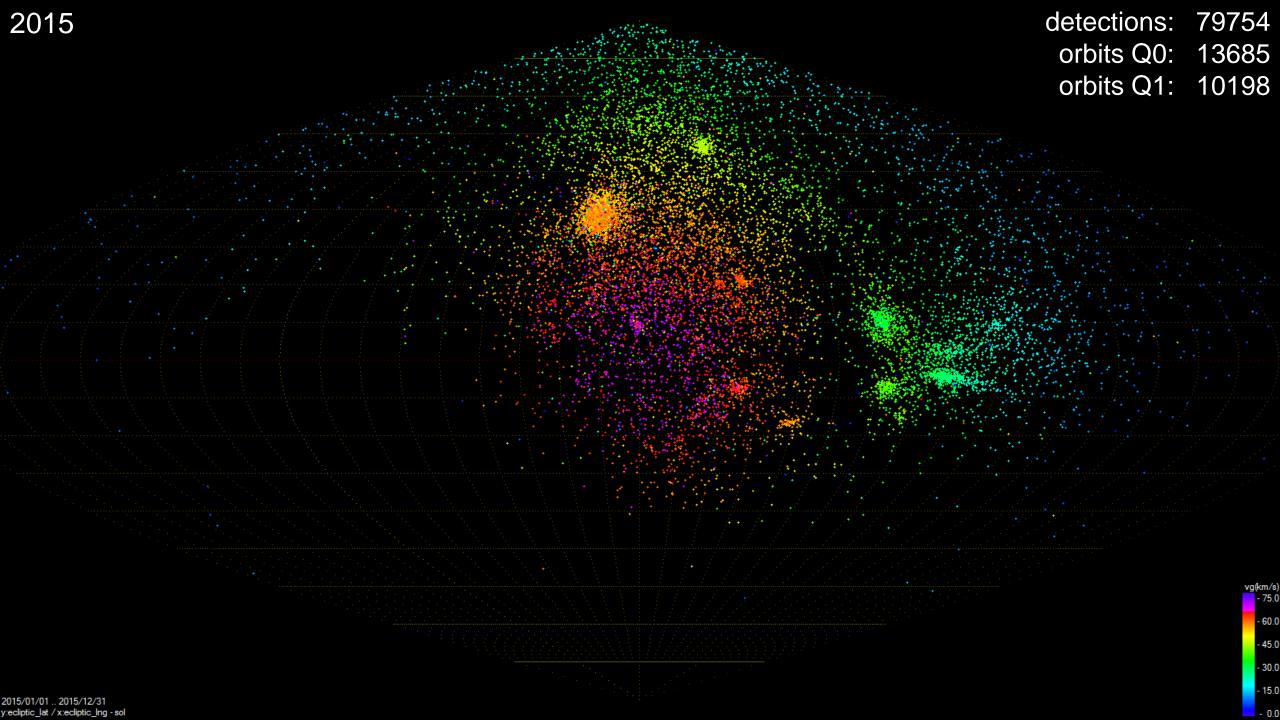
IMC 2018 August 30-September 2, Pezinok-Modra, Slovakia

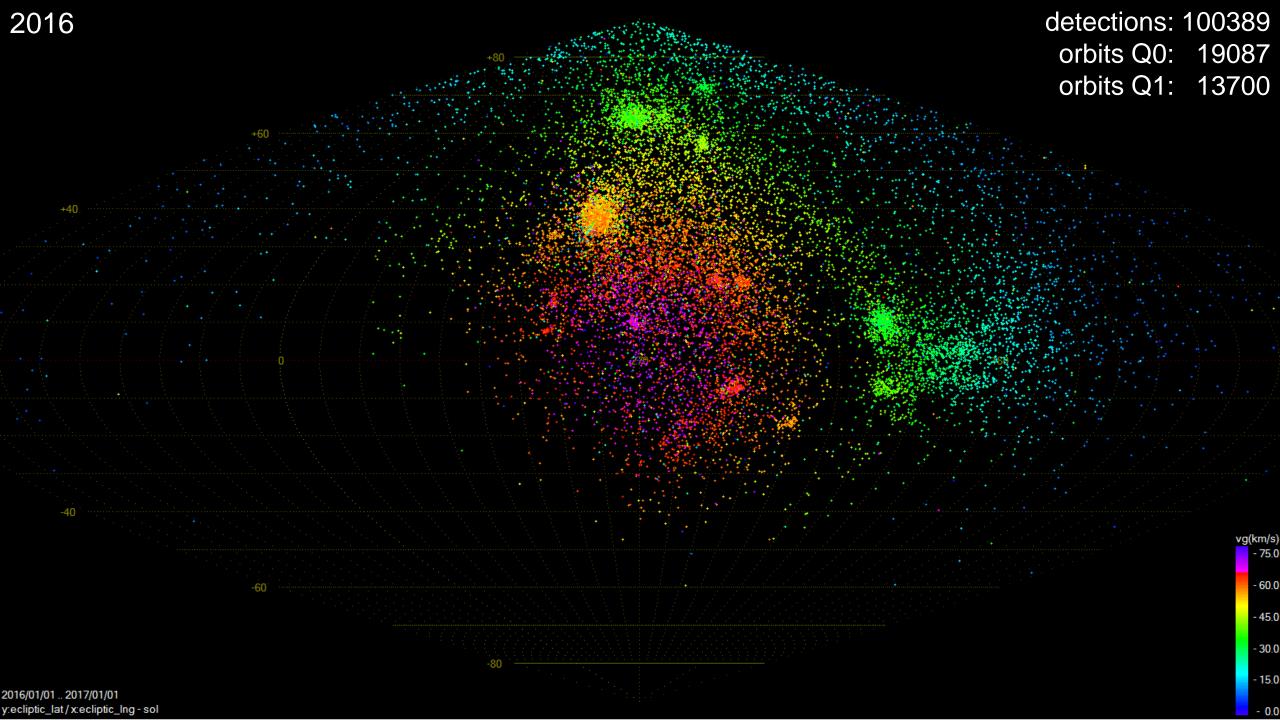


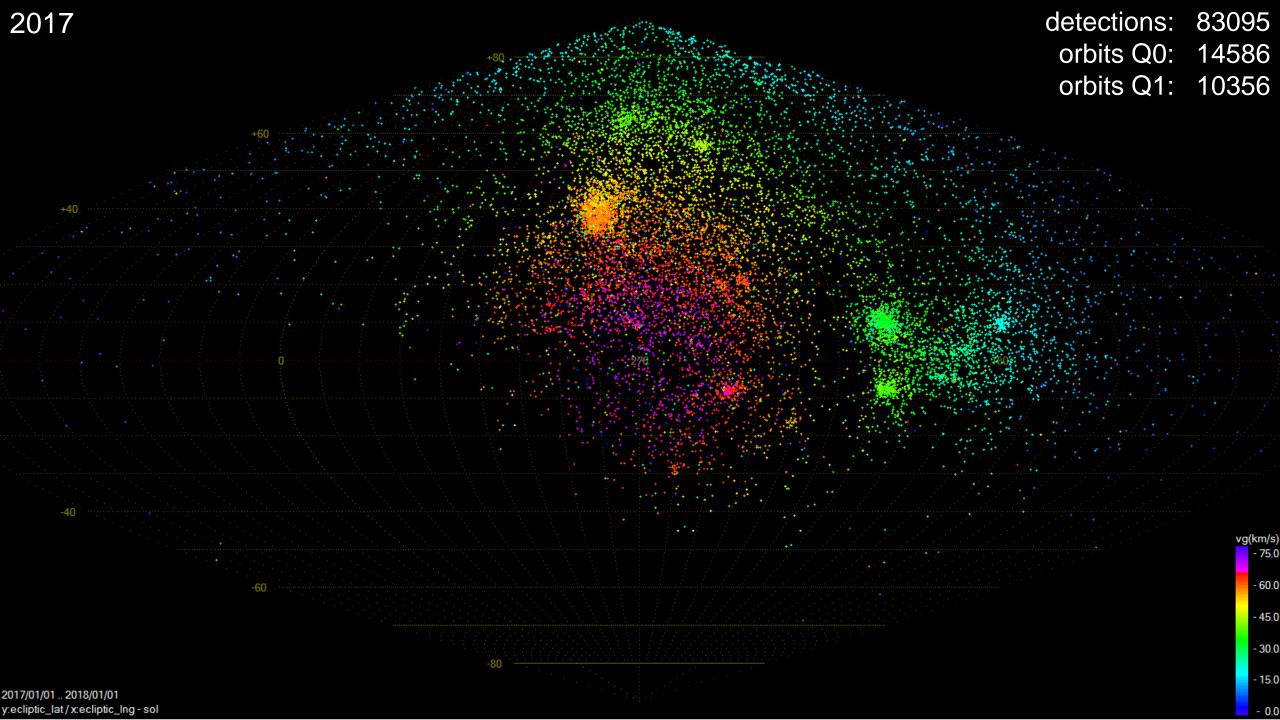


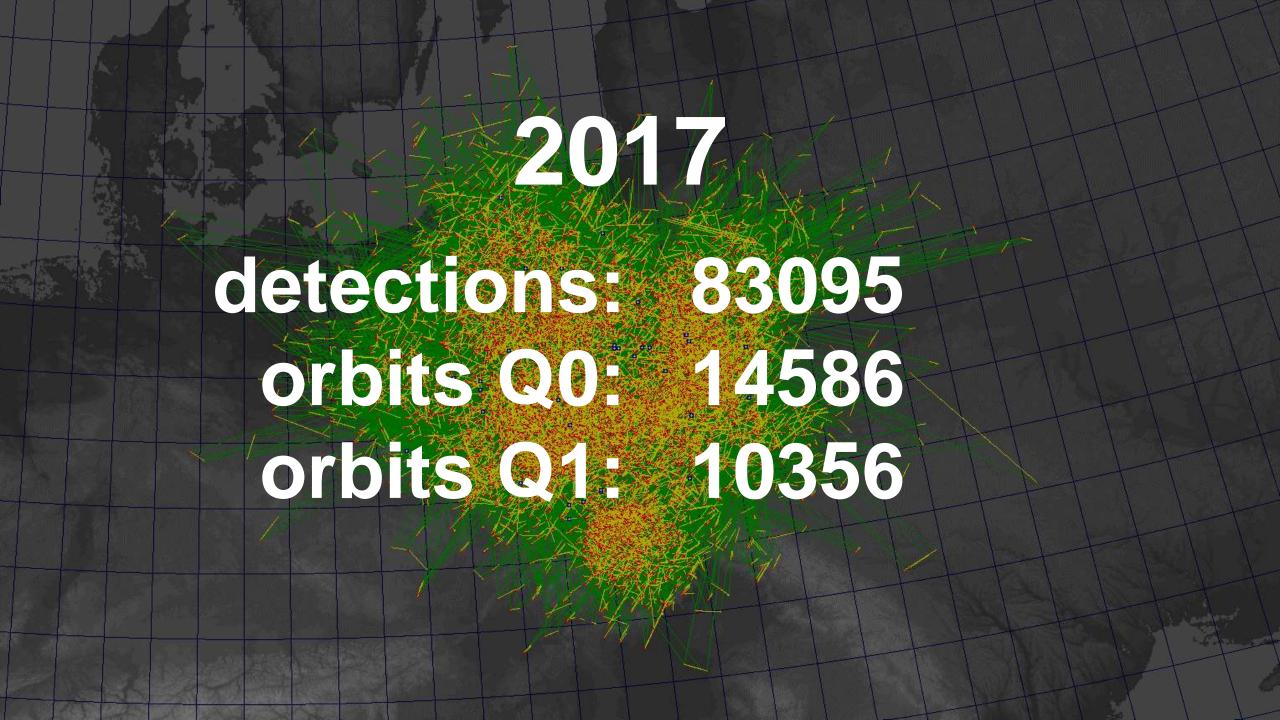


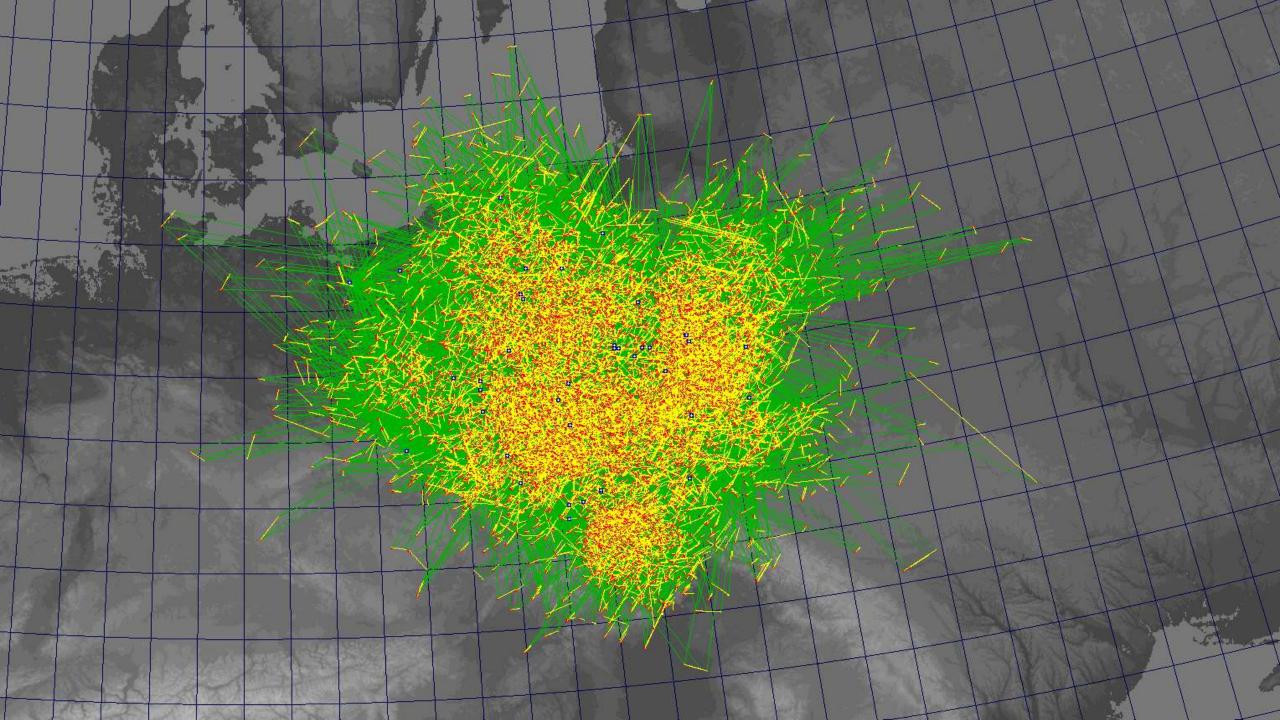




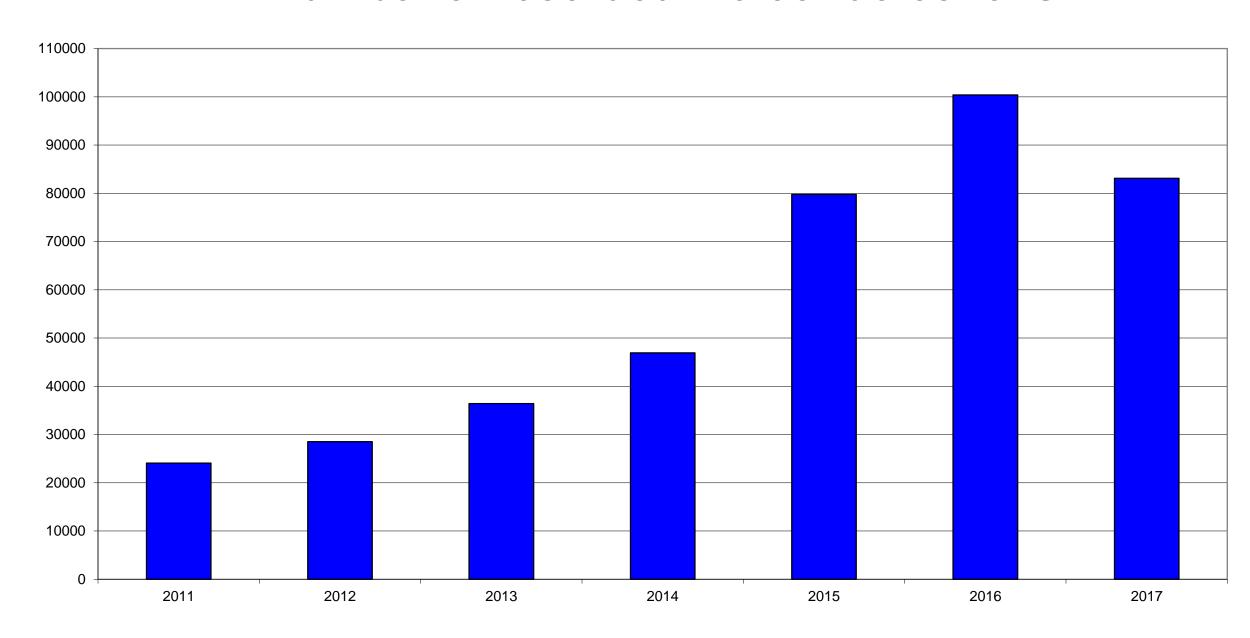




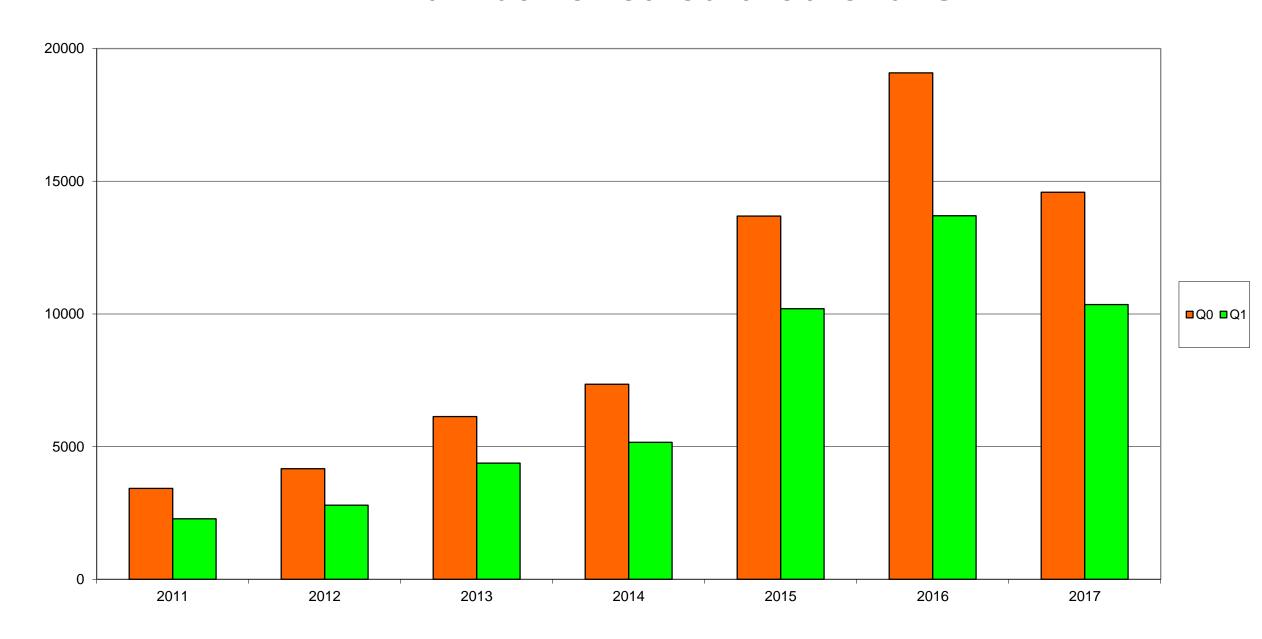




Number of recorded meteor detections



Number of calculated orbits



Summary 2011-2017

	2011	2012	2013	2014	2015	2016	2017	razem
Met	24063	28527	36424	46928	79754	100389	83095	399180
Q0	3424	4166	6133	7349	13685	19087	14586	68430
Q1	2280	2791	4377	5163	10198	13700	10356	48865

Low cost analog video camera



Tayama C3102-01A1 768x576 pix (480x288 pix) 25/50 fps 8 bit F1.2 4mm FOV 66x50 5'/pix (10'/pix)



Sensitive analog video cameras



Mintron 12v6 768x576 pix (768x288 pix) 25/50 fps 8 bit F0,8 6-12mm FOV <66x50 <5'/pix



Digital HD cameras



DMK 33GX 236 1920 x 1200 pix 50/25 fps 8/12 bit F1.2 2.4mm FOV 130x80 4'/pix





Top 10 cameras

Kamera	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1 _PFN32_PAV36_Y	167	49	110	153	168	276	590	1790	498	434	298	340	4873
2 _PFN19_PAV08_Y	403	220	330	261	270	327	668	481	240	698	449	485	4832
3 _PFN32_PAV60_Y	212	104	214	235	170	266	492	1104	387	438	364	311	4297
4 _PFN32_PAV43_Y	100	55	82	87	69	1119	306	885	215	231	603	149	3901
5 _PFN60_PAV80_Y	213	128	189	102	147	204	334	1150	55	491	239	532	3784
6 _PFN32_PAV35_Y	178	150	85	138	112	162	380	1086	677	252	169	207	3596
7 _PFN52_PAV66	273	94	108	125	174	142	382	1017	258	333	152	500	3558
8 _PFN52_PAV75	221	77	115	165	188	182	319	813	216	256	131	465	3148
9 _PFN06_PAV79_Y	143	62	84	60	64	204	398	913	213	335	212	341	3029
10 _PFN67_PAV78_Y	258	83	113	59	75	138	286	511	165	397	253	329	2667
	2168	1022	1430	1385	1437	3020	4155	9750	2924	3865	2870	3659	37685

Serwers





NCBJ

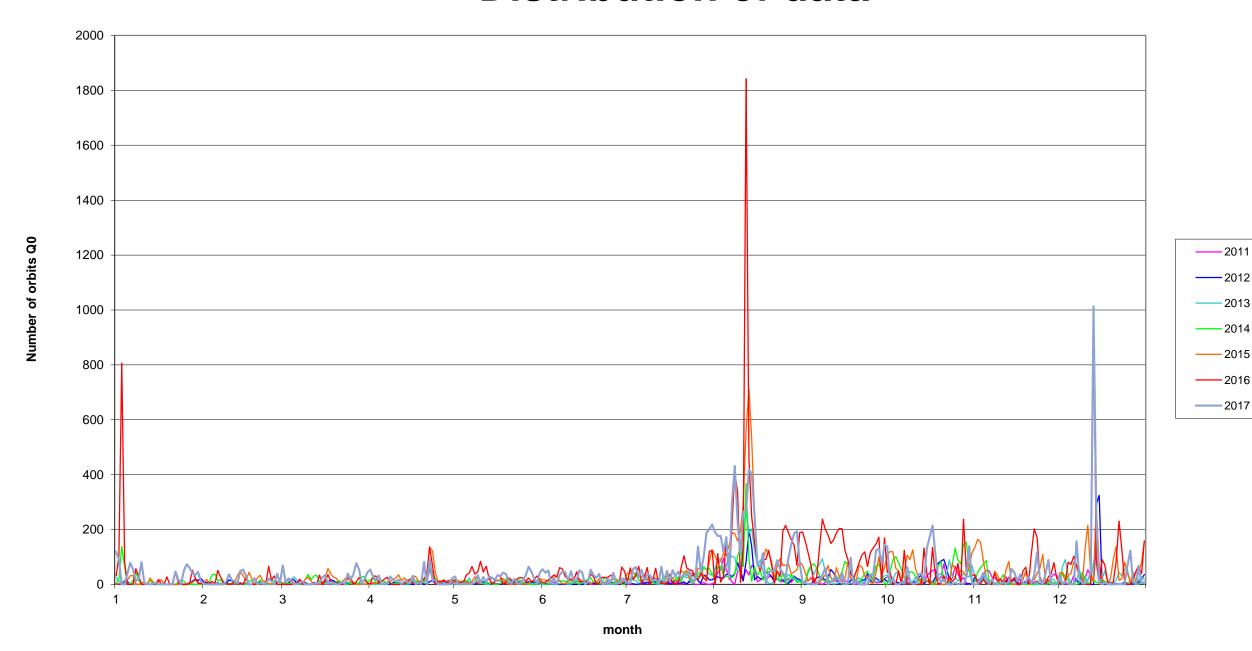
Distribution of data

2011

--2012 2013

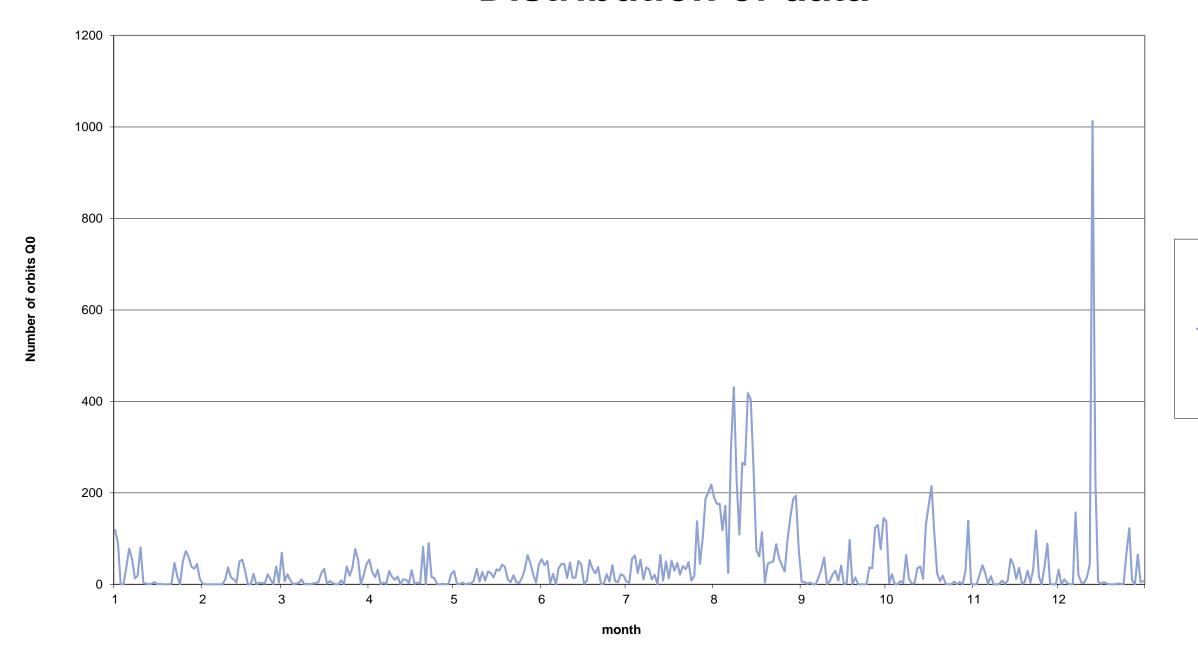
2014 -2015

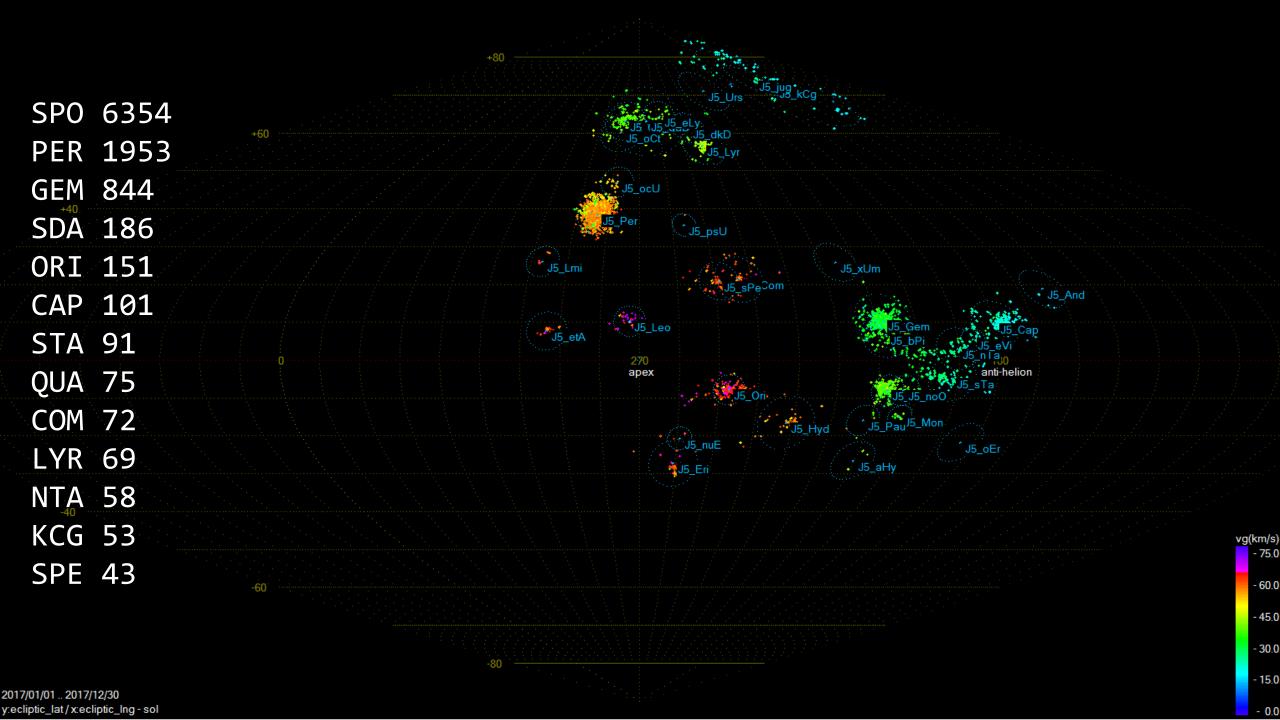
-2016



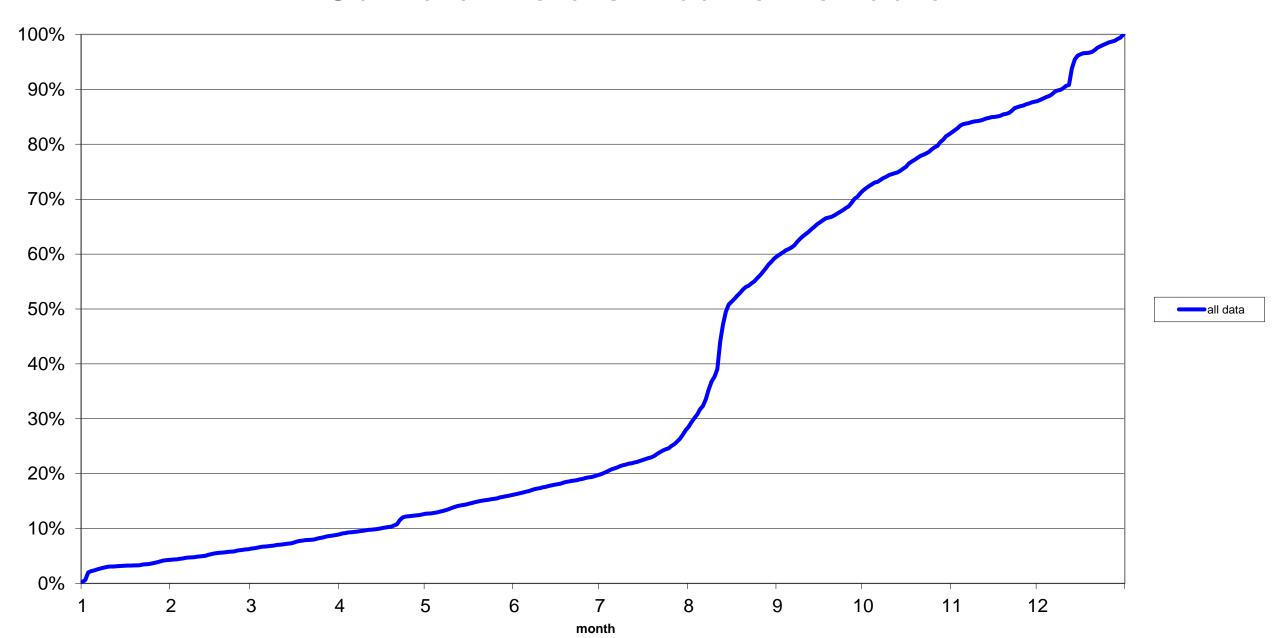
Distribution of data

-2017





Cumulative distribution of data



Cumulative distribution of data

