

Komety przechodzące przez perihelium w 2022 roku

Nazwa	q	e	i	a	P	H(0)	T ₀	m _{max}
P/LINEAR-Hill (429P)	1.806	0.4914	7.522	3.551	6.69	15.5	I 2.1	19.1
Leonard (C/2021 A1)	0.615	1.0001	132.684	—	—	8.5	3.3	6.0
P/Shoemaker-Levy (181P)	1.16	0.7007	17.486	3.875	7.63	11.5	8.8	13.2
ATLAS (C/2019 L3)	3.554	1.0015	48.363	—	—	4.5	9.6	12.1
P/Kowal (104P)	1.073	0.6654	5.701	3.207	5.74	16	11.6	15.4
Rankin (P/2021 R5)	3.323	0.3074	7.853	4.798	10.51	12	12.0	19.7
P/Helin-Lawrence (152P)	3.095	0.3087	9.88	4.477	9.47	12.6	13.7	18.3
P/Giacobini (205P)	1.53	0.5682	15.305	3.543	6.67	13	13.7	16.7
P/Christensen (422P)	3.105	0.5087	39.533	6.320	15.89	11	13.9	18.7
ATLAS (C/2021 Q3)	5.205	0.9303	77.778	74.653	645	8	26.2	18.6
Catalina (C/2021 U5)	2.367	0.9939	39.038	385	7550	13	26.0	17.7
P/Borrelly (19P)	1.306	0.6377	29.304	3.605	6.85	4.5	II 1.8	7.9
Catalina (C/2021 K3)	5.23	1.0035	134.781	—	—	10	2.6	20.5
ZTF (C/2021 D2)	2.946	1.0013	83.831	—	—	9	4.0	15.7
PANSTARRS (P/2011 W1)	3.322	0.2875	3.719	4.663	10.07	11.5	7.7	18.7
P/Wild (86P)	2.261	0.3723	15.475	3.601	6.83	11	7.6	17.8
P/Garradd (259P)	1.806	0.3386	15.891	2.730	4.51	15.5	8.4	20.3
P/PANSTARRS (348P)	2.184	0.3067	17.74	3.150	5.59	14	12.5	18.2
Borisov (C/2021 L3)	8.457	1.0007	78.58	—	—	6	13.7	19.9
P/Scotti (431P)	1.814	0.4779	22.39	3.474	6.47	14	13.3	18.1
P/Metcalf-Brewington (97P)	2.57	0.46	17.952	4.760	10.39	5.5	15.5	13.5
PANSTARRS (P/2016 J1-B)	2.45	0.2277	14.331	3.172	5.65	17	19.9	21.5
PANSTARRS (P/2016 J1-A)	2.45	0.2278	14.329	3.172	5.65	16.5	20.7	21.5
PANSTARRS (C/2020 R2)	4.692	0.9886	53.226	413	8400	9	24.4	19.0
ATLAS (C/2021 S1)	6.119	1.0005	52.091	—	—	7	28.6	18.5
P/LINEAR (288P)	2.437	0.2015	3.238	3.052	5.33	16	III 2.2	19.4
P/Larson (382P)	4.416	0.3179	8.109	6.475	16.48	8	3.8	17.3
P/Tempel (9P)	1.544	0.5092	10.47	3.146	5.58	12.5	4.9	11.4
P/Kopff (22P)	1.552	0.5488	4.742	3.440	6.38	3	18.1	9.5
P/LINEAR (230P)	1.569	0.5456	15.47	3.452	6.41	13	19.3	16.6
Kobayashi (P/1997 B1)	2.056	0.7604	12.34	8.580	25.13	15	28.7	15.9
P/Yang-Gao (325P)	1.432	0.5934	16.694	3.523	6.61	14	29.2	15.8
P/Catalina-McNaught (319P)	1.189	0.6666	15.095	3.566	6.73	15	31.4	17.2
A/2021 F1	0.996	0.9958	107.324	237	3650	17.5	IV 6.9	17.8
PANSTARRS (C/2020 U4)	5.354	1.0016	167.036	—	—	7	7.9	17.7
P/Shoemaker-Levy (135P)	2.68	0.2951	6.063	3.802	7.41	7	7.3	16.7
P/Tombaugh-Tenagra (274P)	2.453	0.4392	15.817	4.374	9.15	13	8.5	18.1
P/Kowal (99P)	4.706	0.2295	4.339	6.107	15.09	4.5	12.9	17.4
PANSTARRS (C/2021 O3)	0.287	1.0001	56.776	—	—	10.5	21.0	4.9
P/Reinmuth (44P)	2.112	0.4276	5.898	3.690	7.09	8.3	23.4	15.2
A/2021 E4	4.676	0.9935	116.361	720	19 tys.	13.5	25.4	18.8
P/Honda-Mrkos-Pajdusakova (45P)	0.557	0.8175	4.323	3.053	5.33	13.5	25.5	9.4
PANSTARRS (C/2020 U5)	3.756	0.9994	97.272	6700	550 tys.	8	27.9	16.6
Rankin (C/2021 V1)	3.013	0.9955	71.439	666	17 tys.	13	30.4	20.6
P/LONEOS (182P)	0.994	0.6632	16.226	2.951	5.07	18	V 12.2	19.0
P/Christensen (286P)	2.361	0.4254	17.046	4.109	8.33	14	12.6	18.9
P/Hill (420P)	2.788	0.4952	14.503	5.523	12.98	11.5	22.7	17.6
McNaught (P/2012 O3)	1.614	0.647	16.616	4.572	9.78	16.5	29.8	19.5
P/Jedicke (179P)	4.118	0.306	19.898	5.934	14.45	2.5	29.9	17.6
PANSTARRS (C/2021 P1)	4.375	0.9998	51.627	24 tys.	3.7 mln	11	VI 1.8	20.5
P/Spitaler (113P)	2.142	0.4201	5.291	3.694	7.10	13.5	1.3	19.1
Fuls (C/2021 T2)	1.263	1.0306	118.094	—	—	12	4.6	13.5

Nazwa	q	e	i	a	P	H(0)	T ₀	m _{max}
P/Read (238P)	2.369	0.2524	1.264	3.168	5.64	14.5	VI 5.9	19.5
ATLAS (C/2019 T4)	4.242	0.9958	53.625	1 tys.	32 tys.	5	9.2	13.9
ZTF (C/2021 E3)	1.777	1.0008	112.56	—	—	8.5	11.9	11.4
P/Anderson-LINEAR (148P)	1.629	0.5499	3.658	3.619	6.88	16	13.6	18.1
ATLAS (C/2020 Y2)	3.132	0.9974	101.295	1200	42 tys.	6.5	17.7	13.9
PANSTARRS (P/2013 G4)	2.622	0.4095	5.917	4.440	9.36	15	19.4	20.5
P/WISE (337P)	1.654	0.4967	15.371	3.286	5.96	17	VII 1.1	18.3
P/Helin-Roman-Alu (117P)	3.04	0.2556	8.704	4.083	8.25	2.5	7.6	13.7
P/NEAT (169P)	0.603	0.7683	11.299	2.601	4.20	16	9.7	14.8
ATLAS (C/2020 F2)	8.817	1.0043	163.582	—	—	4.5	16.1	18.4
P/Wild (116P)	2.197	0.3706	3.604	3.490	6.52	2.5	17.0	12.6
P/NEAT (272P)	2.432	0.4545	18.076	4.458	9.41	16	17.1	18.6
ATLAS (C/2021 P4)	1.081	0.9965	56.312	307	5400	9.5	30.4	11.3
P/Hartley (100P)	2.017	0.4123	25.565	3.433	6.36	9	VIII 11.0	13.3
P/Holt-Olmstead (127P)	2.21	0.36	14.297	3.454	6.42	11	10.8	17.0
P/Parker-Hartley (119P)	2.328	0.3889	7.394	3.809	7.43	3.5	11.7	12.5
P/Gibbs (335P)	1.624	0.546	7.293	3.577	6.77	17	12.0	21.2
Lemmon-PANSTARRS (P/2014 R5)	2.378	0.4138	1.088	4.056	8.17	15	19.0	19.5
PANSTARRS (P/2021 V3)	3.4	0.254	3.69	4.558	9.73	13	18.3	20.4
McNaught (P/2011 Q3)	2.322	0.5328	6.058	4.971	11.08	13.5	19.4	17.8
P/Wilson-Harrington (107P)	0.967	0.6317	2.799	2.625	4.25	9	24.7	16.5
P/Schwassmann-Wachmann (73P)	0.973	0.6854	11.228	3.093	5.44	11.5	25.7	11.4
P/Schwassmann-Wachmann (73P-T)	0.973	0.6856	11.23	3.094	5.44	11.5	27.2	11.4
P/NEAT (189P)	1.212	0.5887	20.069	2.946	5.06	19	28.8	19.2
P/Van Ness (327P)	1.556	0.5631	36.251	3.562	6.72	16	IX 2.4	17.0
PANSTARRS (P/2015 X1)	2.111	0.4192	12.152	3.635	6.93	16	7.0	19.7
P/Levy (255P)	0.848	0.712	13.424	2.944	5.05	14.1	7.2	14.4
P/Tritton (157P)	1.572	0.5571	12.431	3.549	6.69	10	9.7	13.3
P/Tuttle-Giacobini-Kresak (41P)	1.05	0.66	9.221	3.088	5.43	10	13.4	12.3
PANSTARRS (P/2017 S8)	1.693	0.3913	29.846	2.781	4.64	16	16.2	19.6
ATLAS (C/2020 R7)	2.956	0.9998	114.892	19 tys.	2.6 mln	7	16.2	12.5
P/LINEAR (214P)	1.861	0.4858	15.183	3.619	6.88	13	26.3	18.0
P/LINEAR-NEAT (224P)	2.045	0.4068	13.298	3.447	6.40	15.5	29.9	19.1
P/Harrington (51P-D)	1.692	0.5434	5.427	3.707	7.14	16	X 1.8	19.9
P/Harrington (51P-A)	1.693	0.5435	5.426	3.708	7.14	10	3.9	14.0
P/Novichonok-Gerke (408P)	3.469	0.2705	19.346	4.755	10.37	11	3.7	18.4
P/Hill (211P)	2.328	0.3435	18.921	3.546	6.68	12.5	4.6	17.7
Zhao (P/2007 S1)	2.522	0.3397	5.964	3.820	7.47	13	7.7	18.0
P/Shajn-Schaldach (61P)	2.124	0.424	5.999	3.688	7.08	6	24.2	14.5
P/Tichy (196P)	2.174	0.4286	19.293	3.804	7.42	13.5	29.7	17.3
P/LINEAR-NEAT (204P)	1.836	0.4881	6.597	3.587	6.79	14	XI 16.6	16.9
P/Scotti (244P)	3.921	0.199	2.259	4.895	10.83	9	16.6	17.3
LINEAR-Grauer (P/2010 TO20)	5.509	0.0553	2.479	5.832	14.08	9	22.4	19.7
P/LINEAR (176P)	2.578	0.1931	0.235	3.196	5.71	15.1	22.9	17.2
P/Shoemaker-Levy (118P)	1.83	0.4542	10.098	3.353	6.14	12	24.1	14.6
Christensen (P/2007 A2)	2.799	0.558	26.488	6.331	15.93	13.5	29.1	19.6
P/Shoemaker-Levy (129P)	3.924	0.0842	3.442	4.285	8.87	11	XII 1.7	19.5
P/LINEAR (197P)	1.063	0.6295	25.531	2.868	4.86	16.5	7.7	17.3
P/Peters-Hartley (80P)	1.615	0.5987	29.926	4.024	8.07	9	8.9	13.1
P/Wild (81P)	1.598	0.5371	3.237	3.452	6.41	7	15.7	11.4
PANSTARRS (C/2017 K2)	1.797	1.0007	87.557	—	—	1.5	19.7	6.0

[Elementy orbit wg. <https://minorplanetcenter.net/iau/Ephemerides/Comets/Soft02Cmt.txt>, pobrane 13.11.2021]