

Komety przechodzące przez peryhelium w 2010 roku

Nazwa	q	e	i	a	P	H(0)	T ₀		m _{max}
Hill (C/2009 O4)	2.563	1.0000	95.807	—	—	10.0	1.3	I	16.5
P/Shoemaker-Levy (118P)	1.984	0.4272	8.509	3.464	12.00	12.0	2.3	I	15.0
P/Gehrels (82P)	3.633	0.1219	1.126	4.138	17.12	5.0	12.5	I	18.3
P/Hartley 1 (100P)	2.100	0.3900	25.580	3.443	11.85	13.0	30.0	I	17.2
P/LINEAR-NEAT (224P)	1.990	0.4167	13.433	3.411	11.64	15.5	31.7	I	19.6
Catalina (C/2009 K2)	3.247	0.9973	66.821	1219	1.5 mln	10.0	7.5	II	17.6
P/Korlevic (203P)	3.182	0.3148	2.976	4.644	21.57	14.5	8.2	II	18.8
Boattini (C/2009 P2)	6.544	1.0018	163.455	—	—	6.0	10.9	II	18.0
P/Mueller (149P)	2.651	0.3886	29.735	4.336	18.80	8.0	19.3	II	17.8
P/Tritton (157P)	1.361	0.6012	7.278	3.412	11.64	10.0	20.5	II	11.8
P/Wild (81P)	1.598	0.5374	3.238	3.454	11.93	7.0	22.7	II	9.3
P/IRAS (126P)	1.713	0.6964	45.828	5.643	31.85	6.0	22.7	II	12.8
P/Gunn (65P)	2.441	0.3195	10.386	3.587	12.86	5.0	2.0	III	12.2
P/LINEAR (219P)	2.364	0.3528	11.522	3.652	13.34	11.0	6.1	III	16.8
P/Siding Spring (162P)	1.233	0.5961	27.817	3.052	9.32	12.0	8.4	III	14.5
Catalina (C/2009 O2)	0.707	1.0000	108.477	—	—	11.0	25.1	III	8.9
LINEAR-Skiff (P/2001 R6)	2.178	0.4780	17.391	4.172	17.41	13.0	26.2	III	18.8
P/Russell (94P)	2.240	0.3630	6.183	3.516	12.37	9.0	29.9	III	14.8
P/Reinmuth (30P)	1.884	0.5008	8.123	3.774	14.24	9.5	19.6	IV	14.6
Spacewatch (C/2007 VO53)	4.843	0.9997	86.997	17 tys.	290 mln	7.0	26.4	IV	17.2
McNaught (C/2009 K5)	1.423	1.0008	103.884	—	—	7.5	30.0	IV	9.6
P/Kowal (104P)	1.179	0.6388	10.271	3.264	10.65	12.5	4.5	V	14.8
P/Ge-Wang (142P)	2.487	0.4993	12.301	4.967	24.67	8.5	31.0	V	16.1
P/NEAT (215P)	3.214	0.2008	12.791	4.021	16.17	11.0	7.7	VI	17.8
P/Haneda-Campos	1.278	0.6300	4.943	3.454	11.93	13.5	8.0	VI	16.6
P/Wolf-Harrington (43P)	1.357	0.5951	15.977	3.352	11.24	8.0	1.5	VII	11.8
McNaught (C/2009 R1)	0.401	1.0000	76.698	—	—	8.0	2.2	VII	4.6
P/Tempel (10P)	1.423	0.5363	12.023	3.069	9.42	5.0	4.9	VII	8.1
LINEAR (P/1999 U3)	1.919	0.6127	20.919	4.955	24.55	13.5	18.2	VII	18.3
P/Encke (2P)	0.337	0.8478	11.781	2.216	4.91	11.5	6.6	VIII	5.0
P/Skiff (223P)	2.417	0.4175	27.045	4.149	17.21	12.0	15.2	VIII	17.0
Catalina-LINEAR (P/2004 EW38)	1.795	0.4997	6.525	3.588	12.88	16.5	3.8	IX	19.9
Lemmon-Siding Spring (C/2008 FK75)	4.512	1.0031	61.165	—	—	5.0	29.0	IX	14.6
P/Schwassmann-Wachmann (31P)	3.424	0.1922	4.548	4.238	17.96	5.0	30.3	IX	18.0
NEAT (P/2002 X2)	2.127	0.4504	23.551	3.870	14.98	12.0	4.5	X	15.9
P/Hartley 2 (103P)	1.058	0.6956	13.560	3.477	12.09	10.5	19.0	XI	8.1

q – odległość komety od Słońca w peryhelium [j.a.]

e – mimośród orbity komety

i – nachylenie orbity komety do płaszczyzny ekliptyki [°]

a – wielka półoś orbity komety [j.a.]

P – okres obiegu komety wokół Słońca (w latach)

H(0) – jasność absolutna komety (1 j.a. od Ziemi i 1 j.a. od Słońca) [m].

T₀ – data przejścia komety przez peryhelium w 2010 roku

m_{max} – maksymalna spodziewana jasność komety [m]

[Elementy orbit wg. <http://cfa-www.harvard.edu/iau/Ephemerides/Comets/>, pobrane 17.09.2009]