

### Komety przechodzące przez peryhelium w 2011 roku

Nazwa	q	e	i	a	P	H(0)	T <sub>0</sub>	m <sub>max</sub>
Beshore (C/2009 K3)	3.902	1.0000	146.680	—	—	8.5	9.3 I	16.9
P/Tempel (9P)	1.510	0.5166	10.522	3.124	9.76	5.5	12.4 I	11.8
Catalina (C/2009 Y1)	2.521	0.9933	107.316	373.8	140 tys.	9.0	28.9 I	15.2
Cardinal (C/2010 B1)	2.942	0.9990	101.981	3 tys.	9 mln.	7.5	7.0 II	13.8
P/Mueller 2 (131P)	2.320	0.3510	7.100	3.575	12.78	13.0	2.0 III	15.9
P/NEAT (243P)	2.456	0.3594	7.636	3.833	14.69	12.5	3.6 III	18.8
NEAT (P/2003 S2)	2.455	0.3591	7.637	3.831	14.68	12.5	4.2 III	18.8
P/Read (238P)	2.360	0.2540	1.266	3.163	10.01	14.5	11.2 III	20.2
LINEAR-NEAT (P/2004 T1)	1.708	0.5079	11.044	3.470	12.04	12.5	25.0 IV	17.0
P/LINEAR-NEAT (231P)	3.032	0.2463	12.328	4.023	16.19	14.5	17.0 V	18.5
P/Christensen (164P)	1.675	0.5414	16.263	3.652	13.33	11.0	2.4 VI	15.4
Boattini (C/2008 S3)	8.019	1.0006	162.700	—	—	4.0	5.6 VI	17.3
P/Van Ness (213P)	2.123	0.3797	10.239	3.422	11.71	10.5	16.1 VI	14.3
P/McNaught-Hughes (130P)	2.098	0.4068	7.307	3.538	12.52	10.0	24.7 VI	15.3
P/Tsuchinshan 1 (62P)	1.384	0.5981	9.710	3.444	11.86	8.0	30.2 VI	16.0
P/LINEAR (176P)	2.575	0.1936	0.238	3.194	10.20	15.0	2.3 VII	18.2
P/West-Hartley (123P)	2.129	0.4481	15.357	3.858	14.88	4.0	4.5 VII	14.5
P/Harrington-Wilson	1.270	0.5900	14.000	3.098	9.59	8.0	31.0 VII	10.8
P/Crommelin (27P)	0.748	0.9187	28.690	9.198	84.60	12.0	4.4 VIII	10.5
P/Taylor (69P)	2.271	0.4156	22.038	3.887	15.11	9.5	16.9 VII	18.3
P/Metcalf-Brewington (97P)	2.592	0.4598	17.885	4.799	23.03	5.5	21.9 VIII	13.2
P/LINEAR (228P)	3.430	0.1766	7.916	4.166	17.36	14.5	24.3 VIII	19.3
Hill (C/2010 G2)	1.981	0.9795	103.739	96.8	9 tys.	8.0	2.0 IX	11.9
P/Honda-Mrkos-Pajdusakova (45P)	0.530	0.8247	4.256	3.021	9.12	14.0	28.8 IX	7.8
P/Johnson (48P)	2.302	0.3678	13.661	3.641	13.26	10.0	29.1 IX	13.6
P/Maury (115P)	2.035	0.5214	11.706	4.252	18.08	10.5	6.9 X	17.3
P/Schwassmann-Wachmann 3 (73P)	0.943	0.6922	11.375	3.063	9.38	10.5	14.0 X	11.1
Lagerkvist (P/1996 R2)	2.612	0.3097	2.604	3.784	14.32	11.5	17.4 X	16.7
P/Arend-Rigaux (49P)	1.422	0.6007	19.069	3.560	12.68	11.3	19.1 X	13.6
P/Tuttle-Giacobini-Kresak (41P)	1.049	0.6601	9.226	3.087	9.53	12.5	10.2 XI	14.3
Lemmon (C/2009 S3)	6.475	1.0018	60.386	—	—	6.5	10.5 XII	18.5
P/Forbes (37P)	1.575	0.5411	8.959	3.431	11.77	10.5	10.9 XII	14.8
P/Clark (71P)	1.567	0.4987	9.478	3.126	9.77	11.5	17.9 XII	16.5
Garradd (C/2009 P1)	1.551	1.0004	106.229	—	—	4.0	23.9 XII	7.0
P/Whipple (36P)	3.087	0.2590	9.936	4.166	17.36	8.5	31.0 XII	17.5
McNaught (C/2009 F4)	5.455	1.0027	79.334	—	—	3.0	31.7 XII	14.1

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].

T<sub>0</sub> – data przejścia komety przez peryhelium w 2011 roku

m<sub>max</sub> – maksymalna spodziewana jasność komety [m]

[Elementy orbit wg. <http://cfa-www.harvard.edu/iau/Ephemerides/Comets/>, pobrane 18.10.2010]