

Komety przechodzące przez peryhelium w 2015 roku

Nazwa	q	e	i	a	P	H(0)	T ₀		m _{max}
Tenagra (C/2014 F2)	4.315	0.9709	119.061	148.113	22 tys.	9.5	2.3	I	18.9
PANSTARRS (C/2014 Q6)	4.243	1.0000	50.014	—	—	11.0	2.5	I	20.6
PANSTARRS (C/2013 W2)	4.451	0.5669	4.548	10.277	106	13.5	6.3	I	19.4
P/LONEOS (201P)	1.339	0.6128	7.033	3.459	11.96	14.0	14.6	I	15.4
Tenagra (C/2013 G9)	5.338	1.0011	146.232	—	—	7.0	14.7	I	17.5
Lovejoy (C/2014 Q2)	1.291	0.9980	80.302	657	430 tys.	8.5	30.1	I	8.1
P/Pons-Winnecke (7P)	1.239	0.6375	22.335	3.419	11.69	10.0	30.5	I	13.0
PANSTARRS (C/2014 G3)	4.698	0.9158	155.825	55.817	3116	9.0	2.5	II	18.6
LINEAR (P/2005 Q4)	1.740	0.6081	17.666	4.441	19.72	15.0	16.5	II	18.6
P/Catalina-PANSTARRS (299P)	3.140	0.2820	10.480	4.373	19.12	11.5	23.3	II	18.2
Catalina (C/2014 AA52)	2.003	1.0004	105.211	—	—	10.0	27.7	II	14.8
P/Sanguin (92P)	1.825	0.6595	19.443	5.361	28.74	12.0	1.2	III	18.2
P/d'Arrest (6P)	1.361	0.6114	19.482	3.503	12.27	7.5	2.4	III	14.7
NEOWISE (C/2014 N3)	3.883	0.9992	61.628	5 tys.	25 mln.	7.0	13.1	III	16.0
P/Reinmuth (44P)	2.119	0.4266	5.896	3.694	13.65	8.3	24.2	III	15.6
LINEAR (P/2008 WZ96)	1.647	0.5098	6.958	3.360	11.29	13.5	25.9	III	17.7
P/Wild (86P)	2.264	0.3718	15.473	3.603	12.98	11.0	3.4	IV	17.1
P/Howell (88P)	1.359	0.5630	4.383	3.109	9.66	11.0	6.3	IV	14.2
PANSTARRS (C/2012 F3)	3.457	1.0014	11.355	3.095	9.58	6.5	6.7	IV	14.0
P/Neujmin (42P)	2.028	0.5840	3.984	4.875	23.76	13.0	8.3	IV	19.3
Hill (P/2006 S6)	2.384	0.4265	13.185	4.156	17.27	13.5	18.5	IV	19.7
P/Echeclus (174P)	5.817	0.4556	4.343	10.686	114.19	9.4	22.9	IV	16.7
P/LINEAR (218P)	1.171	0.6218	2.716	3.098	9.59	16.0	23.2	IV	15.0
P/Spitaler (113P)	2.119	0.4246	5.776	3.683	13.56	13.5	23.7	IV	18.9
P/Bernardi (268P)	2.420	0.4697	16.101	4.563	20.82	14.0	27.5	IV	19.1
P/Lagerkvist-Carsenty (308P)	4.226	0.3638	4.847	6.642	44.12	13.0	7.2	V	18.8
Zhao (P/2007 S1)	2.494	0.3437	5.973	3.801	14.44	13.0	9.9	V	18.8
P/Giacobini (205P)	1.537	0.5670	15.285	3.548	12.59	13.0	14.1	V	16.3
LINEAR-Hill (P/2008 QP20)	1.723	0.5065	7.742	3.492	12.20	15.5	17.3	V	20.0
P/du Toit-Neujmin-Delporte (57P)	1.729	0.4992	2.848	3.452	11.91	12.5	22.3	V	16.7
P/Borrelly (19P)	1.349	0.6255	30.368	3.602	12.98	4.5	28.9	V	9.6
P/Gale (34P)	1.207	0.7589	10.610	5.005	25.05	11.0	7.6	VI	10.8
Boattini (P/2009 Q4)	1.317	0.5801	10.981	3.137	9.84	15.5	13.3	VI	18.5
WISE (P/2010 B2)	1.612	0.4810	8.938	3.106	9.65	17.0	13.5	VI	20.6
P/Anderson-LINEAR (148P)	1.692	0.5395	3.682	3.675	13.50	16.0	13.8	VI	19.3
P/McNaught (220P)	1.554	0.5014	8.125	3.116	9.71	15.0	13.8	VI	17.6
P/Tichy (196P)	2.135	0.4346	19.376	3.776	14.26	13.5	14.8	VI	18.6
Gibbs (P/2012 F5)	2.880	0.0414	9.738	3.005	9.03	12.0	16.0	VI	18.0
Catalina (P/2009 WX51)	0.796	0.7410	9.599	3.076	9.46	19.0	25.3	VI	19.5
P/La Sagra (233P)	1.787	0.4108	11.278	3.032	9.19	15.0	25.4	VI	19.7
Catalina-McNaught (P/2008 S1)	1.197	0.6652	15.074	3.574	12.78	15.0	1.9	VII	15.0
PANSTARRS (C/2014 Q1)	0.310	1.0000	43.449	—	—	8.0	6.9	VII	3.4
P/LINEAR (221P)	1.759	0.4917	11.422	3.460	11.97	14.5	11.6	VII	16.5
P/Siding Spring (162P)	1.237	0.5952	27.787	3.056	9.34	12.0	12.0	VII	14.1
LINEAR (P/2004 FY140)	4.060	0.1708	2.137	4.896	23.97	12.5	23.2	VII	18.0
P/Bowell-Skiff (140P)	1.988	0.6916	3.821	6.445	41.54	11.5	8.7	VIII	18.3
McNaught (P/2004 R1)	0.978	0.6846	4.901	3.100	9.61	18.5	12.3	VIII	15.8
P/Harrington (51P)	1.699	0.5425	5.425	3.714	13.79	10.0	12.5	VIII	14.4
P/Churyumov-Gerasimenko (67P)	1.243	0.6410	7.040	3.463	11.99	11.0	13.1	VIII	13.2
WISE (P/2010 K2)	1.274	0.5702	11.949	2.965	8.79	19.0	13.4	VIII	20.6
Yang-Gao (P/2009 L2)	1.431	0.5941	16.703	3.526	12.43	15.0	14.9	VIII	17.5
Palomar (C/2012 LP26)	6.536	0.9986	25.378	4827	23 mln	6.5	17.0	VIII	18.4
P/Machholz (141P)	0.761	0.7482	12.812	3.021	9.13	12.0	24.9	VIII	8.3
PANSTARRS (C/2014 M1)	5.572	1.0000	160.178	—	—	9.0	27.7	VIII	19.8
Tenagra (C/2013 C2)	9.132	0.4307	21.343	16.040	257	4.0	27.9	VIII	18.2
SOHO (P/1999 R1)	0.054	0.9787	12.569	2.516	6.33	27.0	4.0	IX	7.9
SONEAR (C/2014 A4)	4.181	1.0003	121.353	—	—	6.0	5.9	IX	14.8
SOHO (P/2010 H3)	0.047	0.9848	23.921	3.090	9.55	20.0	25.8	IX	13.5
P/Shajn-Schaldach (61P)	2.114	0.4260	6.005	3.682	13.56	6.0	2.2	X	14.4
P/Tritton (157P)	1.409	0.5857	7.101	3.401	11.57	12.5	3.5	X	15.4
Catalina (C/2013 V4)	5.186	1.0028	67.845	—	—	6.0	7.4	X	16.4
P/Helin (151P)	2.473	0.5723	4.719	5.782	33.43	10.0	8.2	X	16.8
NEAT (P/2001 H5)	2.432	0.6009	8.379	6.094	37.13	12.0	22.1	X	18.4
Hill (P/2007 V2)	2.779	0.3176	2.471	4.073	16.59	13.0	23.1	X	18.7
McNaught-Hartley (P/1994 N2)	2.447	0.6743	17.873	7.514	56.46	8.5	24.5	X	15.4
P/Kopff (22P)	1.560	0.5476	4.737	3.448	11.89	3.0	25.1	X	9.6
LONEOS-Christensen (P/2005 RV25)	3.583	0.1684	9.898	4.308	18.56	9.5	27.8	X	17.1

Nazwa	q	e	i	a	P	H(0)	T ₀	m _{max}
Gibbs (P/2008 Y2)	1.630	0.5449	7.288	3.582	12.83	16.0	6.0 XI	19.4
P/LINEAR (214P)	1.851	0.4873	15.204	3.610	13.04	13.0	12.9 XI	17.6
P/Tempel (10P)	1.418	0.5371	12.029	3.064	9.39	5.0	14.3 XI	10.1
Catalina (C/2013 US10)	0.823	1.0004	148.870	—	—	9.5	15.7 XI	9.6
P/LINEAR (230P)	1.485	0.5633	14.654	3.400	11.56	13.0	18.0 XI	13.4
P/LINEAR (249P)	0.501	0.8189	8.395	2.770	7.67	15.5	26.7 XI	13.0
La Sagra (P/2010 R2)	2.619	0.1537	21.420	3.095	9.58	13.0	30.4 XI	18.4
LINEAR-Catalina (P/2003 WC7)	1.660	0.6799	21.463	5.185	26.88	13.5	4.8 XII	14.9
Van Ness (P/2002 Q1)	1.560	0.5624	36.214	3.565	12.71	13.0	10.9 XII	15.8
P/LINEAR-NEAT (204P)	1.930	0.4722	6.589	3.657	13.37	14.0	11.5 XII	16.9
P/NEAT (180P)	2.488	0.3550	16.883	3.857	14.87	11.0	13.6 XII	17.1
LONEOS-Tucker (P/1998 QP54)	1.886	0.5514	17.649	4.204	17.67	15.0	26.0 XII	17.1

[Elementy orbit wg. <http://cfa-www.harvard.edu/iau/Ephemerides/Comets/>, pobrane 12.09.2014]

Oznaczenia w tabeli:

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 2015 roku

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