

CNEOS Sentry Summary Table

<https://cneos.jpl.nasa.gov/sentry/>

Object Designation	Year Range	Potential Impacts	Impact Probability (cumulative)	V_{∞} (km/s)	H (mag)	Estimated Diameter (km)	Palermo Scale (cum.)	Palermo Scale (max.)	Torino Scale (max.)	
(2010 GZ60)	2017-2116	481	5.4e-6	3.01	16.1	2.000	-0.76	-1.75	0	bK10G60Z
(2007 KO4)	2022-2116	315	4.3e-6	13.71	23.3	0.075	-4.39	-5.18	0	bK07K04O
(2016 NL56)	2019-2117	284	2.4e-6	13.56	22.1	0.134	-3.30	-3.82	0	bK16N56L
(2014 MO68)	2017-2116	204	7.7e-7	8.10	23.6	0.066	-4.82	-4.95	0	bK14M68O
(2015 HV182)	2017-2101	194	2.0e-7	6.83	21.7	0.157	-4.48	-5.47	0	bK15HI2V
(2015 YV20)	2020-2116	175	5.2e-7	5.95	22.4	0.113	-4.92	-5.59	0	bK15Y20V
(2007 FT3)	2019-2116	165	1.5e-6	17.06	20.0	0.340	-2.82	-3.17	0	bK07F03T
(2010 MA113)	2038-2114	144	9.7e-7	4.97	22.3	0.120	-4.86	-5.28	0	bK10MB3A
(2010 JA43)	2018-2117	108	9.0e-8	15.25	21.6	0.161	-4.76	-5.29	0	bK10J43A
(2005 NX55)	2018-2107	107	4.6e-8	25.05	21.9	0.141	-4.68	-5.10	0	bK05N55X
(2015 ME131)	2017-2089	101	3.8e-8	19.79	19.2	0.500	-3.20	-3.41	0	bK15MD1E
(2017 DC120)	2021-2115	81	5.2e-8	10.55	22.3	0.120	-5.50	-5.87	0	bK17DC0C
101955 Bennu (1999 RQ36)	2175-2199	78	3.7e-4	5.99	20.2	0.490	-1.71	-2.32		a0101955
(2016 WN55)	2020-2114	77	1.2e-7	15.39	19.4	0.451	-3.67	-4.10	0	bK16W55N
(2010 KJ37)	2024-2115	57	2.4e-7	6.62	23.9	0.055	-5.74	-5.99	0	bK10K37J
(2010 XB73)	2017-2110	51	2.9e-7	5.99	22.5	0.110	-4.39	-4.47	0	bK10X73B
(2006 CD)	2021-2113	48	2.0e-8	11.26	21.0	0.215	-5.31	-6.15	0	bK06C00D
(2004 ME6)	2017-2105	46	1.0e-7	12.18	22.6	0.103	-5.18	-5.45	0	bK04M06E
(2010 AU118)	2020-2112	38	1.8e-8	25.22	16.2	1.900	-2.72	-3.14	0	bK10AB8U

Object Designation	Year Range	Potential Impacts	Impact Probability (cumulative)	V_{∞} (km/s)	H (mag)	Estimated Diameter (km)	Palermo Scale (cum.)	Palermo Scale (max.)	Torino Scale (max.)	
(2008 UV99)	2019-2110	32	1.5e-7	15.50	19.6	0.398	-3.36	-3.44	0	bK08U99V
(2015 BS516)	2022-2111	32	2.4e-8	13.01	19.9	0.350	-4.68	-5.05	0	bK15Bp6S
(2008 UB7)	2055-2100	29	3.8e-5	18.49	23.9	0.057	-3.67	-4.45	0	bK08U07B
(2002 RB182)	2053-2116	26	6.1e-6	13.26	22.8	0.092	-4.33	-5.03	0	bK02RI2B
(2010 MY112)	2018-2107	26	8.4e-9	21.89	21.0	0.231	-4.93	-5.14	0	bK10MB2Y
(2010 LJ68)	2020-2106	25	4.9e-8	9.67	22.9	0.089	-5.86	-6.26	0	bK10L68J
(2017 AB21)	2024-2110	25	5.6e-9	10.69	20.7	0.243	-5.80	-6.42	0	bK17A21B
(2016 WG)	2076-2115	25	4.6e-6	23.58	23.3	0.074	-4.36	-5.31	0	bK16W00G
(2010 WC9)	2027-2114	19	4.3e-6	12.67	23.4	0.070	-4.00	-4.02	0	bK10W09C
(2007 WP3)	2098-2114	17	7.7e-6	13.03	23.5	0.067	-4.62	-4.99	0	bK07W03P
(2008 EX5)	2061-2090	16	4.7e-5	9.92	23.8	0.059	-3.88	-4.16	0	bK08E05X
(2000 WJ107)	2114-2115	14	2.9e-6	12.78	23.1	0.081	-4.90	-5.59	0	bK00WA7J
99942 Apophis (2004 MN4)	2060-2105	12	8.9e-6	5.85	19.1	0.370	-2.83	-2.93	0	a0099942
(2017 GM7)	2035-2103	12	1.5e-7	19.47	18.6	0.660	-3.24	-3.36	0	bK17G07M
(2015 RN35)	2065-2116	11	1.4e-5	5.72	23.0	0.085	-4.17	-4.38	0	bK15R35N
(2017 FB1)	2101-2114	11	6.8e-6	22.06	23.4	0.072	-4.35	-4.54	0	bK17F01B
(2008 PK9)	2045-2065	9	5.2e-7	26.64	23.2	0.078	-4.82	-5.16	0	bK08P09K
(2002 MN)	2070-2109	8	2.8e-6	10.37	23.3	0.073	-4.91	-5.27	0	bK02M00N
(2014 NJ65)	2022-2114	8	2.0e-9	8.58	19.3	0.462	-5.39	-5.51	0	bK14N65J
(2005 WG57)	2029-2104	7	7.2e-7	9.88	23.6	0.063	-5.41	-5.59	0	bK05W57G
(2012 ES10)	2054-2064	7	1.0e-6	24.34	23.7	0.061	-4.94	-5.31	0	bK12E10S
410777 (2009 FD)	2185-2198	7	1.6e-3	15.87	22.1	0.160	-1.78	-1.83		a0410777

Object Designation	Year Range	Potential Impacts	Impact Probability (cumulative)	V_{∞} (km/s)	H (mag)	Estimated Diameter (km)	Palermo Scale (cum.)	Palermo Scale (max.)	Torino Scale (max.)	
(2005 ED224)	2018-2064	6	3.0e-6	25.14	24.0	0.054	-3.50	-3.72	0	bK05EM4D
(2007 VH189)	2017-2045	6	2.8e-8	18.47	23.4	0.073	-5.98	-6.32	0	bK07VI9H
(2011 KF36)	2022-2106	6	9.9e-10	22.33	20.4	0.280	-5.92	-6.35	0	bK11K36F
(2017 FO128)	2104-2109	6	1.7e-5	15.12	22.4	0.110	-3.69	-3.71	0	bK17FC8O
(2006 JE)	2094-2112	5	1.8e-6	26.35	23.8	0.058	-5.05	-5.12	0	bK06J00E
(2011 VG9)	2086-2112	5	7.7e-7	24.78	22.2	0.124	-4.61	-5.19	0	bK11V09G
(2017 FC3)	2044-2059	5	1.4e-7	14.06	23.6	0.066	-5.96	-6.14	0	bK17F03C
(2001 CA21)	2020-2073	4	1.2e-8	30.71	18.5	0.678	-3.43	-3.73	0	bK01C21A
(2010 CA55)	2021-2074	4	2.8e-8	24.03	22.0	0.140	-4.89	-4.97	0	bK10C55A
(2011 BT59)	2052-2096	4	1.4e-7	37.82	20.8	0.240	-4.10	-4.13	0	bK11B59T
(2012 QD8)	2042-2105	4	6.5e-6	20.76	23.1	0.081	-3.81	-3.95	0	bK12Q08D
(2014 MV67)	2018-2025	4	1.6e-9	12.76	19.0	0.537	-4.44	-4.68	0	bK14M67V
(2017 FO63)	2088-2104	4	1.5e-6	29.32	23.4	0.070	-4.80	-4.89	0	bK17F63O
(1996 TC1)	2064-2072	3	1.3e-6	24.01	23.9	0.055	-5.03	-5.05	0	BJ96T01C
(2005 CC37)	2095-2117	3	1.3e-6	8.42	22.7	0.098	-5.17	-5.23	0	bK05C37C
(2010 CR5)	2062-2075	3	7.5e-8	23.68	19.8	0.371	-4.24	-4.27	0	bK10C05R
(2007 PR25)	2094-2113	3	1.9e-8	29.29	21.9	0.140	-5.96	-6.09	0	bK07P25R
(1979 XB)	2056-2113	2	7.4e-7	23.92	18.5	0.662	-2.82	-3.12	0	BJ79X00B
(1999 RZ31)	2056-2056	2	1.6e-6	8.20	23.8	0.059	-5.23	-5.29	0	BJ99R31Z
(2004 GE2)	2106-2109	2	6.5e-8	20.57	21.4	0.180	-5.44	-5.53	0	bK04G02E
(2009 BR5)	2059-2078	2	1.7e-7	17.97	22.1	0.130	-5.28	-5.29	0	bK09B05R
(2013 JA17)	2027-2092	2	7.0e-10	9.64	19.1	0.510	-5.96	-6.01	0	bK13J17A

Object Designation	Year Range	Potential Impacts	Impact Probability (cumulative)	V_{∞} (km/s)	H (mag)	Estimated Diameter (km)	Palermo Scale (cum.)	Palermo Scale (max.)	Torino Scale (max.)	
(2013 WM)	2047-2105	2	6.2e-7	35.38	23.9	0.055	-5.15	-5.38	0	bK13W00M
(2017 FN128)	2059-2064	2	1.1e-7	34.47	19.0	0.550	-3.43	-3.52	0	bK17FC8N
(2013 NH6)	2060-2060	2	1.1e-7	21.74	23.4	0.073	-5.83	-6.09	0	bK13N06H
(2006 CM10)	2092-2092	1	1.8e-7	22.34	21.7	0.150	-5.05	-5.05	0	bK06C10M
(2006 QN111)	2079-2079	1	1.9e-6	10.55	23.8	0.060	-5.27	-5.27	0	bK06QB1N
(2008 FF5)	2060-2060	1	4.8e-7	39.47	23.1	0.081	-4.70	-4.70	0	bK08F05F
(2001 VB)	2023-2023	1	2.4e-9	35.02	18.3	0.730	-3.95	-3.95	0	bK01V00B
(2011 XC2)	2056-2056	1	6.7e-7	20.75	23.0	0.085	-4.86	-4.86	0	bK11X02C
(2015 DA54)	2107-2107	1	5.5e-8	23.13	20.8	0.230	-5.20	-5.20	0	bK15D54A
29075 (1950 DA)	2880-2880	1	1.2e-4	14.10	17.6	1.300	-1.42	-1.42		a0029075