

# NEO Earth Close Approaches

Object	Close-Approach (CA) Date	CA Distance Nominal (au)	CA Distance Minimum (au)	V relative(km/s)	V infinity(km/s)	H(mag)	Diameter	Rarity
(2008 OS7)	2024-Feb-02 14:41 ± < 00:01	0.01908	0.01908	18.17	18.16	20.5	210 m - 480 m	2
(2023 SP1)	2024-Feb-07 00:06 ± 00:01	0.03665	0.03665	11.80	11.79	20.7	190 m - 430 m	1
(2020 BP13)	2024-Apr-09 02:32 ± < 00:01	0.03886	0.03886	6.80	6.79	21.2	150 m - 340 m	1
517681 (2015 DE198)	2024-Apr-15 14:08 ± < 00:01	0.04699	0.04699	14.18	14.18	18.9	440 m - 980 m	1
439437 (2013 NK4)	2024-Apr-15 14:50 ± < 00:01	0.02177	0.02177	16.49	16.48	18.8	460 m - 1.0 km	2
(2022 TN1)	2024-Apr-30 23:57 ± 00:02	0.04766	0.04766	17.74	17.73	20.4	220 m - 490 m	1
415029 (2011 UL21)	2024-Jun-27 20:16 ± < 00:01	0.04439	0.04439	25.88	25.88	16.0	1.7 km - 3.8 km	3
(2011 AM24)	2024-Jul-26 15:56 ± < 00:01	0.04311	0.04311	6.20	6.19	20.5	0.511±0.004 km	1
523664 (2012 OD1)	2024-Jul-28 02:47 ± < 00:01	0.03822	0.03822	23.69	23.68	18.6	0.346±0.092 km	2
(2013 FW13)	2024-Sep-18 06:29 ± < 00:01	0.02172	0.02172	15.56	15.55	21.7	120 m - 270 m	1
363027 (1998 ST27)	2024-Oct-12 01:52 ± < 00:01	0.02380	0.02380	16.63	16.62	19.6	0.578±0.228 km	2
363305 (2002 NV16)	2024-Oct-24 15:48 ± < 00:01	0.03021	0.03021	4.87	4.85	21.4	140 m - 310 m	1
(2020 WG)	2024-Oct-28 01:57 ± 2_08:37	0.02161	0.01452	9.42	9.40	21.7	120 m - 270 m	1
(2023 WK3)	2024-Nov-18 14:02 ± 03:37	0.04100	0.03915	14.47	14.47	20.5	210 m - 460 m	1
447755 (2007 JX2)	2024-Dec-03 23:16 ± < 00:01	0.03698	0.03698	12.22	12.22	19.8	300 m - 660 m	1
(2020 XR)	2024-Dec-04 05:27 ± < 00:01	0.01477	0.01477	12.31	12.29	19.9	280 m - 620 m	2
(2020 BC6)	2025-Jan-05 21:44 ± < 00:01	0.02462	0.02462	22.18	22.18	20.8	190 m - 410 m	1

