

2015KA158 ▶ IMPACTOR TABLE

[Help]

Summary
Impactor table
Ephemerides
Obs prediction
Orbital info
MOID
Proper elements
Observational info
Close approaches
Physical info
Graphic Tool Orbit animation

Date	MJD	σ	σ_{imp}	dist ± width		stretch	p_RE	exp. en	PS	TS
yr-mo-day				(RE)		(RE/σ)		(MT)		
2024-05-10.664	60440.664	0.935	0.026	12.18	± 425.651	8.79e+5	1.23e-9	2.80e-10	-8.85	0
2033-05-09.783	63726.783	1.664	0.018	14.34	± 720.106	4.50e+6	5.20e-11	2.12e-11	-10.33	0
2036-05-07.233	64820.233	0.827	0.169	32.36	± 184.416	1.98e+6	3.80e-10	8.01e-11	-9.76	0
2036-05-11.471	64824.471	1.455	0.257	244.06	± 946.878	9.80e+5	1.36e-11	4.62e-12	-11.04	0
2041-05-04.743	66643.743	1.117	0.006	4.88	± 574.998	1.92e+6	3.74e-10	9.75e-11	-9.79	0
2051-04-15.600	70276.600	1.466	0.011	4.08	± 256.317	7.65e+6	1.44e-10	4.95e-11	-10.24	0
2055-05-10.072	71762.072	0.935	0.031	14.75	± 437.515	4.66e+7	2.25e-11	5.13e-12	-11.24	0
2055-05-10.177	71762.177	0.941	0.112	61.31	± 537.436	1.93e+6	2.95e-10	6.75e-11	-10.12	0
2071-05-21.796	77617.796	0.769	0.254	113.41	± 441.256	2.28e+6	6.70e-11	1.36e-11	-10.95	0
2072-03-11.146	77912.146	1.213	0.097	236.26	± 2419.088	8.82e+6	1.64e-11	4.61e-12	-11.46	0
2090-05-11.087	84547.087	1.435	0.036	40.23	± 1084.108	4.17e+6	5.10e-11	1.71e-11	-11.02	0
2090-05-19.307	84555.307	1.432	0.041	3101.44	± 27844.730	4.20e+4	1.03e-10	3.43e-11	-10.72	0
2091-05-04.433	84905.433	0.832	0.058	13.75	± 216.920	1.08e+7	2.05e-10	4.34e-11	-10.59	0
2098-05-02.516	87460.516	0.809	0.006	2.86	± 246.822	7.07e+7	3.39e-11	7.06e-12	-11.41	0
2103-05-12.349	89295.349	1.660	0.036	17.48	± 456.520	1.96e+6	1.88e-10	7.61e-11	-10.46	0

Based on 9 optical observations (of which 0 are rejected as outliers) from 2015-05-22.190 to 2015-05-24.115.

Coordinates are given on the Target Plane
Unit is one Earth radius, but impact cross section has radius between 1.22 and 1.23 Earth radii

Coordinates for LOV = CAR scaled= T second= F

OrbFit software version= 5.0, 31/10/2015 Date of computation=20160608 181715.067 CET