



2014HS197 ▶ IMPACTOR TABLE

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

Date	MJD	$\sigma$	$\sigma_{\text{imp}}$	dist ± width	stretch	p_RE	exp. en	PS	TS
yr-mo-day				(RE)	(RE/ $\sigma$ )		(MT)		
2055-04-21.330	71743.330	-0.956	0.000	1.04 ± 2.000	2.10e+5	1.03e-6	6.16e-9	-7.86	0
2068-04-19.894	76490.894	-3.124	1.302	3.50 ± 1.757	2.70e+5	1.64e-10	8.83e-13	-11.81	0
2073-04-20.535	78317.535	-3.854	0.968	3.33 ± 2.190	1.68e+5	5.18e-11	2.67e-13	-12.36	0
2075-04-19.644	79046.644	0.229	2.262	9.26 ± 3.368	6.46e+5	5.16e-10	3.42e-12	-11.29	0
2077-04-19.680	79777.680	-3.390	1.298	3.65 ± 1.872	4.33e+5	8.27e-11	4.38e-13	-12.18	0
2078-04-20.452	80143.452	-1.368	2.051	7.73 ± 3.181	4.33e+5	1.08e-9	6.46e-12	-11.03	0
2078-04-20.556	80143.556	-1.345	0.163	1.72 ± 3.166	9.21e+5	6.24e-8	3.75e-10	-9.27	0
2095-04-19.455	86351.455	-3.792	0.430	2.05 ± 1.921	1.97e+6	1.49e-11	7.71e-14	-13.04	0
2095-04-19.474	86351.474	-3.736	0.000	0.83 ± 1.815	1.44e+5	2.29e-9	1.12e-11	-10.88	0
2095-04-19.480	86351.480	-3.740	0.000	0.34 ± 1.179	1.33e+5	3.75e-9	1.83e-11	-10.66	0
2100-04-22.699	88180.699	2.336	1.763	6.82 ± 3.200	5.88e+5	9.01e-11	6.87e-13	-12.15	0

Based on 15 optical observations (of which 2 are rejected as outliers) from 2014-04-24.171 to 2014-04-25.233.

Coordinates are given on the Target Plane  
Unit is one Earth radius, but impact cross section has radius between 1.20 and 1.20 Earth radii

Coordinates for LOV = CAR scaled= T second= F

OrbFit software version= 5.0, 31/10/2015 Date of computation=20160604 025609.982 CET