

The following table provides an estimate of what the impact event size will be as a percentage of your field of view.
 This table assumes an event altitude of 10 kilometers or 0.001488 arc seconds.

Telescope Size (in.)	Lens/Optic Speed f/	Telescope focal length	Correction/Par acorr	Optical Focal length	Eyepiece focal length (mm)	Magnification (ref)	Eyepiece Apparent Field of View	Event size as a % of viewing field
6	8	1219.2	1.00	1219.20	12	101.6	82	0.18%
6	5.6	853.4	1.00	853.44	6	142.2	50	0.42%
8	8	1625.6	1.00	1625.60	12	135.5	82	0.25%
8	8	1625.6	1.00	1625.60	8	203.2	50	0.60%
8	8	1625.6	1.00	1625.60	6	270.9	50	0.81%
10	8	2032.0	1.00	2032.00	12	169.3	80	0.31%
10	5.6	1422.4	1.00	1422.40	7	203.2	50	0.60%
10	5.6	1422.4	1.00	1422.40	5	284.5	50	0.85%
10	4.3	1092.2	1.00	1092.20	5	218.4	50	0.65%
12	8	2438.4	1.00	2438.40	8	304.8	52	0.87%
12	5.6	1706.9	1.00	1706.88	6	284.5	52	0.81%
12	5.6	1706.9	1.15	1962.91	6	327.2	52	0.94%
14	5.6	1991.4	1.00	1991.36	6	331.9	50	0.99%
14	5.6	1991.4	1.15	2290.06	6	381.7	50	1.14%
16	8	3251.2	1.00	3251.20	8	406.4	52	1.16%
16	5.6	2275.8	1.00	2275.84	6	379.3	50	1.13%
16	4.3	1747.5	1.00	1747.52	5	349.5	50	1.04%
16	4.3	1747.5	1.15	2009.65	5	401.9	50	1.20%
16	4.3	1747.5	1.15	2009.65	3	669.9	50	1.99%
18	5.6	2560.3	1.00	2560.32	6	426.7	50	1.27%
18	4.3	1966.0	1.25	2457.45	4	614.4	52	1.76%
20	5.6	2844.8	1.00	2844.80	6	474.1	50	1.41%
20	4.3	2184.4	1.15	2512.06	3	837.4	50	2.49%
22	4.3	2402.8	1.00	2402.84	4	600.7	50	1.79%
30	5.6	4267.2	1.25	5334.00	4	1333.5	50	3.97%
36	5.6	5120.6	1.25	6400.80	3	2133.6	50	6.35%
enter your values here		#VALUE!		#VALUE!		#VALUE!		#VALUE!