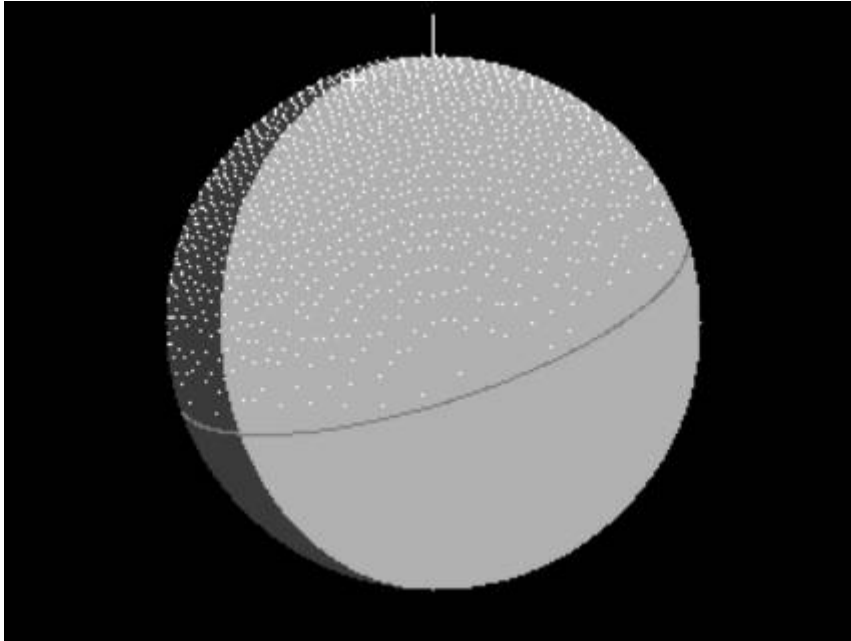
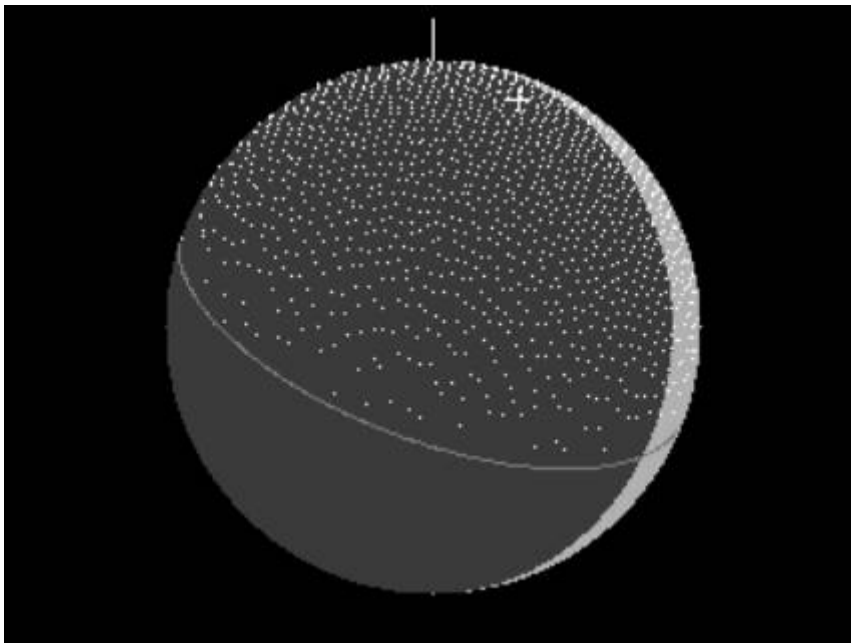


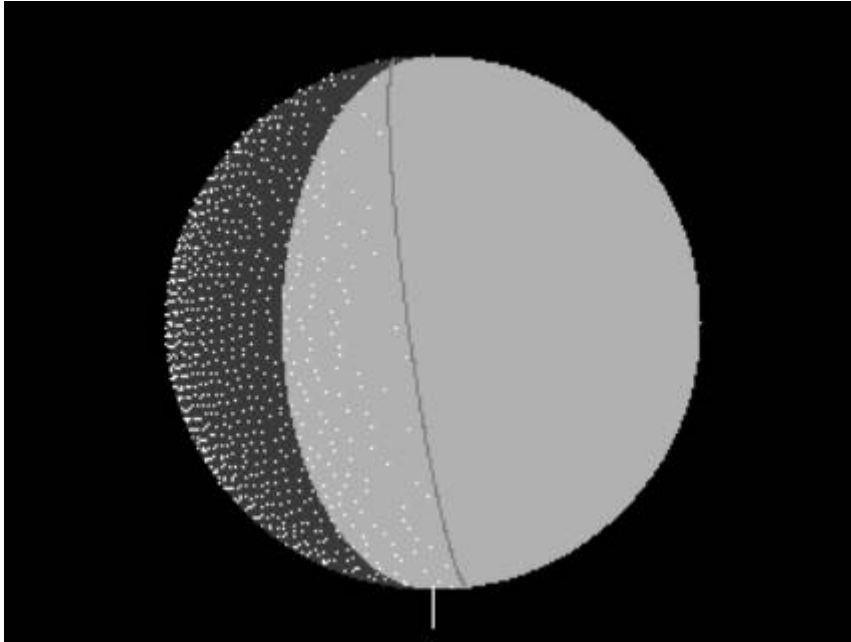
Lunar Impact Plots 2004



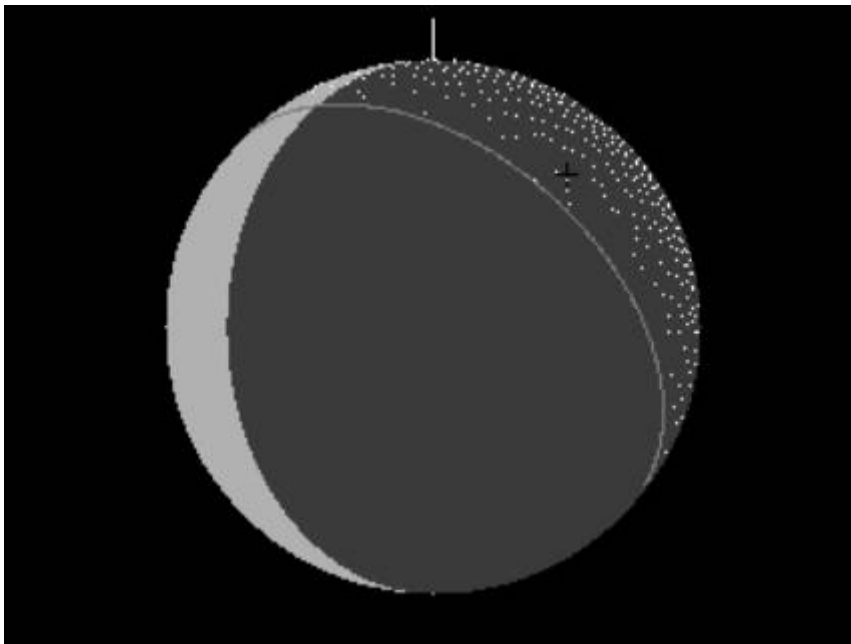
QUA (Quadrantids) Jan 4, 2004, 06:01 UT+0.8 hrs, Moon sets 9.5 hrs after sunset
ZHR = 120, 16% impacts on unlit near side w/polar graze = 63 deg.



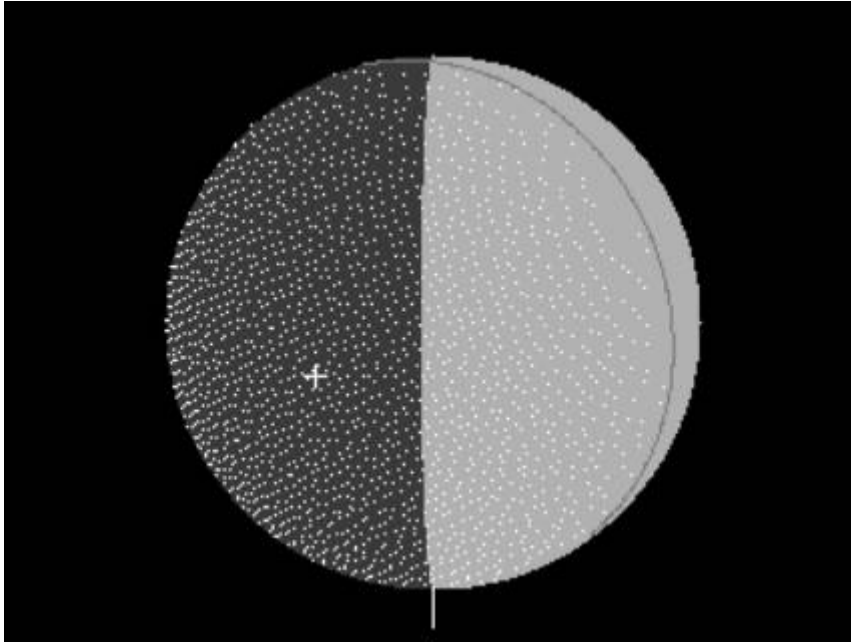
LYR (Lyrids) Apr 21, 2004, 22:36 UT+0.9 hrs, Moon sets 1.8 hrs after sunset
ZHR = 15, 59% impacts on unlit near side w/polar graze = 55 deg.



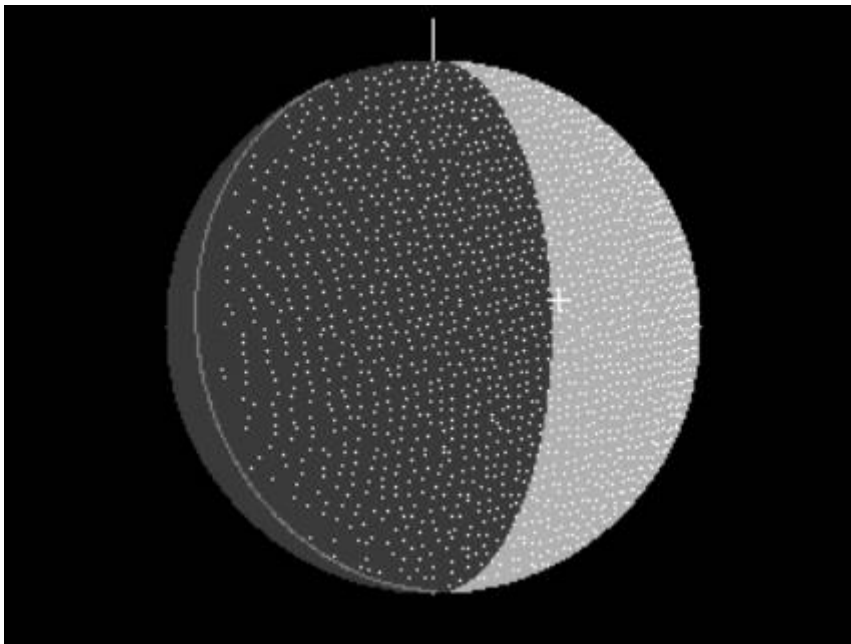
SDA (Southern Delta Aquarids) Jul 27, 2004, 18:35 UT-0.2 hrs, Moon sets 8.3 hrs after sunset. ZHR = 20, 38% impacts on unlit near side w/polar graze = -8 deg.



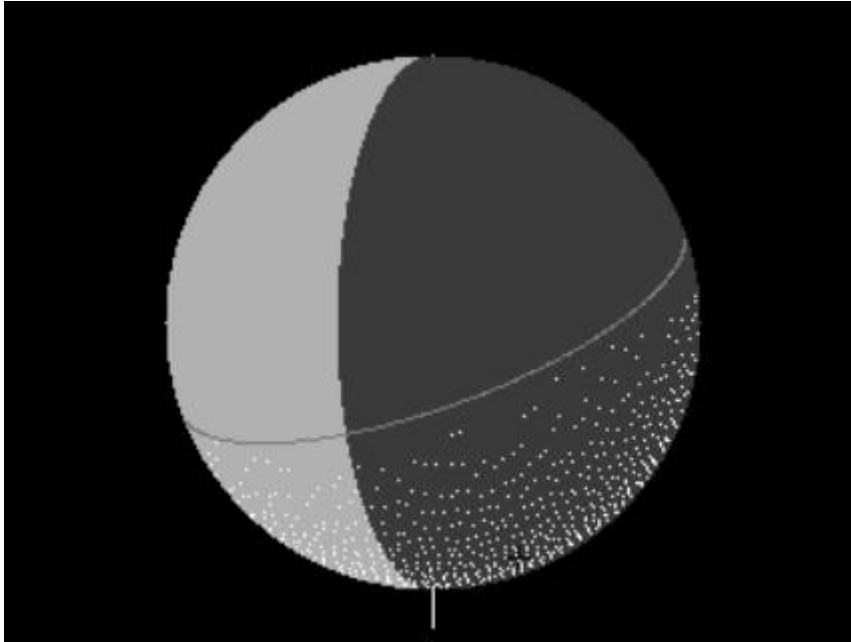
PER (Perseids) Aug 12, 2004, 13:00 UT-1.2 hrs, Moon rises 2.6 hrs before sunrise. ZHR = 100, 16% impacts on unlit near side w/polar graze = 38 deg.



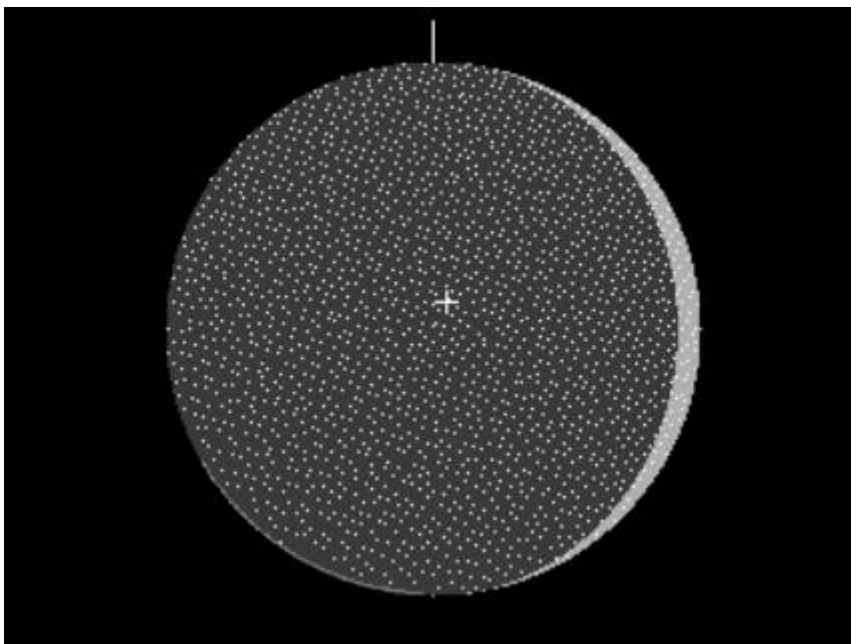
ORI (Orionids) Oct 21, 2004, 02:46 UT+1.4 hrs, Moon sets 6.2 hrs after sunset
ZHR = 20, 63% impacts on unlit near side w/polar graze = -5 deg.



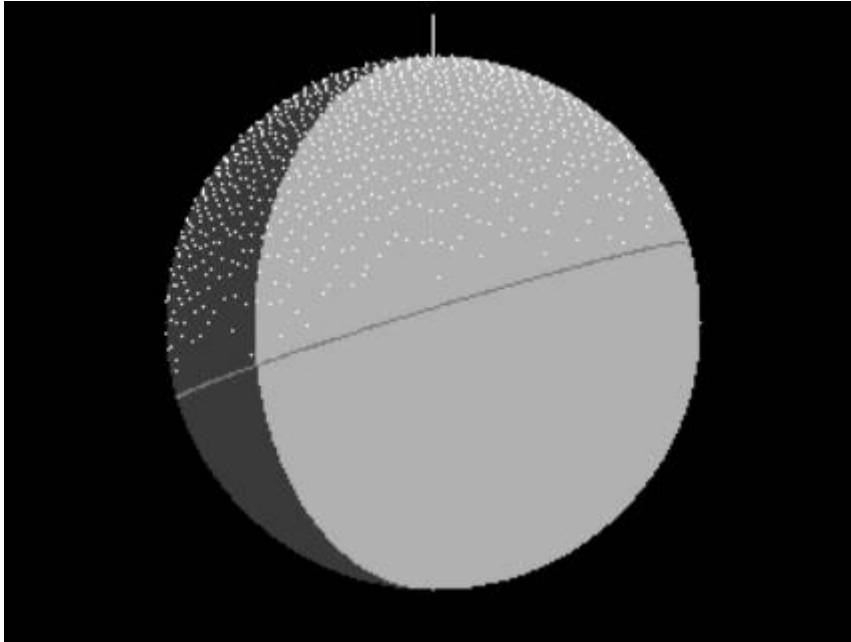
LEO (Leonids) Nov 17, 2004, 05:28 UT+1.3 hrs, Moon sets 4.2 hrs after sunset
ZHR = 100, 48% impacts on unlit near side w/polar graze = 11 deg.



PUP (Puppids) Dec 6, 2004, 19:56 UT-0.9 hrs, Moon rises 4.6 hrs before sunrise
ZHR = 10, 25% impacts on unlit near side w/polar graze = -60 deg.



GEM (Geminids) Dec 13, 2004, 17:15 UT+3.0 hrs, Moon sets 1.6 hrs after sunset
ZHR = 120, 93% impacts on unlit near side w/polar graze = 12 deg.



URS (Ursids) Dec 22, 2004, 06:23 UT-0.2 hrs, Moon sets 8.8 hrs after sunset
ZHR = 10, 18% impacts on unlit near side w/polar graze = 72 deg.