Lunar Crater Formation

Procedure
1. Get a basin with 1.5 liters of flour. This is your small area of lunar regolith.
2. Smooth the surface with a ruler or a small piece of cardboard, but do not pat down the flour.
3. Sprinkle a thin layer of cocoa on the surface of the flour.
4. Put the basin on the floor on a sheet of newspaper. A place next to a wall is best.
5. Drop meteorites onto the lunar surface, and observe.
6. After several drops, smooth the surface, and sprinkle on a little more cocoa.

What crater features can you measure to compare craters?

NOTE: Do not throw the marbles into the flour—just drop them.