# A Quick Visualization for the Metamorphosis of Mars and Why it is Covered in Iron Oxide

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*Abstract: It is hypothesized a reason why Mars is covered with iron oxide on the surface and is also included artists conceptions of the surface conditions as it loses its water oceans from its shrinking magnetic field protection cause by the neutralization of the silicate interior.*

It is empirically understood that Mars is red and contains a coat of iron oxide on its surface. It is also known that the majority of the atmosphere of Mars (95%) is carbon dioxide, which is one part carbon and two parts oxygen. It is also empirically known that iron exposed to oxygen will rust as this process is known as oxidation. Oxidation is sped up greatly when a meteorite enters the atmosphere of Mars, as the large majority of the iron meteorites glow brightly from the intense heat of friction entering its atmosphere. This intense heat ionizes the carbon dioxide and the iron meteorite which then neutralize again creating iron oxide. This iron oxide then gets sprinkled over the surface as a fine powder which completely covers this ancient mostly geologically inactive star making it red. A picture of a meteorite oxidizing is provided below and a series of pictures of Mars covered in this iron oxide meteorite dust at its ending stages of life habitability is provided on the next few pages.