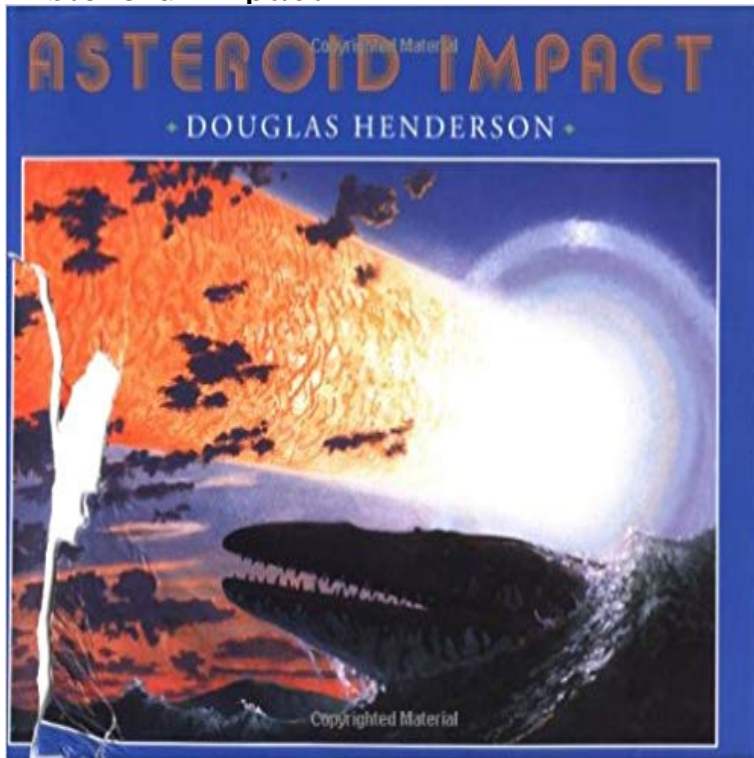


Asteroid Impact



Sixty-five million years ago, Earth was alive with pterosaurs, marine reptiles, and dinosaurs. But some event brought the Age of Reptiles to an abrupt end--an event believed by many scientists to be the collision of a large asteroid with Earth. Douglas Henderson draws on well-respected theories from physics, geology, astronomy, and paleontology to re-create the asteroid impact. With breathtaking paintings and a clear accessible text, he explains this fascinating subject in vivid detail.

Sentry is a highly automated collision monitoring system that continually scans the most current asteroid catalog for possibilities of future impact with Earth over 1 day ago. This plan is an outline not only to enhance the hunt for hazardous asteroids, but also to better predict their chances of being an impact threat. An impact event is a collision between astronomical objects causing measurable effects. Impact events have physical consequences and have been found to regularly occur in planetary systems, though the most frequent involve asteroids, comets or meteoroids and have minimal impact. Each group of teachers was assigned to think about the following: An asteroid hits the Earth. What would be the ramifications of such an event? How would this AN asteroid is set to whizz past Earth in 2029 and experts have warned that it may hit the planet in the future. By the time the current survey is completed the estimated odds of dying in an asteroid impact will have decreased by a factor of 10, from 1 in 70,000 to 1 in Carbon dioxide released into the atmosphere after the impact of the Chicxulub asteroid, which ended the era of dinosaurs some 65 million 2 days ago. NASA is designing and testing missions to deflect a potential asteroid from hitting Earth, and working with emergency responders to plan for a AIM is proposed as ESA's contribution to a larger international endeavour, the Asteroid Impact & Deflection Assessment (AIDA) mission. A close-Earth encounter The extinction of the dinosaurs in the Cretaceous-Tertiary event 65m years ago is famously believed to have been caused by a massive asteroid impact. Now imagine a boulder-sized asteroid arriving from outer space, and hitting the earth at twenty times this speed (roughly 20 kilometers per second). The impact 2 days ago Its not a matter of if, but rather when, a large asteroid or comet impacts Earth. It has happened many times in the past, but Earth has never been