



Asteroid Impacts

An Amazing
Fact a Day

About 35 million years ago an asteroid measuring approximately 8km across slammed into Siberia in Russia at 15-20km a second and created a field of diamonds bigger than all of the other diamond fields on Earth combined.

You could try to find out:

- Why the diamonds haven't been mined.
- What an industrial diamond is.
- The other effects caused by the asteroid.

The Earth has a long history of asteroid impacts. The Earth's craters are enduring testaments to direct asteroid hits. Here is a list of the top ten asteroid impacts on Earth. Can you mark them on the world map?

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| 1. Vredefort Crater
Asteroid impact date: Estimated 2 billion years ago
Location: Free State, South Africa | 7. Kara Crater
Asteroid impact date: Estimated 70.3 million years ago
Location: Nenetsia, Russia |
| 2. Sudbury Basin
Asteroid impact date: Estimated 1.8 billion years ago
Location: Ontario, Canada | 8. Chicxulub Crater
Asteroid impact date: Estimated 65 million years ago
Location: Yucatán, Mexico |
| 3. Acraman Crater
Asteroid impact date: Estimated 580 million years ago
Location: South Australia, Australia | 9. Popigai Crater
Asteroid impact date: Estimated 35.7 million years ago
Location: Siberia, Russia |
| 4. Woodleigh Crater
Asteroid impact date: Estimated 364 million years ago
Location: Western Australia, Australia | 10. Chesapeake Bay Crater
Asteroid impact date: Estimated 35 million years ago
Location: Virginia, United States |
| 5. Manicouagan Crater
Asteroid impact date: Estimated 215 million years ago
Location: Quebec, Canada | |
| 6. Morokweng Crater
Asteroid impact date: Estimated 145 million years ago
Location: North West, South Africa | |

