



## Arizona Rocks 74

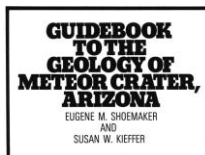
Text and photos by Ray Grant

The 50-year anniversary of the Apollo Moon landing on July 20, 1969 has put Meteor Crater in the news. The Apollo astronauts came to Arizona for training and one of the reasons was that the moon has many meteor craters and Meteor or Barringer Crater in northern Arizona is one of the best examples in the world.

The Earthquake newsletter for October 2013 has an article on Meteor Crater and you can go to [earthsciencemuseum.org](http://earthsciencemuseum.org), click on newsletters and the October 2013 issue to learn more about the geology of Meteor Crater.

Another great resource on the geology of meteor crater is the *Guidebook to the Geology of Meteor Crater, Arizona* by Shoemaker and Kieffer.

[https://www.lpi.usra.edu/publications/books/barringer\\_crater\\_guidebook/shoemaker-kieffer/Shoemaker\\_Kieffer\\_Guidebook.pdf](https://www.lpi.usra.edu/publications/books/barringer_crater_guidebook/shoemaker-kieffer/Shoemaker_Kieffer_Guidebook.pdf)

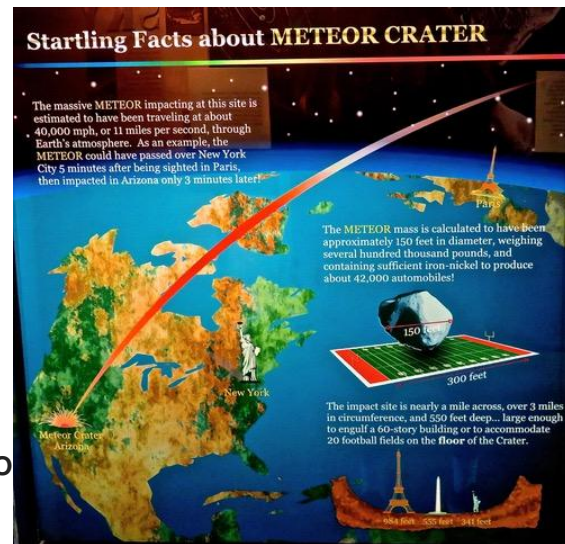


Meteor Crater is about 45 miles from Flagstaff and I think a really great place to visit. You get to see the crater, and the Visitors Center on the rim is excellent. There are tours along the crater rim, there are many educational and interactive exhibits, there is a theater with a good film, there are exhibits about the Apollo program and astronaut training, and there is a large gift and rock shop. You will need a few hours to do it all. Go to [meteorcrater.com](http://meteorcrater.com) for hours, admission fees, and other information. Here are a few photographs from the Visitors Center.



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Part of a meteorite identification exhibit, here you can test the magnetism of the meteorites