Introduction to the Maar Volcano picture show

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The Maar Volcano picture show, presented on a large flat screen TV in the Maarmuseum Manderscheid, is an attraction for the visitors. With the outstanding photos of the beautiful Maar Volcanoes, we give the visitors the possibility to take a visual journey to the Maar Volcanoes around the world.
Development of a Maar Volcano in three steps!
Maar development: Step 1

Ground water

Basement rock formation

Magma is raising up!
Maar development: Step 2

- Ground water
- Basement rock formation
- Steam explosions
Maar development: Step 3

- Maar-Wall
- Maar-Crater
- Ground water
- Maar-Lake
- Basement rock formation
Definition Maar:

„This type of volcano is formed, when magma on the way to the surface comes in contact with ground water. This causes a violent steam explosion! This explosion blasts out the rocks of the underground and leaves behind a funnel-shaped crater. The rocks that fell down to the surface around the crater formed a wall. This wall is an embankment of ashes and tuff. This steam eruption produces a negative form of volcano in the terrain which is so called a maar. Later on rain and ground water collects in the crater and a maar lake is born.“
Meerfeld-Maar (Germany)
Pulvermaar (Germany)
Schalkenmehren - Maars (Germany)
Strohn - Maar (Germany)
Sprink - Maar (Germany)
Eckfeld - Maar (Germany)
Lac Pavin - Maar (France)
Lake Tritrivakely - Maar (Africa)
Ukinrek - Maars (USA)
Huguangyan - Maars (China)
Hanon - Maar (Korea)