

Moon 101 presentation

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Introduction

There are several events that created the moon's features.

After initial formation, resulting in a uneven two faced moon (one side gravitated towards earth at all times) Afterwards, there was creation of the maria caused by a great cataclysm. After the hardening of the maria, many new features emerged. After most features were formed, asteroids continued to hit the moon during the heavy bombardment. More recent asteroids have also hit the moon. In these three photos, we will look at and explain features directly caused by such formative events.

Notable areas of the moon

Maria- formed by the hardening of a sea of basaltic lava flows during the great cataclysm.

Highlands- Lunar highlands are the result of rocks floating to the surface of the maria, and then hardening. They appear more rough than the maria on the near side of the moon

Far side- The moon's far side is gravitated away from the earth, as a result of the moon's uneven shape. It is rough and mountainous, much more rough and uneven than the near side, since it was hit by many asteroids long ago.

Images

John D. Fix, *Astronomy: Journey to the Cosmic Frontier*, 2nd ed. © 1999 The McGraw-Hill Companies, Inc. All rights reserved.

The near side and far side of the Moon.



A



B

MOON L OL



Photo 1

-Looks like a skin condition

-Maria and catena are present in things
photo from about 150 meters away. There
is also a lot of montes shown here.there is
also present montes.

- The Maria was formed during the
beginning of the moon when there was a
sea of magma.

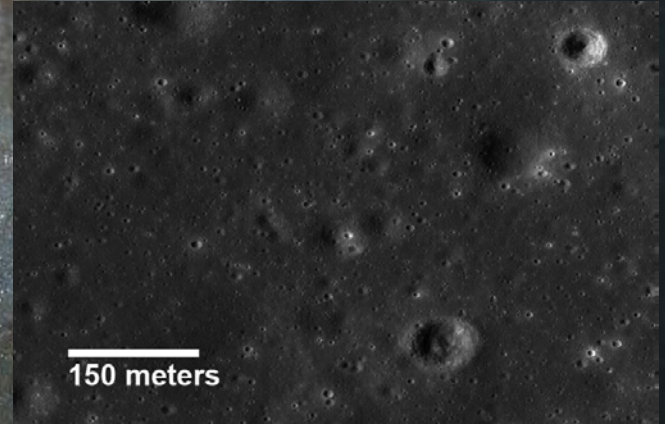
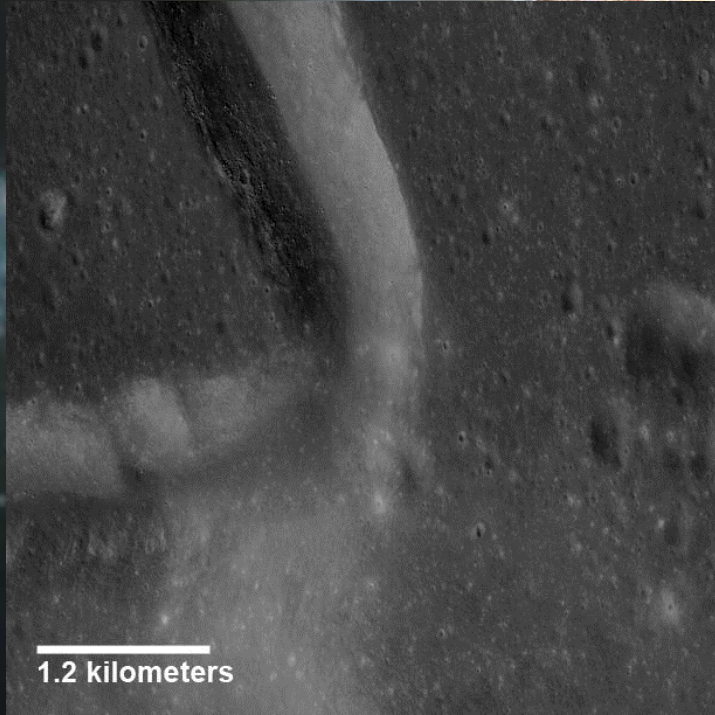


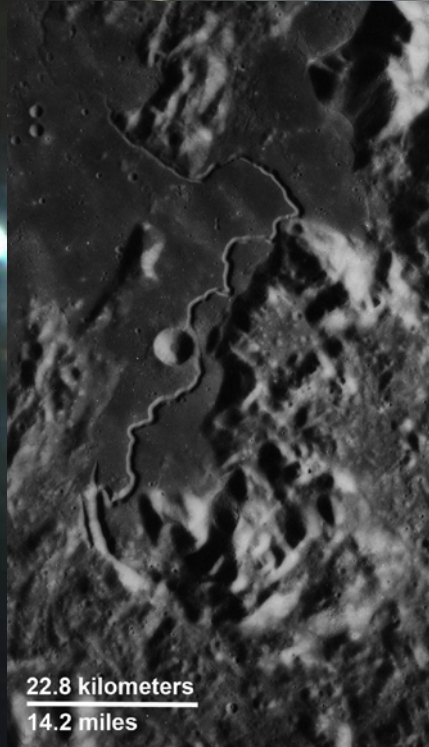
Photo 2



- .Dorsum can be seen on the left
- .Appear to be several craters
- .Photo is of the maria
- .Medium scale, 1.2 km



Photo Three



Craters present they appear to be pretty young.

Montes are also present along with Maria and a rille.



