

The *Weekly Dome Report*

Week of March 2nd, 2020 Volume 22 Space News and Stuff

Upcoming Events:

Monday, Mar. 2nd

6pm: Mythology Monday - The Moon (FREE)

Wednesday, Mar. 4

7pm: Mercury 13 and Women in Spaceflight: Presentation by Christine Nobbe

Friday, Mar. 6th

7pm: Final Frontier Friday - Size of the Solar System (\$1)

Saturday, Mar. 7th

Spring Break - No shows!

STRANGE MAGNETIC FIELD ON MARS

NEW INFORMATION TO BENEFIT FUTURE MISSIONS

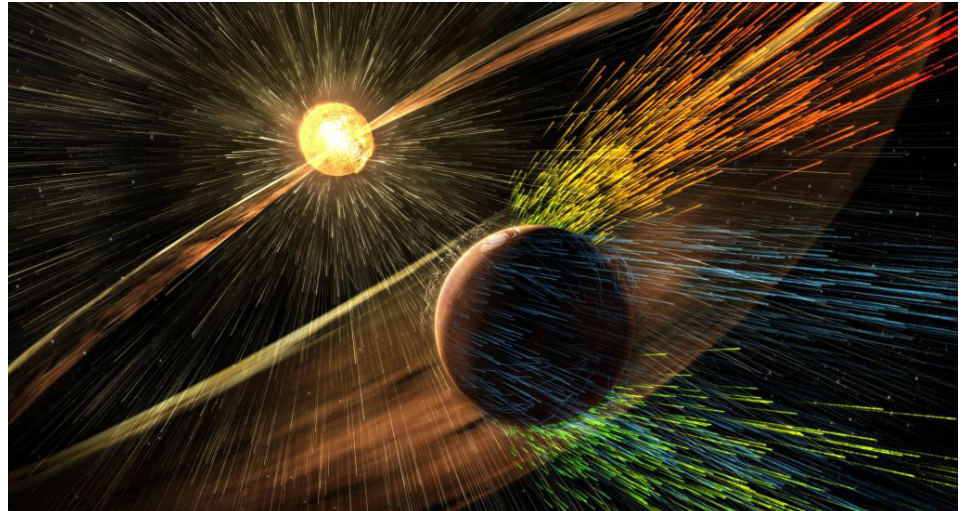


Image credit: NASA/GSFC

NASA's InSight lander has been on the surface of Mars for around a year with the purpose of monitoring seismic activity on Mars. It did discover seismic activity, which itself is exciting news, but it was also the first landing mission on Mars to carry a magnetic sensor. It discovered a magnetic field about 10x stronger than the expected magnetic field. Billions of years ago Mars lost its magnetic fields which led to it slowly losing its atmosphere. Residual magnetic fields left on Mars are theorized to come from old rocks buried underneath the surface.

With no global field solar wind, which is a concentration of charged particles from the sun that carry an interplanetary magnetic field (IMF), affects the local magnetic fields on the surface of Mars.

This information will help plan future missions to Mars and will help determine the best landing sights for future manned missions, as solar winds could cause complications to any equipment involved without Earth's magnetic field to protect it.

Read more at Space.com

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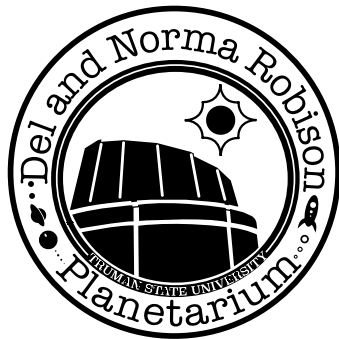
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See you in the Dome!



FREE HUMOR

