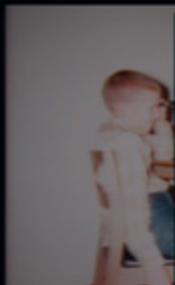
A wide-angle photograph of the Martian surface, showing rolling sand dunes and a vast, flat expanse of reddish-brown soil. The sky is a uniform, hazy orange color, suggesting a thick atmosphere of dust. The overall scene is desolate and emphasizes the harsh, dry environment of Mars.

Why Can't Humans Survive on Mars?

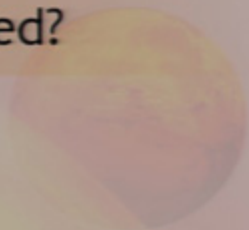








What Do Humans Need?





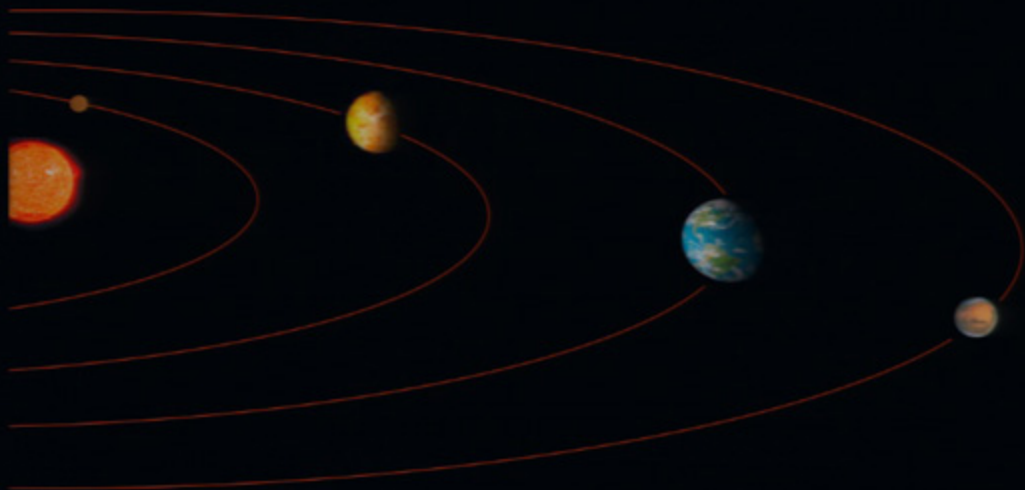
What Do Humans Need?

- Air
- Food

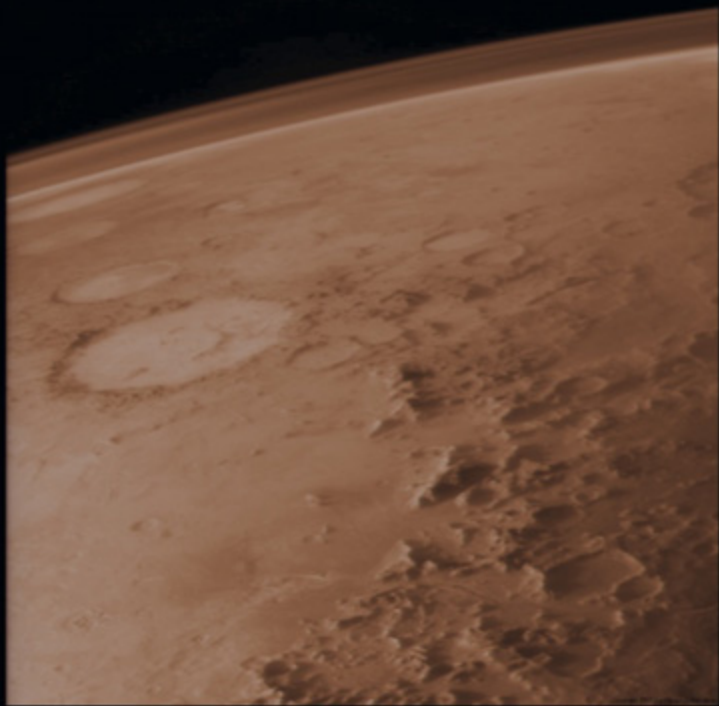


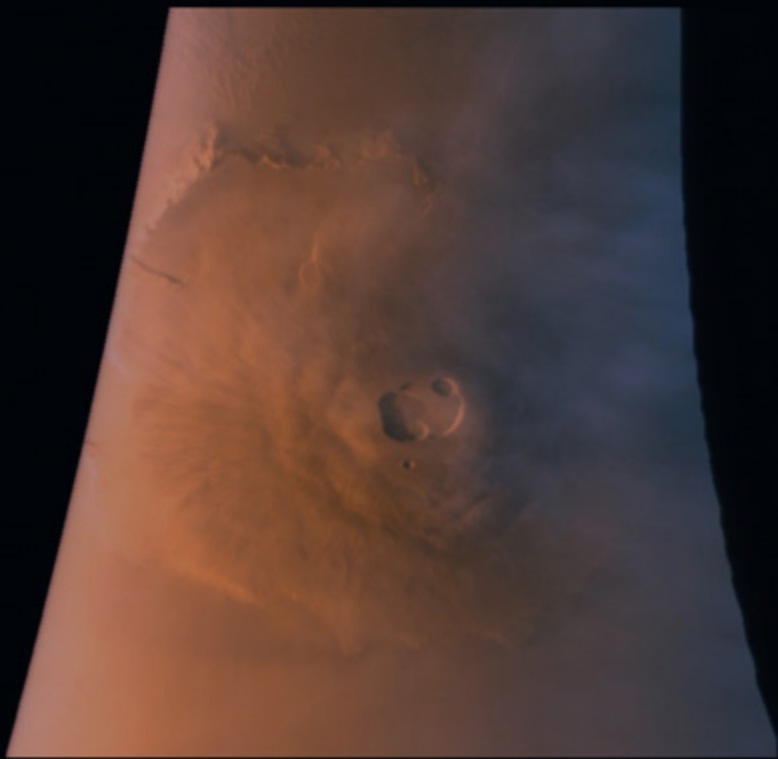
What Do Humans Need?

- Air
- Food
- Water
- Shelter
- Energy

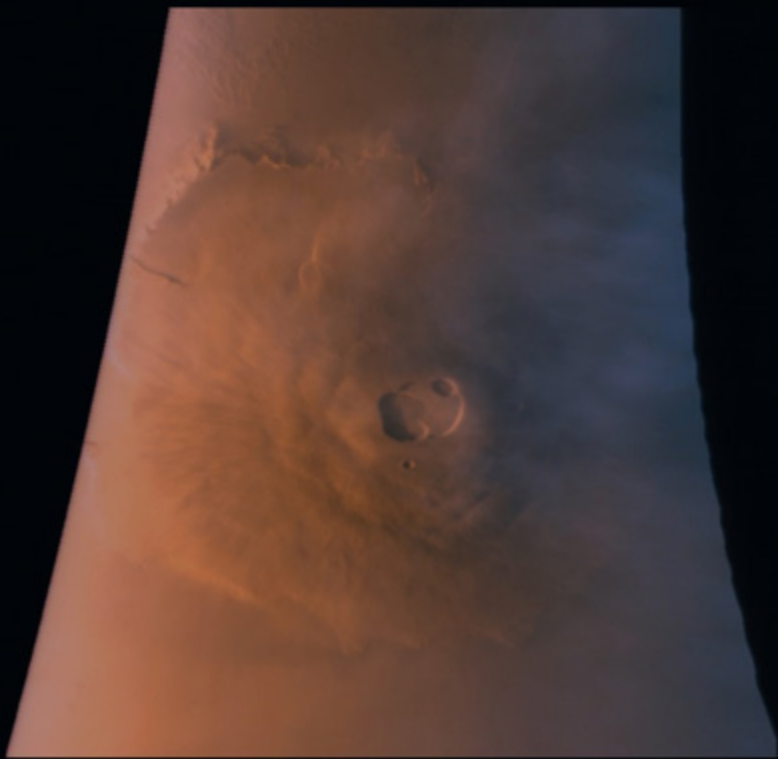




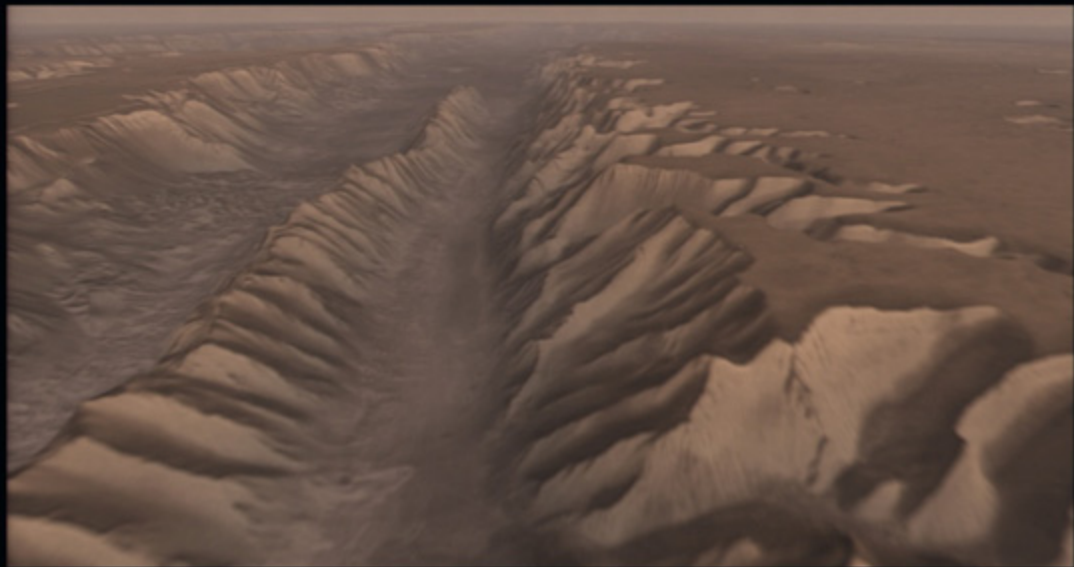








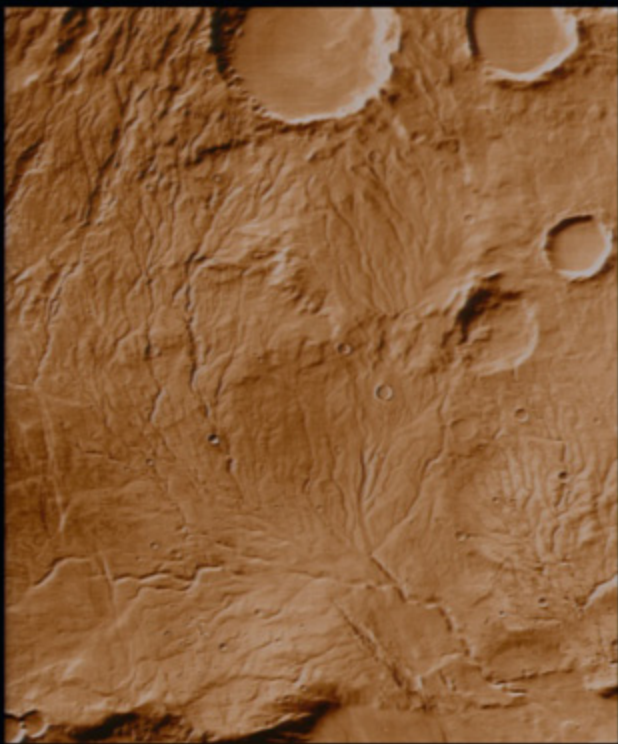




Ice Caps



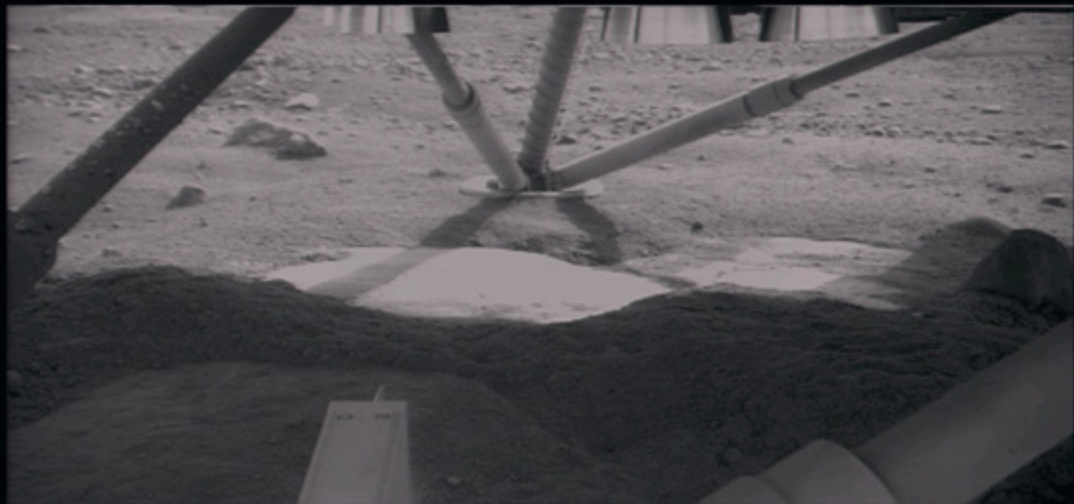
River
Channels



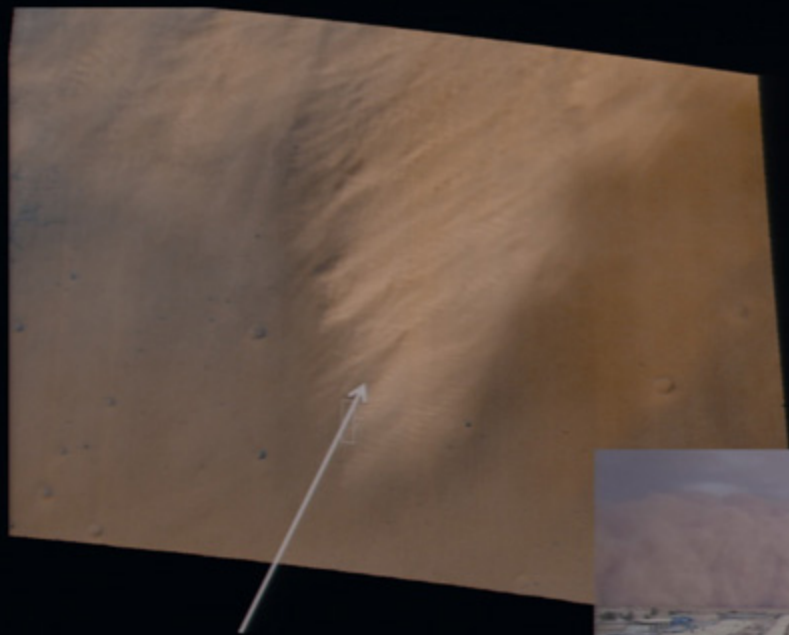




Underground Ice



Underground Ice



Dust Storms

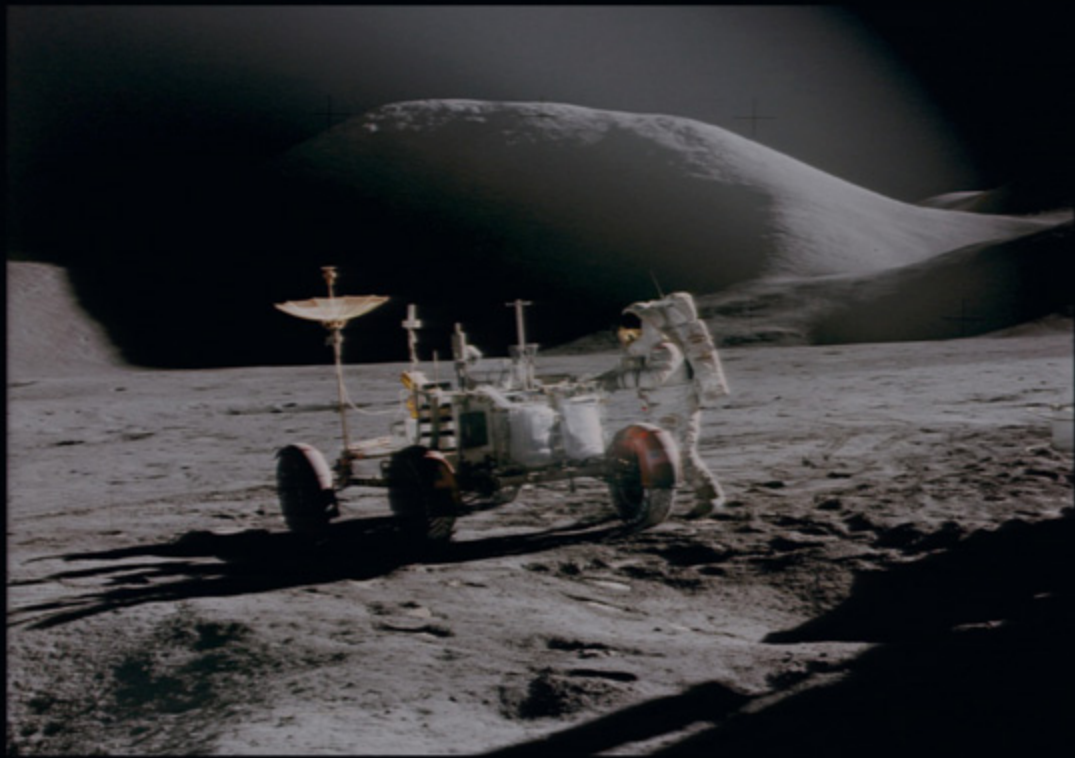












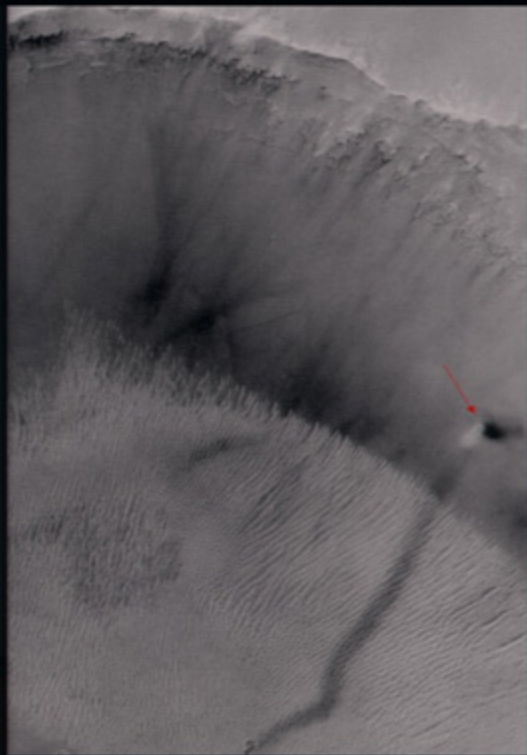


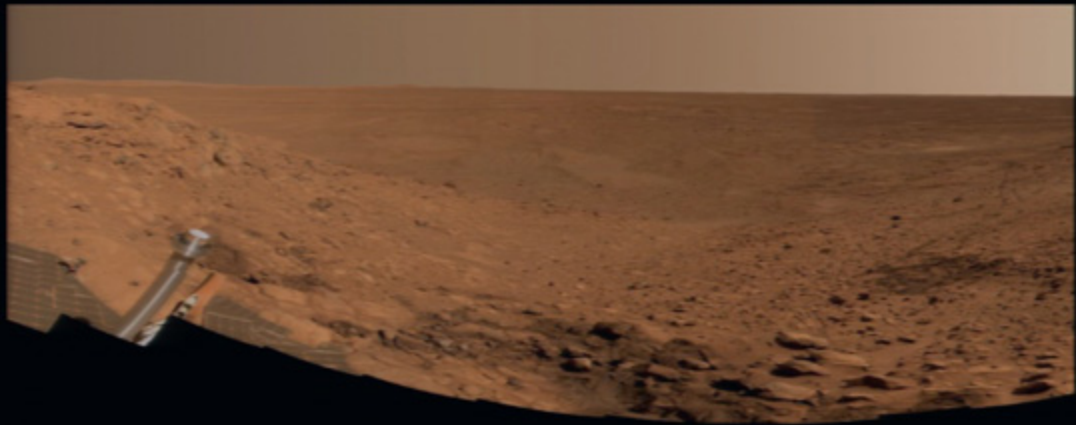














0113



0569



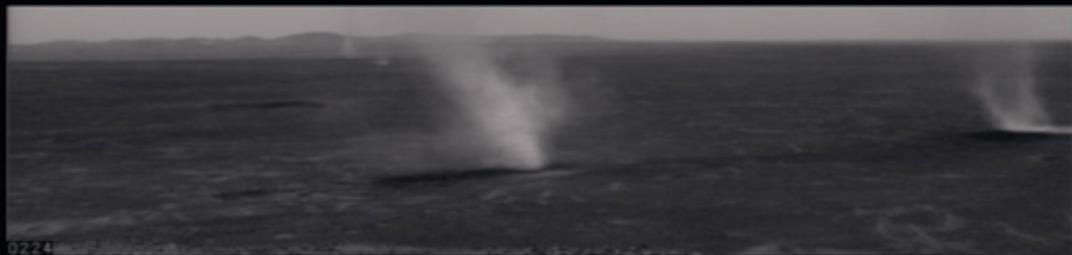
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0444



0527

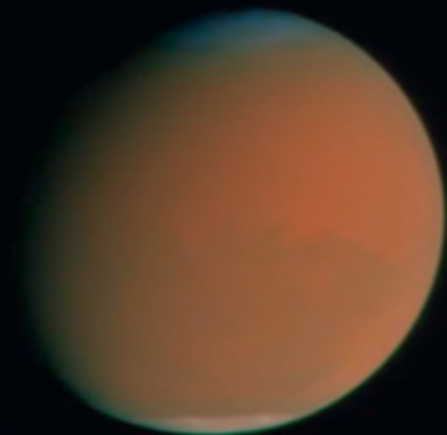


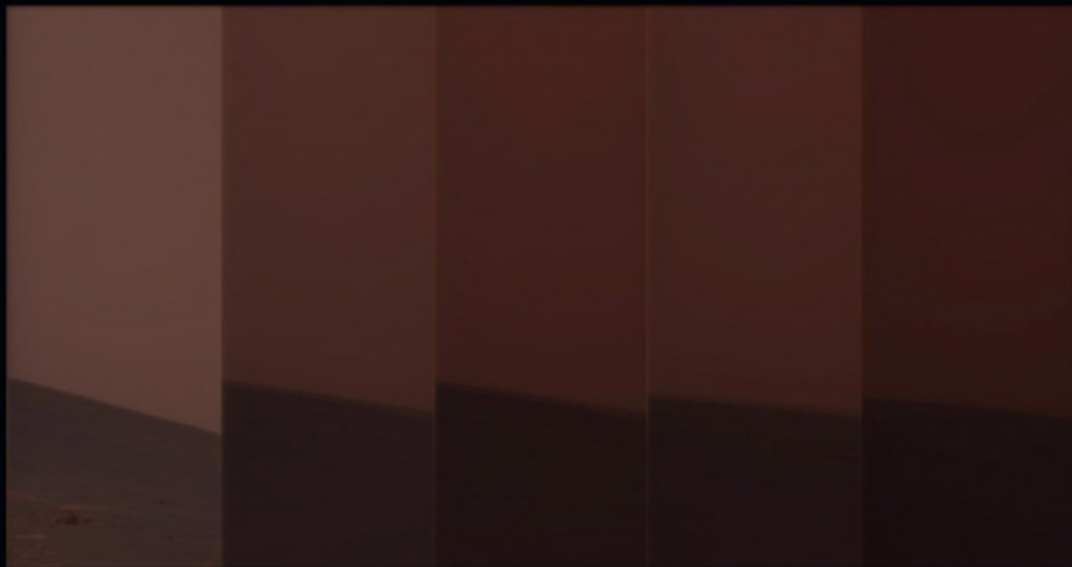
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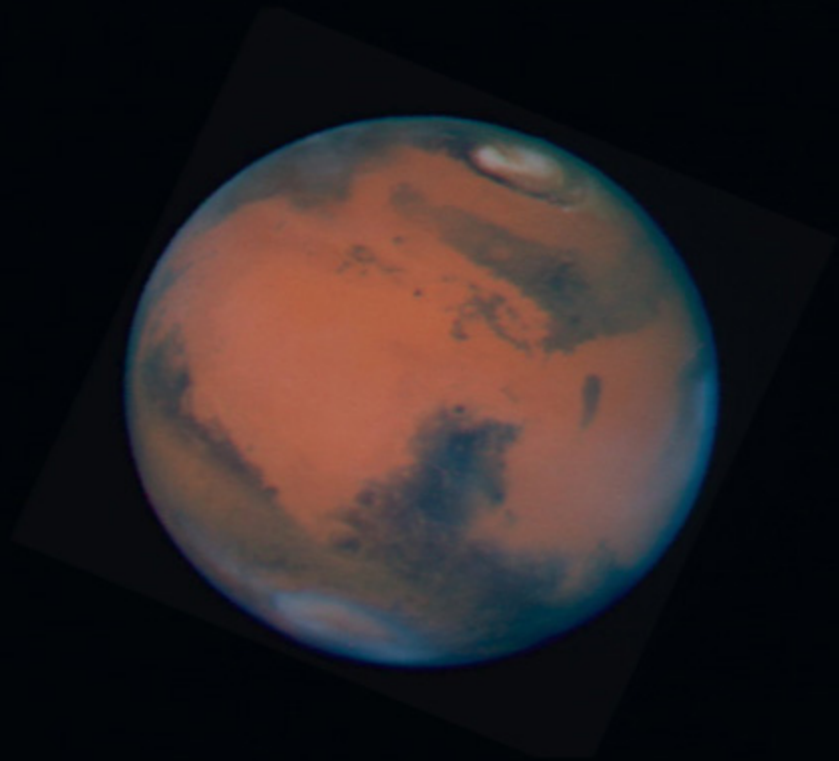


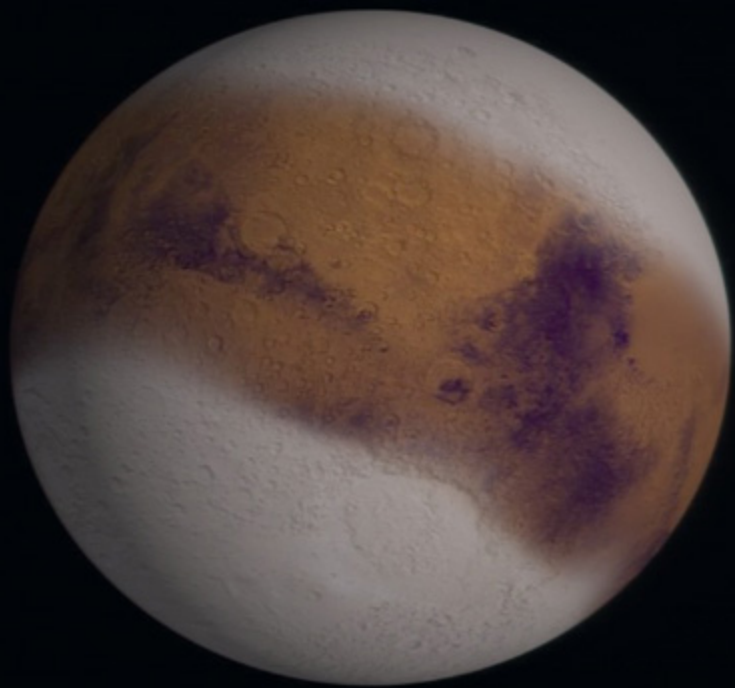


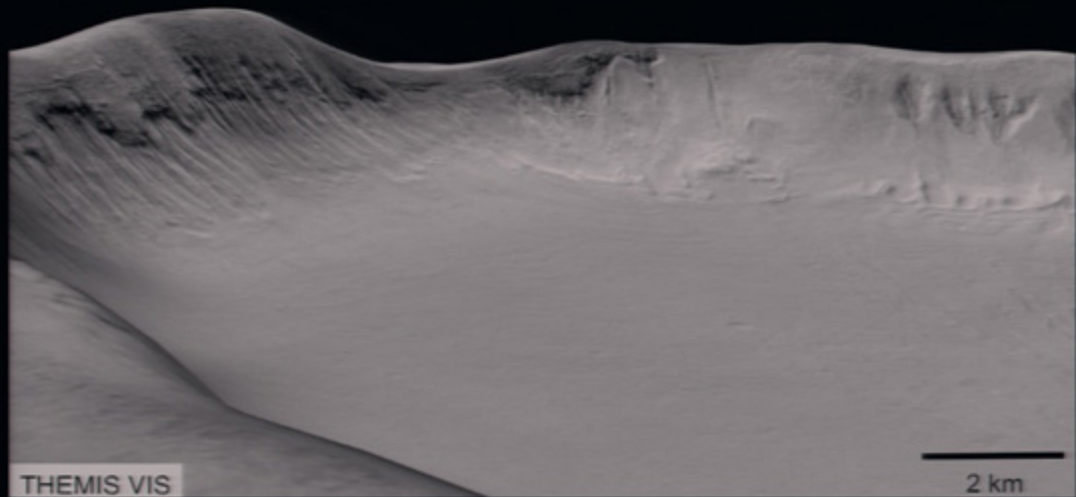


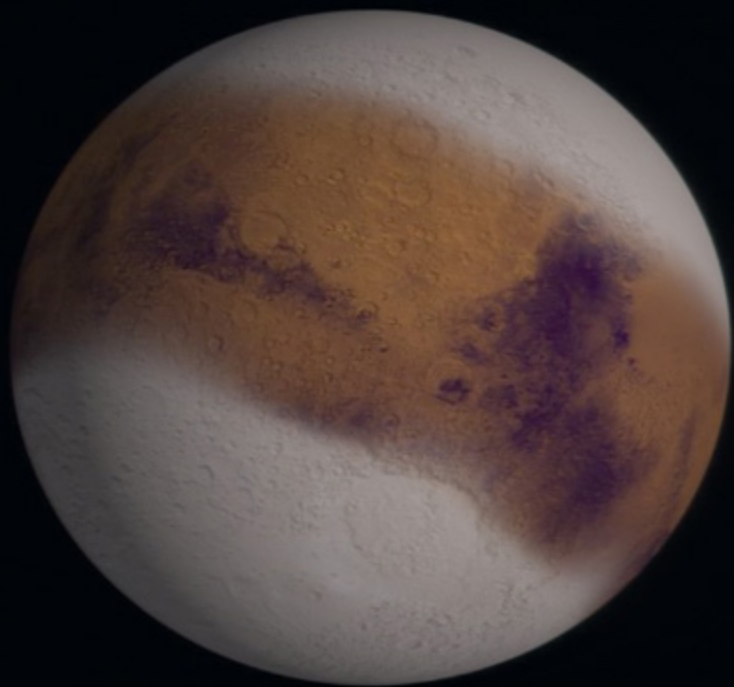


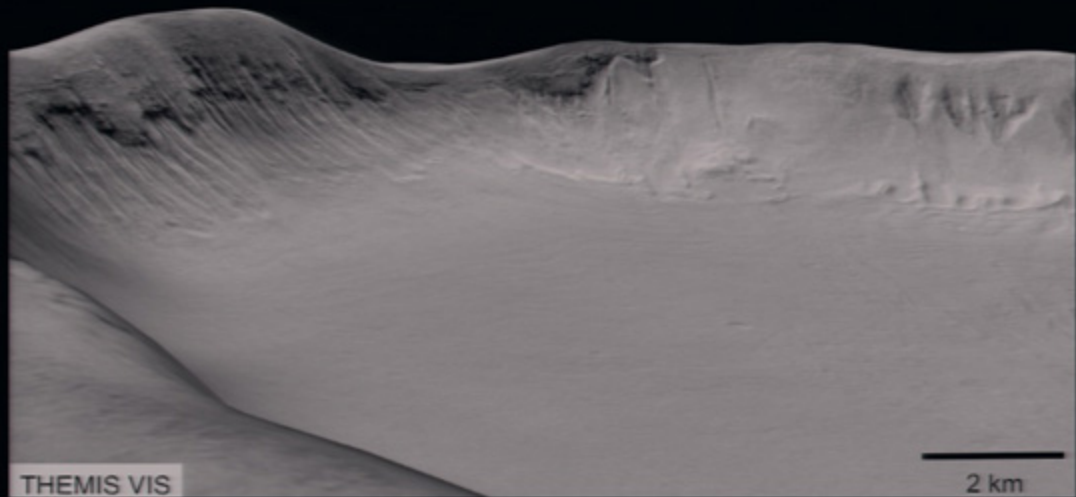






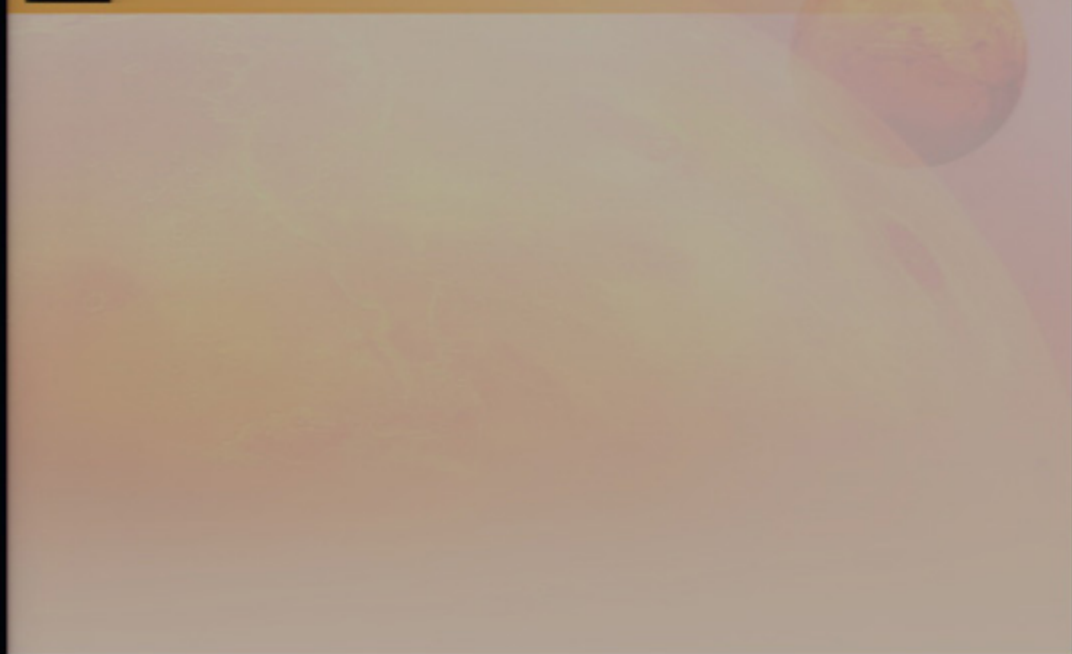








So - Could Human Live on Mars?





So - Could Human Live on Mars?

- Air - Yes, grow plants that make oxygen



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- Air - Yes, grow plants that make oxygen
- Food - Yes, eat the plants



So - Could Human Live on Mars?

- Air - Yes, grow plants that make oxygen
- Food - Yes, eat the plants
- Water - Yes, melt snow and buried ice



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- Air - Yes, grow plants that make oxygen
- Food - Yes, eat the plants
- Water - Yes, melt snow and buried ice
- Shelter - Yes, build underground base



So - Could Human Live on Mars?

- Air - Yes, grow plants that make oxygen
- Food - Yes, eat the plants
- Water - Yes, melt snow and buried ice
- Shelter - Yes, build underground base
- Energy - Yes, use solar panels







