

CORNWALL
SEA TO STARS

MARS 36
Pocket Atlas

YOUR MARS BASE

Choose a location for your Mars Base



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USE THE MARS ATLAS TO FIND A LOCATION TO LAND
AND CREATE A MARS BASE.



Credit: OeWF



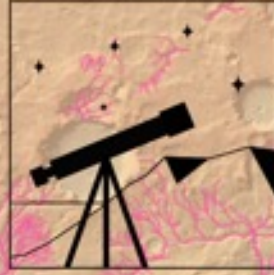
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WHAT ARE YOU GOING TO NAME YOUR BASE?



Credit: D Mitriy CC BY-SA

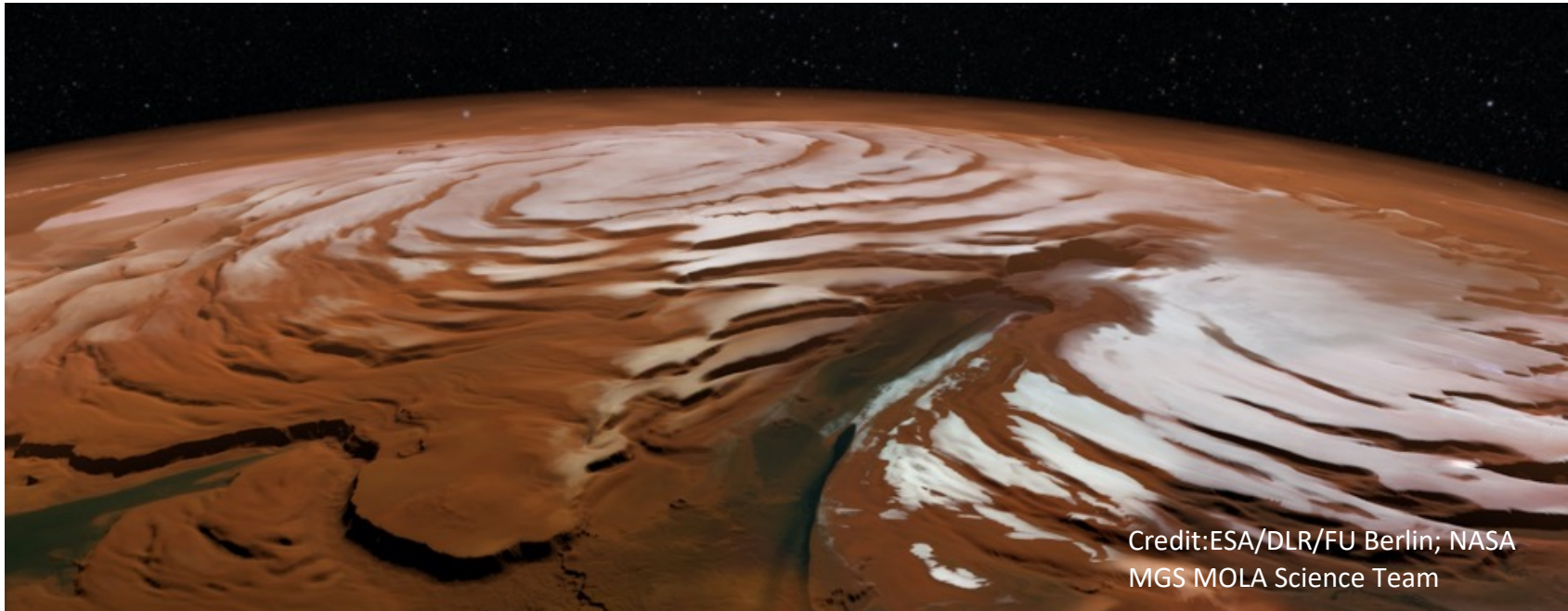


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HERE ARE SOME THINGS TO THINK ABOUT :-

- Location?
- Near the equator, at mid-latitudes, or near a pole, why?



Credit:ESA/DLR/FU Berlin; NASA
MGS MOLA Science Team



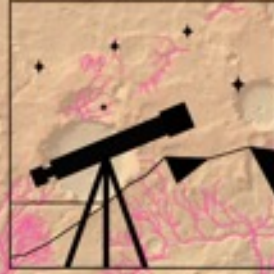
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LAND SURFACE, ON A PLAIN, NEAR MOUNTAINS OR
VOLCANOES, ON A DESERT?



Credit: NASA/JPL-Caltech/MSSS



WEATHER, DO YOU WANT AN AREA WITH FREQUENT SANDSTORMS OR HIGH WINDS

- If not, how do you avoid these?



Credit: NASA/JPL/D Mitriy



LAST QUESTIONS

- Do you want a base near previous landers? If so, why?
- What science activities will you do at your base? Have you chosen the right place for these activities.?
- How will you get water and air for base?
- If your base is near volcanoes, are there still any active volcanoes on Mars?