

Latest Weather at Jezero Crater

Perseverance is taking regular weather measurements at Jezero Crater, in the Isidis Planitia region of Mars' northern hemisphere. At this location, it's currently early summer.

Sol 889
August 20, 2023

High: N/A F | C
Low: N/A F | C

Sol 883
Aug. 14

Sol 884
Aug. 15

Sol 885
Aug. 16

Sol 886
Aug. 17

Sol 887
Aug. 18

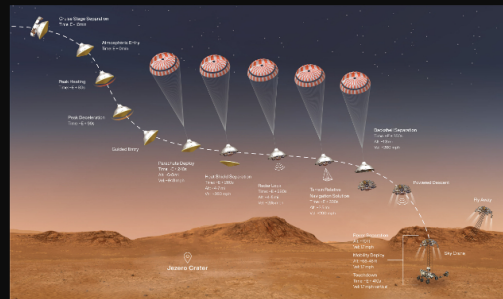
Sol 888
Aug. 19

PERSEVERANCE ROVER

This site offers educational resources such as an Interactive Timeline, which includes information about [Perseverance](#) beginning with the start of its journey all the way to the landing stage. Our [Timeline](#) will be updated with new information whenever Perseverance reaches a new significant stage in its mission. [Discover Mars](#) and learn more about the planet Perseverance is exploring. Check out photos from the Red Planet's surface and understand why Perseverance's mission is so important. Ever wondered where the name "Mars" originated? Interested in their dust storms? How often they occur? Then you have come to the right place!

PERSEVERANCE LANDING ON MARS

Perseverance made contact with the martian atmosphere at 20:48 GMT, deploying its parachutes just minutes later at 20:52 GMT. Two minutes later, Perseverance then began a powered descent at 20:54 GMT and confirmed landing with wheels down only one minute later, at 20:55 GMT. This moment made history on February 18th 2021 and is only the start of NASA's mission, which is to explore Jezero Crater in the hope of finding potential microbial life.



PERSEVERANCE'S MISSION

Perseverance has four science objectives: Geology, Astrobiology, Sample Caching and Preparation for Humans. Perseverance will study the rocks and landscape at the landing site to reveal the region's history, which once had the potential to host and preserve ancient life. Perseverance will search for materials with high biosignature preservation potential and store samples in its 38 empty sampling tubes. By the end of its mission, it will collect approximately 30 samples which will hopefully be returned to Earth in a future mission. Perseverance will also be demonstrating technologies that would help sustain human presence on Mars someday.

WHERE CAN I LEARN MORE?

Interested in learning more about Mars and Perseverance? Check out our [Interactive Timeline](#) where you can find out more about each stage of Perseverance's journey! More interested in quick facts and images? Check out our [Discover Mars](#) page!

