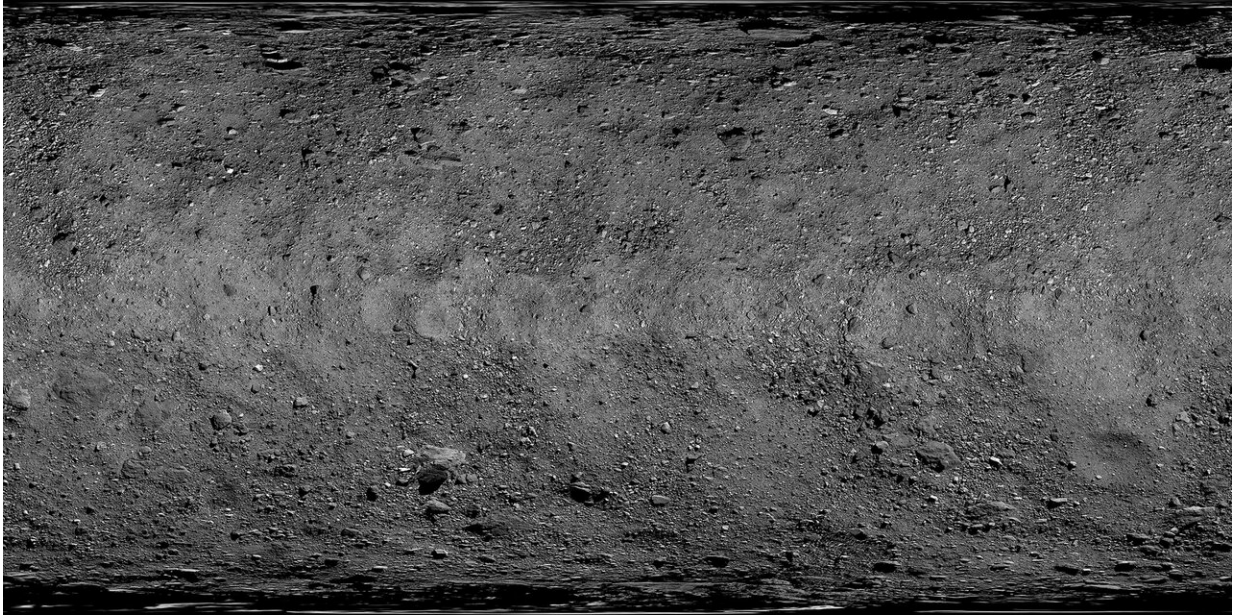


Image: Bennu in unprecedented detail

March 24 2020



Credit: NASA/Goddard/University of Arizona

This global map of asteroid Bennu's surface is a mosaic of images collected by NASA's OSIRIS-REx spacecraft between Mar. 7 and Apr. 19, 2019. A total of 2,155 PolyCam images were stitched together and corrected to produce the mosaic.

At 2 inches (5 cm) per pixel, this is the highest resolution at which a planetary body has been globally mapped. The spacecraft collected these images at distances ranging from 1.9 to 3.1 miles (3.1 to 5 km) above the asteroid's surface. This detailed view of Bennu was used by the mission

team during their [selection](#) of the primary and backup sample collection sites—Nightingale and Osprey.

Full-sized versions of the mosaic are available for download [here](#) (mosaic only) and [here](#) (mosaic with coordinate system).

Provided by NASA

Citation: Image: Bennu in unprecedented detail (2020, March 24) retrieved 5 May 2024 from <https://phys.org/news/2020-03-image-bennu-unprecedented.html>

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