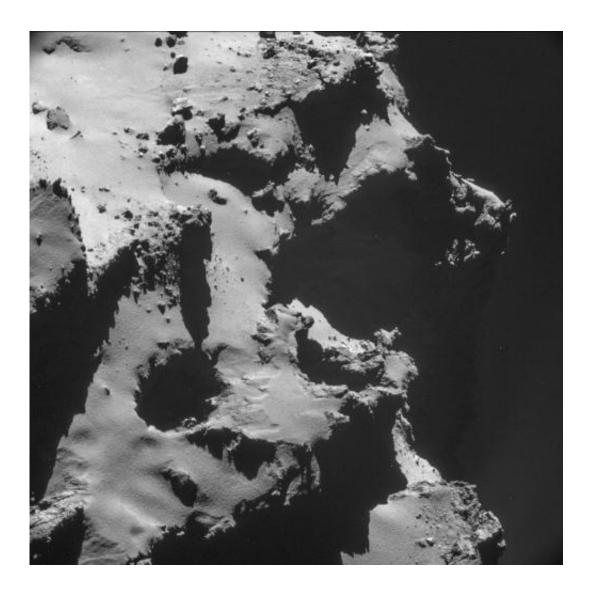


## **Images: Rosetta's comet from 10 kilometers**

November 11 2014



Credit: ESA

ESA's comet-chasing Rosetta mission spent much of the second half of



October orbiting Comet 67P/Churyumov–Gerasimenko at less than 10 km from its surface. This selection of previously unpublished 'beauty shots', taken by Rosetta's navigation camera, presents the varied and dramatic terrain of this mysterious world from this close orbit phase of the mission.

Some light contrast enhancements have been made to emphasise certain features and to bring out features in the shadowed areas. In reality, the comet is extremely dark – blacker than coal. The images, taken in black-and-white, are grey-scaled according to the relative brightness of the features observed, which depends on local illumination conditions, surface characteristics and composition of the given area.

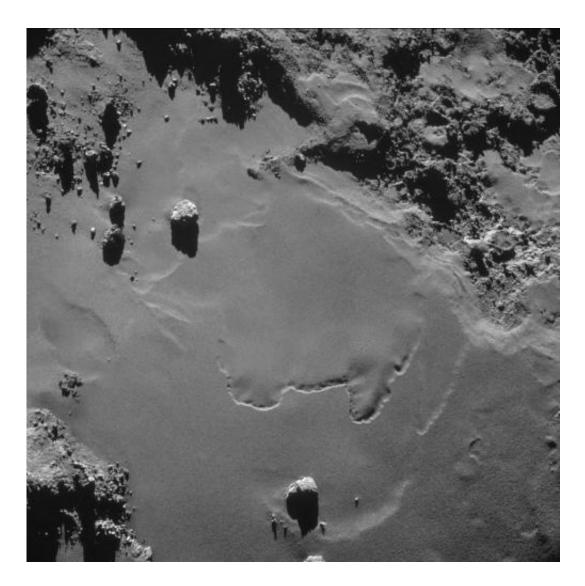
Some slight vignetting can also be seen in the corners of some images.





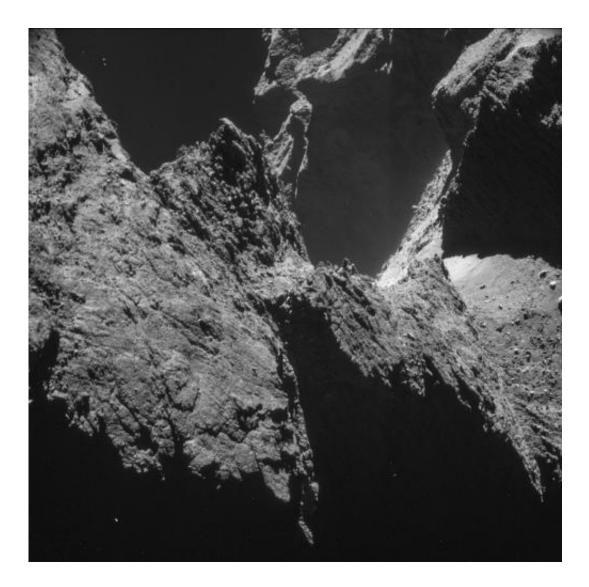
Credit: ESA





Credit: ESA





Credit: ESA

## Provided by European Space Agency

Citation: Images: Rosetta's comet from 10 kilometers (2014, November 11) retrieved 26 April 2024 from <u>https://phys.org/news/2014-11-images-rosetta-comet-kilometers.html</u>

This document is subject to copyright. Apart from any fair dealing for the purpose of private



study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.