



**HAUPTAKTIVITÄT NAHE
PERIHEL AUF DER SÜDSEITE
MAIN ACTIVITY CLOSE TO
PERIHELION ON THE SOUTH SIDE**



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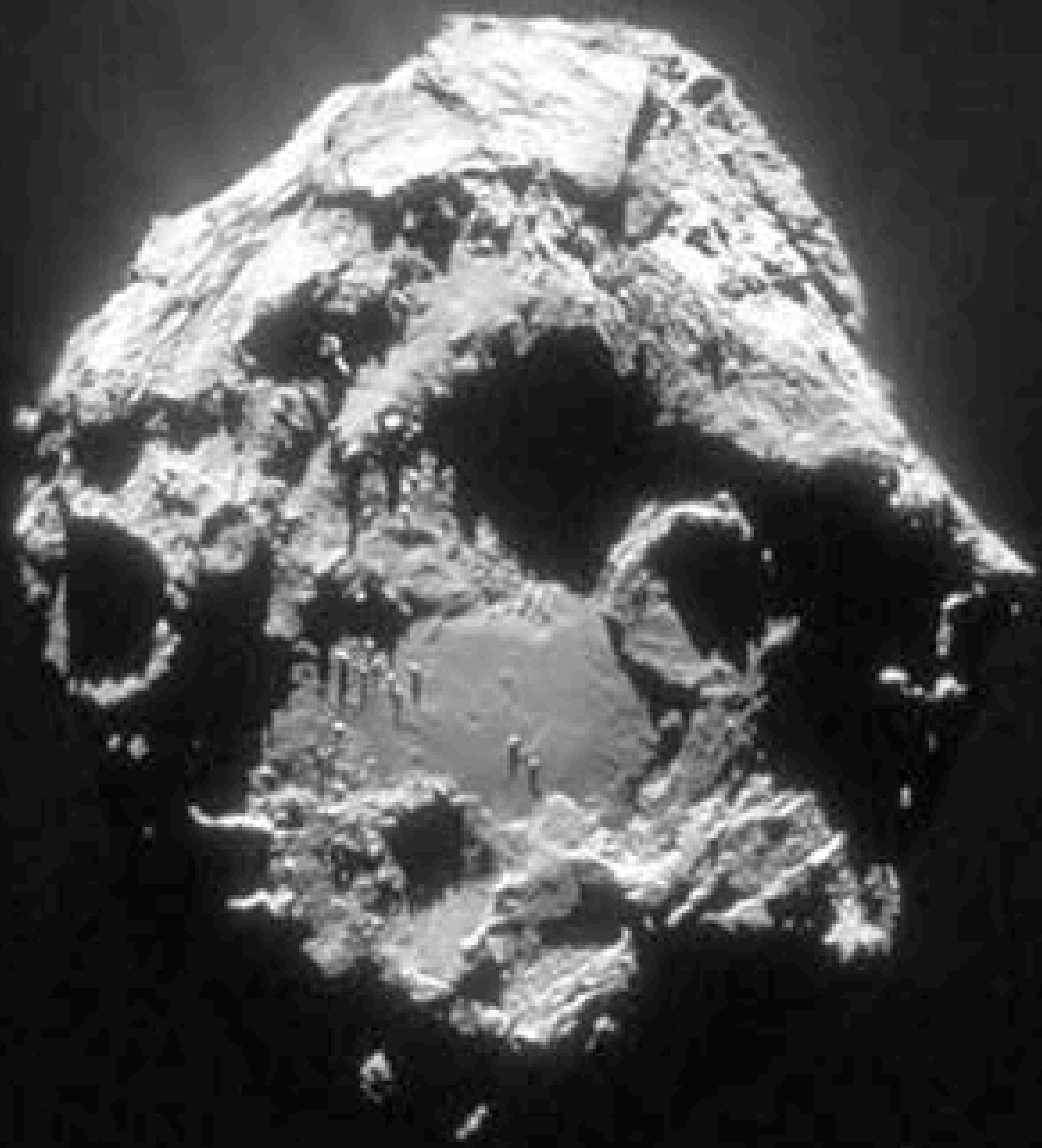
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NUR STAUB SICHTBAR
ONLY DUST VISIBLE



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ONLY DUST VISIBLE



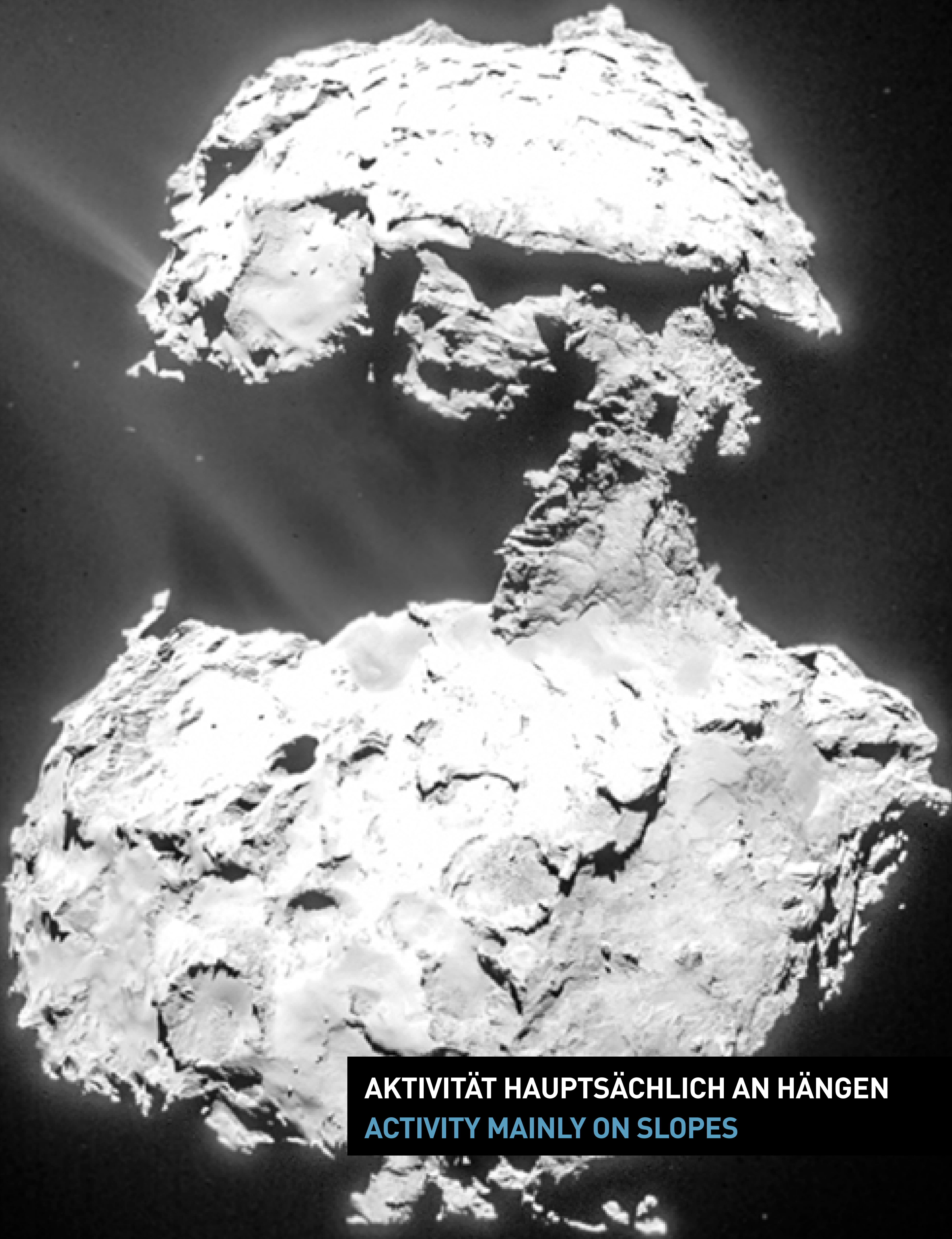
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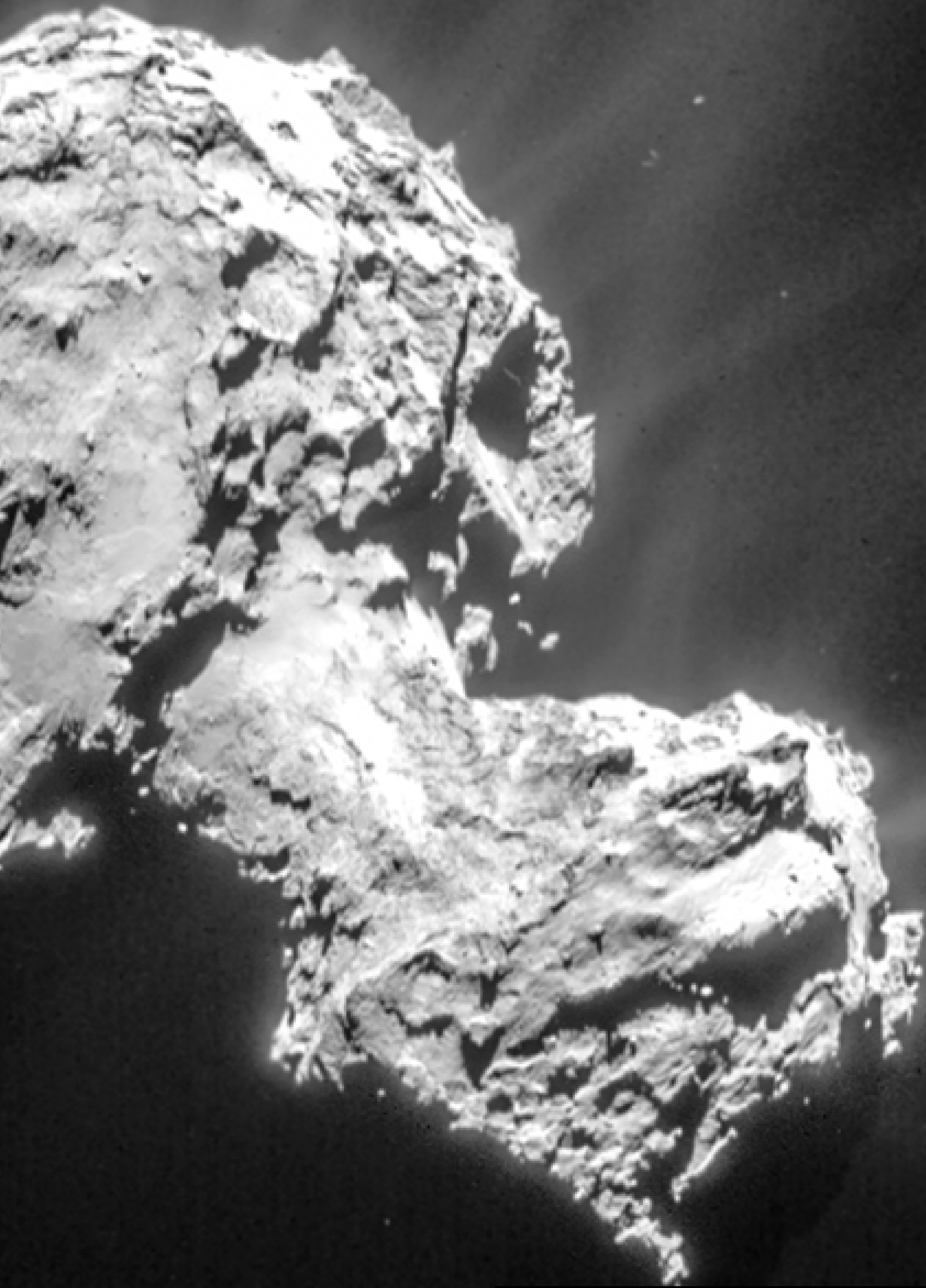
NUR STAUB SICHTBAR
ONLY DUST VISIBLE



AKTIVITÄT HAUPTSÄCHLICH AN HÄNGEN
ACTIVITY MAINLY ON SLOPES



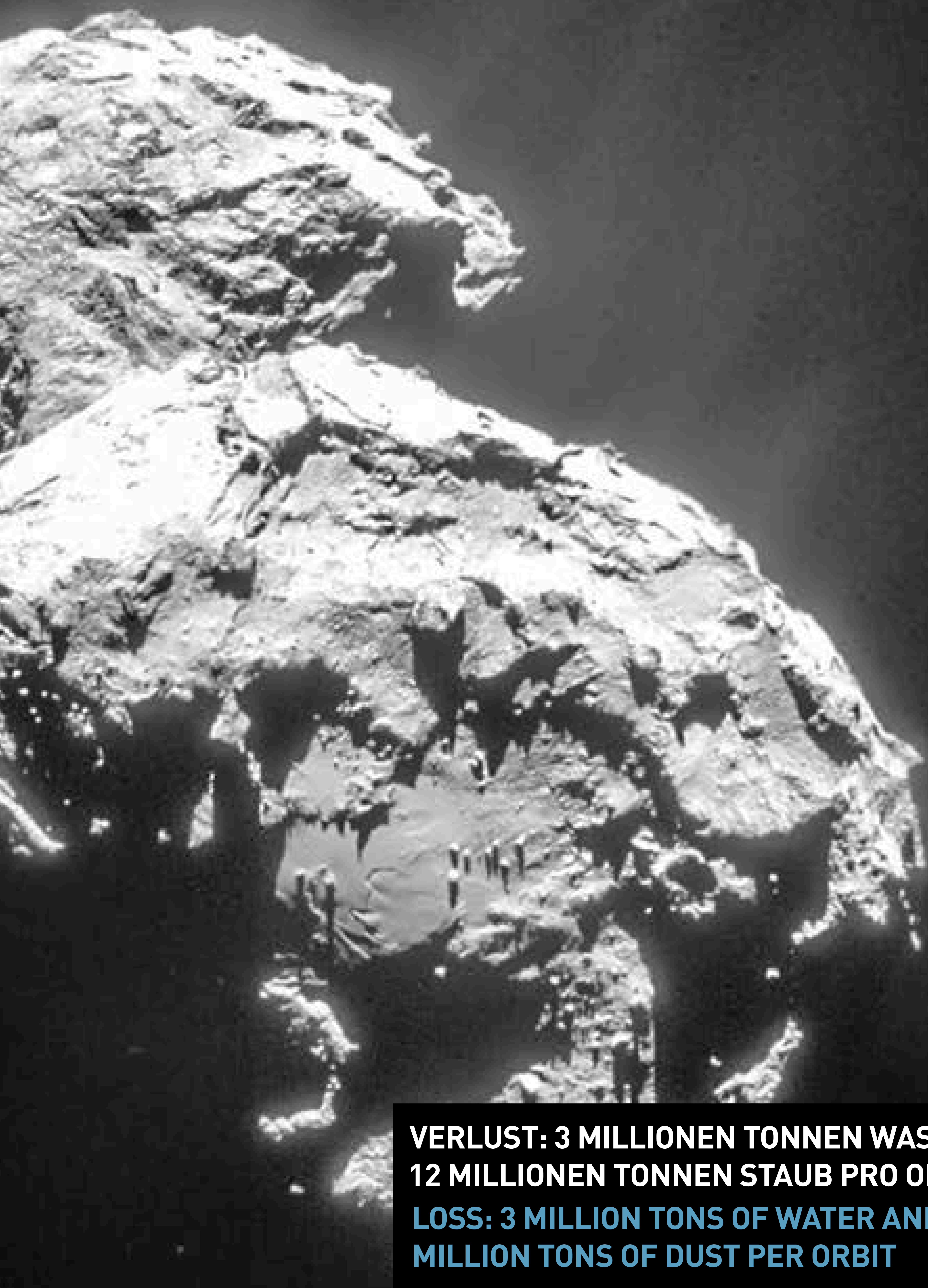
AKTIVITÄT HAUPTSÄCHLICH AN HÄNGEN
ACTIVITY MAINLY ON SLOPES



AKTIVITÄT HAUPTSÄCHLICH AN HÄNGEN
ACTIVITY MAINLY ON SLOPES

The background of the entire page is a black and white photograph of an astronaut in space. The astronaut is seen from the chest up, floating in the void. A bright light source, likely the sun, is positioned behind the astronaut, creating a strong backlighting effect and a visible glow around the figure. The astronaut's helmet and suit are clearly visible against the dark background.

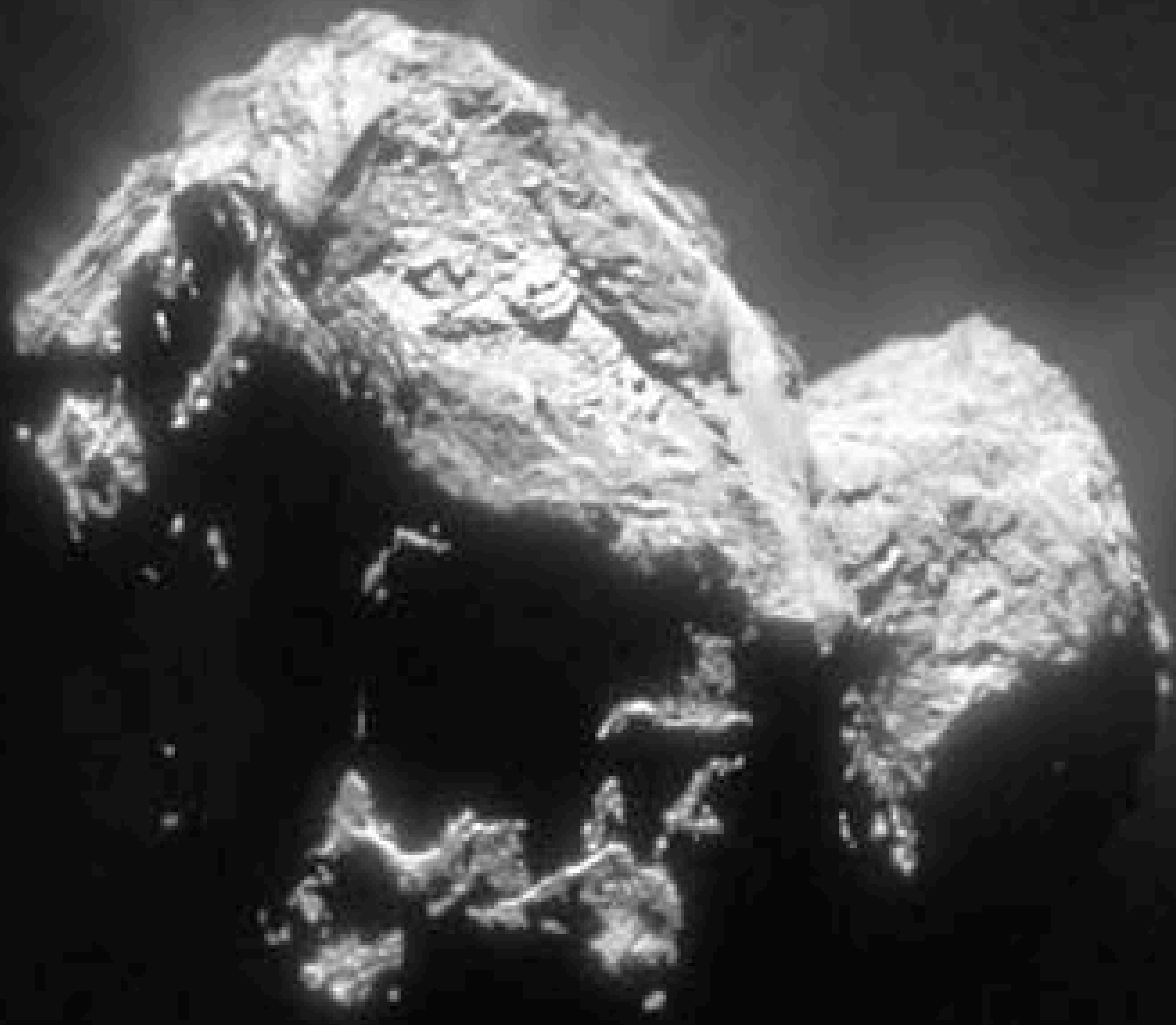
**VERLUST: 3 MILLIONEN TONNEN WASSER UND
12 MILLIONEN TONNEN STAUB PRO ORBIT**
**LOSS: 3 MILLION TONS OF WATER AND 12
MILLION TONS OF DUST PER ORBIT**



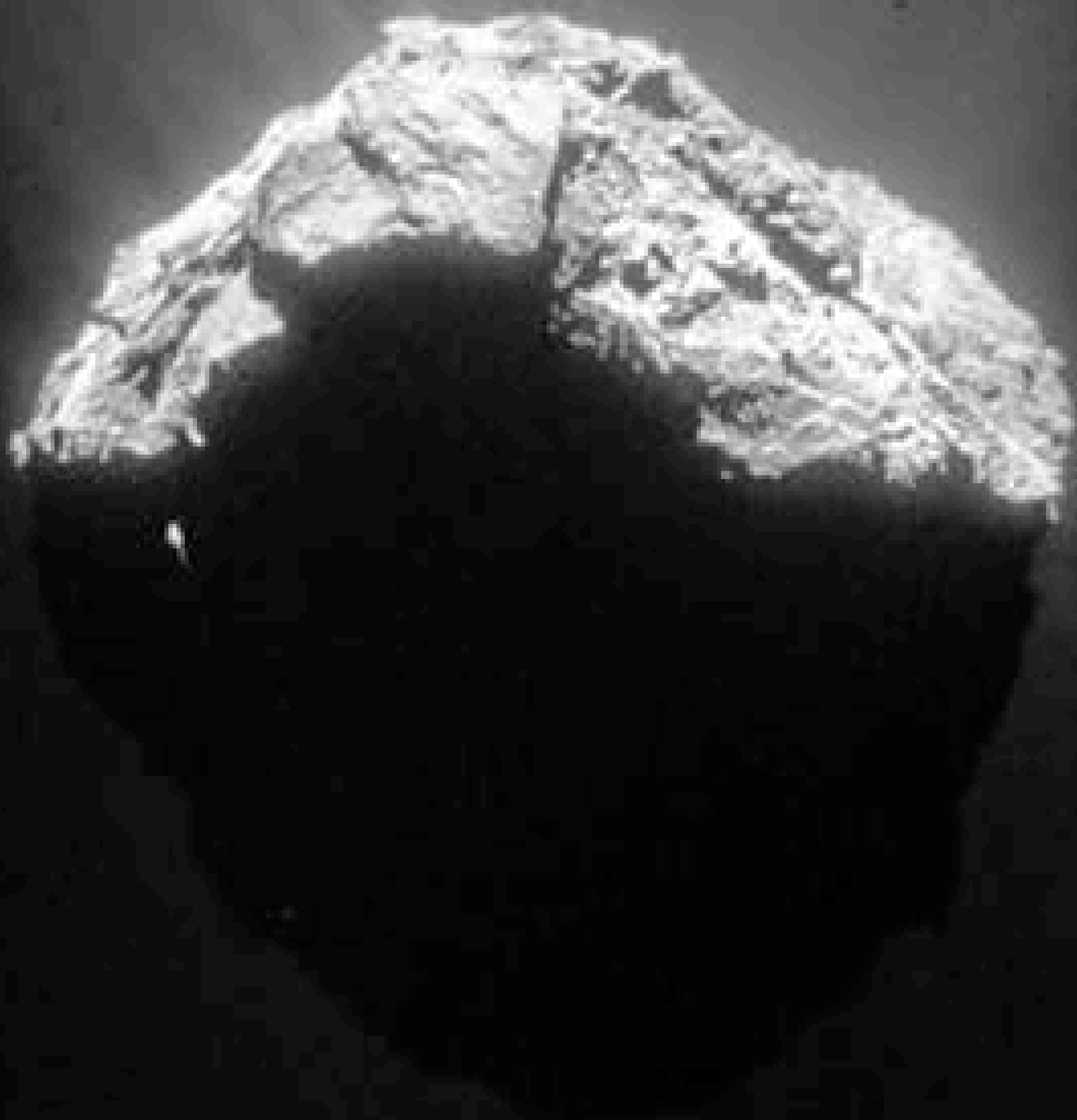
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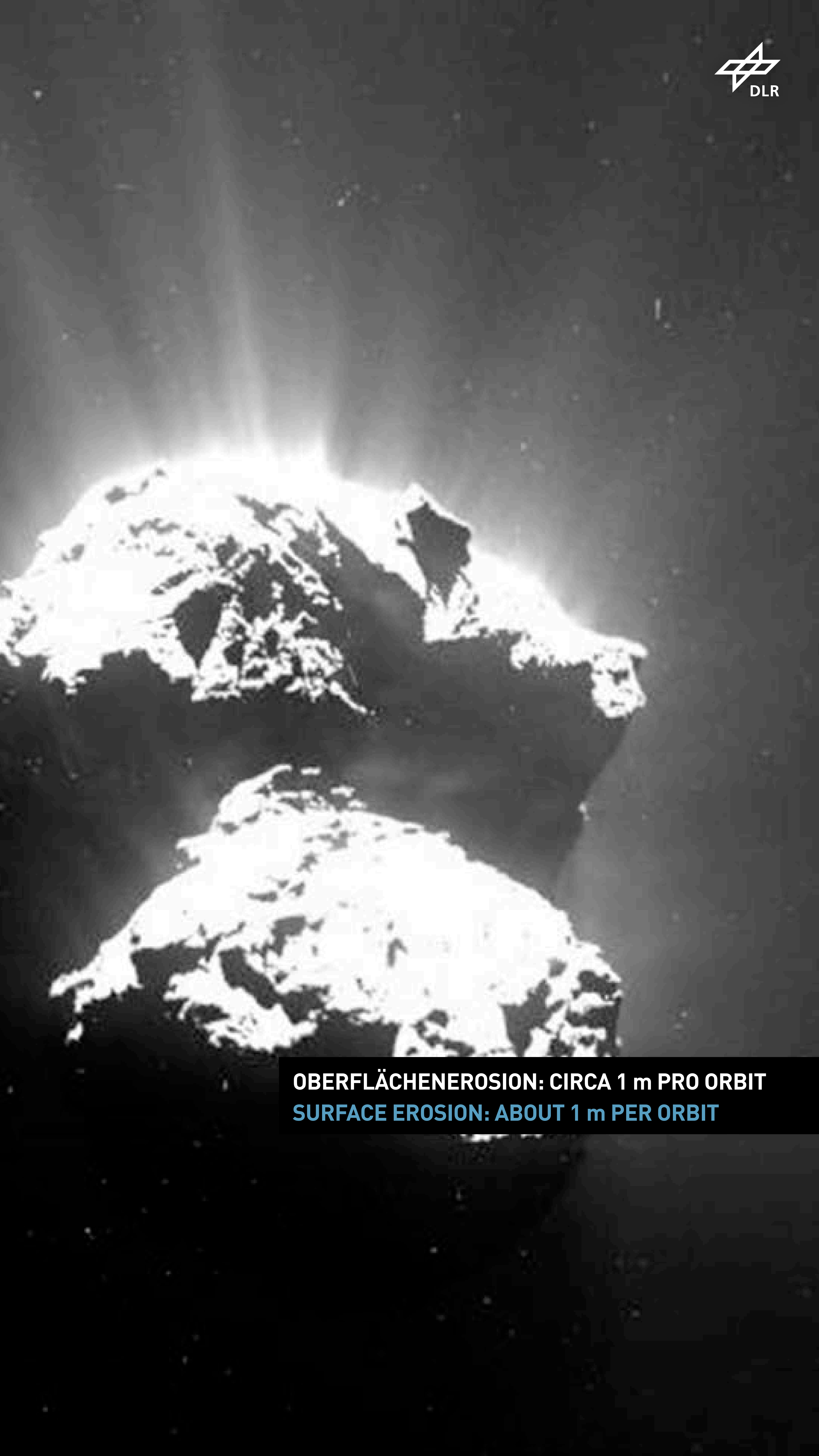
SELBST AUF NACHTSEITE AKTIV
ACTIVITY EVEN ON NIGHT SIDE



STAUBPARTIKELGRÖSSE: μm – m
DUST PARTICLE SIZE: μm – m



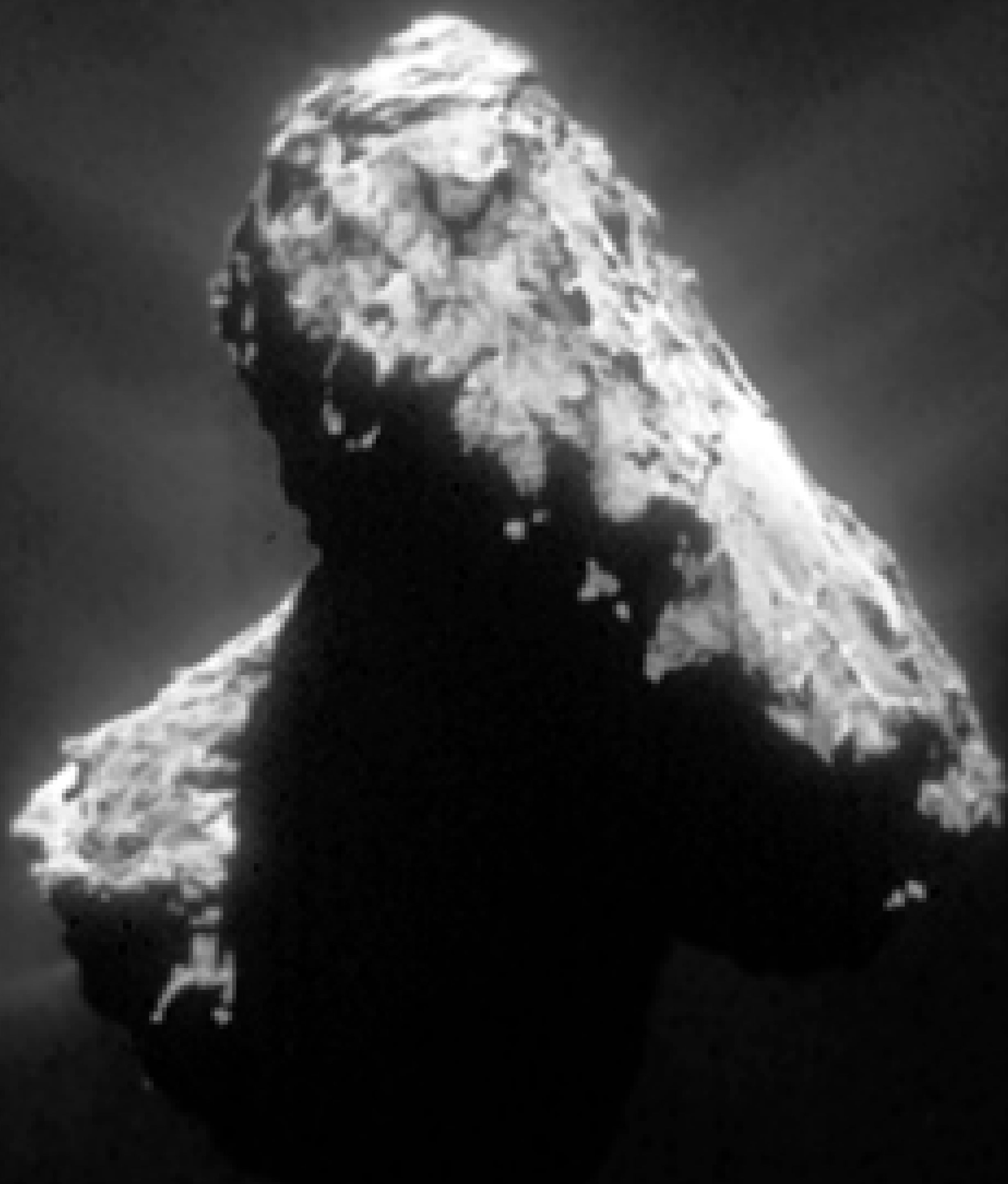
STAUBPARTIKELGRÖSSE: μm – m
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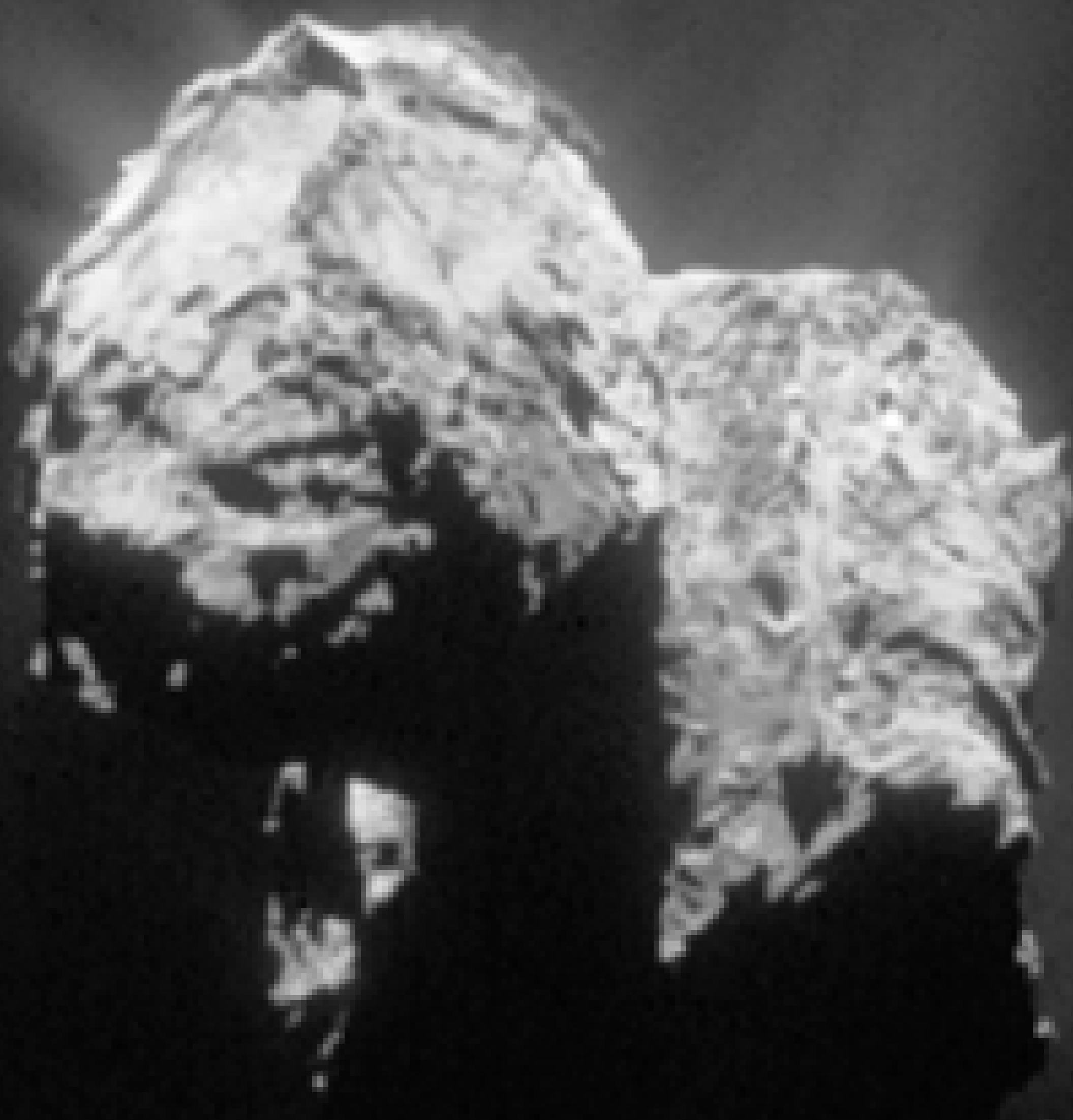
OBERFLÄCHENEROSION: CIRCA 1 m PRO ORBIT
SURFACE EROSION: ABOUT 1 m PER ORBIT



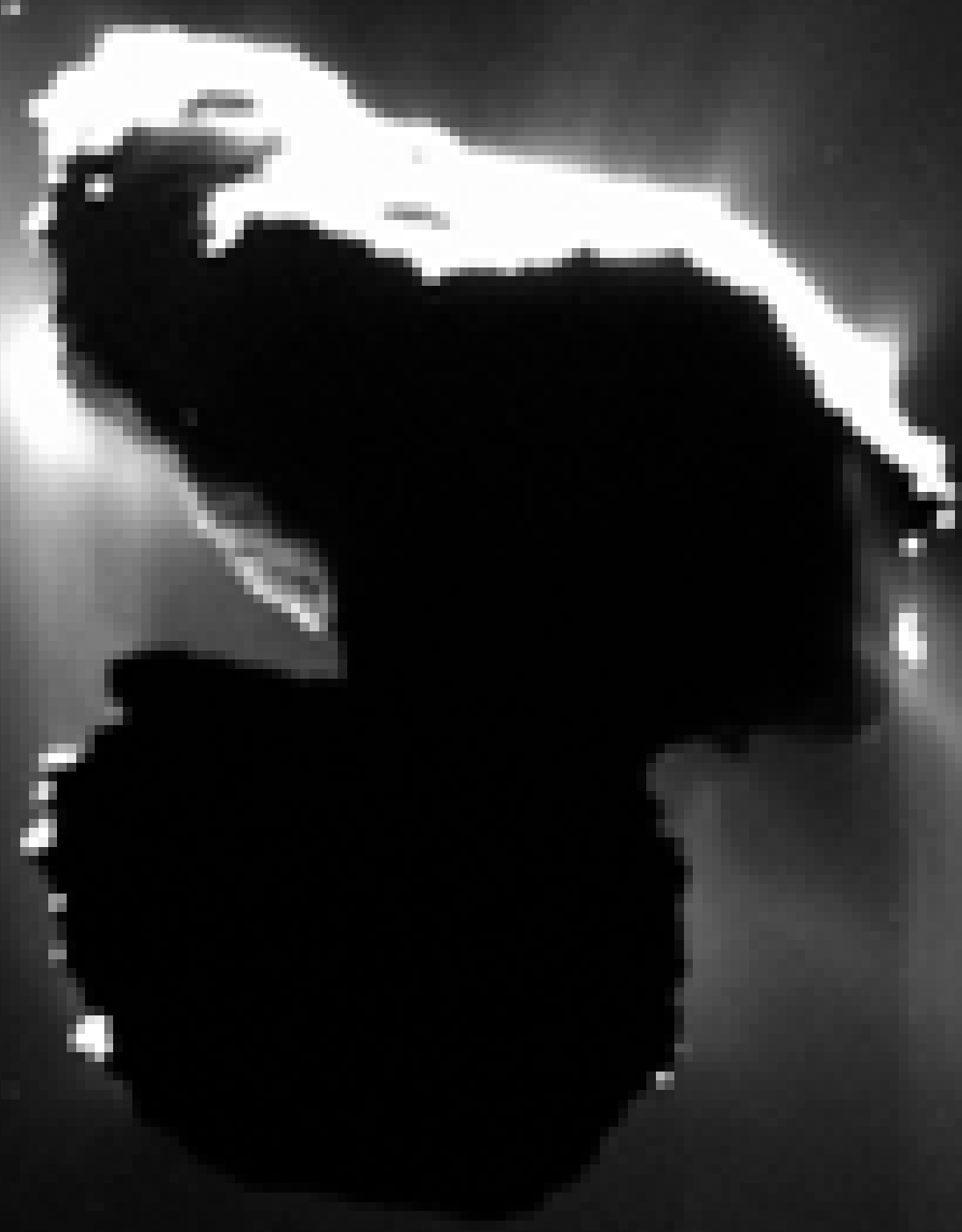
OBERFLÄCHENEROSION: CIRCA 1 m PRO ORBIT
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**AKTIVITÄT NICHT HOMOGEN
ÜBER DEN KERN VERTEILT**
**ACTIVITY NOT HOMOGENEOUSLY
DISTRIBUTED OVER THE NUCLEUS**



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A high-contrast, black and white photograph of a rocky celestial body, likely an asteroid or comet nucleus, dominates the background. The surface is highly irregular, covered in numerous craters, ridges, and deep shadows, creating a complex, textured appearance. The lighting is dramatic, highlighting the rugged features against a dark, almost black background.

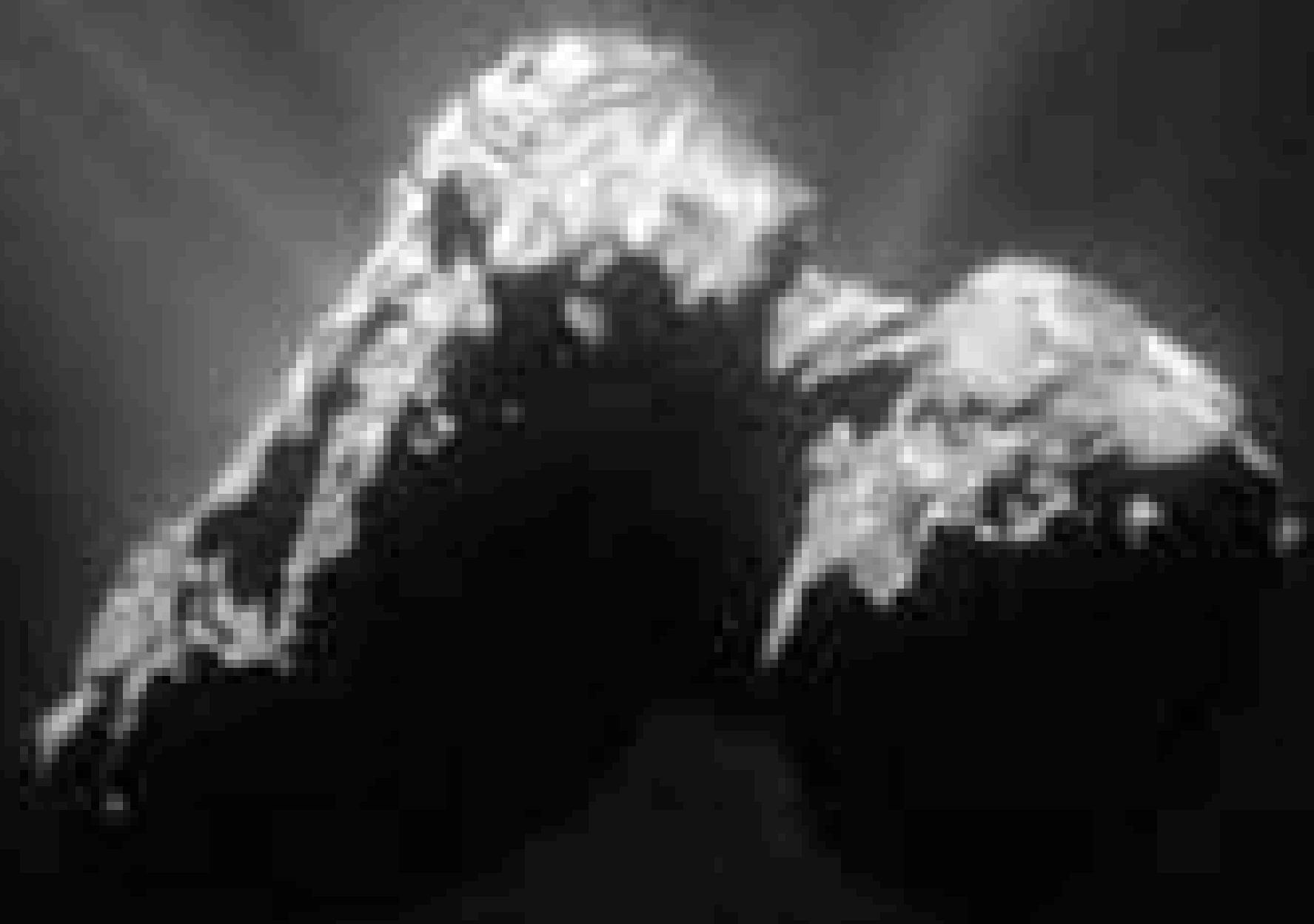
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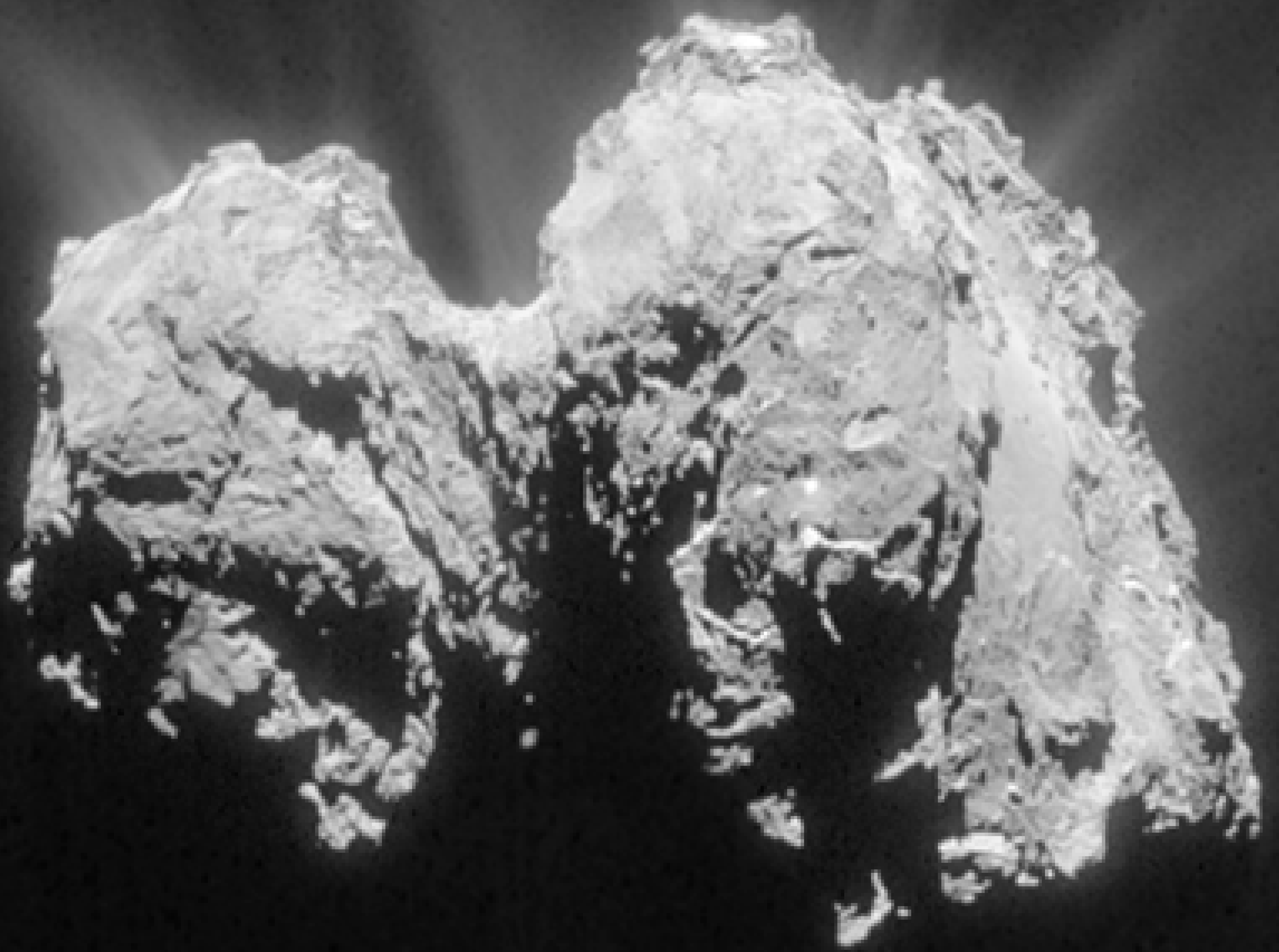
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AKTIVITÄT DURCH SUBLIMATION VON EISEN
ACTIVITY FROM ICE SUBLIMATION



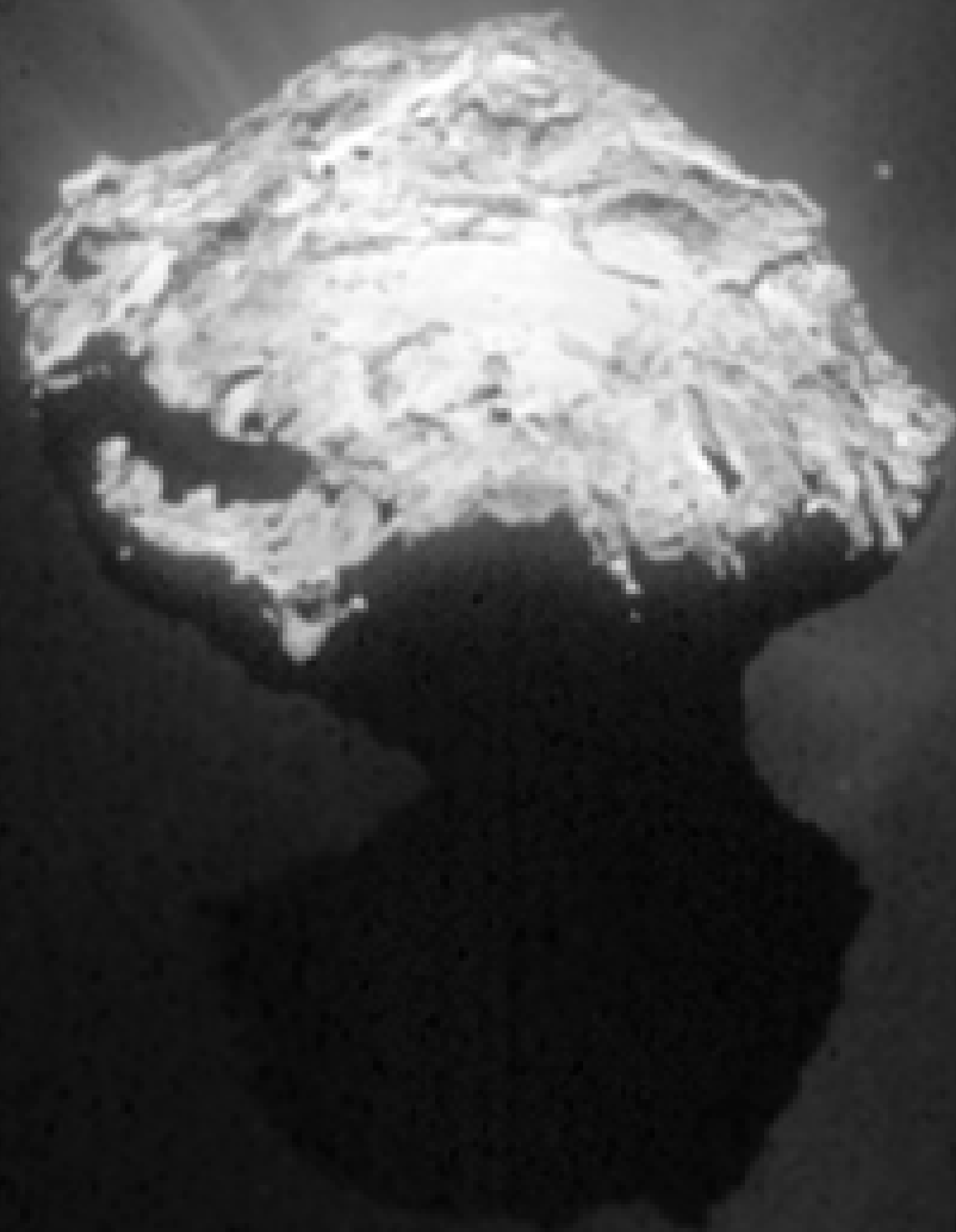
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ACTIVITY FROM ICE SUBLIMATION



AKTIVITÄT DURCH SUBLIMATION VON EISEN
ACTIVITY FROM ICE SUBLIMATION



AKTIVITÄT DURCH SUBLIMATION VON EIS
ACTIVITY FROM ICE SUBLIMATION



WASSERMOLEKÜLE HAUPTTREIBER DER AKTIVITÄT
WATER MOLECULES AS MAIN DRIVER OF ACTIVITY

The background of the slide is a high-contrast, black and white visualization of a water molecule. The oxygen atom is represented as a large, bright white sphere, while the two hydrogen atoms are smaller, dark spheres. The molecule is shown in a dynamic state, with a bright, glowing white trail or wake extending from the oxygen atom towards the left, suggesting movement or a reaction process. The overall image has a grainy, scientific aesthetic.

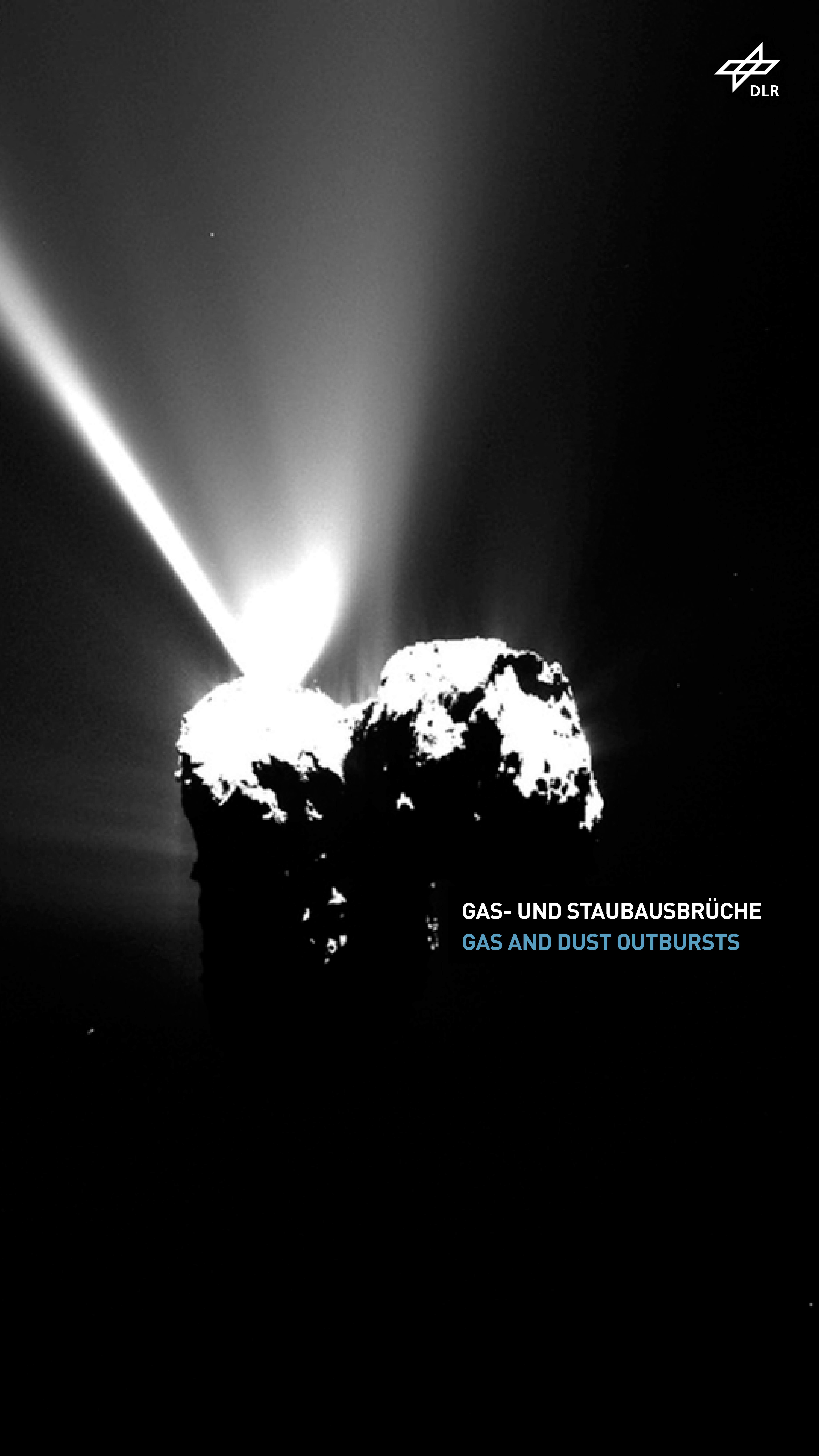
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WATER MOLECULES AS MAIN DRIVER OF ACTIVITY



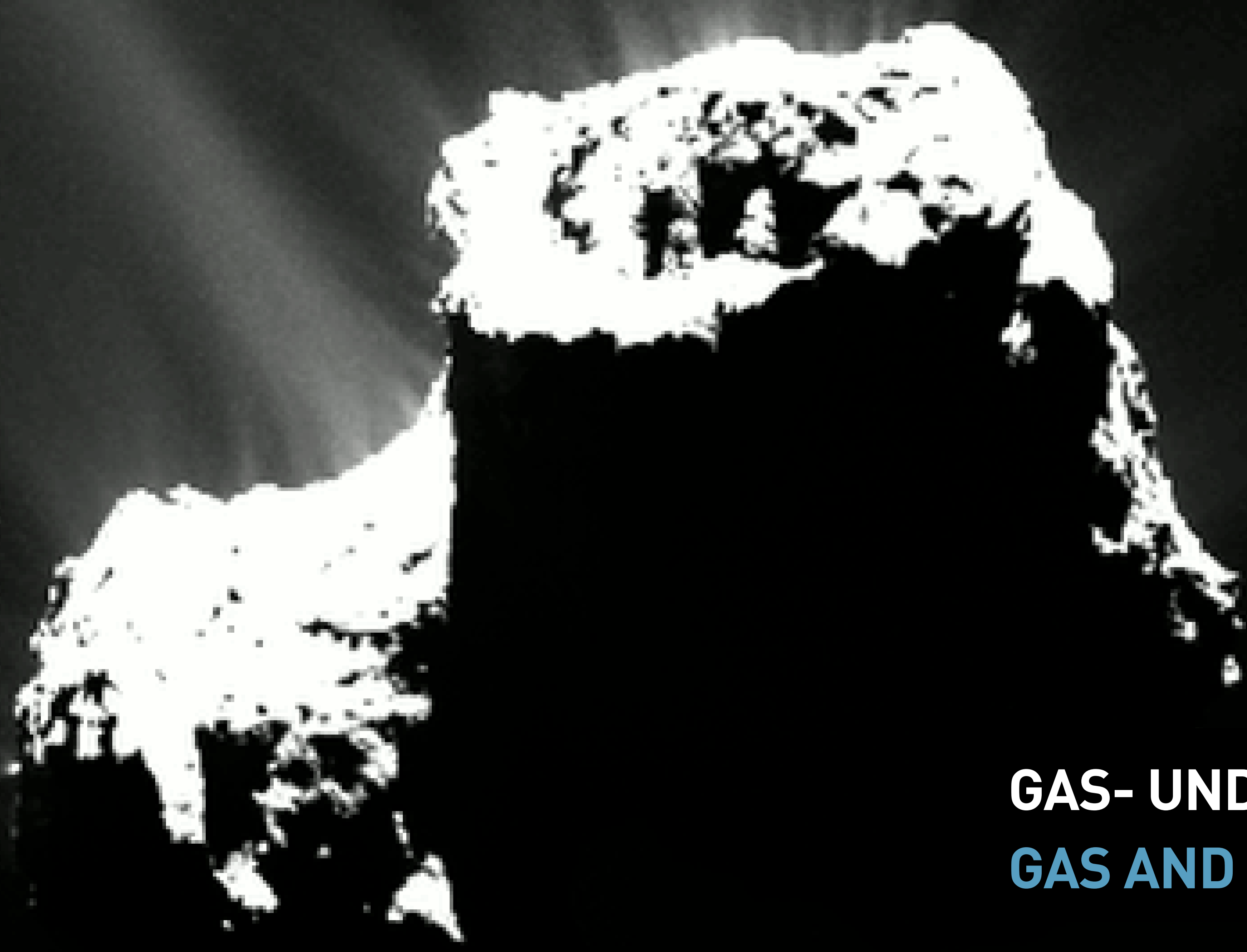
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WATER MOLECULES AS MAIN DRIVER OF ACTIVITY



WASSERMOLEKÜLE HAUPTTREIBER DER AKTIVITÄT
WATER MOLECULES AS MAIN DRIVER OF ACTIVITY



GAS- UND STAUBAUSBRÜCHE
GAS AND DUST OUTBURSTS



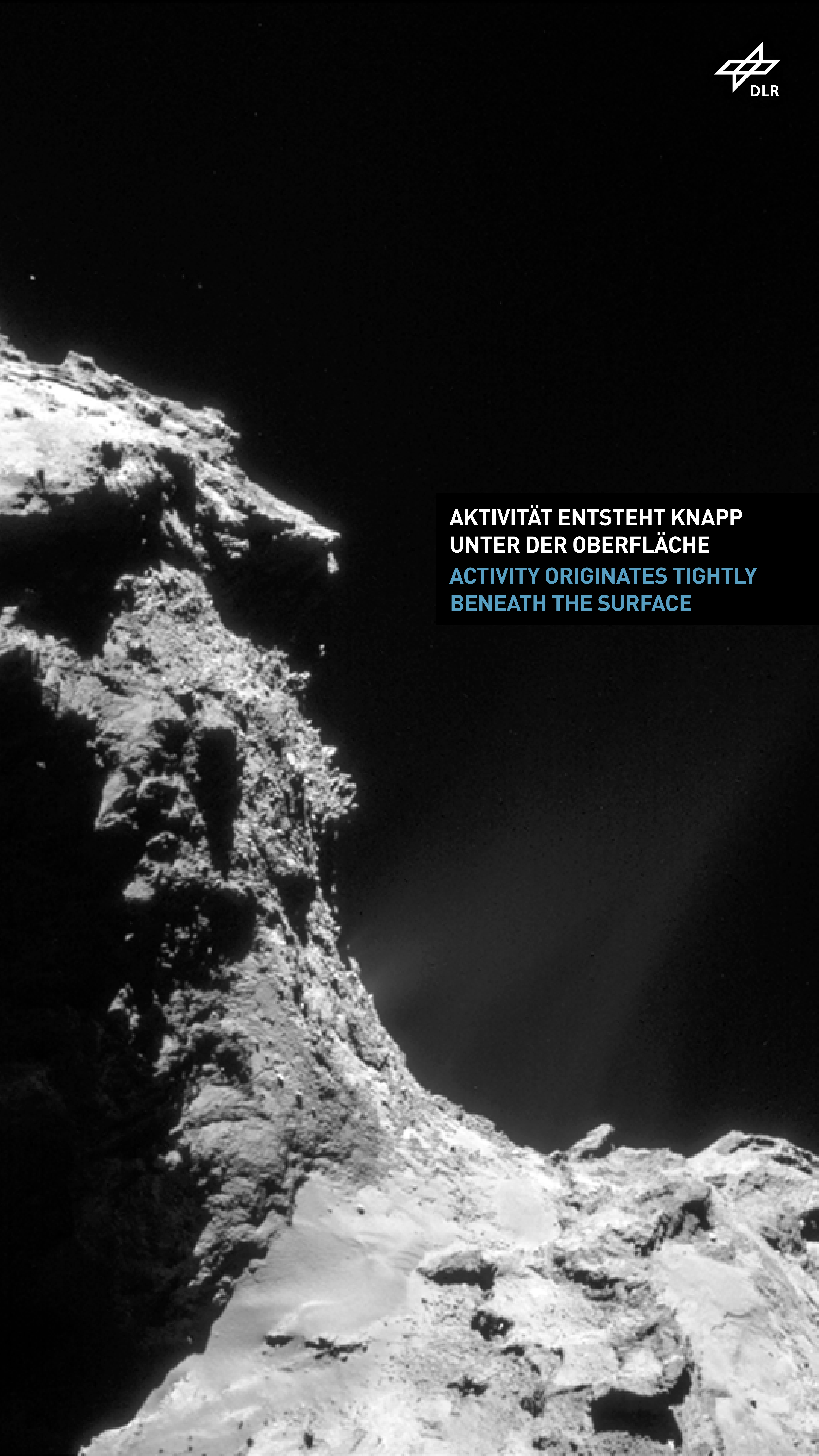
GAS- UND STAUBAUSBRÜCHE
GAS AND DUST OUTBURSTS



AKTIVITÄT IST EIN HAUPTMERKMAL VON KOMETEN
ACTIVITY IS A PRINCIPAL FEATURE OF COMETS

The background of the entire page is a high-contrast, black and white aerial photograph of a rugged coastline. The image shows a dark, rocky shoreline on the left that meets a lighter, sandy beach on the right. The rocks are jagged and scattered, creating a complex pattern of light and shadow. The sand appears smooth but is peppered with small dark spots, likely pebbles or debris. The overall scene is desolate and emphasizes natural geological and coastal processes.

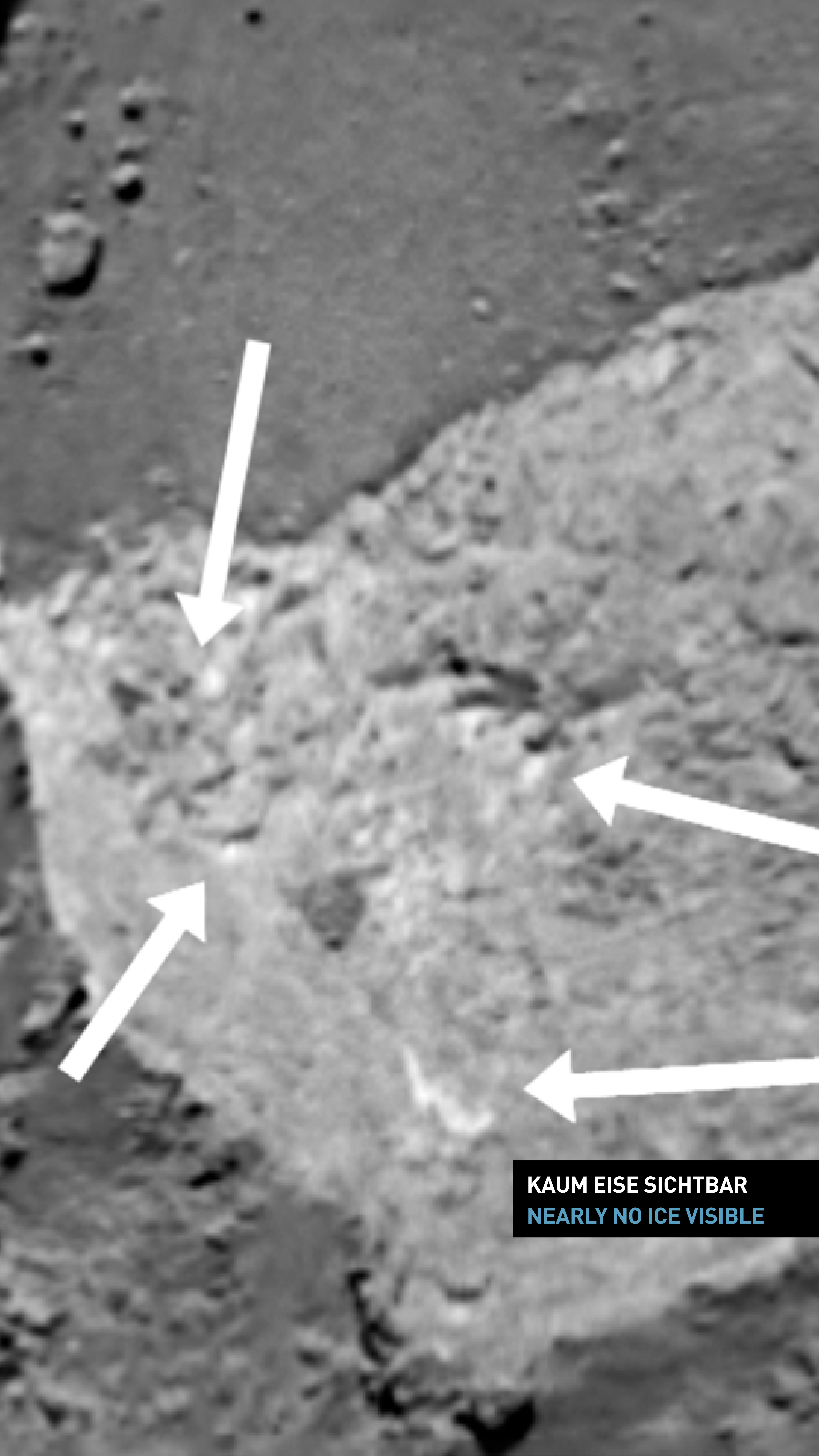
„AIRFALL“ UND ÄOLISCHE PROZESSE
AIRFALL AND AEOLIC PROCESSES

The background of the entire page is a high-contrast, black and white photograph of an asteroid's surface. The terrain is rugged and rocky, with numerous craters and sharp ridges. The lighting is dramatic, coming from the left, which casts long, dark shadows and highlights the textures of the rocks and the uneven ground. The overall scene is desolate and emphasizes the harsh, rocky environment of the asteroid.

**AKTIVITÄT ENTSTEHT KNAPP
UNTER DER OBERFLÄCHE
ACTIVITY ORIGINATES TIGHTLY
BENEATH THE SURFACE**

**AKTIVITÄT ENTSTEHT KNAPP
UNTER DER OBERFLÄCHE
ACTIVITY ORIGINATES TIGHTLY
BENEATH THE SURFACE**





KAUM EISE SICHTBAR
NEARLY NO ICE VISIBLE



**DURCHSCHNITTlich ALLE DREI
TAGE EIN GRÖSSERER AUSBRUCH
MAJOR OUTBURSTS EVERY THREE
DAYS ON AVERAGE**

BILDER IMAGES

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WEITERE INFORMATIONEN

MORE INFORMATION

[DLR.de/rosetta-ausstellung](https://www.dlr.de/rosetta-ausstellung)