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NATION | P4

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THE VIEWS | P8

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at a crucial time



BUSINESS | P14

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container volume

FROM THE COVER | P2-3

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UAE shares more data from Hope Probe

Second batch of
observations released
to global audience

DUBAI

Gulf News Report

Emirates Mars Mission (EMM), the first interplanetary mission undertaken by an Arab nation, has released the second tranche of observations to a global audience of scientists, researchers, educationalists and enthusiasts.

Over 76GB of raw data has been uploaded to the EMM Science Data Centre as part of the second batch of scientific observations collected by Hope Probe. The data represents the core result of the scientific mission undertaken by the Hope Probe to explore the climate and atmosphere on Mars.

The publication of the second batch of data – available at EMM's website – reinforces the UAE's commitment to share valuable and unprecedented scientific data freely with the global scientific community to help scientists, researchers, and space enthusiasts better understand the phenomena and interactions on the atmosphere of the Red Planet.

The second data release includes information, images and insights collected by the scientific equipment carried by the Hope Probe between May 23 and August 31, 2021. This is part of the EMM's commitment to publish sci-

76GB

raw data uploaded
to EMM Science
Data Centre

entific data collected by Hope every three months.

The first set of data from the Hope Probe, collected between February 9 and May 22, 2021, was shared in October 2021.

Freely available

Engineer Omran Sharaf, Project Director of the EMM Hope Probe, said: "The release of the second batch of scientific data collected by Hope Probe reflects the Emirates' goal of making the observations freely available globally. We have already seen startling new observations from Hope and look forward to deriving important new insights into Mars' atmospheric dynamics and sharing them with the world."

Hessa Al Matroushi, Deputy Programme Manager and Science Lead of the Emirates Mars Mission Hope Probe, said: "The second batch of scientific data collected by Hope Probe from May 23, 2021 to August 31, 2021, includes important and unprecedented information that will help the global scientific community develop more accurate scientific models of the atmosphere in the Red Planet"