

TUESDAY MARCH 8, 2022
SHA'ABAN 5, 1443

gulfnews.com

GULF NEWS



Scan for
our social
media

© All rights reserved 2022

MIDDLE EAST | P10

**Al Khatib: Kuwait
parliamentary
icon dies at 96**



THE VIEWS | P8

**Why Macron is
likely to retain
the presidency**



BUSINESS | P16

**Flydubai revenue
surges 86% on
travel resurgence**

Hope Probe tracks dust storms on Red Planet

DUBAI

Gulf News Report

The Emirates Mars Mission is returning a number of unique observations of Martian dust storms, providing unparalleled depth of information and insight into the way in which these storms evolve and spread across huge swathes of the planet.

The Hope Probe provides a powerful platform to observe details of the structure and variability of the Martian atmosphere. Observations made by the EXI camera and the EMIRS infrared spectrometer characterise the thermal state of the surface and lower atmosphere, and provide details of the geographic distribution of dust, water vapour, and water and carbon-dioxide ice clouds over time scales of minutes to days.

Weather satellite view

The EXI camera system collects images at three visible and two ultraviolet wavelengths – providing a multi-spectral “weather satellite view” of Mars. These images are “calibrated” products which have removed many of the artefacts introduced by the camera system and also provide the observation geometry information to allow for mapping. The contrast has been adjusted to enhance the visibility of surface and atmospheric features.

NATION | P4

**500 VENUES SUPPORT
DUBAI CAN INITIATIVE**

