

Volcano ash turns Asian eclipse blood red

June 16 2011



The Earth completely casts its shadow over the moon in a total lunar eclipse as seen in Manila, Philippines before dawn Thursday June 16, 2011. The total lunar eclipse was also visible in most parts of Asia. (AP Photo/Bullit Marquez)

(AP) -- Asian and African night owls were treated to a lunar eclipse, and ash in the atmosphere from a Chilean volcano turned it blood red for some viewers.

The Sydney Observatory said the eclipse was to begin at 3:25 a.m. Thursday (1:25 p.m. EDT, 5:25 p.m. GMT Wednesday) and last until after 5 a.m.

Scientists said the specific phenomenon happening Thursday - known as a "deep lunar eclipse" - often exudes a coppery color. But the intensity of the color depends on the amount of ash and dust in the <u>atmosphere</u>.



Luckily for moon-gazers, there was plenty of ash in the air so the <u>moon</u> appeared orange or red, especially in Asia. Air travelers haven't been so lucky: The <u>ash</u> has grounded hundreds of flights around the region.

Scientists said the eclipse could be safely observed with the naked eye.

©2011 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed.

Citation: Volcano ash turns Asian eclipse blood red (2011, June 16) retrieved 25 April 2024 from https://phys.org/news/2011-06-volcano-ash-asian-eclipse-blood.html

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.