

# Exploding Eta Aquarid meteor caught in the act

May 10 2017, by Nancy Atkinson

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An Eta Aquarid meteor captured on video by astrophotographer Justin Ng shows an amazing exploding red meteor and what is known as a persistent train—what remains of a meteor fireball in the upper atmosphere as winds twist and swirl the expanding debris.

The meteor pierced through the [clouds](#) and the vaporized "remains" of the fireball persisted for over 10 minutes, Justin said. It lasts just a few seconds in the time-lapse.

Here's the video:

Justin took this footage during an astrophotography tour to Mount Bromo in Indonesia, where he saw several Eta Aquarid [meteors](#). The red, exploding meteor occurred at around 4:16 am, local time. The Small Magellanic Cloud is also visible just above the horizon on the left.

Eta Aquarid meteor piercing through cloud and left behind a red smoke trail that lasted for over 10mins. Taken in Mt. Bromo 8hrs ago. [pic.twitter.com/WtFI9TGRbj](https://pic.twitter.com/WtFI9TGRbj)

— Justin Ng (@justinngphoto) [May 6, 2017](#)

Persistent trains occur when a meteoroid blasts through the air, ionizes gases in our atmosphere. Until recently, these have been difficult to study because they are rather elusive. But lately, with the widespread

availability of ultra-fast lenses and highly sensitive cameras, capturing these trains is becoming more common, much to the delight of astrophotography fans.

Mount Bromo, 2,329 meters (7600 ft.) high is an active volcano in East Java, Indonesia.

Source: [Universe Today](#)

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