

MAAP #55: New 2017 “Hurricane Winds” in Peruvian Amazon

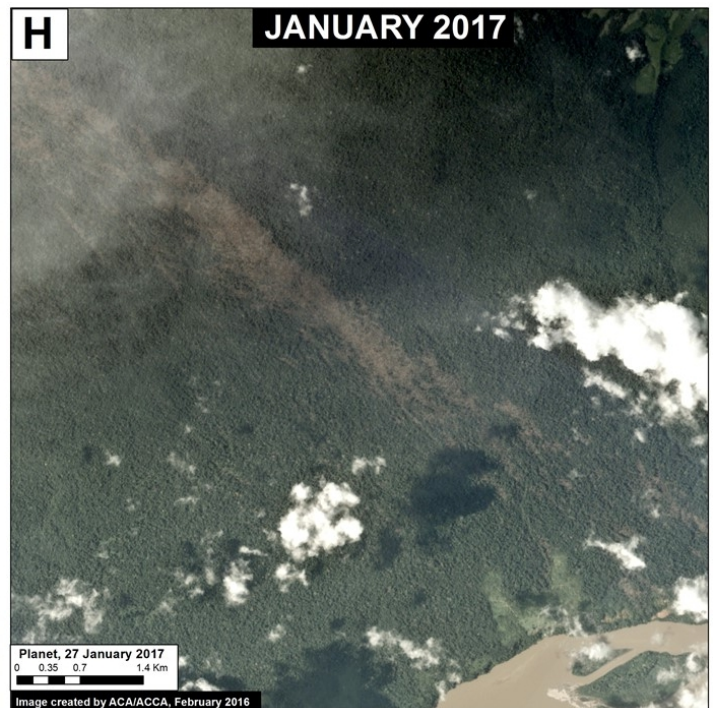
March 28, 2017

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In the previous MAAP #54 (<https://www.maaprogram.org/2017/blowdown/>), we described the phenomenon of natural forest loss due to “**hurricane winds**,” showing several examples from 2016 in the Peruvian Amazon. Strong winds from these localized storms can knock down hundreds of acres of forest at a time.

In January 2017, GLAD tree loss alerts (<http://glad.geog.umd.edu/alarm/openlayers.html>) indicated two new hurricane wind events in the southern Peruvian Amazon (Madre de Dios region). Below, we show high-resolution images of these cases. The first is a large hurricane wind event that knocked down 780 acres (Image 55a). The second is an event of 185 acres that took place within a forestry concession (Image 55b).



([https://www.maaprogram.org/wp-](https://www.maaprogram.org/wp-content/uploads/2017/02/MAAPD_Perdida_Naturales_H_2017_m_v1_en-e1488825211616.jpg)

[content/uploads/2017/02/MAAPD_Perdida_Naturales_H_2017_m_v1_en-e1488825211616.jpg](https://www.maaprogram.org/wp-content/uploads/2017/02/MAAPD_Perdida_Naturales_H_2017_m_v1_en-e1488825211616.jpg))

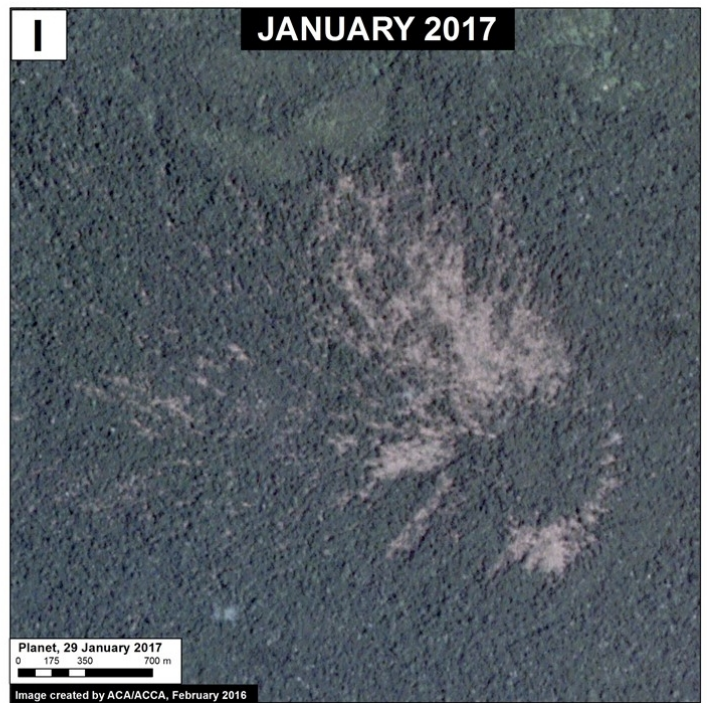
Franklin W. donated \$50 🎉

to Fighting Amazon Fires

🇺🇸 Pennington, United States

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Data: Planet

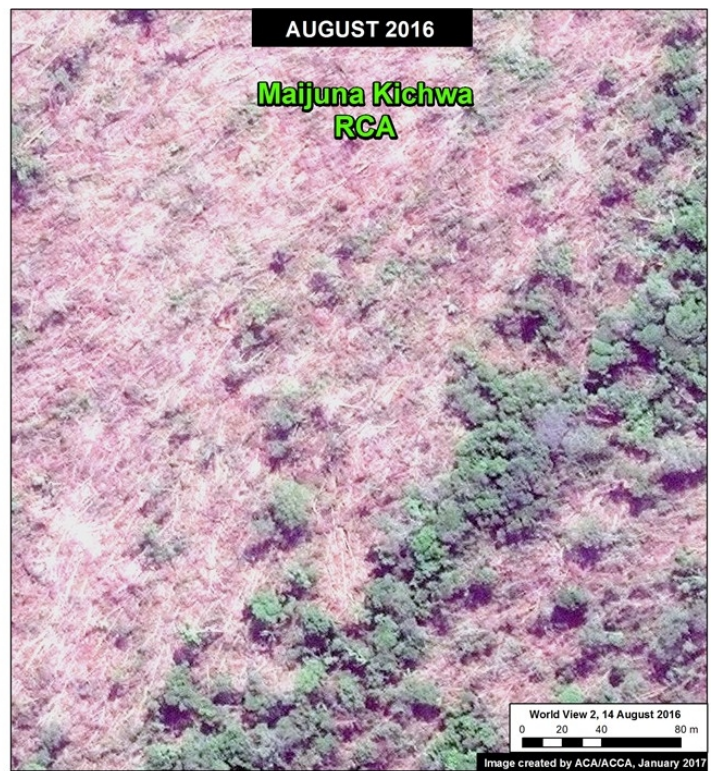


(https://www.maaprogram.org/wp-content/uploads/2017/02/MAAP_Perdi_Naturales_I_2017_m_v1_en-e1488825250966.jpg)

Image 55b: Data: Planet

Very High Resolution View

We also show a new **very high resolution image** (0.5 meters) of one of the hurricane wind events in 2016 in the Loreto region (example B of MAAP #54 (<https://www.maaprogram.org/2017/blowdown/>)). Image 55c shows the following pattern: fan-shaped pattern of forest loss with a defined orientation following the direction of the storm winds. It is worth mentioning that this event occurred within a protected area, Maijuna-Kichwa Regional Conservation Area.



(https://www.maaprogram.org/wp-content/uploads/2017/02/MAAP_Perdi_Naturales_B2_2017_m_v1_en-e1488825293178.jpg)

Image 55c. Data: Digital Globe (Nextview)

Reference

Planet Team (2017). Planet Application Program Interface: In Space for Life on Earth. San Francisco, CA. <https://api.planet.com> (<https://api.planet.com/>)

Citation

Finer M, Novoa S (2017) New 2017 “Hurricane Winds” in Peruvian Amazon. MAAP: 55.
