

3 satellites see eruption of Puyehue-Cordon volcano from space

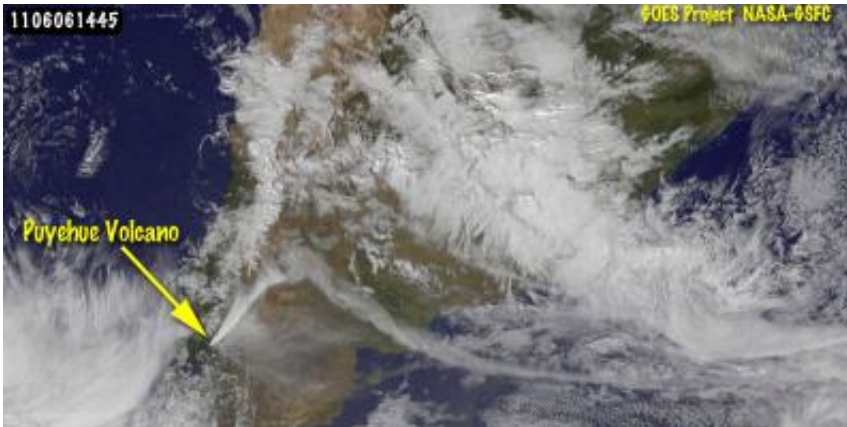
June 6 2011



GOES-11 satellite image, taken on June 6 at 0900 UTC (5 a.m. EDT) from the farthest vantage point of any of the satellites, still showed the triangular-shaped plume, even from its position over the western US, despite the large distance. Credit: NASA/NOAA GOES Project, Dennis Chesters

NASA's Terra Satellite, the GOES-13 and GOES-11 satellites all captured images of the ash plume from southern Chile's Puyehue-Cordón Volcano this week. The volcano is located in Puyehue National Park in the Andes of Ranco Province of Chile.

The [Terra satellite](#) flew over the volcano on June 6 at 14:25 UTC (10:25 a.m. EDT). The Moderate Resolution Imaging Spectroradiometer (MODIS) instrument captured a visible image of the eruption that showed the large ash plume blowing northeast, then to the southeast and over the Atlantic Ocean. The [ash plume](#) went at least as high as six miles on June 4 when it erupted, according to CNN International. Some 3,500 people were evacuated.



This image of the eruption of the Puyehue-Cordón Caulle volcano (left center), Chile was captured by the GOES-13 Satellite on June 6 at 14:45 UTC (10:45 a.m. EDT). The plume is blowing northeast, then turns toward the southeast and over the Atlantic Ocean. Credit: NASA/NOAA GOES Project, Dennis Chesters

The Geostationary Operational Environmental Satellites called GOES-13 and GOES-11 also captured images of the volcano from a different vantage point in space that revealed the plume was visible from even farther away.

GOES-13 monitors the eastern U.S. and the Atlantic Ocean, while GOES-11 monitors the western U.S. and eastern Pacific Ocean. The GOES-11 [satellite](#) image, taken from the farthest vantage point of any of the satellites, still showed the triangular-shaped plume, even from its position over the western U.S., despite the large distance.

Provided by NASA's Goddard Space Flight Center

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