Reaction Journal 4

“Extraterrestrial Volcano”

May 30, 2014

It is widely known that Mt. Everest is the highest mountain on the earth. However, do you know the highest “volcano”? It’s Ojos del Salado, which is located on the border between the Republic of Argentina and the Republic of Chile. Its height is 6,893m and the last volcanic activity occurred about 1,300 years ago.

By the way, do you know there is a higher volcano when we look beyond our planet? The volcano is located in the northern hemisphere of Mars and is called Olympus. Its height is about 25,000m, three times as high as Mt. Everest! Furthermore, it is the highest mountain in the solar system. The diameter of its caldera is between 60km to 80km and the depth is about 3.2km, meaning Mt. Fuji could be put inside it!

Mt. Fuji’s last intense activity was the “Hoei eruption”, which occurred in 1707 and deposited four centimeters of volcanic ash on Edo, old Tokyo. In contrast, it is about ten million years ago that Mt. Olympus was last active.

Knowing the magnificence of the volcano Olympus, you’re probably feeling Mt. Fuji’s volcanic activity very tiny, aren’t you?

(183 Words)