

## About the shape of high altitude luminescence phenomenon "Elves"

\*Ayana Osaki<sup>1</sup>, Masaki Mitumori<sup>1</sup>, \*Rei Kitamura<sup>1</sup>, \*Yuya Sasaki<sup>1</sup>

1. Prefectural Kochi Ozu High School

We are studying about the Transient luminous event. It is a light emission phenomenon occurring with lightning in the middle zone. We are studying about Elves in particular. This time we thought that Elves had a thickness. First, a model was created based on the image of photographed Elves. Next, the thickness of the Elves was judged by comparing the image with the model.