About the shape of high altitude luminescence phenomenon "Elves"

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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.