

Investigation of aerosols and ice nucleus

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We tried to observe aerosols that require the specialized resarch facility if they are tiny ones, in which snow and hail that their bigger nucleus could been seen.

First, we sampled snow it lay in Tokyo, on January 22, 2018 the column shape and made preparation each snow depth. We observed it with naked eyes and microscope and investigated types and numbers of aerosols that formed ice nucleus.

Second,we picked hail that was observed locally around our school(near Komagome) on July 18,2017 and we investigated types and numbers of aerosols that formed ice nucleus in a piece of hail.

Finally,we compared the results of snow and hail observation with weather data, and tried to observe more objectively.

Keywords: aerosol, ice nucleur, hail

