

Abstract

The aim of this bachelor thesis is to try to answer the question whether the rime can have significant contribution to atmospheric deposition by researching available literature. Atmospheric deposition is a process which transmits substances from the atmosphere to the earth's surface. One of its components is a sedimentary deposition (fog, frost, rime). Rime does not occur throughout the whole year, and its formation is dependent upon frequently changing factors. Yet it can be shown that the concentration of substances in rime may exceed or at least occupy a significant share of atmospheric deposition in certain locations under favorable period for its emergence.

Key words: Atmospheric deposition, rime