

VAISALA LIGHTNING DATA RESEARCH POLICY

I. Overview

Vaisala is pleased to receive requests for lightning data for research use. The following policy must be followed and adhered to for all requests to ensure proper use of Vaisala lightning data. This policy is subject to change. This revision is effective as of November 1, 2009.

II. Basic Objectives

Vaisala desires to support research that will lead directly to a better understanding of lightning phenomena and/or to new applications of lightning data. Vaisala is particularly interested in lightning research that addresses the following application topics:

- Meteorological applications
- Airport applications
- Defense applications
- Wind Energy applications
- Road applications
- Power Utility applications
- Forestry applications
- Insurance applications

However, Vaisala research support is not limited to these application areas.

III. Price

Most lightning data research requests automatically qualify for a research-related discount. To qualify for free data, the lightning data requested should not exceed a time period of five years from the date of the request and should not exceed an area greater than 700,000 square kilometers. Typically, these free data are provided so that the investigator can produce materials to support grant proposals, or for the occasional student project. The investigator is urged to include the cost of lightning data (at the research-related discount price) in any future grant proposals.

IV. Conditions of the offer

- The investigator(s) must submit an abstract describing their use of the data, and the

applicability of their results. Vaisala's Development Center for Meteorology must approve the scientific objectives.

- The abstract will be reviewed and approved or declined by the Development Center for Meteorology within two weeks. Delivery of data depends on the scope of the project and the current turnaround schedule of the Vaisala Observation Services group.
- Lightning data supplied by Vaisala may not be used for direct comparisons with other lightning detection networks, unless approved by the Development Center for Meteorology. This is to ensure proper lightning data interpretation, proper analysis techniques and the appropriateness of the lightning dataset to be used in comparisons.
- Prior to submission of any publication employing data provided under this policy, Vaisala must be given the opportunity to look over elements of the manuscript related to Vaisala data for technical accuracy. Vaisala will also be open to assisting the authors by providing additional technical details if so desired by both Vaisala and the authors. Vaisala must be acknowledged as the source of the information and data.
- There can be no proprietary or commercial restrictions on the research results, and the investigator(s) must be directly associated with an academic or research organization.
- Archival of the data is allowed, but the data will not be shared with or sold to another party without Vaisala's expressed permission.

I have read and understand Vaisala's lightning data research policy and agree to its terms and conditions:

Date: _____

Investigator: _____

Company/Org. _____

Address: _____

Phone: _____

Email: _____

Accepted by:

Date: _____

Name: _____

Signature: _____

Development Center for Meteorology