This bibliography includes all published papers on real-time lightning mapping systems. It includes papers beginning in the 1970s describing the methodology that led directly to network instrumentation. It also includes published studies on applications of lightning data from detection networks, and network performance studies. Many informal publications will not be readily accessible; however, they give the flow of ideas and studies that occurred.

A bibliography by year is also available where papers are separated into formal and informal categories. Note that the difference between preprints, proceedings, and postprints is often difficult to identify. One-page posters are not usually included.

To be included in the bibliographies, references need the following features:
• Networks of 2 or more antennas.
• Networks can be used in real time for weather information, services to utilities, forest fire protection, or similar operations.
• References usually include a figure or table containing network-derived lightning data.
• An activity must be performed with lightning network detection data beyond mentioning their existence.

This listing organizes papers by author. Within an author’s list of publications, papers are ordered by year, then by number and names of co-authors, then by titles of papers.

Letters in brackets at the end of each entry indicate the main topic(s) of the publication. Separate lists of the following are available for each topic on request:

A Aviation
C Climatology
E Medical/Safety
F Fire weather
G Geophysics
I Instrumentation
M Meteorology
N NOx
S Satellite
T Total lightning
V Severe weather
U Utility
W Winter

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List by year of formal and informal papers referencing real-time lightning detection systems.

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