

ALPHABETICAL BIBLIOGRAPHY ON REAL-TIME LIGHTNING DETECTION NETWORKS

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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 NO_x
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.

Year	Formal	Informal	Total
1976	2	0	2
1977	0	1	1
1978	0	1	1
1979	2	3	5
1980	2	4	6
1981	0	1	1
1982	5	7	12
1983	1	16	17
1984	4	18	22
1985	2	20	22
1986	12	11	23
1987	13	13	26
1988	13	39	52
1989	20	45	65
1990	17	38	55
1991	15	35	50
1992	12	37	49
1993	17	25	42
1994	28	34	62
1995	13	37	50
1996	27	94	121
1997	19	39	58
1998	26	68	94
1999	26	74	100
2000	22	92	114
2001	24	37	61
2002	26	102	128
2003	32	88	120
2004	30	104	134
2005	45	109	154
2006	37	146	183
2007	47	112	159
2008	50	165	215
2009	67	47	114
2010	45	87	132
2011	40	146	186
2012	42	111	153
2013	26	12	38
Total	854	2131	2984



A

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