

operational applications of high accuracy lighting data

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Lightning data has long benefited from high resolution measurement, typically giving location accuracy better than 1km and time resolution in the millisecond range. Lightning products can be available in continuous real time data flows or as images updated every minute.

Those characteristics, linked to the very nature of the flash discharge, are key to some application of lightning data in operational conditions.

The presentation will demonstrate the importance of those characteristics in fields ranging from power line management, to airport operation or outdoor activity risk handling. We will show how high resolution contributes to make lightning data a complement to other available meteorological information.