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- The subject of this study is the Fireball event that occurred on the night of November 24 to 25, 2022 in Northern Dellys.
- The acoustic event's fragmentation position was localized using the travel time method, a technique that was employed at four seismic stations that recorded the acoustic event.
- Meteorological data were utilized to estimate the atmospheric model and to accurately determine the travel times of the acoustic wave.
- The energy of the fragmentation was estimated using infrasound signals.

