

UK Meteor Beacon Project – Perseids 2024 update

With the upcoming Perseids this August we aim to maintain the live stream on our web site at <https://ukmeteorbeacon.org/beaconclient/24/7>. During this time, we will provide an additional stream which has greater bandwidth and includes sound. This can be viewed at <https://batc.org.uk/live/gb3mba>.

Individuals or societies observing the Perseids will find these live streams of radio echoes a useful addition to their optical observations. The radio echoes can be viewed by day and night and in all weather conditions.

Background

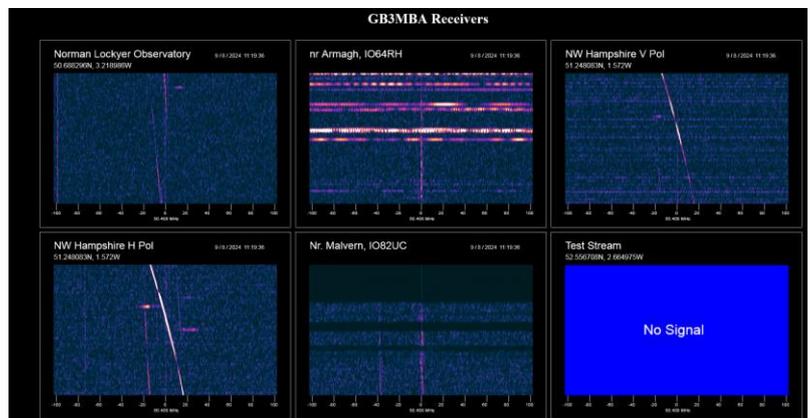
The UK Meteor Beacon has been operational since May 2022 enabling anyone with a suitable receiver to detect and study radio echoes from meteors entering the earth's atmosphere over a large part of the UK.

The Beacon Transmitter is located at the Sherwood Observatory of the Mansfield and Sutton Astronomical Society.



The second phase of this project has been to establish a network of strategically placed receivers accessible via the internet for anyone to study meteors without the need for their own dedicated receiver. "The UK Meteor Radar Project" is essentially a Bi-Static radar to study meteors.

Receivers in the network stream their data to a central server where users can access up to 6 receivers simultaneously and can be found via <https://ukmeteorbeacon.org/beaconclient/>.



Details of how to use the display can be found at the project web site:-

<https://ukmeteorbeacon.org/Home> see "Observing GB3MBA" and the live displays are explained at <https://ukmeteorbeacon.org/Documents2List>. Select "Using the Live Streams".

