

RAMBo radio observations

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An overview of the radio observations by RAMBo Meteor Group for the months October and December 2016 is presented.

1 Two meteors shower on 31 oct

RAMBo has registered two showers on 31/10/2016. In the graphs you can see the 283 OPL pi Leonids and the 525 ICY iota Cygnids.

Both with low HR, but the mass index rise is well observable (See *Figure 1*).

2 Geminids 2016

We can see two days of activity: the 13 and the 14 December. What is relevant is a twenty minute of “heavy bombing” at 262,950 of solar longitude, in which the HR

remains low but the mass index increased a lot. This was just before the expected forecast of the 68 Geminids shower (610 SGM), (See *Figures 2-3*).

3 Strong Ursids activity in 2016

This year RAMBo has recorded a strong Ursid activity. In *Figure 3* you can see that the maximum started at 270,800 of solar longitude. The first graph shows the mass behavior, the second one (red) shows the Hourly Rate.

More information on our web site www.ramboms.com.

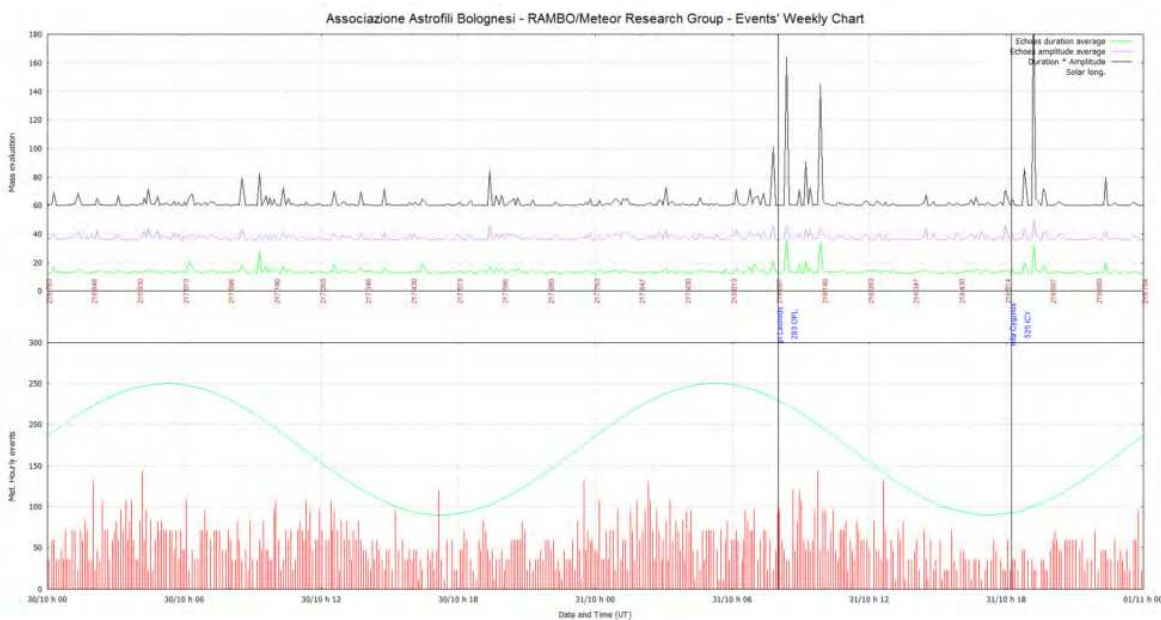


Figure 1 – Two meteors shower on 31 oct.

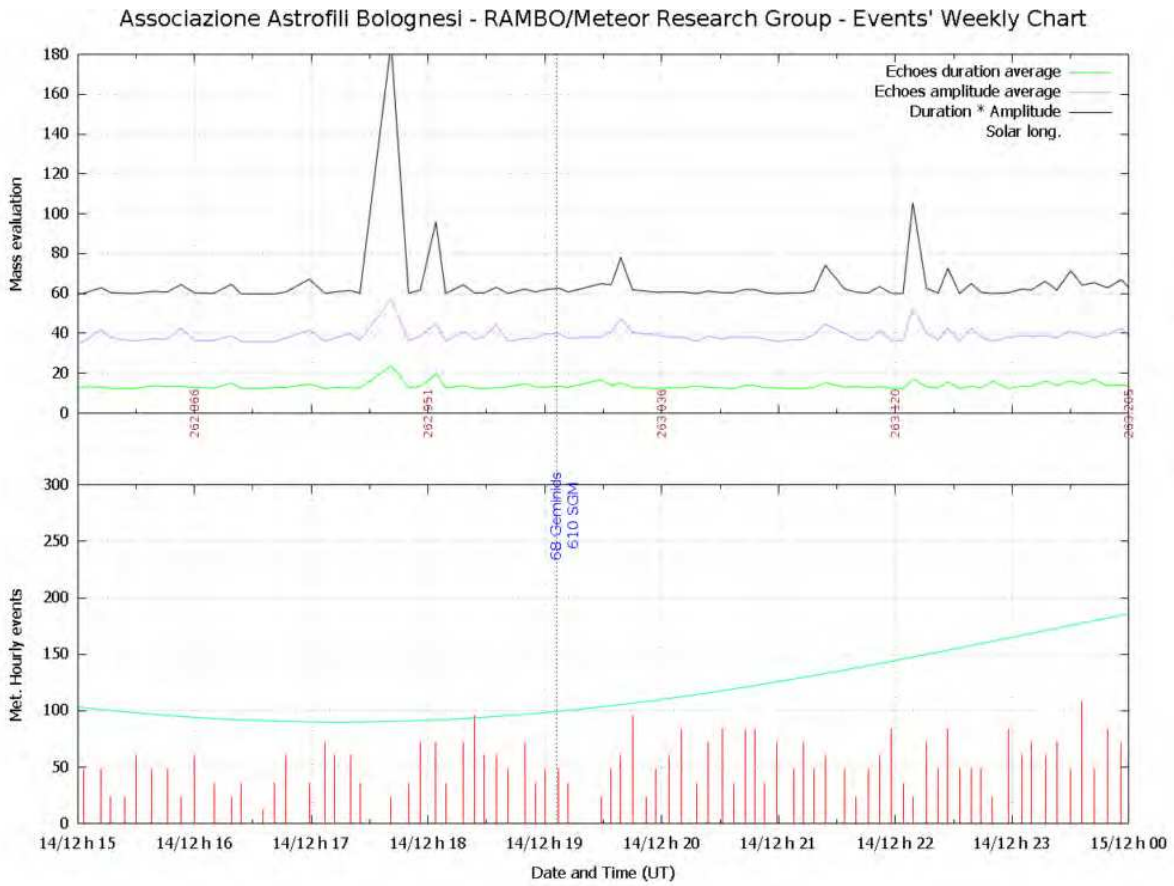
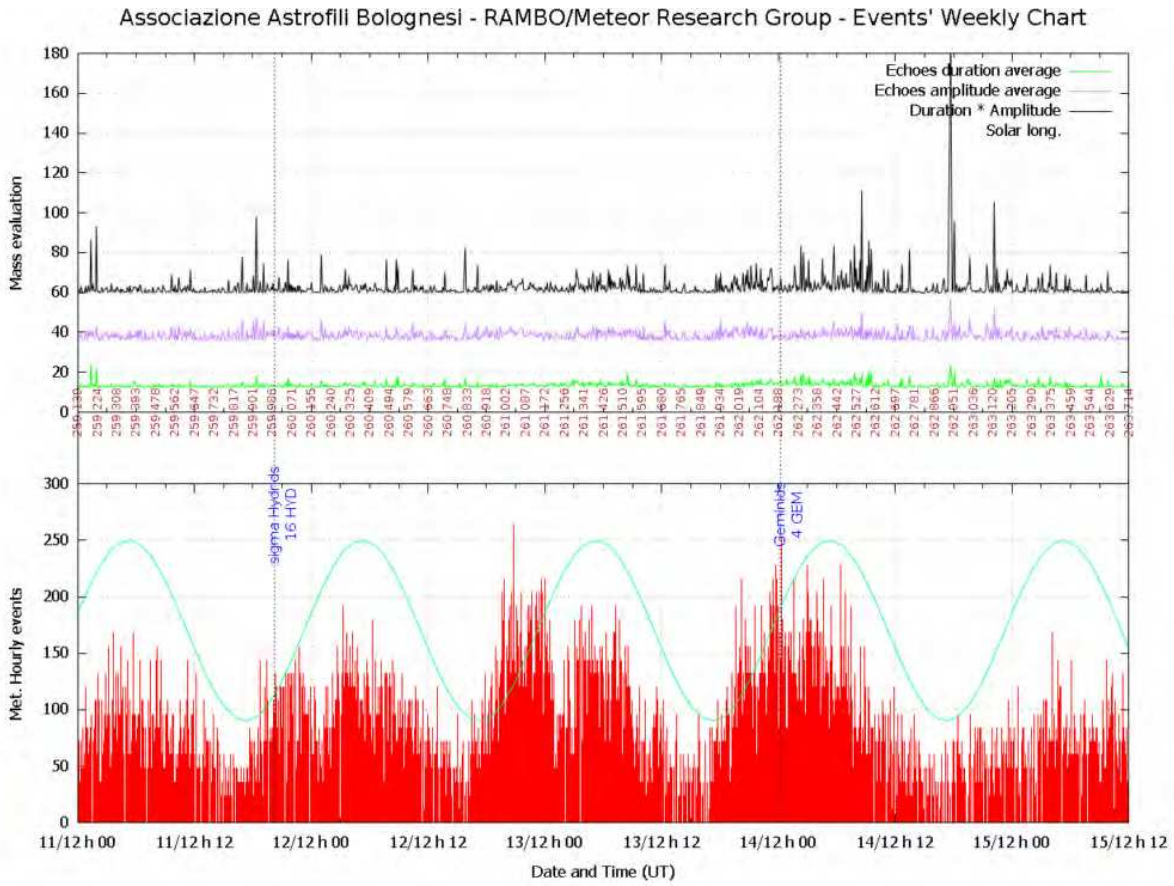


Figure 2 – Geminids 2016.

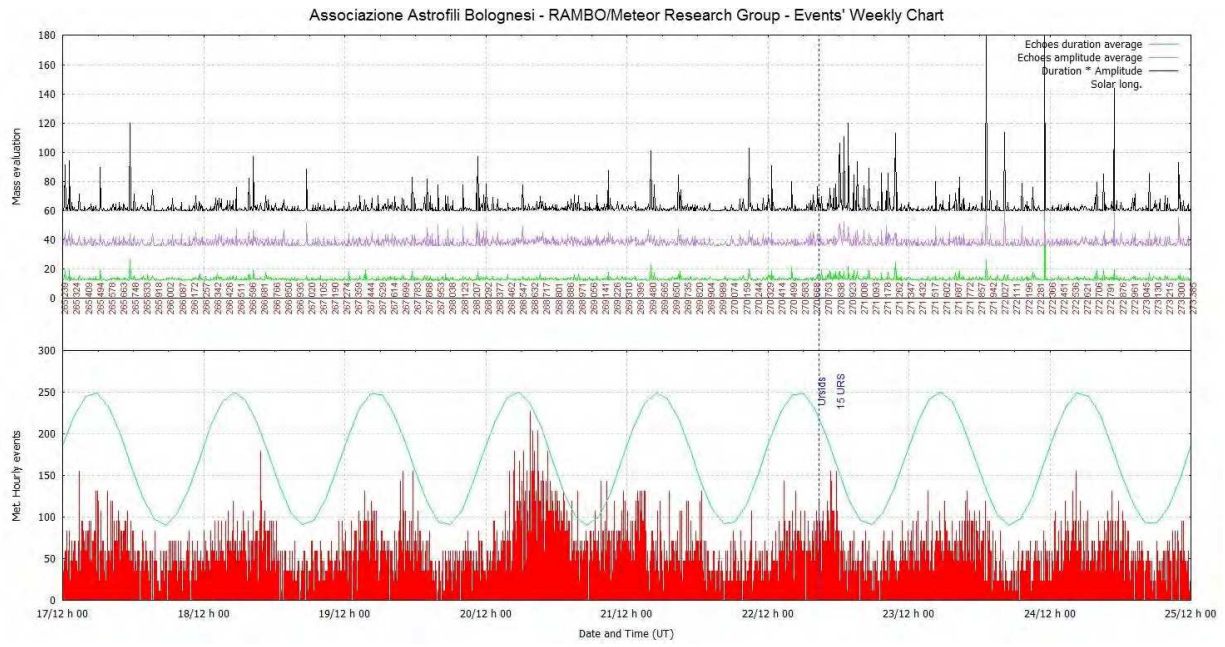


Figure 3 – Ursids 2016.