

2016 Ursids

IAU Code: 015 URS

Parent body: 8P/Tuttle

Velocity: 33 Km/s

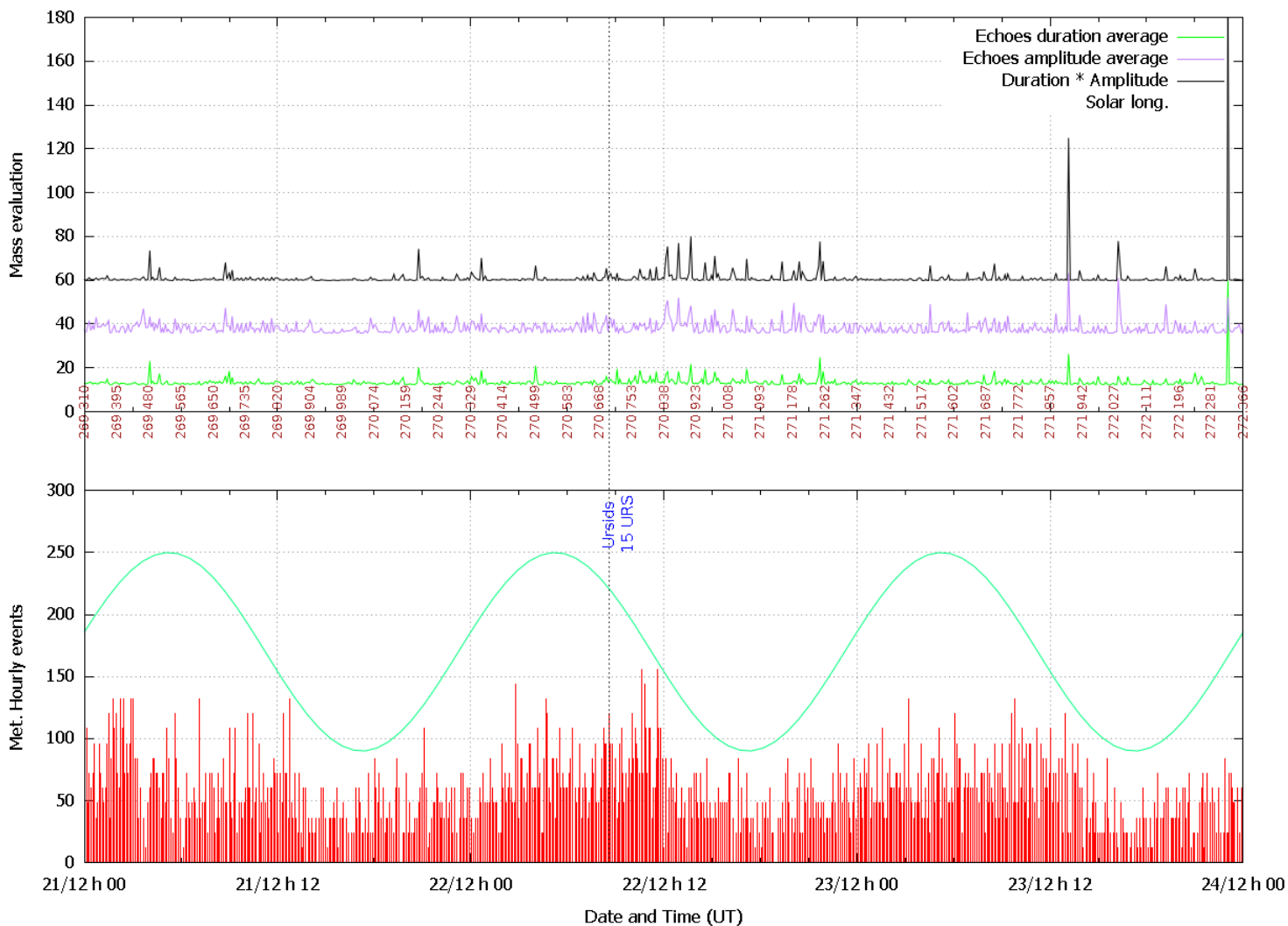
Maximum Forecast: December 22 08:39 UT (Solar long: 270.7)

In Bologna, at that time, the expected radiant height above the horizon was 57°

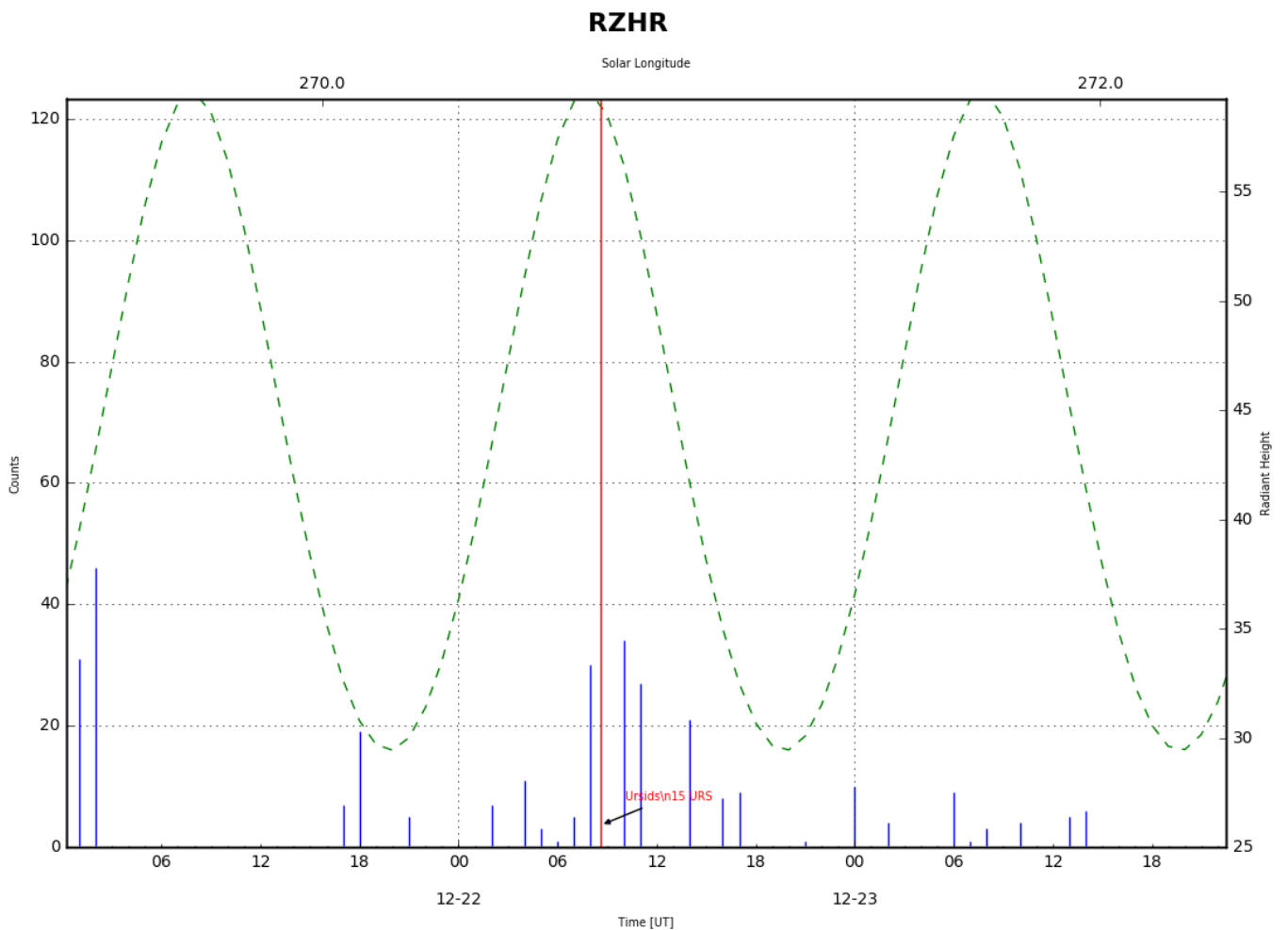
This year RAMBO has recorded a strong Ursid activity (RZHR = 35).

In the follow graphic, you can see that the maximum started at 270,800 of solar longitude.

Associazione Astrofili Bolognesi - RAMBO/Meteor Research Group - Events' Weekly Chart



The upper graph shows the mass behavior: where the green line represents the echoes duration, the purple line the echoes amplitude and the black line the product of both. The bottom one (red) shows the Hourly Rate.



The RZHR graph shows the hourly rate correct by the background subtraction and the radiant height over the horizon.
 The green dotted line represent the radiant height over the horizon, the red ones the shower maximum forecast.



Site: Bologna, Italia (Long. 11.34, Lat. 44.49)
 Frequency: 143 MHz
 Transmitter: Graves, France
 Receiver: Yaesu FT-897
 Data logged by Arduino Yun

More information at www.ramboms.com