

Middle and upper atmosphere radar head echo observation of the outburst of the 2012 Oct. Draconids

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Strong activity of the 2012 October Draconid meteor shower was observed on October 8 in Japan. We carried out a radar head echo observation with the Middle and Upper atmosphere (MU) radar, Shigaraki, Japan. The peak activity was around 16.5h (UT). The mean geocentric radiant around the peak time (13–19 UT), was RA = 262.6, Dec = +54.7 (degree, epoch J2000.0). In this presentation, we show the comparison with the result of the MU radar head-echo observation of 2011 Draconid shower (Kero et. al. 2012).

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References: Kero J., Fujiwara Y., Abo M., Szasz C., Nakamura T., 2012, MNRAS, 424, 1799.