

## **Effect of Solar Eclipse on Schumann Resonance**

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Effect of Solar Eclipse on characteristics of Schumann Resonance (SR) was studied using magnetic field variation data collected in umbral and penumbral regions during two recent eclipse days i.e. July 22, 2009 and January 15, 2010. Though Schumann resonance is controlled by global lightning occurrence, the effect of eclipse was clearly marked as significant decrease in SR amplitude. The amount of decrease was much larger than that accounted by day-night asymmetry. Observations bring out the effect of local atmospheric parameters of observational site riding over the global SR characteristics.