

SROSS C & C2

1. **K. Kasturirangan et al:** Observations from the gamma-ray burst experiment onboard the SROSS-C satellite, *Astron. Astrophys.*, **283**, 435-440 (1994)
2. **T.M.K.Marar et al:** The gamma-ray burst experiment onboard the SROSS-C satellite, *Astron. Astrophys.*, **283**, 698-704 (1994)
3. **V.N.Padmini, Bull:** Preliminary results from the gamma ray burst experiment onboard the SROSS-C2 satellite, *Astr. Soc. India* (1995)
4. **K. Kasturirangan et al:** Recent gamma-ray burst observations from the SROSS-C2 satellite, *Astron. Astrophys.* **322**, 778-784 (1997)
5. **Srikanth Sinha, Mon. Not. R:** Timing accuracy of the SROSS C2 GRB experiment, *Astron Soc.* **364**, 1211-1218 (2005)
6. **S. Sinha et al :** SROSS C-2 Detections of Gamma Ray Bursts and the SGR 1627-41, *J. Astrophys. Astr.* (2002) **23**, 73-79
7. **S. Sinha et al :** The Gamma ray burst experiment on the Indian SROSS C2 satellite
Bull. Astr. Soc. India (2001) **29**, 505-508
8. **Aggarwal, Malini, Joshi, H. P. and Iyer, K. N:** Solar activity dependence of electron and ion temperatures using SROSS C2 RPA data and comparison with IRI model, *Journal of Atmospheric and Solar-Terrestrial Physics*, **69**, 860-874, 2007.
9. **D. K. Sharma, M. S. Khurana and Jagdish Rai:** Ionospheric heating due to solar flares as measured by SROSS-C2 satellite, *Advances in Space Research*, **48**, 12-18, 2011.
10. **P. K. Bhuyan, and Minakshi Chamua:** An empirical model of electron temperature in the Indian topside ionosphere for solar minimum based on SROSS C2 RPA data, *Advances in Space Research* , **37**, 897-902, 2006.
11. **K. Niranjan, H.S. Sridhar, P.V.S. Rama Rao, S.C. Garg and P. Subrahmanyam:** Evening enhancements in F-region electron temperature at subtropical latitudes during June solstice in the Indian SROSS C2 RPA data, *Journal of Atmospheric and Solar-Terrestrial Physics*, **65**, 813-819, 2003.
12. **D. K. Sharma, J. Rai, R. Chand and M. Israil:** Effect of seismic activities on ion temperature in the F2 region of the ionosphere, *Atmósfera*, **19** ,1-7, 2006.
13. **Bhuyan P K, M. Chamua, P. Subrahmanyam and S.C. Garg:** Effect of solar activity on diurnal and seasonal variations of electron temperature measured

- by SROSS C2 over Indian low latitudes, *Advances in Space Research*, **37**, 865-891, 2006.
14. **Bhuyan P K and A. Borgohain** :Diurnal, seasonal and latitudinal variation of ion concentration as obtained from the SROSS C2 satellite over Indian low and equatorial latitudes during solar minimum, *Advances in Space Research*, **37**, 919-927, 2006.
 15. **P. Subrahmanyam, A. R. Jain, H. K. Maini, M. Bahl, Rupesh M. Das, S. C. Garg and K. Niranjana** : Evaluation of the ion-density measurements by the Indian satellite SROSS-C2, *Radio science*, **45**, 2010.
 16. **A. Paul, S. Ray, A. Das Gupta, and S. C. Garg**:First in situ observations of equatorial ionospheric bubbles by Indian satellite SROSS-C2 and simultaneous multisatellite scintillations, *Radioscience*, **37**, 1087-1094, 2002.
 17. **S. R. Prabhakaran Nayar, L. T. Alexander, V. N. Radhika, T. John, P. Subrahmanyam, P. Chopra, M. Bahl, H. K. Maini, V. Singh, D. Singh, and S. C. Garg**:Observation of periodic fluctuations in electron and ion temperatures at the low-latitude upper ionosphere by SROSS-C2, *Annales Geophysicae*, **22**, 1665-1674, 2004.
 18. **D. K. Sharma, J. Rai, M. Israil, P. Subrahmanyam, P. Chopra, and S. C. Garg**:Enhancement in electron and ion temperatures due to solar flares as measured by SROSS-C2 satellite, *Annales Geophysicae*, **22**, 2047-2052, 2004.
 19. **P. Subrahmanyam, A. R. Jain, L. Singh, and S. C. Garg**:Role of neutral wind and storm time electric fields inferred from the storm time ionization distribution at low latitudes: in-situ measurements by Indian satellite SROSS-C2, *Annales Geophysicae*, **23**, 3289-3299, 2005.
 20. **A. Borgohain and P. K. Bhuyan**:Effect of solar cycle on topside ion temperature measured by SROSS C2 and ROCSAT 1 over the Indian equatorial and low latitudes, *Annales Geophysicae*, **30**, 1645-1654, 2012.
 21. **A. Borgohain and P. K. Bhuyan** :Solar cycle variation of ion densities measured by SROSS C2 and FORMOSAT 1 over Indian low and equatorial latitudes, *Journal of Geophysical Research*, **115**, doi:10.1029/2009JA014424,2010.
 22. **D.K. Sharma, P.K.Sharma, J.Rai and S.C.Garg**:Effect of Solar activity on ionospheric temperature in F2 region, *Indian Journal of Radio and Space Physics*, **37**, 319-325, 2008.
 23. **N.Maheshwari, D.K.Sharma, M.S.Khurana and J.Rai** :Ionospheric ion density variation in the low and mid latitude ionosphere: Possible connection with earthquake, *Indian Journal of Radio and Space Physics*, **39**, 353-358, 2010.

24. **D. K. Sharma, J. Rai, R. Chand and M. Israil:** Effect of seismic activities on ion temperature in the F2 region of the ionosphere, *Atmósfera*, **19**, 1-7, 2006.