

Equatorial Vertical Plasma Drifts from ROCSAT During Low Solar Flux Periods

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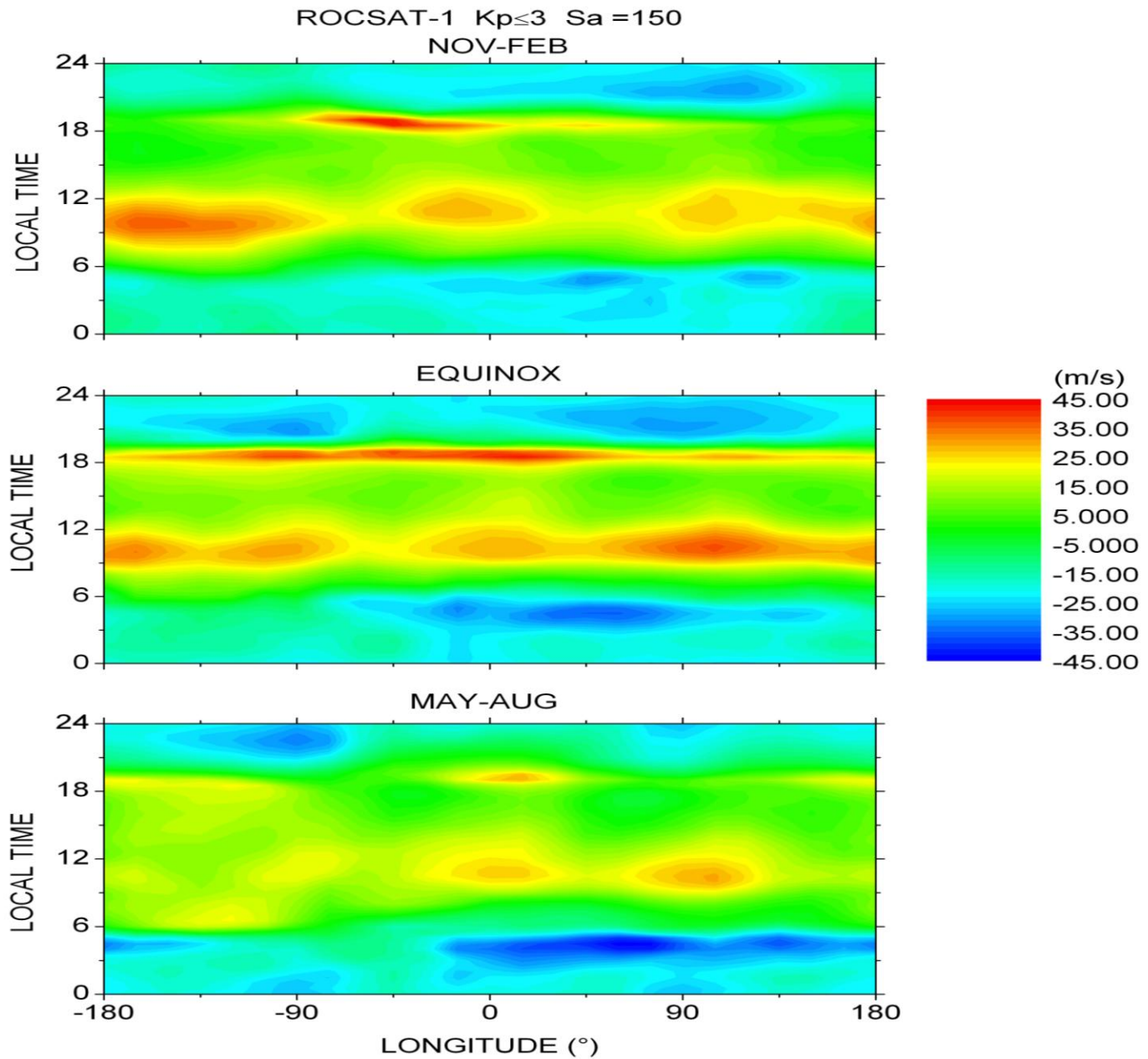
CEDAR Meeting

Santa Fe

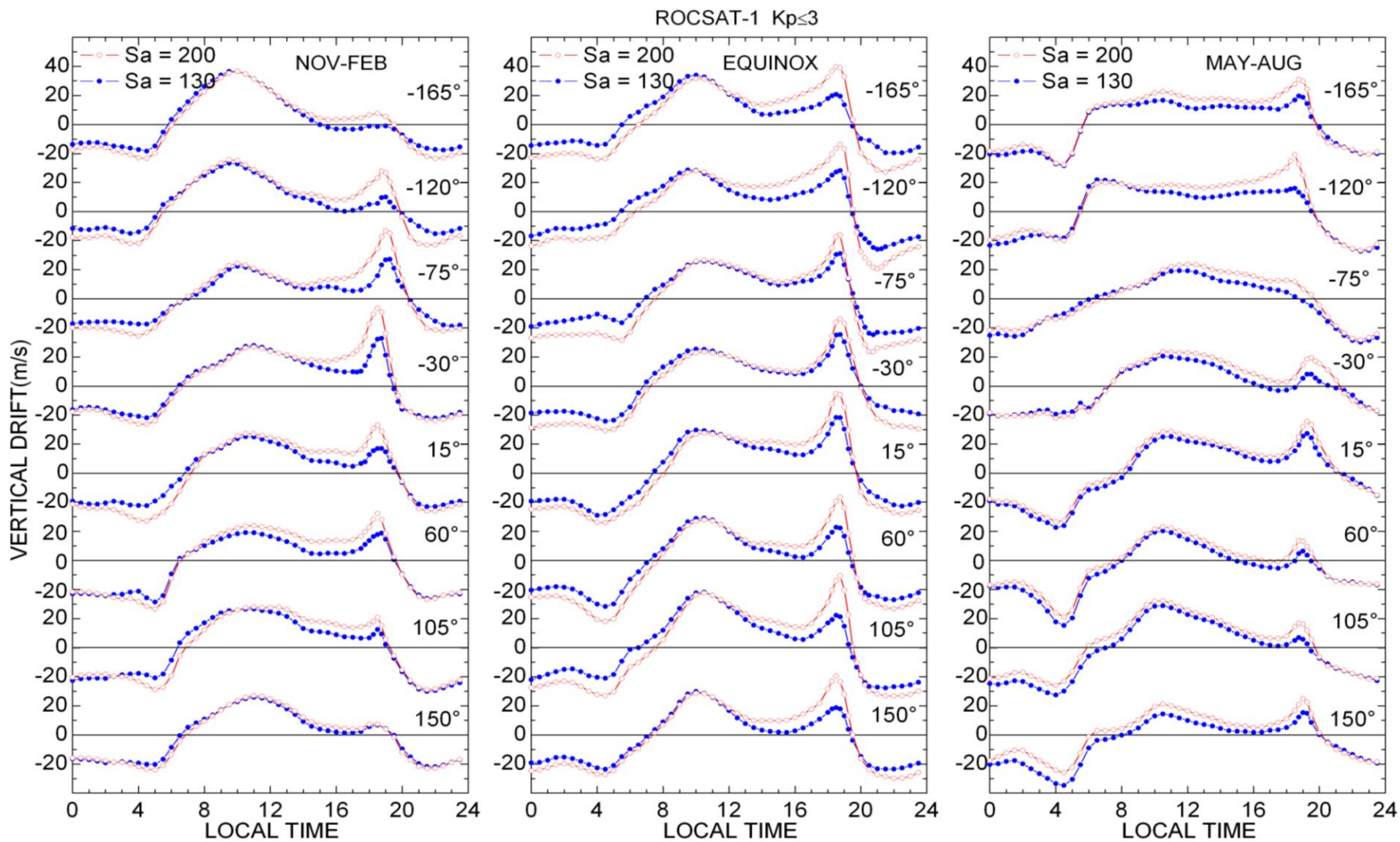
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Outline

1. Introduction
2. Solar Flux Dependence of ROCSAT Vertical Drifts
3. Low Solar Flux Vertical Drift Patterns.
4. Jicamarca Climatological Zonal Drifts
5. Summary

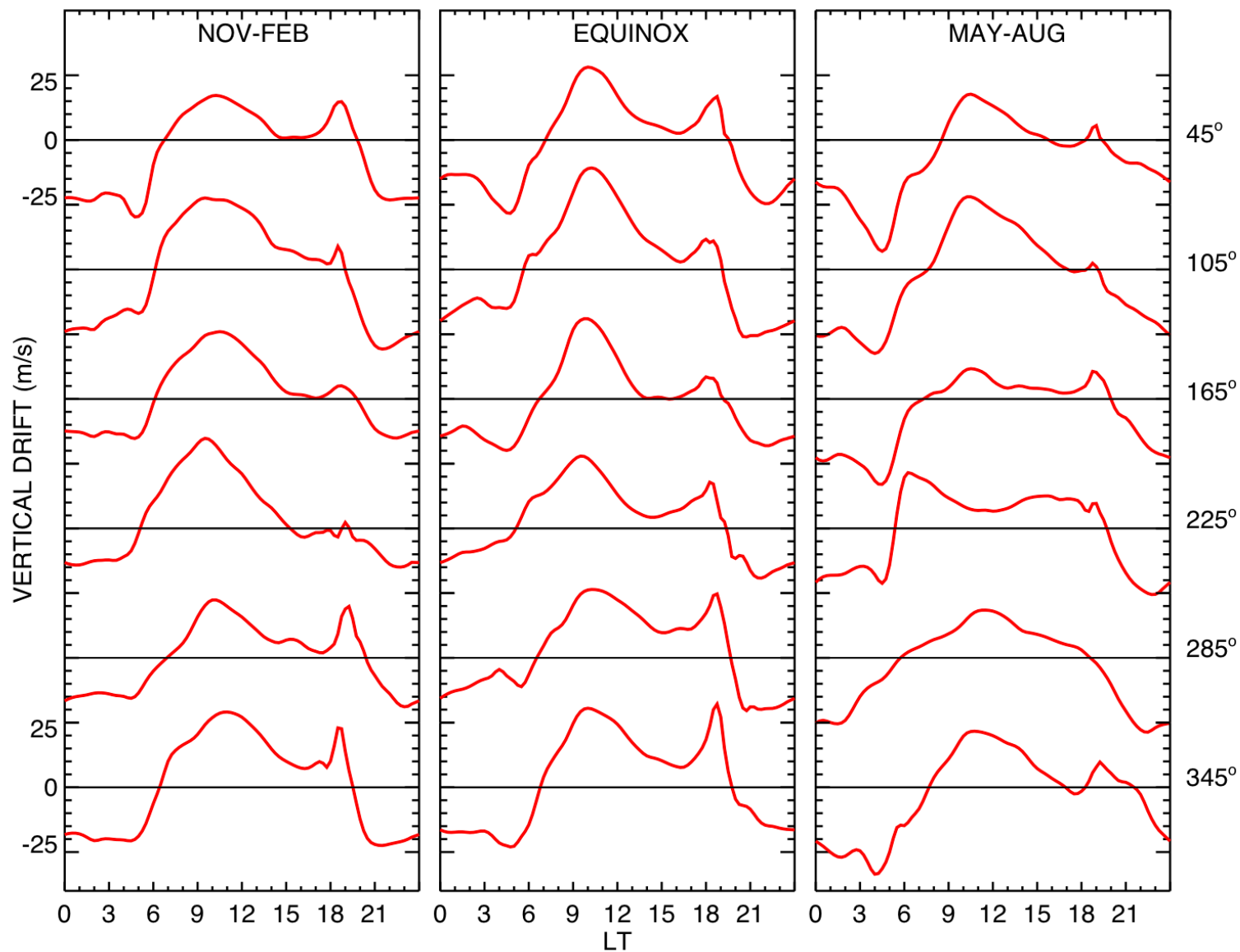


[*Fejer et al., 2008*]

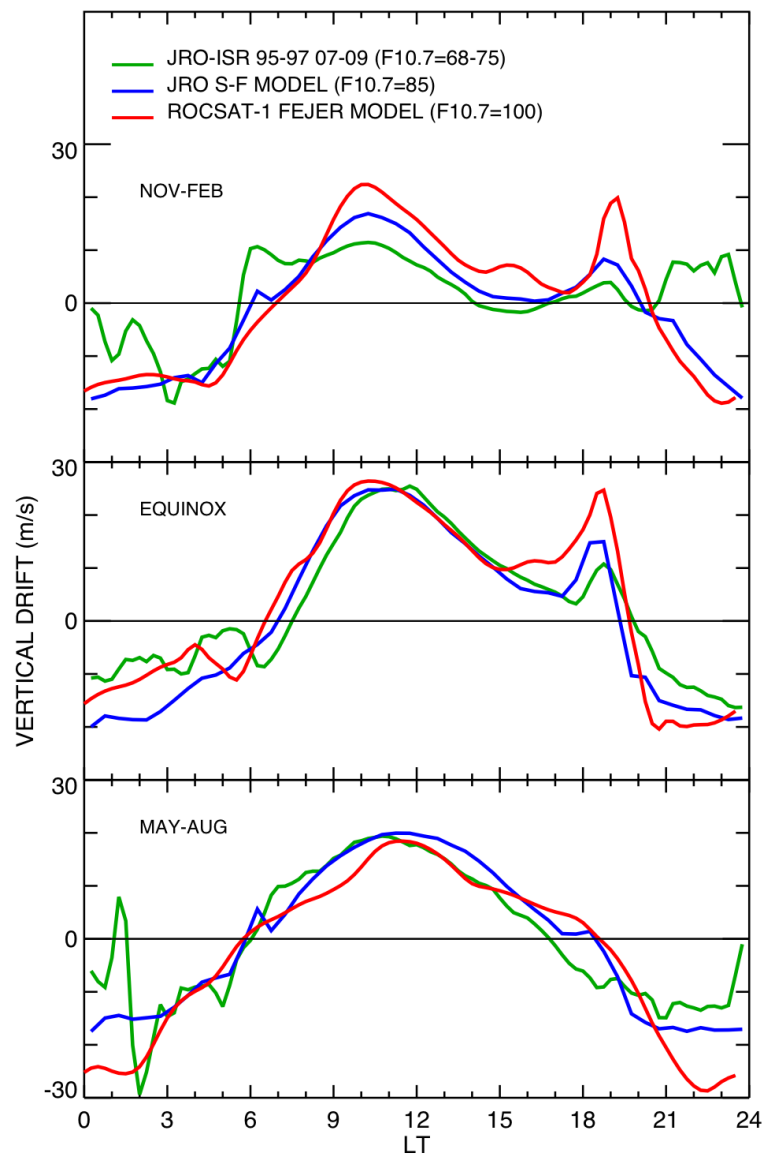


[Fejer et al., 2008]

ROCSAT-1 (F10.7=100)

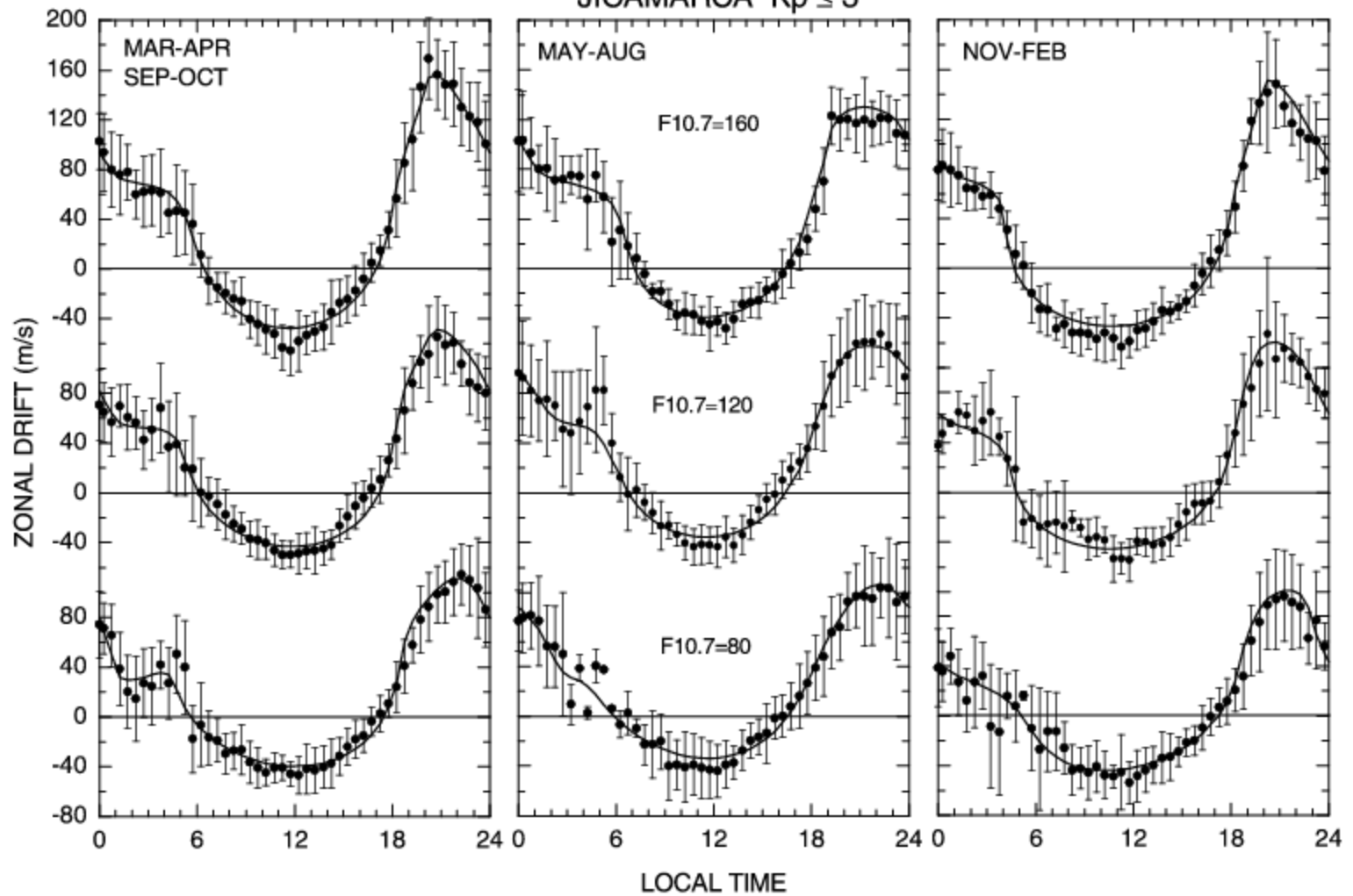


ROCSAT-1 JRO



Jicamarca F-Region Zonal Drifts

JICAMARCA $K_p \leq 3$



Summary

We have presented some results from our ROCSAT vertical drift model ($F10.7 = 100-200$), and Jicamarca F-region zonal drift model. The models are readily available to the community.