

Spatial structure of the quasi-2-day wave in the ionosphere

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In the previous meeting, existence of the geomagnetic 2-day variation in low latitude of the central Pacific Ocean—south Asia was reported. Westward traveling structure was deduced from the variation in the east-west component and the zonal wave number seems to be three, which is consistent with the characteristics of the quasi-2-day wave in the middle atmosphere. We will show results of analyses using the data of the other longitudinal zone in this meeting, and a global distribution of the variation and its relation to the quasi-2-day wave will be discussed.