

## Seasonal variation of Geomagnetic Sq field (4)

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Seasonal variation of UT variationb pattern of geomagnetic Sq field was examined from the equivalent Sq current system in 1964 and 1980-1984. It was found that there are two types in the UT variation of the current intensity in the northern hemisphere. One is semi-diurnal and found from May to Sep. and the other is diurnal and found from Nov. to Feb. Such feature appears in all five years and seems to be caused by the seasonal variation of conductivity wind. This is partly due to the inaccordance of geographic and geomagnetic axes, but may be related with the seasonal variation of the current system itself.

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