

アジア・オーストラリアモンスーン地域における TRMM-LIS データを用いた気候学的発雷頻度 Climatological lightning frequency over Asian-Australian monsoon region observed by TRMM-LIS

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We explored regional and seasonal variations of climatological lightning frequency over Asian-Australian monsoon region in monthly and 10-day basis by utilizing 10-year (1998-2007) product of TRMM Lightning Imaging Sensor (LIS) data and precipitation data. Several high frequency lightning regions are detected in northeastern Pakistan and northern Bangladesh, and on the Malacca Strait. The last place is a peculiar place, since most of other high frequency areas are located over the land. There are some secondary peaks in the eastern Indochina Peninsular, southern India, and northwestern Australia. Although they are, in general, located in the relatively high precipitation areas, their peak locations and period are not exactly coincide.

キーワード: 発雷, TRMM-LIS, モンスーン, プレモンスーン

Keywords: lightning, TRMM-LIS, monsoon, pre-monsoon