

Statistics of Lightning Days on and before/after Earthquake Days in and near Japan by use of data of LIS aboard TRMM

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By using the data (December,1997-November,2003) of LIS(Lightning Imaging Sensor(NASA)) aboard TRMM satellite,the statistical analysis is conducted regarding lightning days on earthquake days and on each day during the 10 days respectively before/after earthquake days in and near Japan.

The result is as follows:

1.For the earthquake days when the maximum JMA seismic intensity scale is 2,the ratio of lightning days is the largest on the earthquake days.

2.For the earthquake days when the maximum JMA seismic intensities are 3,4,and more than 5Lower,respectively,the ratios of lightning days are respectively the largest on a day(days) before the earthquake days.