

# Comparison of the K-index observed at Kakioka, Memambetsu and Kanoya

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We investigated frequency distribution of the K-index at Kakioka, Memambetsu and Kanoya using data of 20 years from 1983. Following are the result:

1.The frequency distribution of the K-index for the whole data of 20 years is similar in general between the three observatories.

2.There is a tendency that the K-index at Kakika is evaluated lower than those at other two observatories.

3.Seasonal variation is obvious for the frequency of larger K-index, and the pattern of their monthly change is similar between the three observatories.

4.Long-term change of the sum of the K-index in a year is also similar between the three observatories.

5.Frequency distribution of the K-index changes year by year a little bit, but the pattern is similar between the three observatories.