

Asian Dust Events in Korea for Recent 100 Years

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After investigating the official methods how to observe and record the Asian Dust events as atmospheric phenomenon, data set of Asian Dust days

was constructed at 5 stations in South Korea since 1925 up to present. The large numbers of Asian Dust days appeared mainly from 1930s to early 1940s. Average

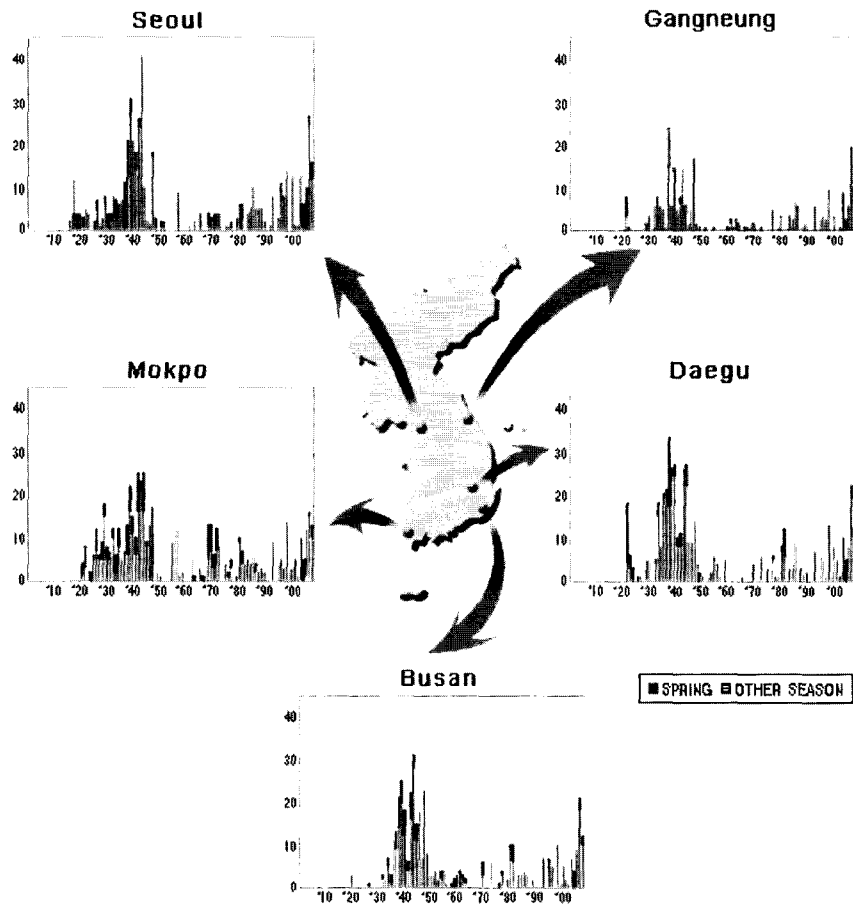


Fig. 1. Asian Dust Days recorded in 5 stations in Korea from 1915 to 2002.

numbers of Asian dust days were 5.8 in Seoul, 6.1 in Mokpo, 4.2 in Busan, 5.2 in Daegu, and 3.3 in Gangneung in a year.

Climatological normals of Asian Dust days in Seoul, Mokpo, Busan, Daegu, and Gangneung shows that the frequent occurrence was happened in December, January, and February with increasing number of days from 2~3 to 3~5 in spring. Occurrence of Asian Dust days in Seoul varies irregularly year by year. Since 1999 the Asian Dust event in January has been increasing and showing very severe intensity in 2002.

References

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