

简报

1958—2007年福海县大风天气统计分析

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摘要 对1958—2007年福海县大风天气资料进行统计分析。结果表明: 20世纪50—70年代福海县为大风天气的多发年代, 80年代开始呈明显下降趋势, 1993年之后年大风日数稳定在20d左右; 春季大风最多, 冬季最少; 大风持续时间多在0—5 h之间, 持续时间大于等于19 h的大风过程多出现在春秋季节; 大风出现月份为5—8月, 以下午机率最多, 其他月份无明显差异; 平原地区大风最多, 中低山区次之, 沙漠地区最少; 春夏季多偏西风, 秋冬季多偏东风, 且偏西风风速大于偏东风风速, 最大风速多为偏西风。

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Statistical analysis of windy weather from 1958 to 2007 at Fuhai county, Xinjiang province

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Abstract The windy weather characteristics were analyzed based on meteorological data from 1958 to 2007 at Fuhai county. The results show that the windy weather often appears from 1950s to 1970s, and it obviously decreases since 1980s. The number of annual windy days is about 20 days after 1993. The windy days are most in spring and least in winter. The windy duration is about 0-5 hours. The windy weather that the duration is more than 19 hours usually happens in spring and autumn. The windy weather often appears from May to August, especially in afternoon. There is not obvious difference in other months. The windy weather often occurs in plain areas, followed in middle and lower mountain areas, and is least in desert areas. Westerly wind often happens in spring and summer, and easterly wind is in autumn and winter. The wind speed of westerly wind is greater than that of easterly wind. The maximum wind speed often comes from westerly wind.

Key words [Gale](#) [Temporal-spatial distribution](#) [Statistical analysis](#) [Fuhai county](#)

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