

研究短论

广西月平均温度异常的时空特征及其变化

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摘要 利用广西88个气象测站1960-2005年各月平均温度资料, 计算月平均温度异常偏高和偏低出现频次, 并分别对其时空特征和演变规律进行分析。结果表明: 温度异常偏高的发生频次具有较明显的阶段性, 近10 a是广西月平均温度异常偏高的多发时期; 温度异常偏低出现频次则呈明显的线性下降趋势, 1989年以来是广西月平均温度异常偏低的少发期。了解广西月平均温度异常的这些规律, 有利于提高短期气候预测水平。

关键词 [月平均温度](#) [温度异常](#) [时空变化](#)

分类号

Spatial and Temporal Characteristics of Abnormal Monthly Mean Temperature and Their Changes in Guangxi Province

Abstract By using the monthly mean temperatures at 88 meteorological stations of Guangxi Province during the period of 1960-2005, the frequencies of abnormal high and low monthly temperatures have been computed, and the spatial and temporal characteristics of the abnormal high and low temperatures and their changes analyzed. The results show that the frequency of abnormal high temperature has a prominent stage characteristic, and it occurs frequently in Guangxi in recent 10 years. The frequency of abnormal low temperature has a liner decreasing trend, and it has occurred less frequently in Guangxi since 1989. Studying the laws of abnormal monthly temperature is beneficial to improve the skill of short-term climate prediction.

Key words [monthly mean temperature](#) [abnormal monthly temperature](#) [spatial and temporal variations](#)

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