

论文

辽宁省春播期第一场透雨气候特征及其变化规律分析

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摘要 利用1961—2007年4—5月辽宁14个站的逐日降水资料,分析了春播期第一场透雨出现日期和透雨量的季节分布特征和年际年代际变化特征及透雨出现日期和透雨量与播种期降水量的关系。结果表明:自1961年以来辽宁春播期透雨出现时间总体呈现偏晚趋势,透雨量呈偏多趋势,但趋势均不显著;春播期透雨出现时间具有明显的年代际变化特点;透雨出现时间与透雨量呈不显著的正相关,与播种期降水量呈显著的负相关,即春播期透雨出现时间偏晚(早)的年份,透雨量偏大(小),播种期降水量偏少(多)。

关键词 [春播期](#) [透雨](#) [时空分布](#) [气候特征](#) [变化规律](#)

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Climatic characteristics of the first soaking rain in spring sowing season of Liaoning province and its variation

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Abstract Based on daily precipitation data of April and May from 1961 to 2007 in 14 weather stations in Liaoning province, the date of the first soaking rain, the seasonal distributions of soaking rainfall, the annual and inter-decadal variations and the relationships between the data of the first soaking rain, soaking rainfall and the precipitation during the sowing period were analyzed. The results indicate that the date of the first soaking rain in spring sowing period of Liaoning province appears lately and the soaking rainfall is more than the average since 1961, while their trends are not obvious. The date of the first soaking rain in spring sowing period of Liaoning province is of obvious inter-decadal characteristics. The correlation between the date and the soaking rainfall is positive, while it is not significant. The relationship between the date of the soaking rain and the precipitation during the sowing period is negative and significant. That is to say, the soaking rainfall is more or less and the precipitation during the sowing period is less or more in the year that the date of the soaking rain in spring sowing period occurs lately or early.

Key words [Spring sowing season](#) [Soaking rain](#) [Temporal and spatial distribution](#) [Climatic characteristics](#) [Variation](#)

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