



### 重庆汛期降水与西太平洋副热带高压的关系

周浩, 程炳岩, 叶钊

重庆市气候中心, 重庆 401147

Relationship between the rainfall in flood season in Chongqing and West Pacific Subtropical High

ZHOU Hao, CHENG Bing-yan, YE Zhao

Chongqing Climate Center, Chongqing 401147, China

- [摘要](#)
- [参考文献](#)
- [相关文章](#)

全文: [PDF \(572 KB\)](#) [HTML \(1 KB\)](#) 输出: [BibTeX](#) | [EndNote \(RIS\)](#) [背景资料](#)

**摘要** 利用近47a(1960~2006年)完整而系统的副高特征指数资料和重庆34个站点的汛期(6~8月)降水量资料进行相关普查,得出副高脊线、北界位置与重庆汛期降水之间都存在很高的正相关关系.当西太平洋副高偏北时,重庆汛期降水将会偏少;而当副高偏南时,该地区的降水将偏多.因此,重点讨论副高南北位置的变化与重庆汛期降水的关系.研究表明副高南北位置的异常对应着欧亚地区特别是东亚地区大气环流的异常变化,从而影响重庆乃至中国的汛期降水.

**关键词:** 重庆 汛期降水 西太平洋副热带高压

**Abstract:** Based on the monthly subtropical high indexes in summer and meteorological data of flood season ( June—August ) rainfall during 1960—2006 observed by 34 meteorological stations,the correlation coefficients between them is studied.The results indicate that the correlation coefficients between the ridge,north boundary of West Pacific Subtropical High and flood season rainfall is markedly.When the West Pacific Subtropical High is located north (south) in summer,the flood season rainfall in Chongqing is less (more).Wherefore,the relationship between the anomaly latitudinal position of West Pacific Subtropical High and flood season rainfall in Chongqing is studied.It is shown that the anomaly latitudinal position of West Pacific Subtropical High goes with the anomaly change of atmospheric circulation in East Asia,which influents the flood season rainfall in China and Chongqing.

**Key words:**

收稿日期: 2009-01-06;

**引用本文:**

周浩,程炳岩,叶钊. 重庆汛期降水与西太平洋副热带高压的关系[J]. 云南大学学报(自然科学版), 2010, 32(1): 63-67 .

\$author.xingMing\_EN,\$author.xingMing\_EN,\$author.xingMing\_EN. Relationship between the rainfall in flood season in Chongqing and West Pacific Subtropical High[J]. , 2010, 32(1): 63-67 .

没有本文参考文献

没有找到本文相关文章

#### 服务

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [E-mail Alert](#)
- ▶ [RSS](#)

#### 作者相关文章

- ▶ [周浩](#)
- ▶ [程炳岩](#)
- ▶ [叶钊](#)

版权所有 © 《云南大学学报(自然科学版)》编辑部

编辑出版: 云南大学学报编辑部 (昆明市翠湖北路2号, 650091)

电话: 0871-5033829(传真) 5031498 5031662 E-mail: yndxxb@ynu.edu.cn yndxxb@163.com