

大 气 科 学

DAQI KEXUE

(双月刊)

2016 年 9 月 15 日 第 40 卷 第 5 期

目 次

西太平洋暖池对西北太平洋季风槽和台风活动影响过程及其机理的最近研究进展	
..... 黄荣辉 皇甫静亮 刘永 冯涛 武亮 陈际龙 王磊 (877)	
2013 年我国南方持续性高温天气及副热带高压异常维持的成因分析	彭京备 刘舸 孙淑清 (897)
GRAPES_Meso 区域模式积云计算方案引进及预报效果检验	
..... 郑晓辉 徐国强 贾丽红 郑东生 张红军 (907)	
登陆台风“凡亚比”(1011) 合力散度特征诊断研究——垂直分布特征	
..... 许雯 崔晓鹏 高守亭 任晨平 (920)	
1990 年代末东亚北部地区夏季水汽输送年代际变化特征及其影响机制	
..... 胡泊 张志森 乔少博 龚志强 (933)	
北方雨季中国东部降水异常模态的环流特征及成因分析	郭 恒 张庆云 (946)
雅鲁藏布江流域夏季降水的年际变化及其原因	张文霞 张丽霞 周天军 (965)
2006~2013 年 CMIP5 模式中国降水预估误差分析	张蓓 戴新刚 (981)
HBFNEnKF 混合同化方法设计及检验	朱浩楠 闵锦忠 杜宁珠 (995)
卫星遥感结合气象资料计算的青藏高原地面感热特征分析	戴逸飞 王慧 李栋梁 (1009)
基于 DERF2.0 的月平均温度概率订正预报	章大全 陈丽娟 (1022)
贝叶斯膨胀算法对 EnSRF 雷达资料同化的影响研究	高士博 闵锦忠 黄丹莲 (1033)
夏季 MJO 持续异常的主要特征分析	严欣 琚建华 (1048)
FGOALS-g2 模式模拟和预估的全球季风区极端降水及其变化	
..... 彭冬冬 周天军 邹立维 张丽霞 陈晓龙 (1059)	
中国东部高空颠簸时空分布特征及其与热带中东太平洋海温的关系	
..... 阿利曼 王君 冯锦明 李秀连 (1073)	
夏季南亚高压多中心特征及其热力影响因子分析	
..... 彭丽霞 孙照渤 陈海山 朱伟军 曾刚 倪东鸿 (1089)	

Chinese Journal of Atmospheric Sciences

(Bimonthly)

Vol.40, No.5, 15 September 2016

CONTENTS

Progress in Recent Research on the Processes and Physical Mechanisms Involved in the Influence of the Western Pacific Warm Pool on the Monsoon Trough and Tropical Cyclone Activity over the Western North Pacific	
..... HUANG Ronghui, HUANGFU Jingliang, LIU Yong, FENG Tao, WU Liang, CHEN Jilong, and WANG Lei (877)	
An Analysis on the Formation of the Heat Wave in Southern China and Its Relation to the Anomalous Western Pacific Subtropical High in the Summer of 2013	PENG Jingbei, LIU Ge, and SUN Shuqing (897)
Incorporation of a Cumulus Fraction Scheme in the GRAPES_Meso and Evaluation of Its Performance	
..... ZHENG Xiaohui, XU Guoqiang, JIA Lihong, ZHENG Dongsheng, and ZHANG Hongjun (907)	
Diagnostic Analysis of Characteristics of Vertical Distribution of Total Force Divergence for the Landfalling Typhoon Fanapi (1011)	XU Luan, CUI Xiaopeng, GAO Shouting, and REN Chenping (920)
The Interdecadal Variation and Physical Mechanism for the Summertime Water Vapor Transport in Northern East Asia in the Late 1990s	HU Po, ZHANG Zhisen, QIAO Shaobo, and GONG Zhiqiang (933)
The Dominant Modes of Precipitation Anomalies over Eastern China during the Northern China Rainy Season and the Possible Causes	GUO Heng and ZHANG Qingyun (946)
Interannual Variability and the Underlying Mechanism of Summer Precipitation over the Yarlung Zangbo River Basin	
..... ZHANG Wenxia, ZHANG Lixia, and ZHOU Tianjun (965)	
Assessment of the Deviation of China Precipitation Projected by CMIP5 Models for 2006–2013	
..... ZHANG Bei and DAI Xin'gang (981)	
Implementation and Testing of a Hybrid Back and Forth Nudging Ensemble Kalman Filter (HBFNEKF) Data Assimilation Method	ZHU Haonan, MIN Jinzhong, and DU Ningzhu (995)
Characteristics of Surface Sensible Heat Flux Calculated from Satellite Remote Sensing and Field Observations in the Tibetan Plateau	DAI Yifei, WANG Hui, and LI Dongliang (1009)
Bias Correction in Monthly Means of Temperature Predictions of the Dynamic Extended Range Forecast Model	
..... ZHANG Daquan and CHEN Lijuan (1022)	
Impact of Bayesian Inflation Method on Assimilation of Doppler Radar Data with EnSRF Method	
..... GAO Shibo, MIN Jinzhong, and HUANG Danlian (1033)	
Analysis of the Major Characteristics of Persistent MJO Anomalies in the Summer	YAN Xin and JU Jianhua (1048)
The FGOALS-g2 Simulation of Global Monsoon Extreme Precipitation and Future Projection	
..... PENG Dongdong, ZHOU Tianjun, ZOU Liwei, ZHANG Lixia, and CHEN Xiaolong (1059)	
Spatiotemporal Characteristics of High Altitude Turbulence over Eastern China and Their Relationship with the Equatorial Central and Eastern Pacific Sea Surface Temperature	A Liman, WANG Jun, FENG Jinming, and LI Xiulian (1073)
Analysis on the Multi-center Structure of Summer South Asia High and Its Thermal Influence Factors	
..... PENG Lixia, SUN Zhaobo, CHEN Haishan, ZHU Weijun, ZENG Gang, and NI Donghong (1089)	