

PLATEAU METEOROLOGY

Vol. 41 No. 4 August, 2022

CONTENTS

The Variation Characteristics of Mesoscale Convection System in a Severe Convective Torrential Rain over the Northeast Slope of the Qinghai-Xizang Plateau	
..... YANG Xiaojun, YE Peilong, XU Lili, QIN Haojun, ZHANG Junxia, LI Chenrui, YAN Xudong (839)	
Relationship between NAO/AO and Interannual and Interdecadal Variations of Cold Wave Frequency (CWF) in China	
..... ZHANG Meng, TAO Li, SHAO Haiyan (850)	
Projection of Climate Variation in Qilian Mountains Based on CMIP6	
..... HAN Linjun, BAI Aijuan, PU Xuemin (864)	
Spatio-temporal Pattern Variations of Temperature and Precipitation in Northern Parts of the Qilian Mountains and the Nearby Regions from 1965 to 2018	
..... JING Wenmao, REN Xiaofeng, ZHAO Weijun (876)	
Research and Numerical Simulation of Rainstorm over Bosten Lake Area based on WRF Model	
..... ZHANG Jianbin, GAO Zhiqiu, YANG Jun, LI Yubin, JIANG Yuncong (887)	
Impact of Assimilating Radiances from the Microwave Sounder MWHS-2 Onboard FY-3C on Rain Forecasts in RMAPS-ST	
..... MAO Lu, XIE Yanhui, LIU Ruixia, FAN Shuiyong, CHEN Min (896)	
A New Drought Index Study that Takes into Account a Multi-timescale and the Effects of Evapotranspiration——Taking Yunnan as an Example	
..... ZHANG Qiang, ZOU Xukai, CHEN Xianyan, ZHAO Lin, LI Tingting, QIAN Zhonghua (909)	
Estimation of Land Surface Net Radiation Flux based on Remote Sensing and Analysis of its Spatial-temporal Characteristics in Qinghai Province	
..... YU Xiaoyu, JIA Shaofeng, ZHU Wenbin (921)	
Study on Hail Probability Forecast Method Based on Objective Classification	
..... ZHONG Min, GUO Yinglian, CHEN Xuan, DONG Liangpeng, ZHANG Cuihong (934)	
Evaluation of CMIP Earth System Models on Root Biomass Simulation	
..... ZHOU Ke, SU Youqi, ZHANG Yu, SONG Minhong, WU Tongwen, YANG Linfeng, WANG Xizhao, LI Tianya (945)	
Research Progress on Climate Effect and Influence Mechanism of Photovoltaic Systems	
..... JIANG Junxia, GAO Xiaoqing (953)	
Changes of Surface Wind Speed over Qinghai-Xizang Plateau from 1961 to 2020 and Evaluation of the Dynamical Downscaling Simulations	
..... WU Jia, WU Jie, YAN Yuping (963)	
Characteristics of Meteorological Elements of Photovoltaic Power Plants in Gobi	
..... ZHAO Yanyan, YING Jiang, LI Zhenchao, GAO Xiaoqing, LUO Yong (977)	
Characteristics of Land Surface Parameters of the Underlying Surface of Gobi Photovoltaic Power Station	
..... ZHAO Yanyan, YING Jiang, LI Zhenchao, GAO Xiaoqing, YANG Jiayi, LUO Yong (988)	
Comparative Study on Evaporation Variation Characteristics and Model Evaluation of Lake Photovoltaic Power Plant	
..... YE Tiange, GAO Xiaoqing (996)	
Comparative Analysis of Turbulence Characteristics and Stability of Lake Photovoltaic Power Plant	
..... YE Tiange, GAO Xiaoqing, LI Zhenchao (1006)	
The Impact of Wind Farm on Local Climate under Different Underlying Surface Conditions during Summertime	
..... AI Ze, CHANG Rui, CHEN Zhenghong, GAO Ziqi (1017)	
Research on the Nowcasting Method of Solar Energy Resources Base on FY-4A Ground Radiation Products	
..... YE Dong, LIANG Jinqiu, SHEN Yanbo, WANG Chuanhui, CHANG Rui (1030)	
Applicability of the Solar Radiation Products from FY-4A in Plateau Mountainous Areas of Guizhou	
..... DING Liguo, SHEN Yanbo, MA Xundan, ZHU Jun, TAN Yaheng (1041)	
Deviation Correction Scheme of FY-4A SSI Product in the Position of Sparse Radiation Observations	
..... XU Lina, SHEN Yanbo, LI Zhong, YE Hu (1051)	
Characteristics of Near Surface Turbulence Intensity before and after Wind Farm Construction	
..... XIA Xin, YU Ye, DONG Longxiang, CHEN Keren, ZHAO Guo, ZHANG Tong, MA Xingyue (1062)	
Impacts of Wind Farms on Land Surface Temperature——A Case Study on the Wind Farm in Northern Zhangjiakou, Hebei	
..... MA Xingyue, YU Ye, XIA Dunsheng, DONG Longxiang, ZHAO Suping (1074)	
An Analysis of Complementarity of Wind and Solar Energy Resources in West Jilin	
..... WANG Jieru, YAO Jinfeng, PU Zheyong, LI Haiyan (1086)	