

海 洋 气 象 学 报

第 42 卷 第 3 期

(季 刊)

2022 年 8 月

目 次

综述

- 下一代大气模式中的数值方法综述 沈学顺, 李兴良, 陈春刚, 唐杰(1)
热带气旋灾害预评估模型研究回顾 吴彩铭, 任福民, 朱婧(13)

研究论文

- 黄海近岸海雾的初始场择优集合预报试验:个例研究 谷文梁, 高山红(23)
日照一次 EF2 级龙卷的环境场及雷达特征
..... 于怀征, 龚佃利, 朱君鉴, 陆桂荣, 吴炫, 王凤梅, 卢绪兰, 万克利(38)
2021 年 2 月黄河中下游两次暴雪的相态转换特征及成因 郑丽娜, 李恬, 孙骞, 田雪珊(48)
郑州“7·20”极端暴雨过程中水汽和高低空急流作用机制的数值模拟 程佳佳, 徐国强(57)
郑州“7·20”极端暴雨的水汽输送特征 于腾飞, 李春, 石剑(69)
袁河流域极端降水事件成因分析 肖云, 努尔夏提, 马博涵, 李欢欢, 马中元(77)
山西近 40 年极端降水特征分析 李兆奇, 赵桂香, 赵彩萍(88)
GMI 亮温资料 RFI 信号影响因子分析 张玉璇, 吴莹(99)

海洋天气评述

- 2022 年春季海洋天气评述 张增海, 刘涛, 尹尽勇, 郭乙莹, 张浩(109)

JOURNAL OF MARINE METEOROLOGY

Vol.42 No.3

(Quarterly)

Aug., 2022

CONTENTS

Reviews

- Numerical methods for the next generation of atmospheric models: a review
..... SHEN Xueshun, LI Xingliang, CHEN Chungang, TANG Jie (1)
Review of researches on pre-assessment models for tropical cyclone disaster
..... WU Caiming, REN Fumin, ZHU Jing (13)

Articles

- Ensemble forecast experiment with initial field optimization on coastal sea fog over the Yellow Sea: a case study
..... GU Wenliang, GAO Shanhong (23)
Environmental field and radar characteristics of an EF2 scale tornado in Rizhao
..... YU Huaizheng, GONG Dianli,
..... ZHU Junjian, LU Guirong, WU Xuan, WANG Fengmei, LU Xulan, WAN Keli (38)
Analysis on transition of precipitation type and causes of two snowstorms over the middle and lower reaches of the
Yellow River in February 2021 ZHENG Lina, LI Tian, SUN Qian, TIAN Xueshan (48)
Numerical simulation analysis on the influence mechanism of water vapor and upper-low-level jet during “7·20”
extreme rainstorm in Zhengzhou CHENG Jiajia, XU Guoqiang (57)
Analysis on water vapor transport characteristics of “7·20” extreme rainstorm in Zhengzhou
..... YU Tengfei, LI Chun, SHI Jian (69)
Analysis on causes of extreme precipitation events in the Yuan River Basin
..... XIAO Yun, NU Rchati, MA Bohan, LI Huanhuan, MA Zhongyuan (77)
Analysis of extreme precipitation characteristics in Shanxi from 1979 to 2018
..... LI Zhaoqi, ZHAO Guixiang, ZHAO Caiping (88)
Analysis of factors affecting RFI signal in GMI brightness temperature data ... ZHANG Yuxuan, WU Ying (99)

Marine Weather Review

- Spring 2022 marine weather review
..... ZHANG Zenghai, LIU Tao, YIN Jinyong, GUO Yiying, ZHANG Hao (109)