

ISSN 2096-3599  
CN 37-1512/P

海洋气象学报

# 海洋气象学报

## JOURNAL OF MARINE METEOROLOGY

第三十八卷

第二期

(总第一五四期)

二〇一八年五月

第38卷 第2期  
Vol. 38 No. 2

2018

山东气象学会 主办  
山东省气象科学研究所

# 海洋气象学报

第38卷 第2期

(季刊)

2018年5月

## 目次

### 综述

- 2017年西北太平洋和南海台风活动概述 ..... 王婧,钱传海,张玲 (1)

### 研究论文

- 平台障碍物对海气通量观测影响的数值分析 ..... 王菲,盛立芳,刘甜甜,刘贵杰,冯舒文,吕富良,李杰 (12)  
海基观测资料在改进南海台风强度分析中的应用 ..... 向纯怡,钱传海 (20)  
基于WRF模式的青岛近海能见度算法比较研究 ..... 高荣珍,李欣,时晓蒙,任兆鹏,郝燕,戴京笛 (28)  
环渤海区域强风过程的气候特征模拟分析 ..... 孟祥新,董旭光,伯忠凯 (36)  
台湾岛对登陆台风的影响特征 ..... 张守峰,钱奇峰 (45)  
近55a中国西北地区夏季降水的时空演变特征 ..... 郑丽娜 (50)  
2017年8月6日山东罕见雷暴大风成因分析 ..... 万夫敬,江敦双,赵传湖 (60)  
2016年山东一次阵风锋触发的强对流天气分析 ..... 高晓梅,王世杰,王文波,王晓立,赵华,王新红 (67)

### 天气评述

- 2017年冬季海洋天气评述 ..... 曹越男,刘涛,王慧,杨正龙,柳龙生 (76)

### 技术报告

- 1981—2016年山东陆地观测最大风速变化特征 ..... 董旭光,邱粲,李娟,刘焕彬 (87)  
一次防雹作业过程的效果分析 ..... 王庆,樊明月,张洪生 (96)  
2006—2015年山东短时强降水时空分布特征 ..... 杨学斌,代玉田,王宁,周成 (103)  
  
《海洋气象学报》征稿简则 ..... (110)

# JOURNAL OF MARINE METEOROLOGY

Vol. 38 No. 2

( Quarterly )

May 2018

## CONTENTS

### Reviews

- The characteristics and impact of typhoon activities over western North Pacific and the South China Sea ..... WANG Qian, QIAN Chuanhai, ZHANG Ling ( 1 )

### Articles

- Numerical analysis of the influence of platform obstacles on air-sea flux observations ..... WANG Fei, SHENG Lifang, LIU Tiantian, LIU Guijie, FENG Shuwen, LÜ Fuliang, LI Jie ( 12 )
- Application of ocean-based observation data on improving tropical cyclone intensity analysis over the South China Sea ..... XIANG Chunyi, QIAN Chuanhai ( 20 )
- Comparative study on three algorithms of the visibility in Qingdao offshore areas based on WRF model ..... GAO Rongzhen, LI Xin, SHI Xiaomeng, REN Zhaopeng, HAO Yan, DAI Jingdi ( 28 )
- Simulation and analysis of the climate characteristics of strong wind processes over the Bohai Sea region ..... MENG Xiangxin, DONG Xuguang, BO Zhongkai ( 36 )
- Influence of Taiwan Island on the intensity of landed typhoons ..... ZHANG Shoufeng, QIAN Qifeng ( 45 )
- Spatial and temporal variations of summer precipitation in Northwest China over the past 55 years ..... ZHENG Lina ( 50 )
- Analysis of an unusual thunderstorm gale in Shandong on 6 August 2017 ..... WAN Fujing, JIANG Dunshuang, ZHAO Chuanhu ( 60 )
- Analysis of the severe convective weather caused by a gust front in Shandong in 2016 ..... GAO Xiaomei, WANG Shijie, WANG Wenbo, WANG Xiaoli, ZHAO Hua, WANG Xinhong ( 67 )

### Marine Weather Review

- Winter 2017 marine weather review ..... CAO Yuenan, LIU Tao, WANG Hui, YANG Zhenglong, LIU Longsheng ( 76 )

### Technical Reports

- Spatial and temporal distribution of terrestrial annual maximum wind speed in Shandong from 1981 to 2016 ..... DONG Xuguang, QIU Can, LI Juan, LIU Huanbin ( 87 )
- Effect analysis of a hail suppression operation in Shandong ..... WANG Qing, FAN Mingyue, ZHANG Hongsheng ( 96 )
- Spatial and temporal distribution of short-term heavy rainfall in Shandong from 2006 to 2015 ..... YANG Xuebin, DAI Yutian, WANG Ning, ZHOU Cheng ( 103 )