
CONTENTS

Articles

T. KATO: Representative Height of the Low-Level Water Vapor Field for Examining the Initiation of Moist Convection Leading to Heavy Rainfall in East Asia.....	69-83
C.-C. YANG, C.-C. WU, and K. K. W. CHEUNG: Diagnosis of Large Prediction Errors on Recurvature of Typhoon Fengshen (2008) in the NCEP-GFS Model	85-96
G. CHEN and K. WANG: Why is the Tropical Cyclone Activity over the Western North Pacific so Distinct in 2016 and 1998 Following Super El Niño Events?	97-110
J. XU and Y. WANG: Effect of the Initial Vortex Structure on Intensification of a Numerically Simulated Tropical Cyclone.....	111-126
J. LONG, Y. WANG, and S. ZHANG: Intercomparison of Cloud Amount Datasets in the Kuroshio Region over the East China Sea	127-145
F. FUJIBE: Climatological Features of Sub-Hourly Temperature Variations in Japan	147-160
H. KAWASE, T. SASAI, T. YAMAZAKI, R. ITO, K. DAIRAKU, S. SUGIMOTO, H. SASAKI, A. MURATA, and M. NOSAKA: Characteristics of Synoptic Conditions for Heavy Snowfall in Western to Northeastern Japan Analyzed by the 5-km Regional Climate Ensemble Experiments.....	161-178
K. OKAMOTO, T. ISHIBASHI, S. ISHII, P. BARON, K. GAMO, T. Y. TANAKA, K. YAMASHITA, and T. KUBOTA: Feasibility Study for Future Space-Borne Coherent Doppler Wind Lidar, Part 3: Impact Assessment Using Sensitivity Observing System Simulation Experiments.....	179-199
M. KUJI, A. MURASAKI, M. HORI, and M. SHIOBARA: Cloud Fractions Estimated from Shipboard Whole-Sky Camera and Ceilometer Observations between East Asia and Antarctica	201-214
A. UCHIYAMA, B. CHEN, A. YAMAZAKI, G. SHI, R. KUDO, C. NISHITA-HARA, M. HAYASHI, A. HABIB, and T. MATSUNAGA: Aerosol Optical Characteristics in Fukuoka and Beijing Measured by Integrating Nephelometer and Aethalometer: Comparison of Source and Downstream Regions.....	215-240

Notes and Correspondence

K. ISHIOKA: A New Recurrence Formula for Efficient Computation of Spherical Harmonic Transform.....	241-249
List of Papers and Reviews in <i>Tenki</i> (Vol. 65, No. 1 and No. 2)	251
List of Papers in <i>SOLA</i> (Vol. 14, 1-32).....	252
Papers to appear in the next issue.....	253-254
