

Contents

Vol. 42, No. 7, 2017

Simultaneous English language translation of the journal is available from Allerton Press, Inc.
Distributed worldwide by Springer. *Russian Meteorology and Hydrology* ISSN 1068-3739.

Roshydromet Supercomputer Technologies for Numerical Weather Prediction <i>A. I. Bedritskii, R. M. Vil'fand, D. B. Kiktev, and G. S. Rivin</i>	425
Environmental Research and Provision of Hydrometeorological Safety in High-latitude and Polar Regions <i>A. I. Bedritskii and A. I. Danilov</i>	435
Development of the Space Observation System and Geophysical Monitoring System in Roshydromet <i>V. V. Asmus, A. I. Bedritskii, V. N. Stasenko, S. V. Tsenko, and A. B. Uspenskii</i>	442
Climate Change Projections in Russian Regions: The Detailing in Physical and Probability Spaces <i>V. M. Kattsov, I. M. Shkolnik, and S. V. Efimov</i>	452
Long-term Variations in Surface Air Pressure and Surface Air Temperature in the Northern Hemisphere Mid-latitudes <i>Yu. P. Perevedentsev, A. A. Vasil'ev, K. M. Shantalinskii, and V. V. Gur'yanov</i>	461
Radar Studies of Formation and Development of Hail Cores in Severe Convective Clouds <i>V. S. Inyukhin, V. S. Makitov, and S. A. Kushchev</i>	471
Environmental Aspects of Cloud Seeding <i>V. P. Korneev, E. I. Potapov, and G. G. Shchukin</i>	477
