

CONTENTS

NUMBER 1

2006

RUSSIAN METEOROLOGY AND HYDROLOGY

	PAGES	
	ENGLISH	RUSSIAN
<i>V. M. Mirvis, V. P. Meleshko, V. M. Gavrilina, V. A. Matyugin, and T. Yu. L'vova</i>		
Monthly Meteorological Forecasting with the MGO Hydrodynamic-Statistical Method. 1. Deterministic Forecast: Results from 26-year Series of Testing <i>N. O. Plaude, M. V. Vychuzhanina, N. A. Monakhova, and N. P. Grishina</i>	1	5
Some Results of 11 -year Measurements of Atmospheric Aerosol in the Moscow Region <i>V. A. Mullayarov, R. R. Karimov, and V. L. Kozlov</i>	11	19
The 29.5-day Variations of Thunderstorm Activity <i>V. N. Stasenko</i>	17	27
Radar Study of Electrically Active Zones in Convective Clouds <i>V. B. Lapshin and A. A. Paley</i>	23	34
Results of Field Experiments to Estimate the Influence of Corona Discharge on Fog Density <i>M. B. Bogdanov and A. N. Surkov</i>	29	41
Short-Period Insolation Changes Caused by the Planetary Perturbations of the Earth's Orbit <i>A. Kasatkina, O. I. Shumilov and A. G. Kanat'ev</i>	34	48
Effects of Solar Activity Cycles in the Atmosphere of the North Atlantic and Europe <i>G. N. Voinov</i>	40	55
Harmonic Tidal Analysis for the Nodal 18.61-year Period with Amderma Settlement Taken as an Example <i>A. Zakharchuk and N. A. Tikhonova</i>	44	60
Intensity of Currents of Different Time Scales in the Chukchi Sea and Bering Strait <i>D. V. Alekseev, V. A. Ivanov, E. V. Ivancha, V. Fomin, and L. V. Cherkosov</i>	58	76
Study of the Evolution of a Three-Dimensional Structure of the Admixture Field during Cyclone Passage <i>D. A. Burakov and A. A. Adamovich</i>	67	86
Long-Term Forecasts of Water Inflow to Reservoirs of the Yenisei Hydroelectric Power Plants with the Use of a Mathematical Model <i>V. M. Mirvis and L. P. Guseva</i>	74	95
Assessment of Changes in the Duration of the Frost-Free Vegetation Period on the Territory of Russia and Adjoining Countries	83	106