



Experience with model-based monthly weather forecasting for one month ahead

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Using the phenomenon of the synchronization of the planetary wave propagation in the extratropical westerlies a specially filtered hydrodynamical model of the atmospheric low-frequency motions has been developed. During many years 40-day long runs of this model are used with a certain success to forecast surface air temperature variations in Moscow and some other cities. The aim of this report is to share experience, and demonstrate some instructive examples of these forecasts.