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The main features of the atmospheric circulation in the summer of 2022 based on the Northern Hemisphere climate system monitoring are discussed. Estimates of the temperature and precipitation regime in Northern Eurasia based on observational data are given. The regions in which the anomalies of geopotential height, surface air pressure, and sea surface temperature are most/least successfully simulated by WMO multi-model forecasts and SL-AV model forecasts are identified. Good skill scores of consensus air temperature and precipitation forecasts for the summer of 2022 issued during NEACOF-22 is noted. For the entire territory of Northern Eurasia, the accuracy of forecasts was 80% for surface air temperature and 64% for precipitation.

Keywords: large-scale atmospheric circulation, sea surface temperature, multi-model forecast, consensus forecast, air temperature, precipitation, skill scores

Tab. 1. Fig. 4.