



CLIMATE MONITORING and  
SEASONAL FORECAST  
Republic of Tajikistan

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# Introduction

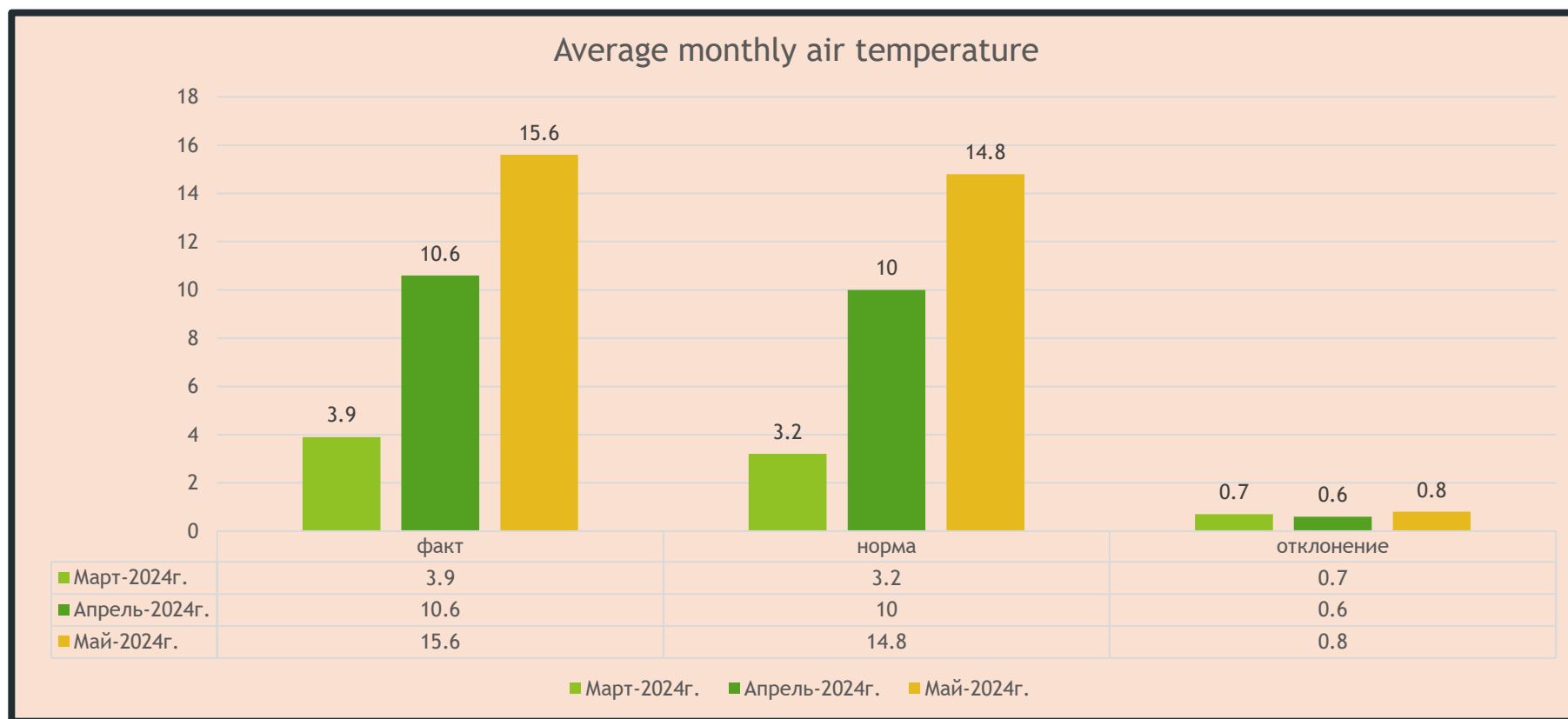
- ▶ To assess the state of the climate for the period from March to May, observed data on air temperature and total precipitation from 54 weather stations located throughout the territory of the Republic of Tajikistan were used.
- ▶ The anomalies of main climate parameters (Temperature and Precipitation) are estimated based on the observed data for the current season (March-May 2024). The reference period is 1961-1990.
- ▶ The main features of the climate of the Republic of Tajikistan are determined by a number of geographical factors. The most important of them is solar radiation, which depends on geographic latitude.

# Temperature anomalies in MAM 2024

Climatologically the spring season in Tajikistan is characterized by a rapid increase of air temperature

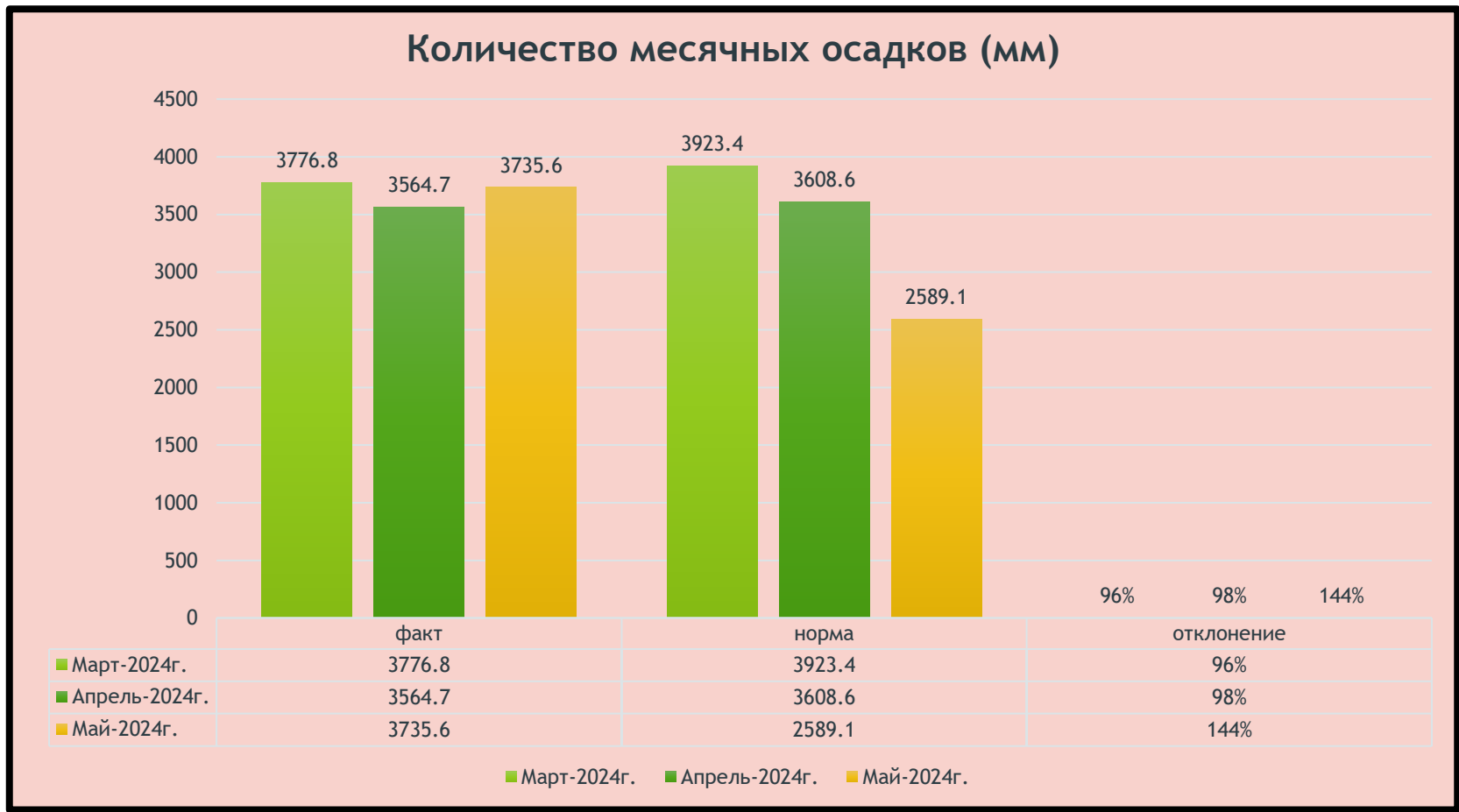
Almost whole spring season of 2024 was dominated by above normal temperatures, with a few days of decrease of temperature.

The weather was extremely unstable in May 2024 due to increased cyclonic activity.



# Precipitation anomalies in MAM 2024

During spring 2024, a large variation of precipitation intensity was observed. The amount of precipitation in May was above normal in most regions of Tajikistan, which in turn led to an increase in mudflows.



# Observed hazards during MAM 2024

## Mudflows



# Observed hazards during MAM 2024

## Flooding





Thank you

