

## Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 28 April, 2022 – 04 May, 2022

### Temperature:

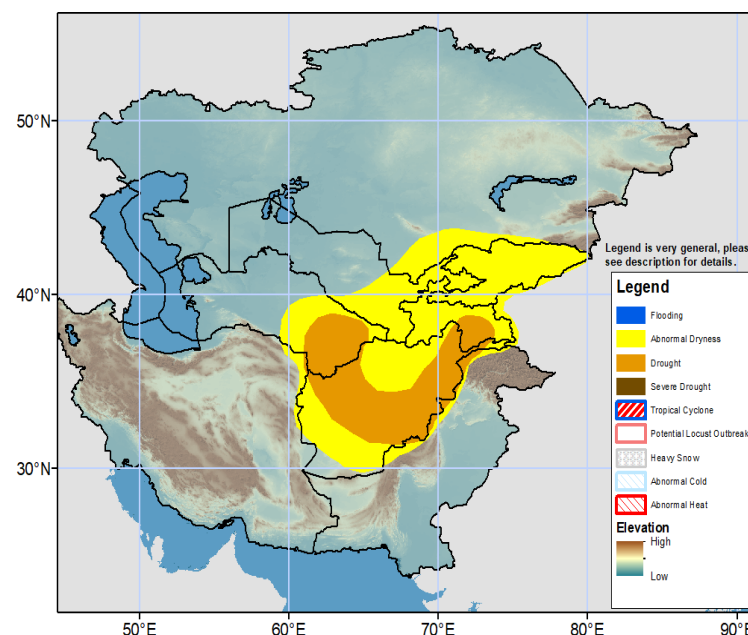
Weekly average minimum temperatures were above normal (2 to 4 °C) across western and southern Kazakhstan, central and northeast Uzbekistan, Kyrgyzstan, and eastern Afghanistan during 19 April, 2022 – 25 April, 2022. In contrast, below normal mean temperatures were observed across northern Kazakhstan. Weekly average maximum temperatures were observed around 30 to 35 °C across southern Afghanistan.

The GEFS model forecasts above normal temperature (2 to 8 °C) across southern, central, northern and eastern Kazakhstan, Uzbekistan, Turkmenistan, Tajikistan, Kyrgyzstan, and Afghanistan during 28 April, 2022 – 04 May, 2022. Weekly average temperatures are forecast around 10 to 20 °C across northern Kazakhstan, southern Kyrgyzstan, and western Tajikistan. Weekly average minimum temperatures are forecast around -10 to 0 °C across eastern Tajikistan, and northeast Kyrgyzstan. Weekly average maximum temperatures are forecast around 35 to 40 °C across southern regions of Afghanistan.

### Precipitation:

Heavy rainfall has triggered flash flood and mudflows in the areas of Samarkand and Jizzakh, Uzbekistan on April 20, 2022 resulting in 4 fatalities and infrastructures damages according to reports. Light to moderate precipitation was observed across central and eastern Uzbekistan, eastern Turkmenistan, western, northern, and northeast Afghanistan, western Tajikistan, Kyrgyzstan, northwest, northern, eastern, and southern Kazakhstan during the period 19 April, 2022 – 25 April, 2022. Some greater amounts of precipitation (25mm to 50mm) was also observed across northeast regions of Uzbekistan. The multiple rainfall estimates of 30-day precipitation depict below normal rainfall around 25 mm across southern regions of Kazakhstan and western regions of Kyrgyzstan. The current abnormal dryness hazard is extended to southern Kazakhstan and western Kyrgyzstan. Based on USGS snow depth and snow water equivalent (SWE) analysis, negative snow depth and SWE anomalies currently exist across eastern, central, northwest Tajikistan, central and northeast Afghanistan, and Kyrgyzstan.

The GEFS weekly ensemble mean forecasts light to moderate precipitation across Tajikistan, Kyrgyzstan, central, northern, and northeast Afghanistan, western Kazakhstan, and western Turkmenistan during 28 April, 2022 – 04 May, 2022. Some greater amount of precipitation around 25mm to 50mm is predicted across northeast Afghanistan and central and northwest regions of Tajikistan.



Note: The Hazards outlook map is based on current weather/climate information, short and medium range weather forecasts (up to 1 week), sub-seasonal forecasts up to 4 weeks, and assesses the potential impact of extreme events on crop and pasture conditions. Shaded polygons are added in areas where anomalous conditions have been observed and predicted to continue during the outlook period. The boundaries of these polygons are only approximate at the spatial scale of the map. This product takes into account long range seasonal climate forecasts but does not reflect current or projected food security conditions. FEWS NET is a USAID-funded activity whose purpose is to provide objective information about food security conditions. Its views are not necessarily reflective of those of USAID or the U.S. Government. The FEWS NET weather hazards outlook process and products include participation by FEWS NET field and home offices, NOAA-CPC, USGS, USDA, NASA, and a number of other national and regional organizations in the countries concerned. Questions or comments about this product may be directed to Dr. Wassila Thiaw, Head, International Desks/NOAA, [wassila.thiaw@noaa.gov](mailto:wassila.thiaw@noaa.gov). Questions about the USAID FEWS NET activity may be directed to Dr. James Verdin, Program Manager, FEWS NET/USAID, [jverdin@usaid.gov](mailto:jverdin@usaid.gov).