

## Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 13 October – 19 October, 2022

### **Temperature:**

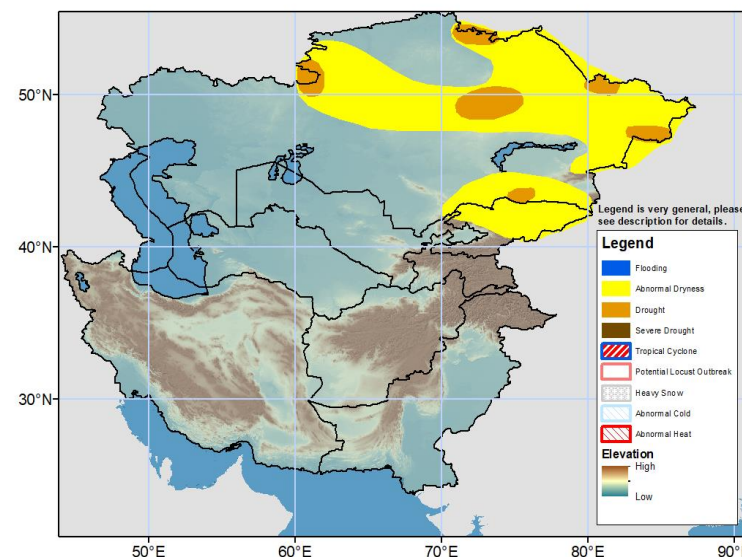
Weekly average maximum temperatures were above normal (2 to 4 °C) across northern, northeast and western Kazakhstan, western Turkmenistan, and eastern Afghanistan during 04 October, 2022 – 10 October, 2022. In contrast, below normal mean maximum temperature were observed across eastern regions of Tajikistan. Weekly average minimum temperatures were below average (-4 to -2 °C) across eastern Aktope and southern Kostanay regions of Kazakhstan, western Uzbekistan, northern and eastern Turkmenistan, eastern Tajikistan, and western, northern, and southeast Afghanistan. Weekly average minimum temperatures were observed around -5 to 0 °C across eastern Kazakhstan, northeast Kyrgyzstan, eastern Tajikistan, and central Afghanistan.

The GEFS model forecasts above normal temperature (1 to 4 °C) across northern, central, southern and eastern Kazakhstan, Kyrgyzstan, Uzbekistan, Turkmenistan, Tajikistan, and western and southern regions of Afghanistan 13 October, 2022 – 19 October, 2022, with mean temperature above (4 to 6 °C) across North-Kazakhstan region. Weekly average minimum temperatures are forecasts around -10 to 0 °C across eastern Tajikistan, eastern and northeast Kyrgyzstan, and central and northeast Afghanistan during the outlook period.

### **Precipitation:**

Light precipitation was observed across northern and western regions of Kazakhstan, eastern Tajikistan, and northeast regions of Afghanistan during the period 04 October, 2022 – 10 October, 2022. The multiple rainfall estimates of 90-day precipitation depicts below normal rainfall around -50mm to -25mm across eastern north-Kazakhstan, northern Karaganda, northern and eastern Kostanay, eastern Pavlodar, East-Kazakhstan, and eastern Almaty regions of Kazakhstan. Based on 30-day and 90-day observed rainfall anomalies, vegetation health index (VHI) and agricultural stress index (ASI), the size of drought and abnormal dryness polygons have been reduced in the northern regions of Kazakhstan.

The GEFS weekly ensemble mean forecasts light to moderate precipitation across northwest, northern, eastern and southeast regions of Kazakhstan, Kyrgyzstan, western and central Tajikistan, and in for northern Afghanistan during 13 October, 2022 – 19 October, 2022. Some greater amounts of precipitation around 25mm to 50mm are possible across southern and western regions of Kyrgyzstan during the outlook period.



**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, [jverdind@usaid.gov](mailto:jverdind@usaid.gov).