

## Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 24 November, 2022 – 30 November, 2022

### **Temperature:**

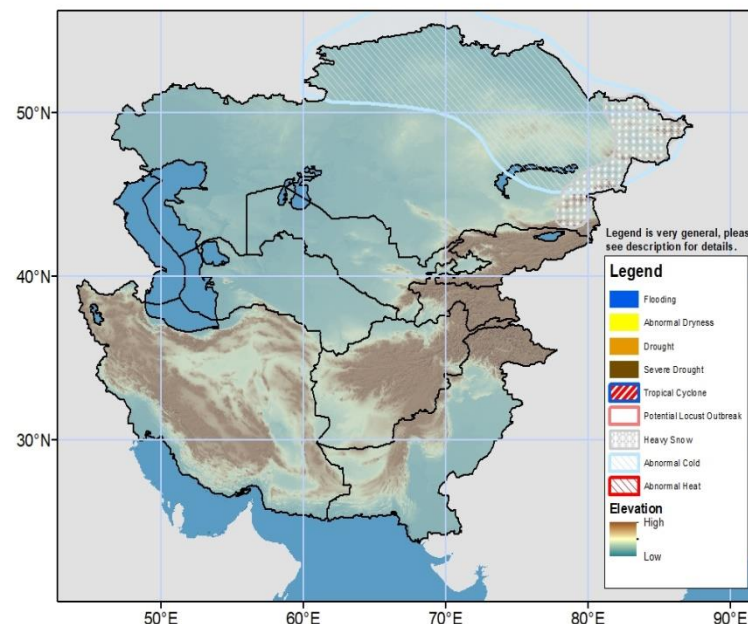
Weekly average minimum temperatures were above normal (2 to 4 °C) across northwest, Aktobe, southwest, and eastern Kazakhstan, Uzbekistan, Turkmenistan, and western Afghanistan during 15 – 21 November 2022. In contrast, below normal minimum temperatures were observed across eastern Tajikistan and northern Kazakhstan, with -6 to -2 °C below normal in northern Kazakhstan. Weekly average minimum temperatures were observed around -15 to -5 °C across Kyrgyzstan, central and eastern Tajikistan and northern and eastern Kazakhstan, while minimum temperatures were observed around -10 to 0 °C across central and northeast Afghanistan.

The GEFS model forecasts below normal temperature (-10 to -1 °C) across northern, eastern, southeast and central Kazakhstan during the period 24 - 30 November 2022, with -10 to -6 °C below normal in northern and eastern Kazakhstan region. In contrast, above normal mean temperatures are forecast across southwest Kazakhstan, Uzbekistan, Turkmenistan, Afghanistan, Tajikistan, and southern Kyrgyzstan. Weekly average minimum temperatures are forecast around -25 to -15 °C across central and eastern Tajikistan and northern and eastern Kazakhstan, while minimum temperature are forecast around -15 to -0 °C across Kyrgyzstan and central and northeast Afghanistan regions. An abnormal cold hazard is posted across northern and eastern Kazakhstan.

### **Precipitation:**

Moderate precipitation was observed across western Tajikistan, northern and northeast Afghanistan, eastern Uzbekistan, Kyrgyzstan, and southern, eastern, and northwest Kazakhstan during 15 – 21 November 2022. Some greater amount of precipitation (25mm to 50mm) was observed across southern and southeast Kazakhstan. Based on USGS snow depth and snow water equivalent (SWE) analysis, positive snow depth and SWE anomalies currently exist across central and northwest Tajikistan and central and northern Afghanistan.

The GEFS weekly ensembles mean forecasts moderate precipitation across northern, eastern and southeast Kazakhstan and Kyrgyzstan during 24 – 30 November 2022. Light precipitations are possible across western and central Tajikistan, northern Afghanistan, and eastern Uzbekistan. Heavy snowfall is predicted across eastern Kazakhstan regions during outlook period. Therefore, a heavy snow polygon is posted.



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, [jverd@usaid.gov](mailto:jverd@usaid.gov).