Climate Prediction Center's Central Asia Hazards Outlook
For USAID / FEWS-NET
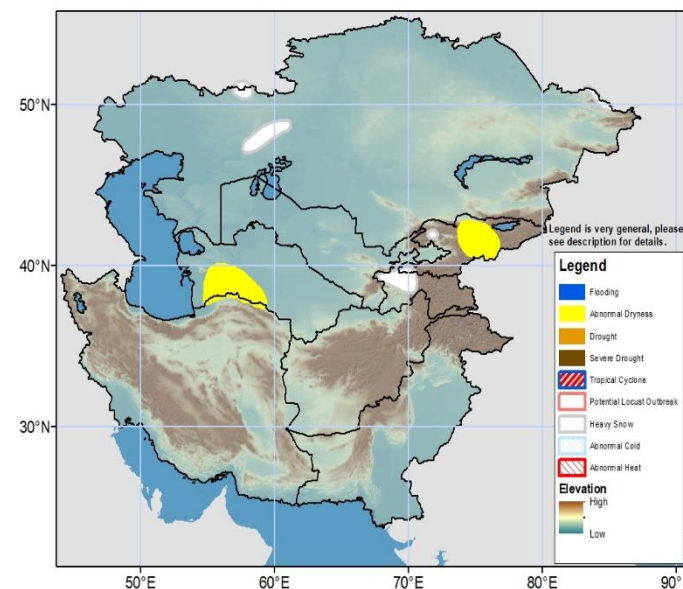## 23 November 2023 – 29 November 2023

Temperature:

Weekly average minimum temperatures were above average (6 to 12 ºC) across Aktobe, Mangystau, central, northern and eastern region of Kazakhstan, Uzbekistan, and northern and eastern Turkmenistan during the period 14Nov – 20Nov2023, with 2 to 6 ºC in western and southeast Kazakhstan, western and southern Turkmenistan, and northern, western and southeastern Afghanistan. Weekly average minimum temperatures were observed around -10 to 0 ºC in central and eastern Tajikistan, Kyrgyzstan, eastern and northern Kazakhstan, and central and northeast Afghanistan. Weekly average maximum temperatures were above average around 4 to 8 ºC across Kazakhstan, Uzbekistan, Turkmenistan, northern, western and central parts of Afghanistan, western Tajikistan and western and southern Kyrgyzstan, with warmest temperature anomalies around 8 to 12 ºC in northeast and southern Kazakhstan, Uzbekistan, Turkmenistan and north and west regions of Afghanistan.

The GEFS model forecasts above average weekly mean minimum temperature (2 to 6 ºC) across northern, central, southern and eastern regions of Kazakhstan, Uzbekistan, Turkmenistan, Afghanistan, Tajikistan, and Kyrgyzstan during the period 23Nov – 29Nov 2023, with warmest temperature anomalies around 6 to 10 ºC in northeast, eastern, central and southern Kazakhstan, eastern Uzbekistan, eastern Turkmenistan, and north, and west parts of Afghanistan. Weekly mean minimum temperatures are forecasted around -15 to 0 ºC in northwest, central and eastern Tajikistan, central and northeast parts of Afghanistan, central, eastern and northern Kyrgyzstan, and northwest, northern and eastern Kazakhstan regions, with -20 to -15 ºC in eastern Tajikistan. The weekly mean maximum temperatures are forecasted above average (2 to 6 ºC) across the Central Asia, with warmest temperature anomalies around 6 to 10 ºC in the northeast, central, southeast and southern regions of Kazakhstan, central and eastern Uzbekistan, Turkmenistan, north and northeast Afghanistan, and southwest Tajikistan.

Precipitation:

Moderate precipitation (10 to 25mm) was observed across northwest and northern Kazakhstan during the period 14Nov – 20Nov2023. Higher amounts of precipitation (25 to 50mm) fell in central and northern North Kazakhstan province of Kazakhstan. Light precipitation (2 to 10mm) fell in western, northern, eastern and southeastern regions of Kazakhstan and southwest Kyrgyzstan. The multiple rainfall estimates of 30-day precipitation depict below normal rainfall around 25 mm across southwest Turkmenistan. An abnormal dryness hazard is posted across this region where standard precipitation index (SPI) depicted below normal values. Based on USGS snow depth and snow water equivalent (SWE) analysis, negative snow depth and SWE anomalies currently exist across eastern, central and northwest Tajikistan, northeast Afghanistan, western and eastern regions of Kyrgyzstan.

The GEFS weekly ensembles mean forecasts moderate to heavy precipitation across northwest, southwest, southeast and northeast regions of Kazakhstan, southern parts of Aktobe and Kostanay provinces of Kazakhstan, western and southwest Kyrgyzstan, western Tajikistan, and northeast and central highland regions of Afghanistan during the period 23Nov – 29Nov2023. Light precipitation is forecasted in southern and central parts of Afghanistan, eastern Uzbekistan, and northern, central and eastern regions of Kazakhstan. A heavy snow polygon is posted in the northwest Tajikistan, northern and central Aktobe province of Kazakhstan, and pockets of northeast Kazakhstan and southern Kyrgyzstan during the outlook period.

Legend is very general, please see description for details.

Legend
- Flooding
- Abnormal Dryness
- Drought
- Severe Drought
- Tropical Cyclone
- Potential Locust Outbreak
- Heavy Snow
- Abnormal Cold
- Abnormal Heat

Elevation
- High
- Low