

## Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 01 September, 2022 – 07 September, 2022

### Temperature:

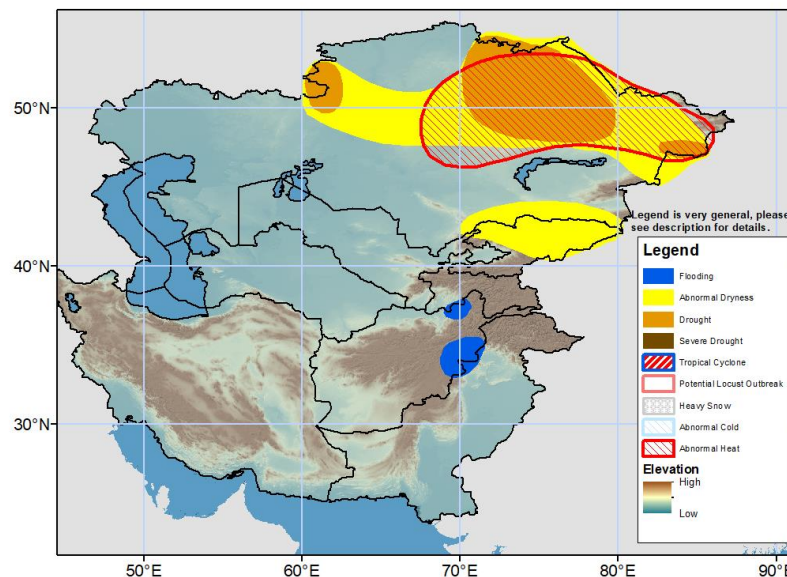
Weekly average maximum temperatures were above normal (2 to 8 °C) across western and northwest Kazakhstan during 23 August 2022 – 29 August 2022. In contrast, below normal mean temperatures were observed across eastern Kyrgyzstan, Tajikistan, and Afghanistan. Weekly average maximum temperatures were observed around 35 to 40 °C across southern Afghanistan and northwest Kazakhstan.

The GEFS model forecasts above normal mean temperatures (1 to 8 °C) across northern, central, eastern and southern Kazakhstan, Uzbekistan, Turkmenistan, Kyrgyzstan, Tajikistan, and northern, western, central and southern Afghanistan during 01 September 2022 – 07 September 2022. Weekly average maximum temperatures are forecast around 35 to 40 °C across southern Kazakhstan, central and eastern Uzbekistan, central and eastern Turkmenistan, and southern regions of Afghanistan. An abnormal heat hazard is posted across northern and northeast regions of Kazakhstan during outlook period.

### Precipitation:

According to reports, heavy rainfall has triggered flash flood in Afghanistan's eastern Kunar province on 28 August 2022 resulting in 18 fatalities and 40 people injured. Heavy monsoon rainfall has triggered flash flood in Pakistan during last 24 hours to 28 August 2022 resulting in 28 fatalities in Khyber Pakhtunkhwa. Moderate to heavy precipitation was observed across northeast, eastern and southeast Afghanistan, eastern Tajikistan, and northeast Kyrgyzstan during the period 23 August 2022 – 29 August 2022. Light precipitation was observed across northern Kazakhstan. The past ninety-day below-average rainfall negatively affected soil-moisture levels over the western Kostanay regions of Kazakhstan, where poor and degraded vegetation conditions were also depicted. Drought polygon is posted over the western Kostanay regions, where the standard precipitation index (SPI) is depicted below normal value over there.

The GEFS weekly ensemble mean forecasts light precipitation across northeast Kyrgyzstan, northern Kazakhstan, eastern Tajikistan and eastern Afghanistan during 01 September 2022 – 07 September 2022. Mostly dry weather is forecast for the remaining areas of Central Asia.



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).