

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 25 August, 2022 – 31 August, 2022

Temperature:

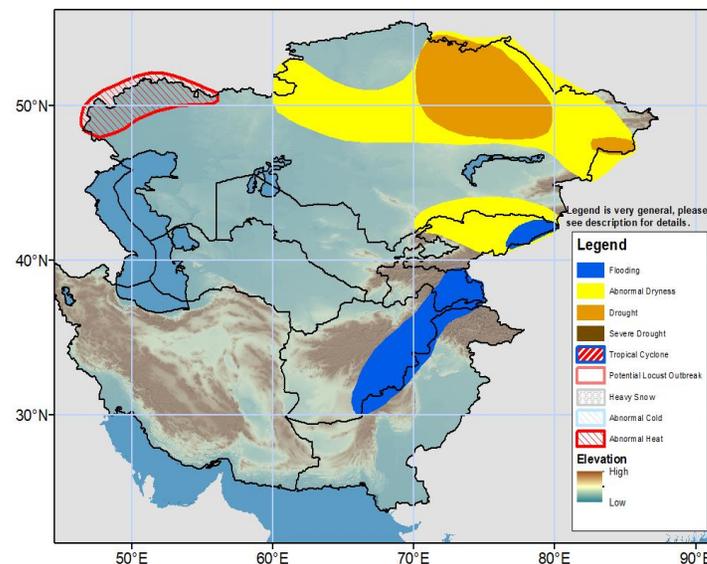
Weekly average maximum temperatures were above normal (2 to 4 °C) across western Atyrau and western Mangystau regions of Kazakhstan and western Turkmenistan during 16 August 2022 – 22 August 2022. In contrast, below normal mean temperatures were observed across northern, eastern and southeast east Kazakhstan, and southeast and eastern Afghanistan. Weekly average maximum temperatures were observed around 35 to 40 °C across southern and northwest Afghanistan, and southern and eastern Turkmenistan.

The GEFS model forecasts above normal mean temperatures (1 to 8 °C) across western and northern Kazakhstan, and western Uzbekistan during 25 August 2022 – 31 August 2022. In contrast, below normal mean temperatures are forecast across southeast Kazakhstan, eastern Uzbekistan, eastern Turkmenistan, Kyrgyzstan, Tajikistan and Afghanistan. Weekly average maximum temperatures are forecast around 35 to 40 °C across southern Afghanistan, northwest Kazakhstan, and southern and eastern Turkmenistan. An abnormal heat hazard is posted across northwest Kazakhstan during outlook period.

Precipitation:

According to reports, heavy rainfall has triggered flash flood in the Logar Province, Afghanistan in past few days to 21 August 2022 resulting in 20 fatalities and widespread infrastructures damages and 30 people were injured. Heavy monsoon rainfall has triggered flash flood in Pakistan during last 48 hours to 20 August 2022 resulting in 42 fatalities. Heavy rainfall has caused havoc in the Himachal Pradesh in northern India on 19 August resulting in 22 fatalities. Moderate to heavy precipitation (25mm to 75mm) was observed across eastern and southeast Afghanistan during the period 16 August 2022 – 22 August 2022. Light precipitation was observed across northern Kazakhstan and northeast Kyrgyzstan. The multiple rainfall estimates of 90-day precipitation depicts below normal rainfall around -50mm to -25mm across eastern north-Kazakhstan, eastern Akmola, northern Karaganda, Pavlodar, southern East-Kazakhstan, and central and southern Kostanay regions of Kazakhstan.

The GEFS weekly ensemble mean forecasts moderate to heavy (25mm to 75mm) precipitation across eastern Afghanistan, eastern Tajikistan, northeast Kyrgyzstan, and northern, western, and southeast regions of Pakistan during 25 August 2022 – 31 August 2022. Light precipitation are possible across northern Kazakhstan and western Kyrgyzstan. A flooding polygon is posted across eastern and northeast Afghanistan, eastern Tajikistan, and northeast Kyrgyzstan during 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. Questions about the USAID FEWS NET activity may be directed to Dr. James Verdin, Program Manager, FEWS NET/USAID, jverd@usaid.gov