

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 04 August, 2022 – 10 August, 2022

Temperature:

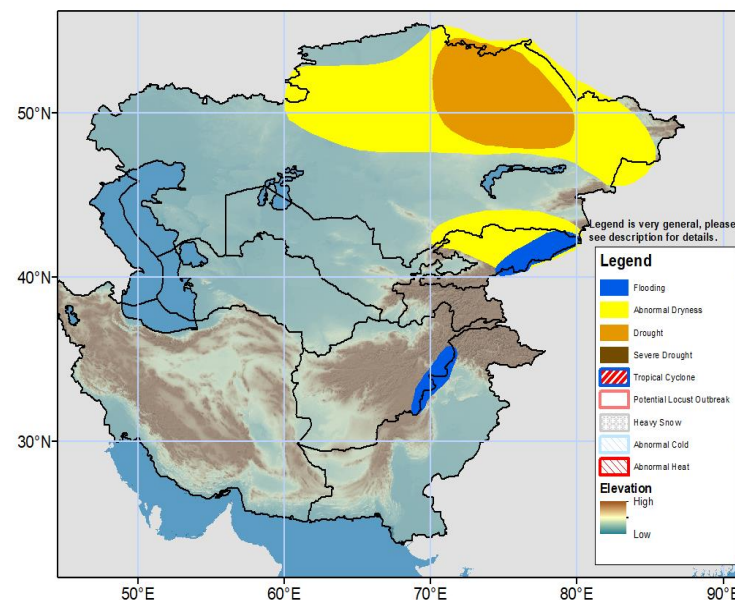
Weekly average maximum temperatures were above normal (2 to 4 °C) across northern and eastern Kyrgyzstan, northeast and southeast Kazakhstan, and southeast Uzbekistan during 26 July 2022 – 01 August 2022. In contrast, below normal mean temperatures were observed across southeast Afghanistan. Weekly average maximum temperatures were observed around 40 to 45 °C across northeast Turkmenistan, and northwest and southern Afghanistan.

The GEFS model forecasts above normal mean temperatures (1 to 4 °C) across northwest, northern, and southeast Kazakhstan, northern Kyrgyzstan, eastern Tajikistan, and southeast Afghanistan during 04 August 2022 – 10 August 2022. In contrast, below normal mean temperatures are forecast across western and central Turkmenistan, central Uzbekistan, and southern Kazakhstan. Weekly average maximum temperatures are forecast around 40 to 45 °C across southern regions Afghanistan.

Precipitation:

According to reports, heavy rainfall has triggered flash flood in the eastern regions of Afghanistan's Ghazni province on 28 July 2022 resulting in 10 fatalities. Heavy rainfall has triggered flash flood in Tehran Province in northern Iran on 28 July 2022 resulting in 6 fatalities and infrastructures damages. Moderate to heavy precipitation was observed across northern and southwest Kazakhstan, eastern and southeast Afghanistan, northern Kyrgyzstan, northern Tajikistan, and southwest Turkmenistan during the period 26 July 2022 – 01 August 2022. Some greater amount of precipitation (25mm to 75mm) was observed across Akmola and southern North-Kazakhstan region. The multiple rainfall estimates of 90-day precipitation depicts below normal rainfall around -100mm to -25mm across eastern north-Kazakhstan, eastern Akmola, northern Karaganda, Pavlodar, western East-Kazakhstan and central and southern Kostanay regions of Kazakhstan.

The GEFS weekly ensemble mean forecasts moderate to heavy precipitation across Kyrgyzstan, central and southeast Kazakhstan, northern and southeast Pakistan, and eastern Afghanistan during 04 August 2022 – 10 August 2022. Some greater amounts of precipitation around 25mm to 50mm are possible across northern and eastern Kyrgyzstan during outlook period. A flooding polygon is posted across northern and eastern Kyrgyzstan, and eastern Afghanistan region.



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, jverdin@usaid.gov.