

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 28 July, 2022 – 03 August, 2022

Temperature:

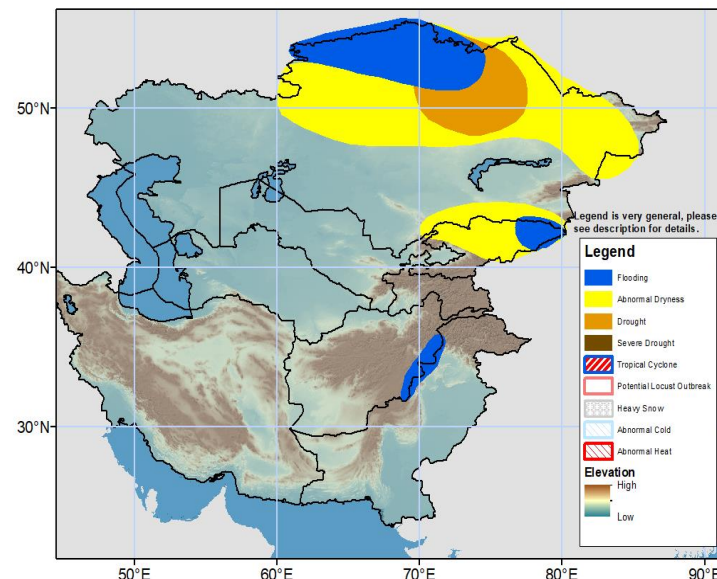
Weekly average maximum temperatures were above normal (2 to 6 °C) across central, southern, and southeast Kazakhstan, Uzbekistan, central and eastern Turkmenistan, Kyrgyzstan, Tajikistan, and western, southwest, and northeast Afghanistan during 19 July 2022 – 25 July 2022, with maximum temperatures above normal (6 to 8 °C) in the southern Kazakhstan and central Tajikistan. Weekly average maximum temperatures were observed around 40 to 45 °C across southern Kazakhstan, Uzbekistan, central and eastern Turkmenistan, and northwest and southern Afghanistan, with maximum temperature above 45 °C limited to the lower elevations of Afghanistan.

The GEFS model forecasts above normal mean temperatures (1 to 6 °C) across northeast and eastern Kazakhstan, northern Kyrgyzstan, eastern Tajikistan, and southern Afghanistan during 28 July 2022 – 03 August 2022. In contrast, below normal mean temperatures are forecast across southwest and central Kazakhstan, western Turkmenistan, and central Uzbekistan. Weekly average maximum temperatures are forecast around 40 to 45 °C across southern Afghanistan.

Precipitation:

According to reports, heavy rainfall has triggered flash flood in the eastern regions of Afghanistan on 24 July 2022 resulting in 13 fatalities, 20 injuries and infrastructures damages. Heavy rainfall has triggered flash flood in Fars Province southwest Iran since 22 July 2022 resulting in 22 fatalities. Light to moderate precipitation was observed northern and northeast Kazakhstan, and eastern and southeast Afghanistan during the period 19 July 2022 – 25 July 2022. The multiple rainfall estimates of 90-day precipitation depicts below normal rainfall around -100mm to -25mm across eastern north-Kazakhstan, Akmola, northern Karaganda, Pavlodar, and central and eastern Kostanay regions of Kazakhstan. The current drought hazard is extended to western Pavlodar and northern Karaganda regions of Kazakhstan.

The GEFS weekly ensemble mean forecasts moderate to heavy precipitation (10mm to 50mm) across northern and northeast Kazakhstan, Kyrgyzstan, northwest and eastern Tajikistan, and eastern and southeast Afghanistan during 28 July 2022 – 03 August 2022. Some greater amounts of precipitation around 25mm to 75mm are possible across northern, western and southwest Pakistan, and southern and southeast Iran. A flooding polygon is posted across eastern Afghanistan, northern Kazakhstan, and northern Kyrgyzstan 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, jverdind@usaid.gov.