

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 30 June, 2022 – 06 July, 2022

Temperature:

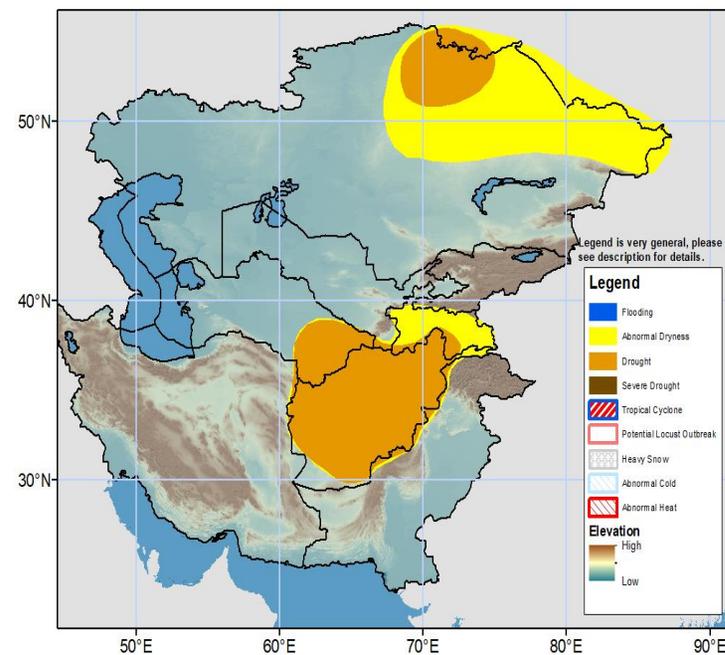
Weekly average maximum temperatures were above normal (2 to 8 °C) across eastern Kazakhstan during 21 June, 2022 – 27 June, 2022. Maximum temperatures were also above normal (2 to 4 °C) across western and central Kazakhstan, western and central Uzbekistan, Turkmenistan, northern and eastern Kyrgyzstan, and southwest Afghanistan. In contrast, below normal mean temperatures were observed across eastern Afghanistan. Weekly average maximum temperatures were observed around 35 to 40 °C across northern Turkmenistan, western and central Uzbekistan, and southern Kazakhstan, with maximum temperature above 40 °C across southern Afghanistan and central Turkmenistan.

The GEFS model forecasts below normal mean temperatures (-6 to -1 °C) across western, northern and central Kazakhstan, western Uzbekistan, and western Turkmenistan during 30 June, 2022 – 06 July, 2022. In contrast, above normal mean temperatures are forecast across southeast Kazakhstan, Kyrgyzstan, Tajikistan, Afghanistan, and southeast Uzbekistan. Weekly average maximum temperatures are forecast around 35 to 40 °C across central and eastern Turkmenistan, eastern Uzbekistan, and southern Kazakhstan. Weekly average maximum temperatures are forecast around 40 to 45 °C in southern and northwest Afghanistan and northeast Turkmenistan.

Precipitation:

Heavy rainfall has triggered flash flood in the eight Provinces of northern and western Afghanistan on 20 to 22 June 2022 resulting 11 fatalities, 50 injuries and infrastructures damages according to reports. Moderate to heavy precipitation was observed eastern Afghanistan and northern Kazakhstan during the period 21 June, 2022 – 27 June, 2022. Light precipitation was observed across Tajikistan, southern Kazakhstan, and western Kyrgyzstan. Based on USGS snow depth and snow water equivalent (SWE) analysis, negative snow depth and SWE anomalies currently exist across eastern, central, northwest Tajikistan, northeast Afghanistan, and western and eastern Kyrgyzstan.

The GEFS weekly ensemble mean forecasts light to moderate precipitation across northwest, northern and eastern Kazakhstan, central and northern Kyrgyzstan, and in for eastern Afghanistan during 30 June, 2022 – 06 July, 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. Questions about the USAID FEWS NET activity may be directed to Dr. James Verdin, Program Manager, FEWS NET/USAID, jverd@usaid.gov.