

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 02 June, 2022 – 08 June, 2022

Temperature:

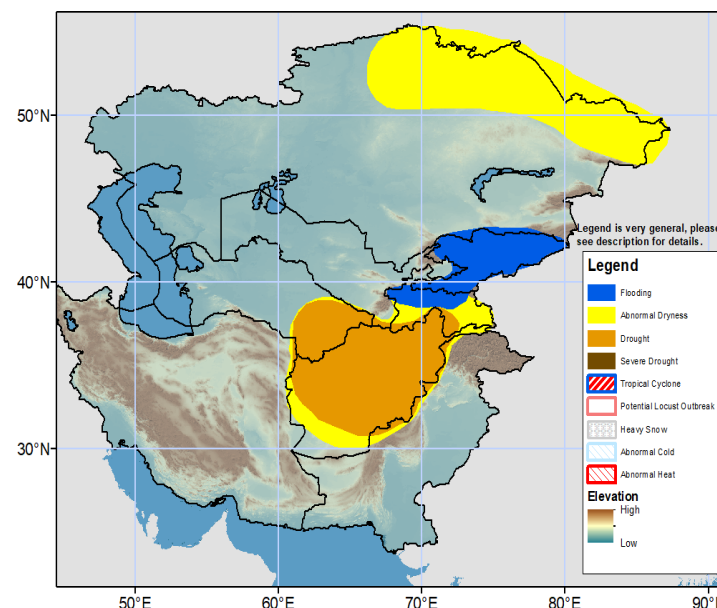
Weekly average maximum temperatures were above normal (2 to 8 °C) across northern and eastern Kazakhstan, northeast Afghanistan, and eastern Tajikistan during 24 May, 2022 – 30 May, 2022. In contrast, below normal mean temperatures were observed across northwest Kazakhstan. Weekly average maximum temperatures were observed around 35 to 40 °C across southern Afghanistan.

The GEFS model forecasts above normal temperature (1 to 4 °C) across western, northwest, and southwest Kazakhstan, western Uzbekistan, western Turkmenistan, eastern Tajikistan, and northeast Afghanistan during 02 June, 2022 – 08 June, 2022. In contrast, below normal mean temperatures are forecast across northeast and eastern Kazakhstan, northeast Kyrgyzstan, and western and southern Afghanistan. Weekly average maximum temperatures are forecast around 35 to 40 °C across southern Afghanistan and Turkmenistan. Weekly average minimum temperatures are forecast around -5 to 0 °C across eastern Tajikistan.

Precipitation:

Moderate to heavy precipitation was observed across Kyrgyzstan, southeast Kazakhstan, northwest Tajikistan, and northeast Uzbekistan during the period 24 May, 2022 – 30 May, 2022. Light precipitation was observed across northwest and central Kazakhstan and northeast Afghanistan. The past ninety-day below-average rainfall negatively affected vegetation condition across central, northwest and southern regions of Afghanistan. Therefore, the current drought hazard is extended to central, northwest, and southern regions of Afghanistan. The multiple rainfall estimates of 30-day precipitation depict below normal rainfall around 25 mm across northeast Kazakhstan. Therefore, the current abnormal dryness hazard is extended to northeast Kazakhstan. 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 moderate to heavy precipitation across Kyrgyzstan, eastern, central and northwest Tajikistan, northeast Afghanistan, and northern and eastern Kazakhstan during 02 June, 2022 – 08 June, 2022. Heavy precipitation around 25mm to 50mm is predicted across western Kyrgyzstan, and northwest Tajikistan. Therefore, a flooding polygon is posted across Kyrgyzstan, and central and northwest Tajikistan.



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.