

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 17 November, 2022 – 23 November, 2022

Temperature:

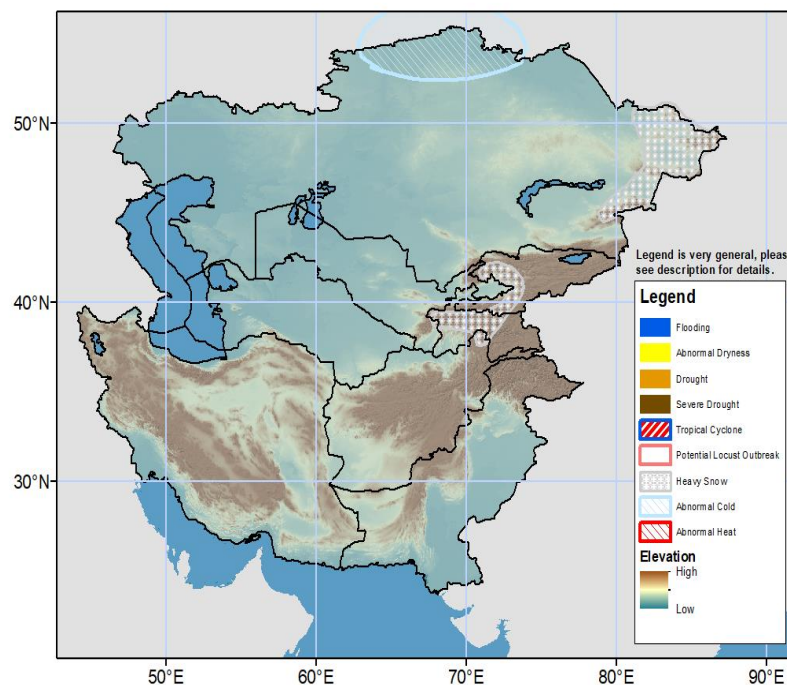
Weekly average minimum temperatures were above normal (2 to 6 °C) across northwest, Aktobe, northern, and eastern Kazakhstan during 08 – 14 November 2022, with 4 to 8 °C above normal in the northern Kazakhstan. In contrast, below normal minimum temperatures were observed across southern and eastern Turkmenistan, eastern Uzbekistan, northern and eastern Tajikistan, Kyrgystan, and western Afghanistan. Weekly average minimum temperatures were observed around -15 to -5 °C across Kyrgyzstan, northwest, central and eastern Tajikistan, while minimum temperatures were observed around -10 to 0 °C across northern, central and eastern Kazakhstan, and central and northeast Afghanistan.

The GEFS model forecasts below normal temperature (-6 to -1 °C) across northern Kazakhstan and southeast Tajikistan during the period 17 – 23 November 2022, with -6 to -4 °C below normal in for northern Kazakhstan region. In contrast, above normal mean temperatures are forecast across Uzbekistan, Turkmenistan, western and southern Afghanistan, southwest Tajikistan, and western, southern and southeast Kazakhstan. Weekly average minimum temperatures are forecast around -25 to -10 °C across central and eastern Tajikistan, while minimum temperature are forecast around -15 to -5 °C across northern and eastern Kazakhstan, Kyrgystan, and central and northeast Afghanistan regions. An abnormal cold hazard is posted across northern regions of Kazakhstan.

Precipitation:

Moderate to heavy precipitation was observed across western and central Tajikistan, northern and northeast Afghanistan, eastern Uzbekistan, western Kyrgystan, and southern, eastern and northern Kazakhstan during 08 – 14 November 2022. Some greater amount of precipitation (25mm to 50mm) was observed across western Tajikistan, northeast Uzbekistan, and northwest Afghanistan. Based on USGS snow depth and snow water equivalent (SWE) analysis, positive snow depth and SWE anomalies currently exist across central and northwest Tajikistan and in for northern Afghanistan.

The GEFS weekly ensemble mean forecasts moderate to heavy precipitation across western and central Tajikistan, southern Kyrgyzstan, northern Afghanistan, eastern Uzbekistan, northwest, northern, and eastern Kazakhstan, and southwest Iran during 17 – 23 November 2022. Light to moderate precipitations are possible across central and southeast Kazakhstan, and western Afghanistan. Heavy snowfall is predicted across central and northwest Tajikistan, in for northern Afghanistan, southern Kyrgyzstan, and eastern Kazakhstan regions during outlook period. Therefore, a heavy snow polygon is posted.



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.