

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 14 April, 2022 – 20 April, 2022

Temperature:

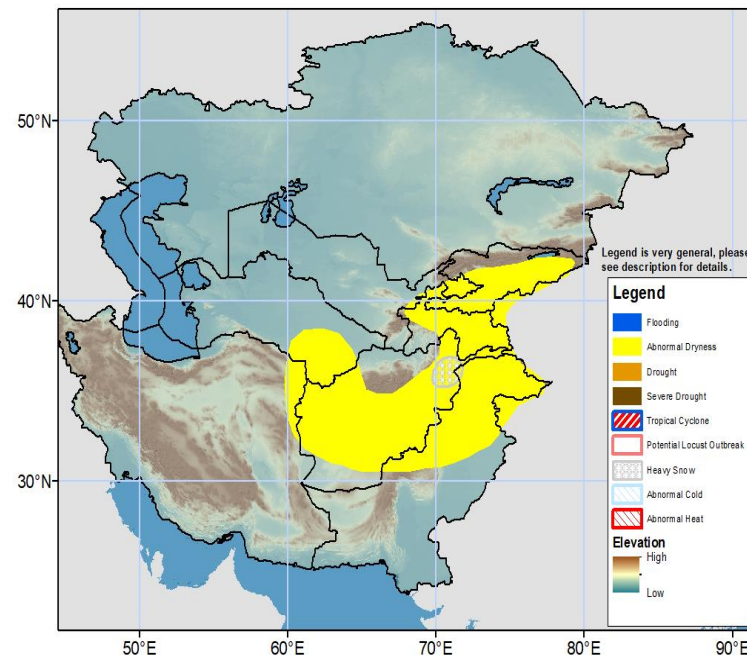
Weekly average minimum temperatures were above normal (4 to 8 °C) across western, southern, and eastern Kazakhstan, Uzbekistan, central and eastern Turkmenistan, Kyrgyzstan, western and eastern Afghanistan, and western Pakistan during 05 April, 2022 – 11 April, 2022. Weekly average maximum temperatures were above normal (4 to 12 °C) across southern and eastern Kazakhstan, Uzbekistan, central and eastern Turkmenistan, Kyrgyzstan, Tajikistan, Afghanistan, and Pakistan. Weekly average minimum temperatures were observed around -5 to 0 °C across northeast Kyrgyzstan and eastern Tajikistan. Weekly average maximum temperatures were observed around 35 to 40 °C across southern Afghanistan.

The GEFS model forecasts above normal temperature (1 to 6 °C) across Kazakhstan, Uzbekistan, northeast Turkmenistan, western Tajikistan, southern Kyrgyzstan, northwest and southeast Afghanistan, and central and eastern Pakistan during 14 April, 2022 – 20 April, 2022. Weekly average temperatures are forecast around 10 to 25 °C across Kazakhstan, southern Kyrgyzstan, Uzbekistan, Turkmenistan, and northern Afghanistan. Weekly average minimum temperatures are forecast around -15 to 0 °C across eastern Tajikistan, and northeast Kyrgyzstan. Weekly average maximum temperatures are forecast around 30 to 35 °C across southern regions of Afghanistan.

Precipitation:

Light precipitation was observed across northwest and eastern Kazakhstan, northeast Afghanistan, and central Turkmenistan during the period 05 April, 2022 – 11 April, 2022. Based on USGS snow depth and snow water equivalent (SWE) analysis, negative snow depth and SWE anomalies currently exists across eastern, central, northwest Tajikistan, central and northeast Afghanistan, and western and eastern Kyrgyzstan. Snow water volume is observed below normal across all the basins of Afghanistan. Most of the streamflow hydrographs in the southwest and eastern regions of Afghanistan are depicting low streamflow.

The GEFS weekly ensemble mean forecasts light to moderate precipitation across Tajikistan, Kyrgyzstan, central, northern and northwest Afghanistan, northwest, and southern Kazakhstan, Turkmenistan and eastern Uzbekistan during 14 April, 2022 – 20 April, 2022. Heavy snowfall is predicted across northeast Afghanistan 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.