

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 24 March, 2022 – 30 March, 2022

Temperature:

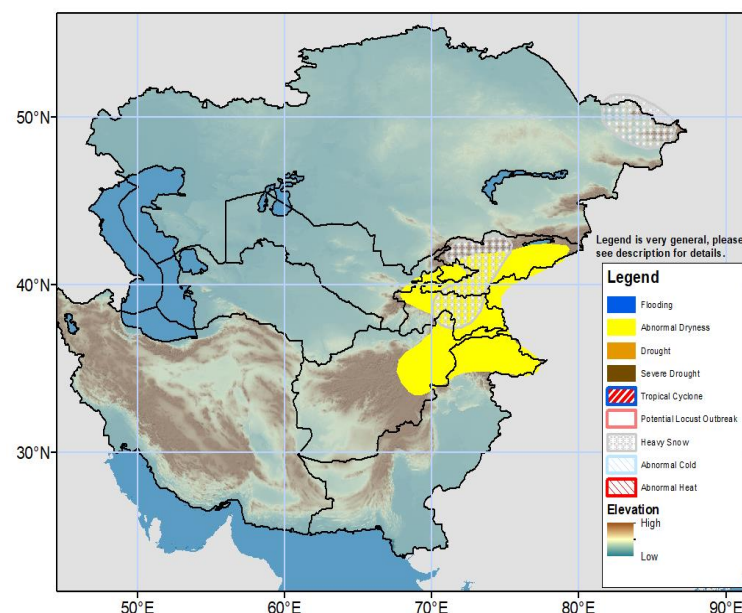
Weekly average minimum temperatures were below normal (-12 to -4 °C) across western and northern Kazakhstan during 15 March, 2022 – 21 March, 2022. In contrast, above normal mean temperatures were observed across eastern Kyrgyzstan, eastern Tajikistan, eastern Afghanistan, and Pakistan. Weekly average minimum temperatures were observed around -25 to -15 °C across northern Kazakhstan, while minimum temperatures were around -10 to 0 °C across Kyrgyzstan, central and eastern Tajikistan, central Afghanistan, and western Uzbekistan.

The GEFS model forecasts below normal temperature (-4 to -1 °C) across Kazakhstan, Uzbekistan, Turkmenistan, Kyrgyzstan, and western Afghanistan during 24 March, 2022 – 30 March, 2022. In contrast, above normal mean temperatures are forecast across central and eastern Afghanistan, and Pakistan.

Precipitation:

Heavy rainfall has triggered flash flood in Nangarhar Province, Afghanistan over the past 72 hours resulting in 2 fatalities and hundreds of hectares of agricultural land severely damages according to reports. Moderate to heavy precipitation was observed across western and central Tajikistan, central Turkmenistan, central and eastern Uzbekistan, Kyrgyzstan, southern and eastern Kazakhstan, northern Afghanistan, and northern Pakistan during the period 15 March, 2022 – 21 March, 2022. The multiple rainfall estimates of 30-day precipitation depicts improved moisture across northwest and central Afghanistan, eastern Turkmenistan, eastern Uzbekistan and southern Kazakhstan. Therefore, the current abnormal dryness hazard has been removed from these regions. Above average temperatures across western and southern Afghanistan region since start of the March could lead to an increase in snowmelt. Most of the streamflow hydrographs in the western and southern Afghanistan region are depicting high streamflow.

The GEFS weekly ensemble mean forecasts moderate to heavy precipitation across Tajikistan, Kyrgyzstan, northeast Uzbekistan, southern and eastern Kazakhstan, northern Pakistan, and in for northern Afghanistan during 24 March, 2022 – 30 March, 2022. Heavy snowfall is predicted across central Tajikistan, southern Kyrgyzstan, in for northern Afghanistan, and northeast Kazakhstan during the 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), and assesses their potential impact on crop and pasture conditions. Shaded polygons are added in areas where anomalous conditions have been observed. The boundaries of these polygons are only approximate at this continental scale. This product does not reflect long range seasonal climate forecasts or indicate current or projected food security conditions.

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