

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

### Temperature:

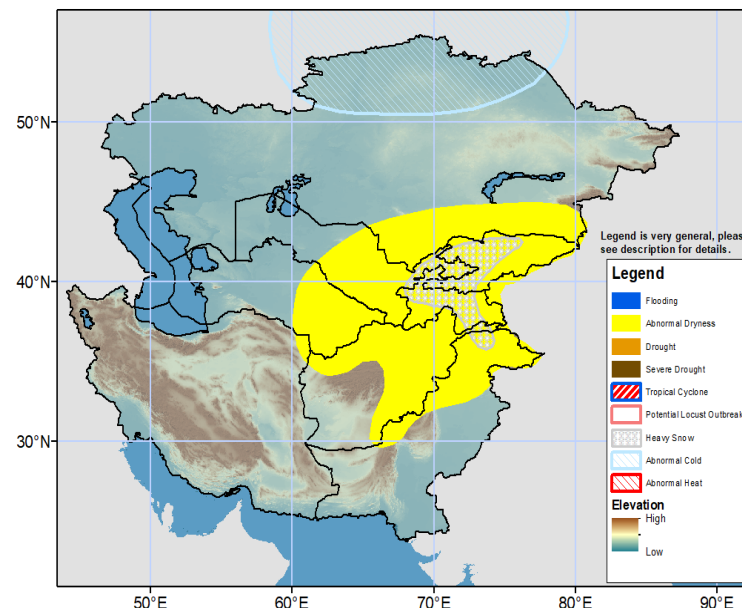
Weekly average minimum temperatures were above normal (2 to 8 °C) across southern and eastern Kazakhstan, Uzbekistan, eastern Turkmenistan, Kyrgyzstan, eastern Tajikistan, and western and southern Afghanistan during 08 March, 2022 – 14 March, 2022. In contrast, below normal mean temperatures were observed across northern Kazakhstan. Weekly average minimum temperatures were observed around -20 to 0 °C across northwest, northern and northeast Kazakhstan, while minimum temperatures were around -10 to 0 °C across Kyrgyzstan, central and eastern Tajikistan, and northeast Afghanistan.

The GEFS model forecasts below normal temperature (-8 to -1 °C) across Kazakhstan, Uzbekistan, Turkmenistan, western Kyrgyzstan, and western Afghanistan during 17 March, 2022 – 23 March, 2022. In contrast, above normal mean temperature are forecast across Tajikistan, central and eastern Afghanistan, and Pakistan. Weekly average minimum temperatures are forecast around -20 to 0 °C across northwest, northern, and northeast Kazakhstan, Kyrgyzstan, Tajikistan, and northeast Afghanistan. Based on the magnitude of minimum temperatures anomalies, an abnormal cold polygon is posted across northern Kazakhstan.

### Precipitation:

Moderate to heavy precipitation was observed across northwest, central and northern Afghanistan, northwest Pakistan, western and central Tajikistan, central and northeast Turkmenistan, central and eastern Uzbekistan, southern and western Kyrgyzstan, western, southern and eastern Kazakhstan during the period 08 March, 2022 – 14 March, 2022. Some greater amounts of precipitation (50mm to 75mm) was also observed across western Tajikistan and in for northeast Uzbekistan. Based on USGS snowfall and snow water equivalent (SWE) analysis, negative snow depth and SWE anomalies currently exists across eastern, central, northwest Tajikistan, northern and northeast Afghanistan, and Kyrgyzstan.

The GEFS weekly ensemble mean forecasts moderate to heavy precipitation across Tajikistan, Kyrgyzstan, central and eastern Uzbekistan, central Turkmenistan, southern and southeast Kazakhstan, northeast Afghanistan, and northern Pakistan during 17 March, 2022 – 23 March, 2022. Heavy snowfall is predicted across central and northwest Tajikistan, southern and western Kyrgyzstan, and northwest Pakistan 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), 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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