

## Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 10 March, 2022 – 16 March, 2022

### Temperature:

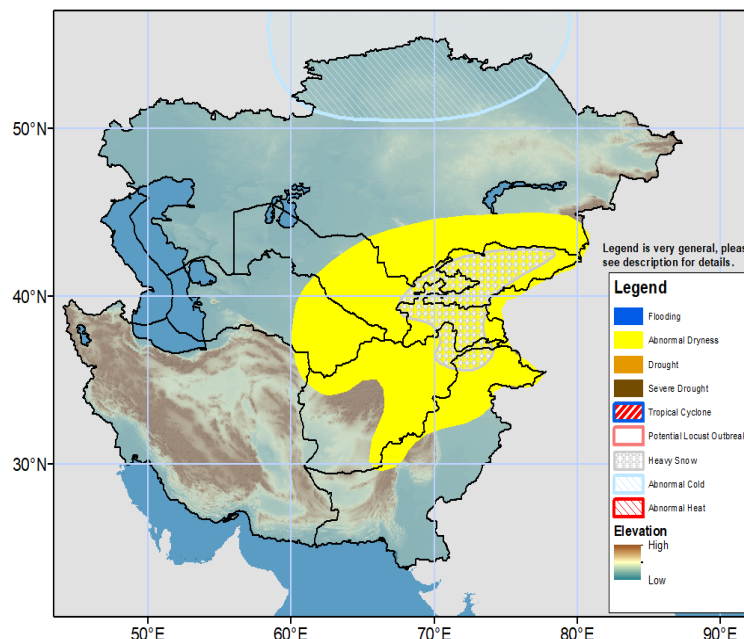
Weekly average minimum temperatures were above normal (4 to 12 °C) across Kazakhstan, Uzbekistan, Turkmenistan, southern and central Kyrgyzstan, and northwest Afghanistan during 01 March, 2022 – 07 March, 2022. Weekly average minimum temperatures were observed around -15 to 0 °C across Kyrgyzstan, Tajikistan, northwest, northern and eastern Kazakhstan, while minimum temperatures were around -10 to 0 °C across central and northeast Afghanistan.

The GEFS model forecasts below normal temperature (-8 to -1 °C) across western and northern Kazakhstan, western Uzbekistan, and western Turkmenistan during 10 March, 2022 – 16 March, 2022. In contrast, above normal mean temperature are forecast across eastern Uzbekistan, eastern Turkmenistan, Tajikistan, Kyrgyzstan, southeast Kazakhstan, Afghanistan, and Pakistan. Weekly average minimum temperatures are forecast around -20 to 0 °C across northwest, northern, and northeast Kazakhstan, Kyrgyzstan, Tajikistan, and central and northeast Afghanistan. Weekly minimum temperatures are forecast to average more than -20 °C below across northern Kazakhstan. Based on the magnitude of minimum temperatures anomalies, an abnormal cold polygon is posted across northern Kazakhstan.

### Precipitation:

Light to moderate precipitation was observed across northwest, central and northern Afghanistan, northern and central Pakistan, western Tajikistan, central and eastern Uzbekistan, western, southern, and eastern Kazakhstan during the period 01 March, 2022 – 07 March, 2022. Some greater amounts of precipitation (25mm to 50mm) was also observed across northern Pakistan. 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 northern Afghanistan, northern Pakistan, Tajikistan, Kyrgyzstan, southern, southeast and southwest Kazakhstan, northeast Turkmenistan, and eastern Uzbekistan during 10 March, 2022 – 16 March, 2022. Heavy snowfall is predicted across central and northwest Tajikistan, southern and southwest Kyrgyzstan, northeast Afghanistan, 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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