

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

Temperature:

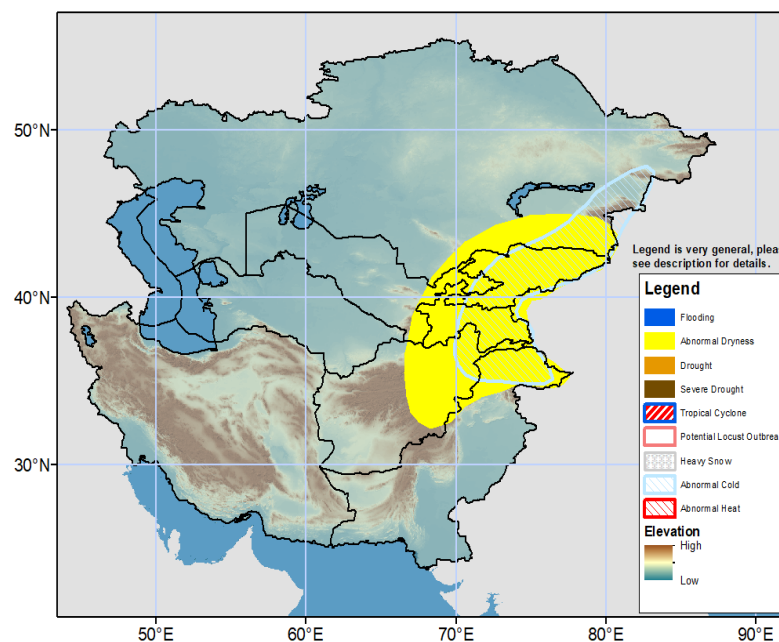
Weekly average minimum temperatures were above normal (4 to 8 °C) across western, central, and southern Kazakhstan, and western Uzbekistan during 08 February, 2022 – 14 February, 2022. Minimum average temperatures were also above normal (2 to 4 °C) across eastern Uzbekistan, northwest and eastern Turkmenistan, northwest Afghanistan, and southern Kyrgyzstan. In contrast, below normal mean temperatures were observed across northeast Kazakhstan. Weekly average minimum temperatures were observed around -5 to -25 °C across Kazakhstan, Kyrgyzstan, Tajikistan, while minimum temperatures were around 0 to -15 °C across central and northeast Afghanistan, and western Uzbekistan.

The GEFS model forecasts above normal temperature (1 to 8 °C) across western, northern, and southern Kazakhstan, Uzbekistan, Turkmenistan, and southeast and central Pakistan during 17 February, 2022 – 23 February, 2022. In contrast, below normal mean temperature are forecast across central and eastern Tajikistan, Kyrgyzstan, eastern Kazakhstan, northeast and central Afghanistan, and northern Pakistan. Weekly average minimum temperatures are forecast around 0 to -25 °C across Kyrgyzstan, Tajikistan, Kazakhstan, central and northeast Afghanistan, and northern Pakistan. Based on the magnitude of minimum temperatures anomalies, an abnormal cold polygon is posted across central and eastern Tajikistan, Kyrgyzstan, southeast Kazakhstan, northern Pakistan and in for northern Afghanistan.

Precipitation:

Light to moderate precipitation was observed across western, central and southeast Kazakhstan, Kyrgyzstan, western Tajikistan, and southwest Afghanistan during the period 08 February, 2022 – 14 February, 2022. Based on USGS snowfall and snow water equivalent (SWE) analysis, negative snow depth and SWE anomalies currently exists across eastern, central, northwest Tajikistan, northeast Afghanistan, and Kyrgyzstan. The multiple rainfall estimates of 30-day precipitation depicts below normal rainfall around 25 mm across northeast Afghanistan and northern Pakistan. The current abnormal dryness hazard is extended to northern regions of Afghanistan and northern regions of Pakistan.

The GEFS weekly ensemble mean forecasts light precipitation across western Tajikistan, northwest Kazakhstan, northern Afghanistan, and northern Pakistan during 17 February, 2022 – 23 February, 2022.



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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