

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 16 December – 22 December, 2021

Temperature:

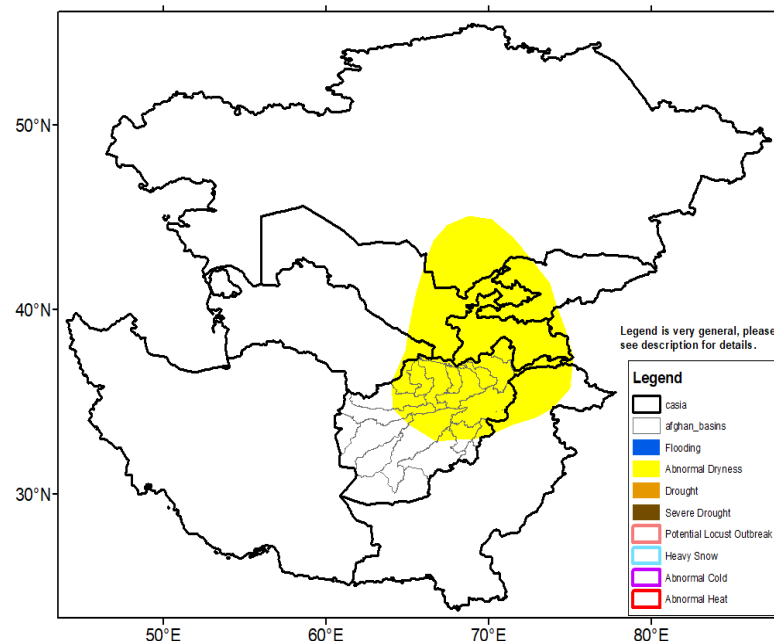
Weekly average minimum temperatures were above normal (2 to 6 °C) across western and southern Kazakhstan, western and central Uzbekistan, western Turkmenistan, and southern Kyrgyzstan during 07 December – 13 December, 2021. Weekly average maximum temperatures were above-normal (2 to 6 °C) across western and southern Kazakhstan, Uzbekistan, western and eastern Turkmenistan, southern Kyrgyzstan, western Tajikistan, Afghanistan, and northwest Pakistan. Weekly average minimum temperatures were observed around -5 to -20 °C across Kyrgyzstan, eastern Tajikistan, northwest, northern and eastern Kazakhstan, while minimum temperatures were around 0 to -10 °C across central and northeast Afghanistan and western Uzbekistan.

The GEFS model forecasts above normal temperature (4 to 10 °C) across Kazakhstan, Uzbekistan, Turkmenistan, Kyrgyzstan, western and southern Afghanistan, and western Tajikistan during 16 December – 22 December. In contrast, below normal mean temperature are forecast across northeast Pakistan, and eastern Tajikistan. Weekly average temperatures are forecast around 0 to -10 °C across northwest, northern and eastern Kazakhstan. Weekly average minimum temperatures are forecast around 0 to -15 °C across Kyrgyzstan, Tajikistan, northern, western, and eastern Kazakhstan, central and northeast Afghanistan, and northern Pakistan. Weekly minimum temperatures are forecast to average more than -20 °C below normal across eastern Tajikistan.

Precipitation:

Light to moderate precipitation was observed across western, southern, and eastern Kazakhstan, central Kazakhstan, and northern Kyrgyzstan during the period 07 December – 13 December, 2021. Based on USGS snowfall and snow water equivalent (SWE) analysis, negative snow depth and SWE anomalies currently exists across Tajikistan, northeast and central Afghanistan, western and eastern Kyrgyzstan, and northwest Pakistan.

The GEFS weekly ensemble mean forecasts light to moderate precipitation across Tajikistan, northern Afghanistan, western and southern Kyrgyzstan, Uzbekistan, Kazakhstan, and western and eastern Turkmenistan during 16 December – 22 December. Some greater amounts of precipitation around 25-50mm are possible in for northwest and central Tajikistan.



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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