

## Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 30 December, 2021 – 05 January, 2022

### Temperature:

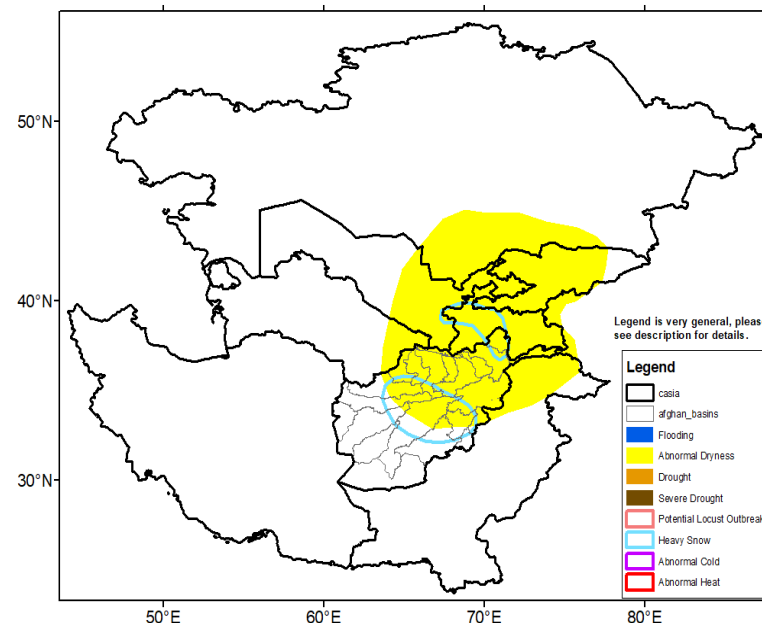
Weekly average minimum temperatures were above normal (4 to 12 °C) across central, northeast, and eastern Kazakhstan during 21 December – 27 December, 2021. Minimum average temperatures were also above normal (2 to 6 °C) across eastern Uzbekistan, eastern Turkmenistan, northwest and southeast Afghanistan, and southwest Kyrgyzstan. In contrast, below normal mean temperatures were observed across northeast Tajikistan. Weekly average minimum temperatures were observed around -5 to -15 °C across Kyrgyzstan, Tajikistan, and northwest, northern and eastern Kazakhstan, while minimum temperatures were around 0 to -10 °C across central and northeast Afghanistan, western Uzbekistan, and southeast Kazakhstan.

The GEFS model forecasts above normal temperature (1 to 6 °C) across Kazakhstan, Uzbekistan, Turkmenistan, Kyrgyzstan, Afghanistan, Pakistan, and Tajikistan during 30 December, 2021 – 05 January, 2022. Weekly average minimum temperatures are forecast around 0 to -15 °C across Kyrgyzstan, Tajikistan, Kazakhstan, central and northeast Afghanistan, northern Pakistan, and western Uzbekistan. Weekly minimum temperatures are forecast to average more than -20 °C below across eastern Tajikistan.

### Precipitation:

Light to moderate precipitation was observed across northwest, central and northern Kazakhstan, western and eastern Uzbekistan, western Turkmenistan, western Tajikistan, northern Afghanistan, southwest Kyrgyzstan, and northern Pakistan during the period 21 December – 27 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, Kyrgyzstan, and northwest Pakistan.

The GEFS weekly ensemble mean forecasts moderate to heavy precipitation across Afghanistan, Tajikistan, eastern Uzbekistan, eastern Turkmenistan, southwest Kyrgyzstan, northern Pakistan, and northwest and northeast Kazakhstan during 30 December, 2021 – 05 January, 2022. Some greater amounts of precipitation around 25-75mm are possible across southern and central regions of Afghanistan, and southeast Turkmenistan during outlook period. Heavy snowfall is predicted across central and in for northern regions of Afghanistan, and central and northwest Tajikistan during outlook period.



**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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