

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 06 January, 2022 – 12 January, 2022

Temperature:

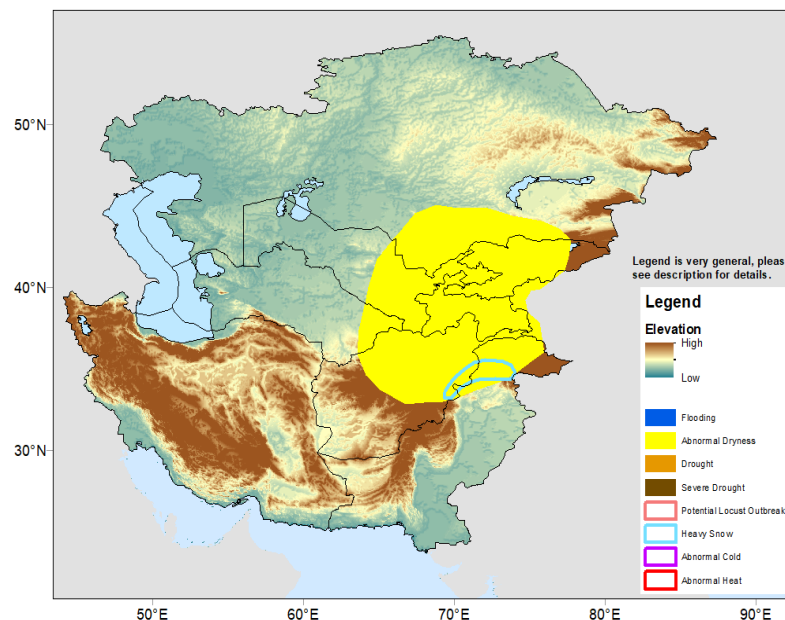
Weekly average minimum temperatures were below normal (-2 to -4 °C) across northwest and northern Kazakhstan, central Turkmenistan, and eastern Tajikistan during 28 December, 2021 – 03 January, 2022. In contrast, above normal mean temperatures were observed across southeast Kazakhstan, southern Afghanistan and southern Pakistan. Weekly average minimum temperatures were observed around -5 to -20 °C across Kyrgyzstan, Tajikistan, and Kazakhstan, while minimum temperatures were around 0 to -15 °C across central and northeast Afghanistan, Uzbekistan, and central Turkmenistan.

The GEFS model forecasts above normal temperature (1 to 6 °C) across Kazakhstan, Uzbekistan, Turkmenistan, Kyrgyzstan, western Tajikistan, southern and northern Afghanistan, and northern and eastern Pakistan during 06 January, 2022 – 12 January, 2022. In contrast, below normal mean temperature are forecast across southwest Pakistan. 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 Afghanistan, western Tajikistan, eastern Uzbekistan, eastern Turkmenistan, southwest Kyrgyzstan, and northwest, southeast and northern Kazakhstan, and northern and northwest Pakistan during the period 28 December, 2021 – 03 January, 2022. 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 Pakistan, eastern Afghanistan, northwest and northern Kazakhstan, and eastern Uzbekistan during 06 January, 2022 – 12 January, 2022. Some greater amounts of precipitation around 25mm to 50mm are possible across Pakistan during outlook period. Heavy snowfall is predicted across northeast Afghanistan, and northern 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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