

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 19 August – 25 August, 2021

Temperatures:

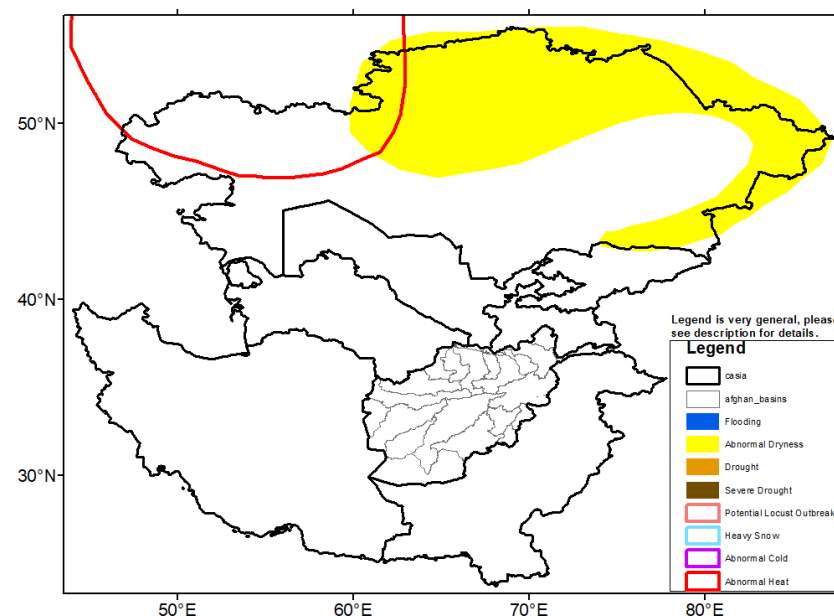
Above-normal mean temperatures (2 to 8 °C) prevailed across western Kazakhstan during 10 August - 16 August, while northeast Kazakhstan registered mean temperature 2 °C to 6 °C below average. Near normal mean temperatures prevailed across Uzbekistan, eastern Turkmenistan, and Afghanistan. Observed maximum average temperatures were registered around 40 to 45 °C across southern Afghanistan, and southern Pakistan.

The GEFS model forecasts an above normal mean temperature across western Kazakhstan where temperatures are forecast to average more than 4 to 8 °C above normal during the outlook period. Based on the magnitude of temperature anomalies, an abnormal heat hazard is posted over there. In contrast, below-normal temperatures are forecast across eastern Tajikistan, northern Afghanistan, and northern Pakistan.

Precipitation

Moderate precipitation (10 to 50 mm) was observed across northeast Kazakhstan, northeast Kyrgyzstan, northwest Tajikistan, northeast Afghanistan, and northern Pakistan during 10 August - 16 August. Based on CMORPH estimates of 30-day precipitation deficits of more than 25 mm, the current abnormal dryness hazard is extended to the west to include all of Kustanayskaya, where poor and degraded vegetation conditions were also depicted. The standard precipitation index (SPI) depicts below normal value over there.

The GEFS weekly ensemble mean forecasts 5mm to 25mm of precipitation across northeast Kyrgyzstan, northeast Tajikistan, northeast Afghanistan, and northern Pakistan. Mostly dry weather is forecast for the remaining areas of Central Asia.



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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