

## Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET January 21 - 27, 2021

### Temperatures:

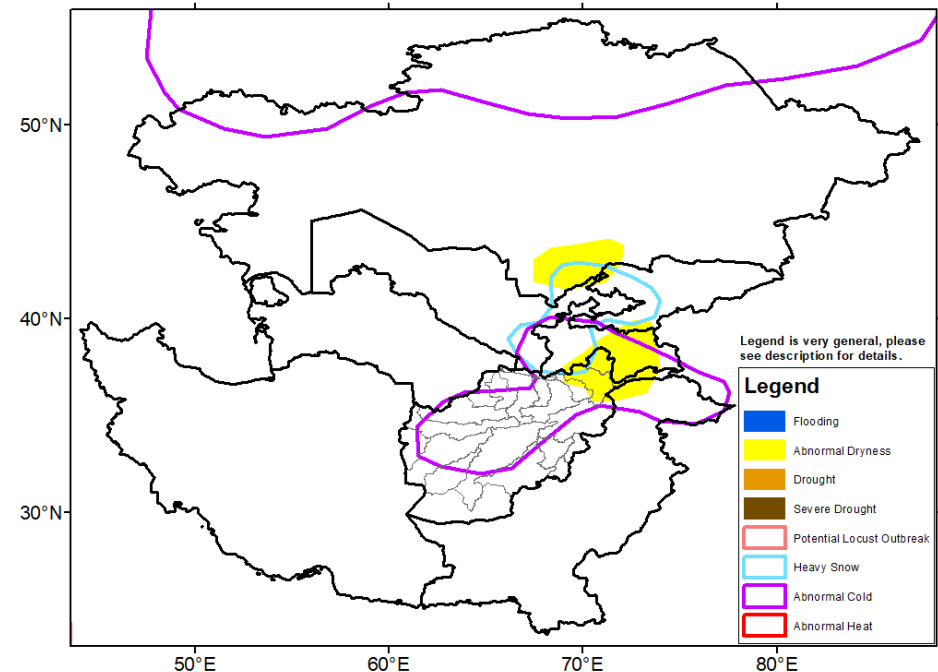
From January 10-16, mean temperatures averaged below-normal across Kazakhstan, eastern Tajikistan, and northeast Afghanistan. Minimum temperature fell below -30 degrees Celsius over central and northern Kazakhstan. In contrast, surface temperatures were above-normal over the remainders of the region, including Turkmenistan, Uzbekistan, Kyrgyzstan, and Afghanistan, where maximum temperature ranged in the upper 10s and lower 20s.

During the outlook period, below-normal temperatures are forecast to return over northern Kazakhstan, Tajikistan, and a wide area of Afghanistan. Abnormal cold hazards are posted over those above-mentioned regions, where minimum temperature may fall 8 degrees Celsius or more below normal.

### Precipitation

During the past week, moderate to heavy snowfall was received over the western, eastern and southeastern Kazakhstan, and Kyrgyzstan. In contrast, suppressed precipitation prevailed elsewhere. Over the past thirty days, precipitation was below-normal, with deficits exceeding 50 mm (liquid equivalent), over portions of southern Kazakhstan, eastern Tajikistan, northeast and northern Afghanistan. Additionally, large negative snow water equivalent anomalies were observed over Kyrgyzstan, Tajikistan, and northeast Afghanistan. Abnormal dryness hazards are posted over the dry portions of Central Asia, where significant precipitation and snow depth deficits were registered.

During the outlook period, model precipitation forecasts suggest heavy snowfall over parts of southern Kazakhstan, Kyrgyzstan, southern Uzbekistan, and western Tajikistan. A heavy snow polygon is posted over areas, where precipitation amounts could exceed 25 mm liquid equivalent. Moderate to locally heavy snow is also expected across central and eastern Kazakhstan, northern and northeastern Afghanistan, and northern Pakistan, which should help alleviate dryness in the region.



**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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