

## Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET January 7 - 13, 2021

### Temperatures:

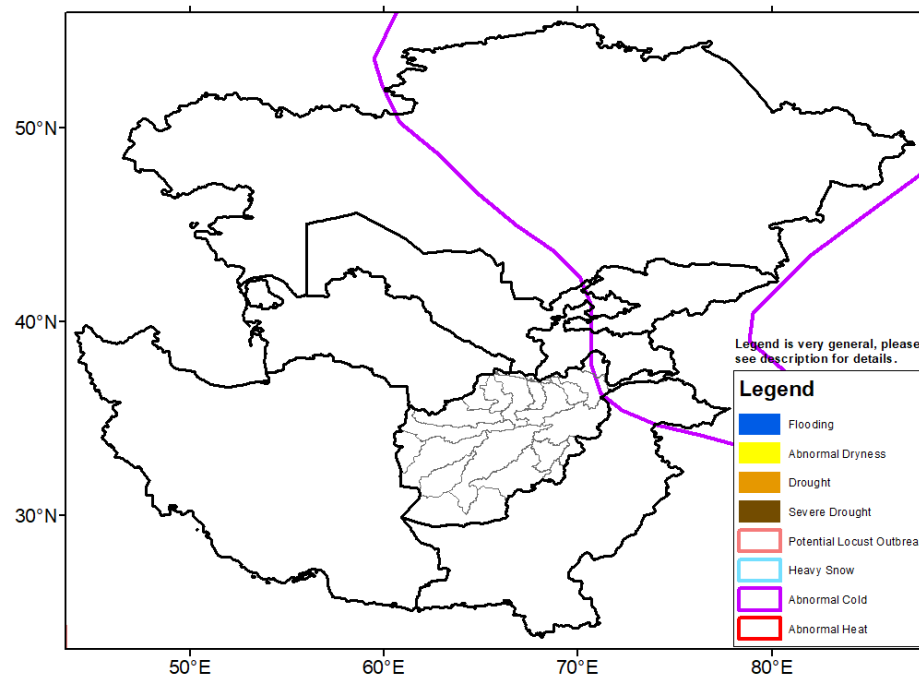
Below-normal temperatures (-4 to -12 degrees C) persisted across most of Central Asia from December 27 to January 2. During that time period, minimum temperatures fell below -35 degrees C across northeastern Kazakhstan, while minimum temperatures were around -10 degrees C as far south as northwest Afghanistan.

The GFS model depicts that Arctic air is likely to persist over northern and central Kazakhstan, where weekly temperatures are forecast to average more than -12 degrees C below normal and minimum temperatures are likely to remain below -30 degrees C. Based on the magnitude of this Arctic air, an abnormal cold hazard is posted for northern and central Kazakhstan. The abnormal cold hazard extends south to include Kyrgyzstan, eastern Tajikistan, and parts of northeast Afghanistan where below-normal temperatures are forecast through the beginning of the outlook period.

### Precipitation

According to the RFE satellite estimates and gauge observations, mostly dry weather prevailed throughout the region, with weekly amounts (December 27-January 2) generally below 5 mm, liquid equivalent. Based on the USGS snowfall analysis as of January 4, positive snow depth anomalies currently exist across the central highlands and parts of eastern Afghanistan. Snow depth anomalies are below-average at the higher elevations of northeast Afghanistan.

The GFS model indicates that little or no precipitation will fall throughout the region during early January. Though, light to moderate (up to 25 mm liquid equivalent) precipitation is possible in northern Kazakhstan and northern Pakistan.



**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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