Climate Prediction Center's Central Asia Hazards Outlook
For USAID / FEWS-NET
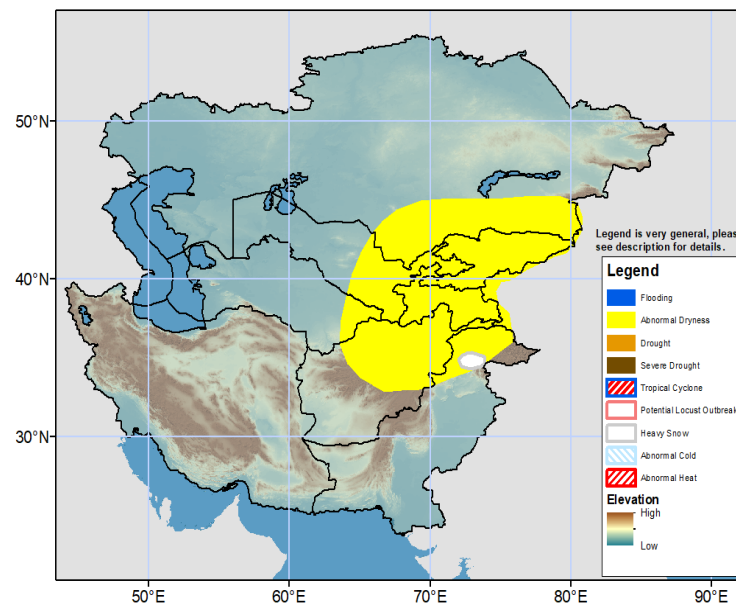## 20 January, 2022 – 26 January, 2022

Temperature:

Weekly average minimum temperatures were above normal (4 to 12 °C) across southern and eastern Kazakhstan, southwest Kyrgyzstan, Uzbekistan, northwest Afghanistan, and eastern Turkmenistan during 11 January, 2022 – 17 January, 2022. Weekly average minimum temperatures were observed around -5 to -20 °C across Kyrgyzstan, Tajikistan, northwest, northern, and eastern Kazakhstan, while minimum temperatures were around 0 to -10 °C across central and northeast Afghanistan, and western Uzbekistan.

The GEFS model forecasts above normal temperature (1 to 6 °C) across Kazakhstan, western and eastern Uzbekistan, Turkmenistan, northwest Kyrgyzstan, and southeast and central Pakistan during 20 January, 2022 – 26 January, 2022. In contrast, below normal mean temperature are forecast across eastern Tajikistan, central and northern Afghanistan, and northern Pakistan. Weekly average minimum temperatures are forecast around 0 to -20 °C across Kyrgyzstan, Tajikistan, Kazakhstan, central and northeast Afghanistan, northern Pakistan, and western Uzbekistan. Weekly minimum temperatures are forecast to average more than -25 °C below across eastern Tajikistan.

Precipitation:

Light precipitation was observed across Kazakhstan, Uzbekistan, western and eastern Turkmenistan, southwest Kyrgyzstan, western Tajikistan, and Afghanistan during the period 11 January 2022 – 17 January, 2022. Based on USGS snowfall and snow water equivalent (SWE) analysis, negative snow depth and SWE anomalies currently exists across eastern, central, northwest Tajikistan, northeast Afghanistan, and western and eastern Kyrgyzstan. The multiple rainfall estimates of 30-day precipitation depicts below normal rainfall around 25 mm across northern Kyrgyzstan and southeast Kazakhstan. The current abnormal dryness hazard is extended to northern regions of Kyrgyzstan and southeast Kazakhstan.

The GEFS weekly ensemble mean forecasts light to moderate precipitation across Afghanistan, western Tajikistan, eastern Uzbekistan, eastern Turkmenistan, western and southeast Kazakhstan, and central and northern Pakistan during 20 January, 2022 – 26 January, 2022. Heavy snowfall is predicted across northeast Pakistan during outlook period. Therefore, a heavy snow polygon is posted. Some greater amounts of precipitation around 25-50mm are possible across northern Pakistan during outlook period.

Legend is very general, please see description for details.

Legend
- Flooding
- Abnormal Dryness
- Drought
- Severe Drought
- Tropical Cyclone
- Potential Locust Outbreak
- Heavy Snow
- Abnormal Cold
- Abnormal Heat

Elevation
- High
- Low

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.