Climate Prediction Center's Central Asia Hazards Outlook
For USAID / FEWS-NET
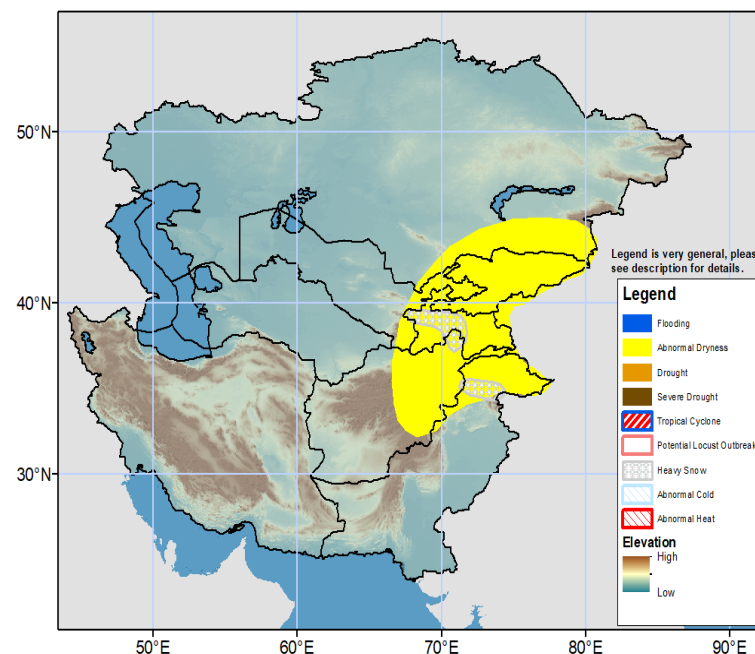# 24 February, 2022 – 02 March, 2022

Temperature:

Weekly average minimum temperatures were above normal (2 to 6 °C) across southwest, and northern Kazakhstan, and southeast Pakistan during 15 February, 2022 – 21 February, 2022. In contrast, below normal mean temperatures were observed across eastern Tajikistan, northern Kyrgystan, and southeast Kazakhstan. Weekly average minimum temperatures were observed around -5 to -20 °C across Kyrgyzstan, Tajikistan, Kazakhstan, while minimum temperatures were around 0 to -15 °C across central and northeast Afghanistan, Uzbekistan, and northern Turkmenistan.

The GEFS model forecasts above normal temperature (1 to 8 °C) across Kazakhstan, Uzbekistan, Turkmenistan, western Tajikistan, Kyrgystan, western and southern Afghanistan, and southern Pakistan during 24 February, 2022 – 02 March, 2022. In contrast, below normal mean temperature are forecast across northeast Pakistan. Weekly average minimum temperatures are forecast around 0 to -15 °C across Kyrgystan, Tajikistan, Kazakhstan, and central and northeast Afghanistan. Weekly minimum temperatures are forecast to average more than -20 °C below across eastern Tajikistan.

Precipitation:

Light precipitation was observed across northeast and eastern Kazakhstan, northwest Kyrgyzstan, northeast and southwest Afghanistan, and southeast Turkmenistan during the period 15 February, 2022 – 21 February, 2022. Based on USGS snowfall and snow water equivalent (SWE) analysis, negative snow depth and SWE anomalies currently exists across eastern, central, northwest Tajikistan, northern and northeast Afghanistan, and Kyrgyzstan.

The GEFS weekly ensemble mean forecasts moderate to heavy precipitation across central and northern Afghanistan, northern Pakistan, Tajikistan, and in for eastern Uzbekistan during 24 February, 2022 – 02 March, 2022. Light precipitation is predicted across northern, and southeast Kazakhstan, Kyrgystan, and southern and eastern Turkmenistan. Heavy snowfall is predicted across central and northwest Tajikistan, in for northern Afghanistan, and northern Pakistan during outlook period. Therefore, a heavy snow polygon is posted.

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.