Climate Prediction Center's Central Asia Hazards Outlook
For USAID / FEWS-NET
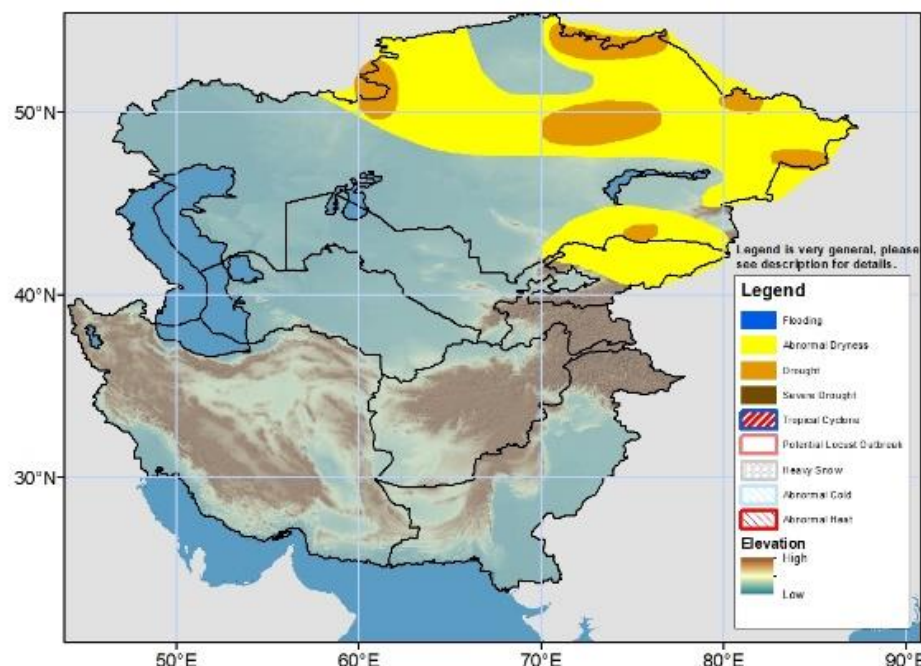## 06 October – 12 October, 2022

Temperature:

Weekly mean maximum temperatures were below normal across northern and eastern portions of Kazakhstan. Observed negative anomalies were 4-12°C. Portions of northern Iran, Turkmenistan, and eastern Afghanistan exhibited positive anomalies of 2-6°C. Maximum temperatures still exceeded 30°C for many of Afghanistan's lower elevations. Weekly average minimum temperatures were slightly below average by 2-4°C in western Kazakhstan, Turkmenistan, parts of Uzbekistan, Tajikistan and Kyrgyzstan. Minimum temperatures dipped below freezing in northern Kazakhstan and the central highlands of Afghanistan. The lowest temperatures being in north-central and far-eastern Kazakhstan.

The GEFS model forecasts warmer and above-average maximum temperature (2 to 6°C anomalies) across Kazakhstan and Kyrgyzstan, with the lesser anomalies in southwest Kazakhstan. Meanwhile, below-average maximum temperatures (anomalies between 2 to 6°C) are forecasted to the south across southern and western Afghanistan and much of Pakistan. Weekly minimum temperatures are forecast to be near freezing in eastern Kazakhstan. Sub-freezing temperatures are widely expected for Tajikistan, Kyrgyzstan, the central highlands and northeastern mountains of Afghanistan.

Precipitation:

This past week, light to moderate precipitation (2-25mm liquid equivalent) was observed along Kazakhstan's northern border. Light precipitation was observed across eastern Afghanistan and northern Pakistan as well as southern and eastern Kyrgyzstan. SPI, VHI, and soil moisture levels have decreased in the Kostanay region leading to expanded abnormal dryness and improved in the Akmola region.

The GEFS weekly ensemble mean forecasts little precipitation across the majority of the region. Light rains are possible in northern Kazakhstan. Light to moderate rain and high elevation snow is expected for northeastern Afghanistan and eastern Tajikistan. Locally heavier snowfall amounts exceeding 25mm are not out of the question in far-northeastern Afghanistan.