Climate Prediction Center's Central Asia Hazards Outlook
For USAID / FEWS-NET
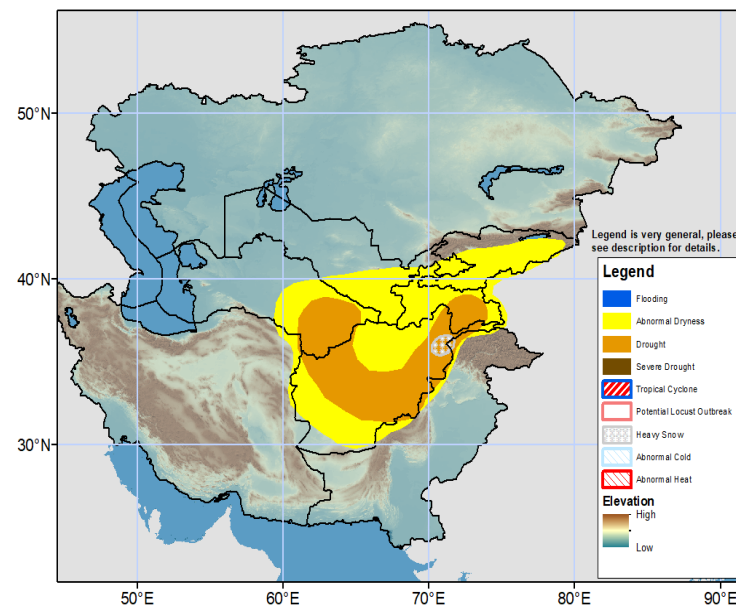## 21 April, 2022 – 27 April, 2022

Temperature:

Weekly average minimum temperatures were above normal (2 to 6 ºC) across western, southern, central, and northern Kazakhstan, Uzbekistan, central and eastern Turkmenistan, Kyrgyzstan, Tajikistan, and northern and eastern Afghanistan during 12 April, 2022 – 18 April, 2022. Weekly average maximum temperatures were above normal (6 to 12 ºC) across northern, central, eastern, and southern Kazakhstan, western and eastern Uzbekistan, Kyrgyzstan, Tajikistan, and northeast Afghanistan. Weekly average maximum temperatures were observed around 35 to 40 °C across southern Afghanistan.

The GEFS model forecasts above normal temperature (1 to 4 ºC) across western, and southern Kazakhstan, Uzbekistan, Turkmenistan, Tajikistan, Kyrgyzstan, and Afghanistan during 21 April, 2022 – 27 April, 2022. In contrast, below normal mean temperatures are forecast across northern Kazakhstan. Weekly average minimum temperatures are forecast around -10 to 0 ºC across central to eastern Tajikistan, northeast Kyrgyzstan, and northeast Afghanistan. Weekly average maximum temperatures are forecast around 35 to 40 ºC across southern regions of Afghanistan.

Precipitation:

Light to moderate precipitation was observed across northern Kyrgyzstan, southeast and northwest Kazakhstan, northeast and western Afghanistan, Turkmenistan, and western Uzbekistan during the period 12 April, 2022 – 18 April, 2022. Based on USGS snow depth and snow water equivalent (SWE) analysis, negative snow depth and SWE anomalies currently exists across eastern, central, northwest Tajikistan, central and northeast Afghanistan, and western and eastern Kyrgyzstan. This past ninety-day below-average rainfall negatively affected vegetation condition across eastern, central and southwest regions of Afghanistan and eastern Turkmenistan. Drought polygon is posted across northeast, eastern, central and southwest regions of Afghanistan, eastern Turkmenistan, and eastern Tajikistan.

The GEFS weekly ensemble mean forecasts light to moderate precipitation across Tajikistan, Kyrgystan, northeast Afghanistan, northwest, northern and eastern Kazakhstan, and northeast Uzbekistan during 21 April, 2022 – 27 April, 2022. Heavy snowfall is predicted across northeast Afghanistan 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), sub-seasonal forecasts up to 4 weeks, and assesses the potential impact of extreme events on crop and pasture conditions. Shaded polygons are added in areas where anomalous conditions have been observed and predicted to continue during the outlook period. The boundaries of these polygons are only approximate at the spatial scale of the map. This product takes into account long range seasonal climate forecasts but does not reflect current or projected food security conditions. FEWS NET is a USAID-funded activity whose purpose is to provide objective information about food security conditions. Its views are not necessarily reflective of those of USAID or the U.S. Government. The FEWS NET weather hazards outlook process and products include participation by FEWS NET field and home offices, NOAA-CPC, USGS, USDA, NASA, and a number of other national and regional organizations in the countries concerned. Questions or comments about this product may be directed to Dr. Wassila Thiaw, Head, International Desks/NOAA, wassila.thiaw@noaa.gov. Questions about the USAID FEWS NET activity may be directed to Dr. James Verdin, Program Manager, FEWS NET/USAID, jverdin@usaid.gov