

Climate Prediction Center's Central Asia Hazards Outlook For USAID / FEWS-NET 27 January, 2022 – 02 February, 2022

Temperature:

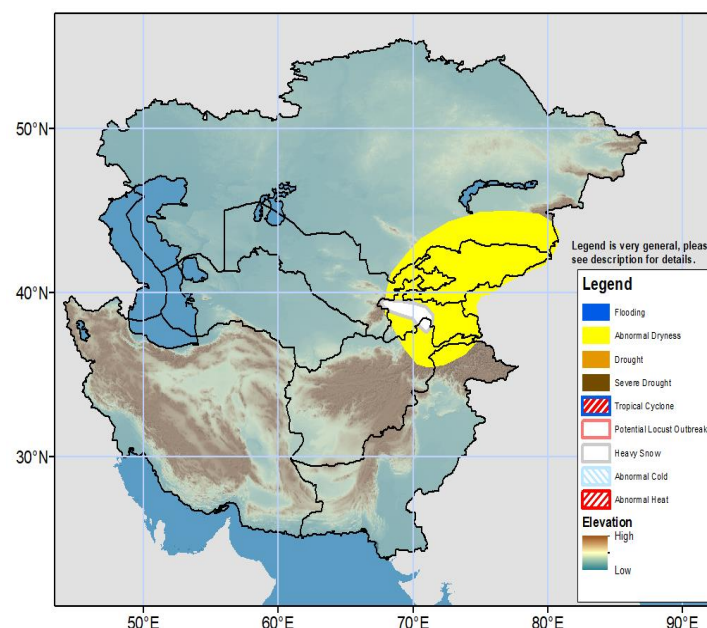
Weekly average minimum temperatures were above normal (4 to 8 °C) across southeast and eastern Kazakhstan, and southern Kyrgyzstan during 18 January, 2022 – 24 January, 2022. Minimum average temperatures were also above normal (2 to 4 °C) across southeast Afghanistan, Pakistan, and western Tajikistan. 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, western and central Uzbekistan, and central Turkmenistan.

The GEFS model forecasts above normal temperature (1 to 6 °C) across Kazakhstan, Uzbekistan, Turkmenistan, western and southern Afghanistan, and southern Pakistan during 27 January, 2022 – 02 February, 2022. In contrast, below normal mean temperature are forecast across eastern Tajikistan, southeast Kyrgyzstan and northern Pakistan. Weekly average minimum temperatures are forecast around 0 to -20 °C across Kyrgyzstan, Tajikistan, Kazakhstan, central and northeast Afghanistan, and northern Pakistan. Weekly minimum temperatures are forecast to average more than -20 °C below across eastern Tajikistan and northeast Kyrgyzstan.

Precipitation:

Heavy rainfall has triggered landslides in Khyber Pakhtunkhwa, Pakistan on 20 January 2022 resulting in 8 fatalities and infrastructures damages according to reports. Light to moderate precipitation was observed across Afghanistan, northern and northwest Pakistan, western Tajikistan, central and eastern Uzbekistan, western and eastern Turkmenistan, southern and western Kyrgyzstan, and southeast and eastern Kazakhstan during the period 18 January, 2022 – 24 January, 2022. Based on USGS snowfall and snow water equivalent (SWE) analysis, positive snow depth and SWE observed in central Afghanistan. The multiple rainfall estimates of 30-day precipitation depicts improved moisture across Afghanistan. Therefore, the current abnormal dryness hazard has been removed from western and central Afghanistan and eastern Uzbekistan region.

The GEFS weekly ensemble mean forecasts light to moderate precipitation across Tajikistan, northwest Afghanistan, Uzbekistan, northwest and southeast Kazakhstan, southern Kyrgyzstan during 27 January, 2022 – 02 February, 2022. Heavy snowfall is predicted across central and northwest Tajikistan and in for northern Afghanistan during the outlook period. Therefore, a heavy snow polygon is posted.



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.

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 Wassila.Thiaw@noaa.gov or 1-301-683-3424. Questions about the USAID FEWSNET activity may be directed to Gary Eilerts, USAID Program Manager for FEWSNET, 1-202-254-0204 or geilerts@usaid.gov.