

## Climate Prediction Center's Afghanistan Hazards Outlook 10 October – 16 October, 2024

### Temperature:

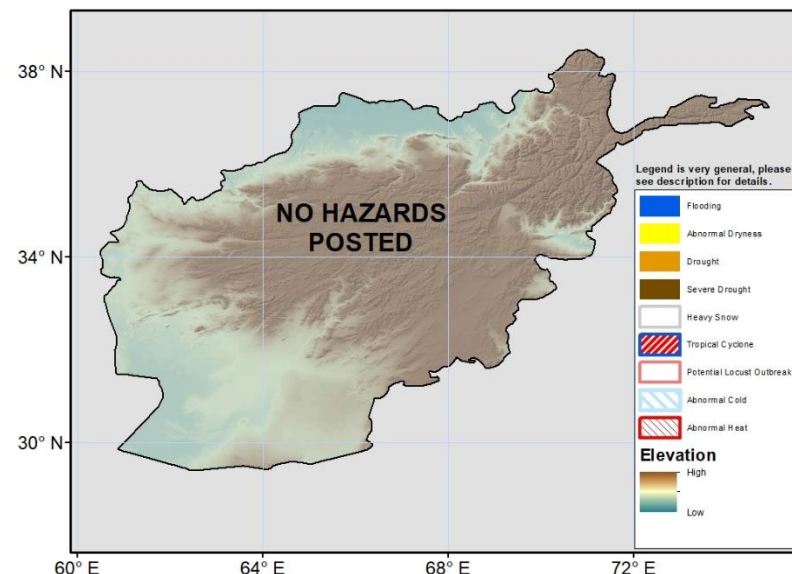
Mean maximum temperatures were above average by around 2-4°C in the southern, northern, and western regions of Afghanistan during the past 7 days and 4-8°C in the East. At the same time, some northeastern and southeastern provinces exhibited near-average temperatures. 7-day mean maximum temperatures were 35-40°C in parts of the southern provinces. 7-day mean minimum temperatures were also above average by 2°C to as much as 8°C in parts of southern Afghanistan, with smaller anomalies in the northeastern provinces. Weekly mean minimum temperatures of around 0 to 10°C were observed in central highland, central, and northeastern regions of Afghanistan.

The GEFS model forecasts near to above-average weekly mean maximum temperature with anomalies around 1 to 2°C across northeastern and southern portions of the country during the outlook period. Weekly average maximum temperature is forecasted to be 30 to 35°C for lower elevations in the South. Temperatures may only reach as high as 15°C in the Central Highlands. Weekly average minimum temperature is forecasted to be 2 to 6°C warmer than average across Afghanistan. The average minimum temperature is forecasted to be well below freezing in the Northeast.

### Precipitation:

Scattered light to moderate showers were observed across western, central, and eastern parts Afghanistan during the past 7 days. This is the first rain in quite some time for northern and western Afghanistan as we move into October. Totals were less than 10 millimeters or less. Over the past 30 days, rainfall was slightly below average in the eastern region. According to vegetation health indices, vegetation is healthy and dense in eastern and southeastern Afghanistan due to plentiful rains over the summer season. However, some parts of northern and western regions of Afghanistan exhibit degraded vegetation.

The GEFS weekly ensembles mean forecasts light to moderate rainfall in the Northeast region. 7-day totals will likely be between 5 and 25 mm. Parts of the Northeast's higher mountains are likely to receive some snow this week totaling as much as 15 mm.



**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 considers 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 several other national and regional organizations in the countries concerned.

Questions or comments about the hazard's outlooks may be directed to Dr. Wassila Thiaw, Head, International Desks/NOAA, [wassila.thiaw@noaa.gov](mailto:wassila.thiaw@noaa.gov). Questions about the USAID FEWS NET activity may be directed to Dr. James Verdin, Program Manager, FEWS NET/USAID, [jverd@usaid.gov](mailto:jverd@usaid.gov)