

Climate Prediction Center's Afghanistan Hazards Outlook 14 November – 20 November, 2024

Temperature:

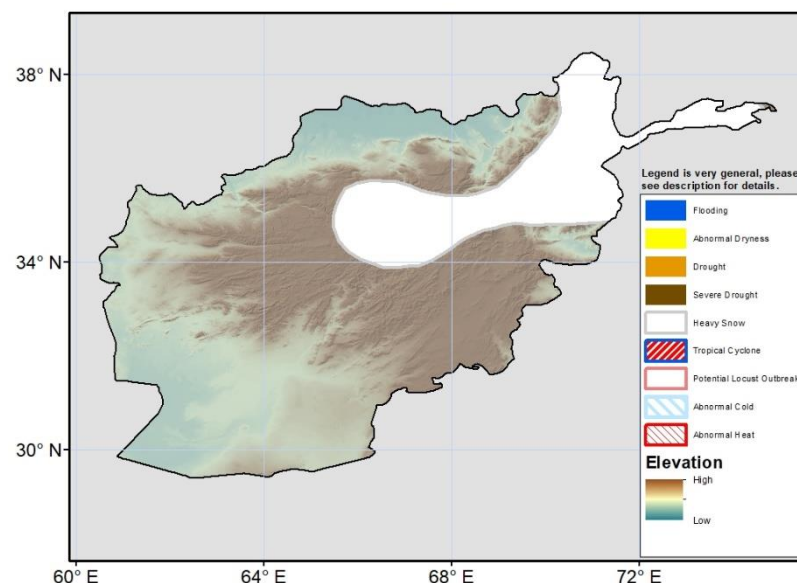
Mean maximum temperatures were above average with anomalies widely of 2-6°C and locally more than 8°C in the southern and eastern parts of Afghanistan during the past 7 days. Meanwhile, maximum temperatures were near or below average in the North and West. 7-day mean maximum temperatures were 25-35°C in the South and East. 7-day mean minimum temperatures were above average by 2-8°C in southern and northeastern areas of the country and by 8-12°C in the East. Sub-freezing mean minimum temperatures as low as -5°C were observed in the Central Highlands.

The GEFS model forecasts slightly below-average 7-day mean maximum temperature in the Northeast, North, and West regions of Afghanistan with anomalies of 1 to 2° during the outlook period. Near-average conditions are expected elsewhere. The coolest temperatures are expected early in the period. 7-day mean minimum temperature is forecasted to be 1 to 2°C warmer than average across much of Afghanistan, except some slightly cooler than normal temperatures are likely at high elevations of the Central and Northeast regions. The mean minimum temperature is forecasted to be cooler than -5°C in the Central Highlands and as cold as -25°C in the Northeast.

Precipitation:

Light precipitation was observed in parts of northern, northeastern, and eastern Afghanistan during the past 7 days. Liquid equivalent totals were 2 to 10 mm. Some of this fell in the form of snow in the northeastern mountains. The remainder of Afghanistan was dry. Over the past 30 days, rainfall was slightly below average in the eastern region and slightly above average in the Northeast region. Checking in on early-season snow depth reveals below-average snow depth in the Northeast with a small increase this past week.

The GEFS 7-day ensemble mean forecasts moderate to locally heavy precipitation in the central highlands and northeastern Afghanistan. 7-day totals will likely range from 10-25 mm in the Central Highlands to 25 -50 mm in the Northeast. The central highlands and the Northeastern mountains are likely to receive heavy snow this week, totaling 10 - 25 in the central highlands to around 40 cm in the northeast.



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. Questions about the USAID FEWS NET activity may be directed to Dr. James Verdin, Program Manager, FEWS NET/USAID, jverdind@usaid.gov