

Climate Prediction Center's Afghanistan Hazards Outlook For USAID / FEWS-NET January 9 - 15, 2019

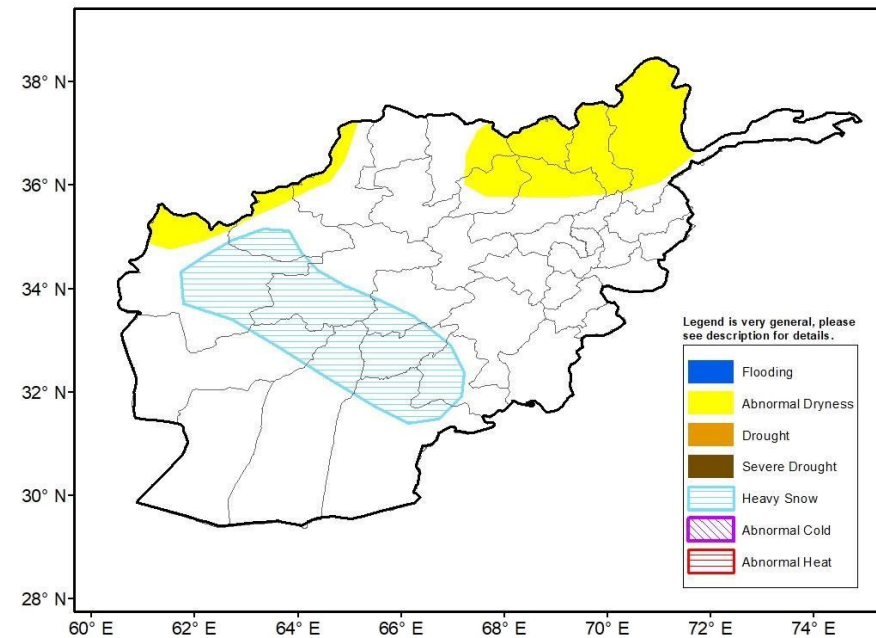
Temperatures:

During the last week, mean maximum temperatures in Afghanistan were near average. However, mean minimum temperatures were a bit above average in many cases. In many low elevation areas, the week's minimum temperatures dipped into the lower single digits or near 0°C. Temperatures were seasonably cold in the higher elevations of the country, dipping below -10°C. During the next week, below-normal temperatures are forecast over central and northeastern Afghanistan. Minimum temperature could fall below -25 degrees Celsius in central and northeast Afghanistan.

Precipitation:

Widespread moderate to heavy precipitation was observed across southern and eastern parts of the country. Liquid equivalent amounts exceeded 25mm in many cases. Both short-term and long-term rainfall deficits since November 1 are present in the north. Rainfall anomalies of 50-100mm are observed according to satellite analysis and snow water equivalent anomalies are negative in parts of the northeast. An abnormal dryness hazard is posted where negative snow water equivalent anomaly coincides with precipitation deficits.

During the next week, an upper-level trough is forecast to produce heavy snowfall over central Afghanistan toward the second half of the outlook period. A heavy snow polygon is posted over central parts of Afghanistan where heavy snowfall accumulation is forecast.



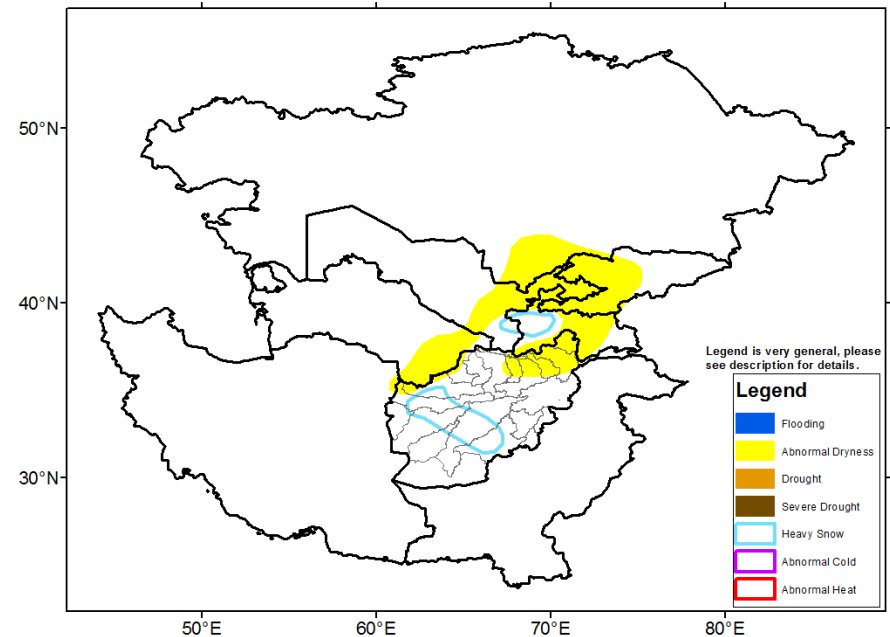
Climate Prediction Center's Central Asia Hazards Outlook January 9 - 15, 2019

Temperatures:

During the past week, above-normal temperatures spread over Central Asia. The largest warm anomalies exceeded 4 degrees Celsius, which were recorded over Turkmenistan, parts of Kazakhstan, and the low-lying areas of Afghanistan. Meanwhile, minimum temperature dipped below -20 degrees Celsius over northern Kazakhstan, Kyrgyzstan, and Tajikistan. During the next week, below-normal temperatures are forecast over central and northeastern Afghanistan and Tajikistan. In contrast, near to above-normal temperatures are expected farther north over Kazakhstan, Uzbekistan, and Turkmenistan. Minimum temperature could fall below -25 degrees Celsius in central and northeast Afghanistan and eastern Tajikistan.

Precipitation:

During the past week, widespread moderate to heavy (> 25 mm liquid equivalent) precipitation was observed across southern Afghanistan, along the border with Pakistan, and parts of Tajikistan. However, abnormal dryness is maintained over parts of Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, Turkmenistan, and Afghanistan, where short and long-term precipitation deficits and negative snow water equivalent anomalies were present. During the next week, an upper-level trough is forecast to produce heavy snowfall over central Afghanistan and western Tajikistan toward the second half of the outlook period. A heavy snow polygon is posted over parts of Afghanistan and Tajikistan, where heavy snowfall accumulation is forecast.



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 for indicate current or projected food security conditions.