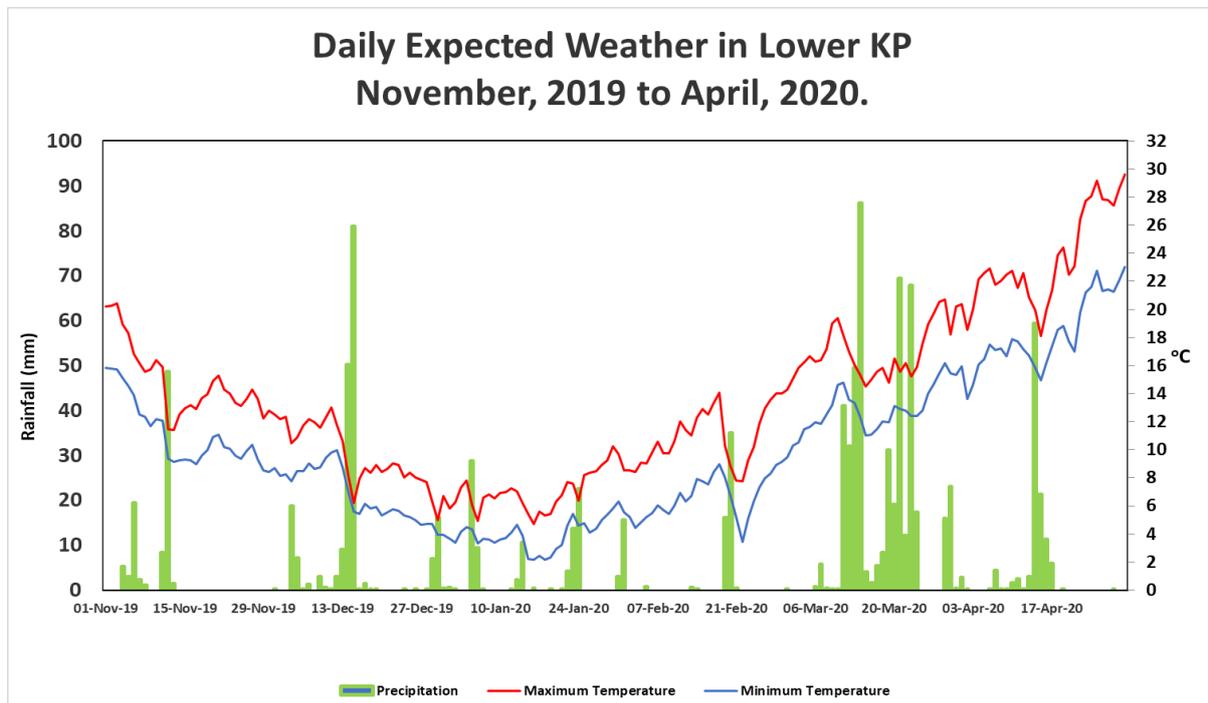




Seasonal Agro-Climate outlook for Rabi Season 2019-20

Seasonal climate outlook for Rabi season 2019-20 is based on the coupled forecast system models. The outlook is depicted in figures in terms of daily fluctuations of Maximum and Minimum Temperatures and Precipitation with a focus on major agriculture zones. The main purpose of seasonal outlook is to facilitate agriculture community for pre-planning their field activities as per expected weather conditions. Dry/ wet spells during the season as well as periods of cold-waves are highlighted. This forecast is a careful estimation of aforementioned weather parameters averaged over a specific area.

Lower Khyber Pakhtunkhwa is expected to receive several spells of light to moderate rainfalls during the Rabi season mainly during December, March as well as April. Overall more rainy days are projected during all these three months. Wheat is normally at final stages at the end of March and harvested during 2nd to 3rd decades of April. So, these rains may not be favorable for the crop in terms of dry matter production and final yield. The minimum temperature would remain between 2 to 23°C during the season, with lowest values up to 2°C in the 2nd decade of January. The maximum temperature may remain within the range of 5 to 30°C as per seasonal pattern. Due to extreme lowest both day and night temperatures, there would be negative impact on the growth of wheat crop.





Upper Khyber Pakhtunkhwa would receive consecutive spells of light to moderate rainfalls starting from December up to April. Comparatively, more rainy days are expected during the months of March and April. In most parts of this region wheat crop is normally at final stages at the end of April. So, rains during the end of this month would not be favorable for the growth of the crop. But the earlier spells in March/April may help in obtaining optimum grain formation.

The minimum temperature would remain in the range 0 to 21°C during the season, with extreme values up to 0°C in the 2nd decade of January. The maximum temperature may remain within the range of 5 to 29°C following the seasonal pattern. Due to extreme lowest both day and night temperatures, cold waves phenomena may be observed during December/January and 3rd decade of February. Consequently, the crop in the particular areas will be badly impacted.

