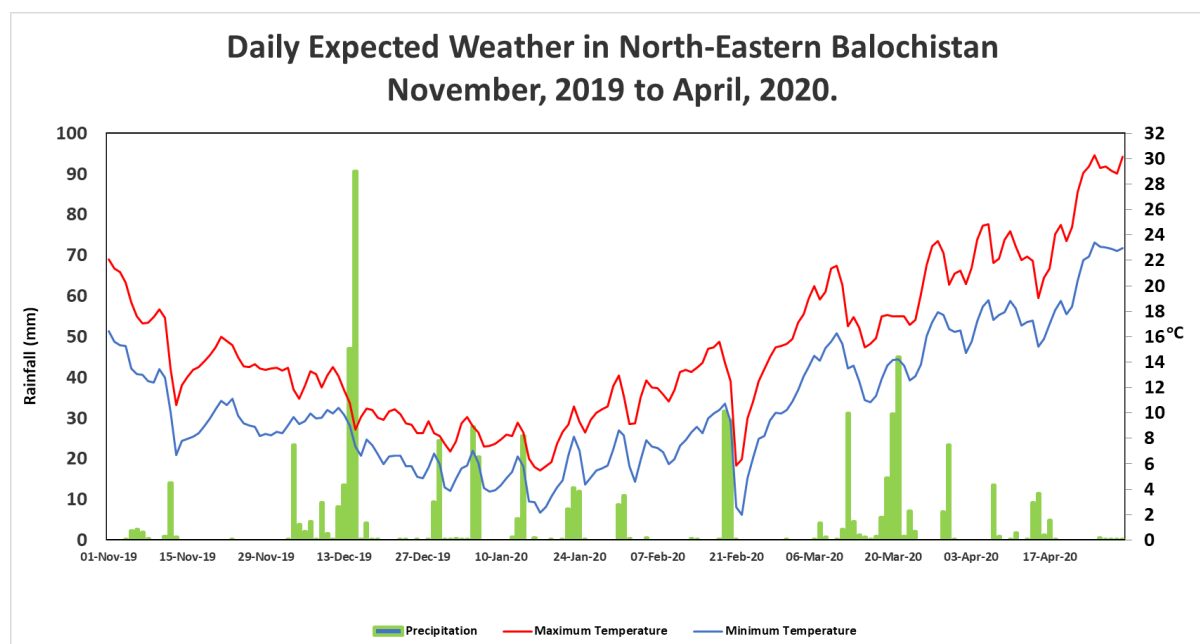


Seasonal Agro-Climate outlook for Rabi Season 2019-20

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.

North-Eastern Baluchistan may receive spells of light to moderate rainfall throughout the season however an event of significant precipitation (Rainfall/snow) may occur during the 2nd decade of December. Comparatively, more rainy days are expected during the months of December and March. At this particular time there is sowing season for the wheat crop in Quetta valley and rest of areas it is at early stages. Moreover, during March normally the wheat crop at Shooting to Heading stages. Therefore, plenty of rains during the mentioned months would impose good impact on the growth and final production of the crop.



The minimum temperature during the Rabi season is expected to be in the range of 2 - 23°C, averaged over the area, with the absolute lowest values during the 2nd decade of January and later due to rainfall effect in February. However, the maximum temperature would remain



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within the range of 7 to 30°C. It is important to note that extremely low day and night temperatures during winter would collectively affect wheat's growth.

Eastern Baluchistan would receive 3-4 spells of light to moderate rainfall during November 2019 up to April 2020 with events of heavy downpours during the 2nd decades of December and March. Following the same pattern as for northern parts of the province, more rainy days are expected during the months of December and March. Here in this area, the wheat crop during 2nd/3rd decades of March is generally at maturity stages and ready to be harvested. Accordingly, rains at this time would damage the crop's growth.

Minimum temperature during the whole season would be 5 - 27°C with extreme values during the 2nd decade of January and 3rd decade of February. Maximum temperature may remain within the range of 10 to 34°C. Both the temperatures are expected to be remained moderate throughout the whole season therefore would impose bad impact on wheat.

