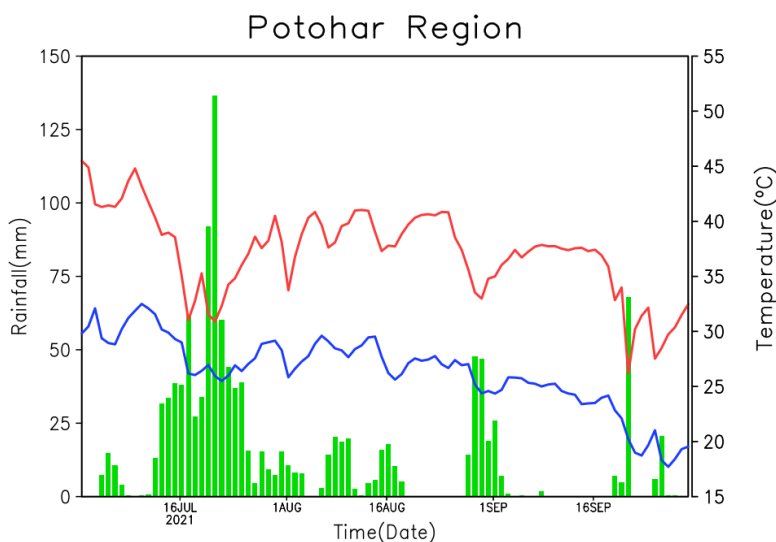


Seasonal Agro-Climat outlook for July-September 2021

Seasonal climate outlook 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 are highlighted. This forecast is a careful estimation of aforementioned weather parameters averaged over a specific area.



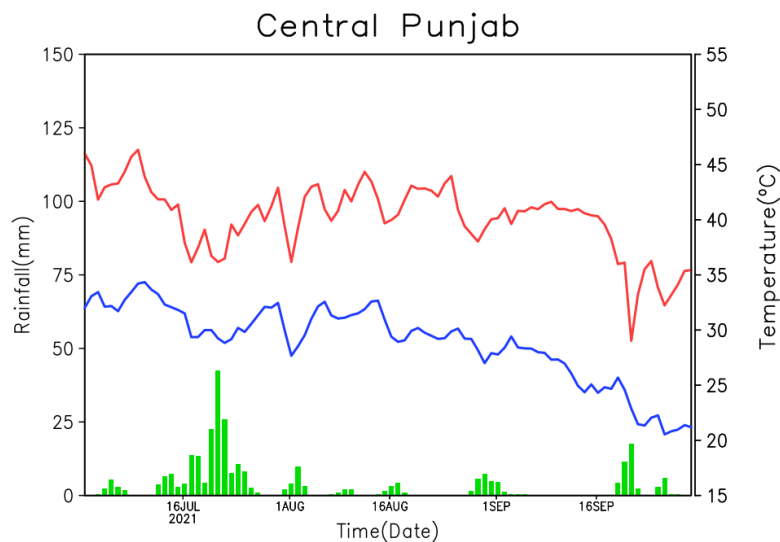
The Potohar

may receive 4-5 light to moderate rainfall spells (with few heavy downpours during the last decade of July) mainly during the mid of July till the 2nd decade of August. The expected rains would be beneficial for early growth and vegetation of the Kharif crops like Peanut and Millet/Sorghum and Maize etc.

Region

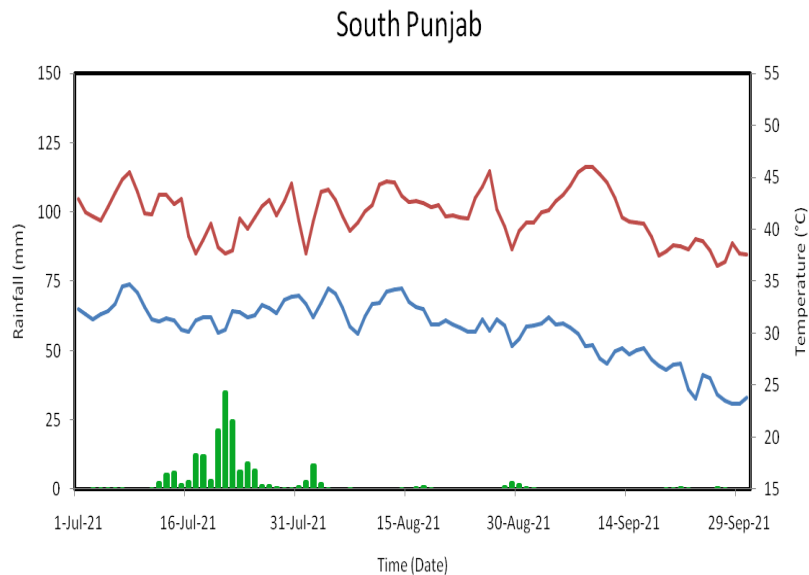
The minimum temperature may start with around 30°C, gradually decrease with seasonal change and would finally approach 17°C by the end of September. Similarly, maximum temperature may follow the similar trend within the range of 26°C to 45°C with certain variation (decreasing) after the rain spells.

Central Punjab would receive 2-3 spells of light to moderate rainfalls mainly during the 1st and 2nd decades of July. Here in this area, Cotton and Rice are the major crops besides Sugarcane etc and would be got benefitted from the expected rains. However, the consistent hot and drier period later on would increase the water demands.



The minimum temperature would start with around 32°C, slowly increase following the seasonal trend and finally reach 21°C by the end of September. In the same way, maximum temperature would follow the seasonal pattern within the range of 29°C to 46°C. Both the maximum and minimum temperatures are expected to drop down after a rainfall event in the area and then normalized gradually as per prevailing season.

Southern Punjab would receive 2-3 spells of light to moderate rainfall mainly during the 2nd decade of July till the start of August. Cotton is the major crop besides Sugarcane and Maize etc and would be got benefitted from the expected rains up to some extent. Whereas, the consistent hot and drier period afterwards would increase the water demands.



The minimum temperature would start with 32°C and following the season may approach 24°C at the end. Similarly, maximum temperature may remain with in the range 35°C to 46°C following the seasonal pattern. The consistent dry weather conditions in the region may enhance the water requirement for the standing crops.