

Highlights:

- During monsoon (Jul-Sep) season 2019 on whole country, close to normal (**0%**) rainfall was recorded. The seasonal rainfall was close to normal over Balochistan, Punjab whereas below normal over GB & KPK & AJK while above normal over Sindh.
- In, September 2019, slightly above normal (**+15%**) rainfall was recorded over country. On provincial scale, above normal rainfall was observed over Sindh, Punjab & Balochistan and below normal over AJK, Balochistan & KPK.
- In, August 2019, close to normal (**+3%**) rainfall was recorded over country and above normal rainfall was observed over GB & Sindh; blow normal over AJK & Punjab and close to normal over Balochistan & KPK.
- In July 2019, close to normal (**-8%**) rainfall was observed over country. On provincial scale, during the month of July 2019 below normal rainfall was recorded over AJK, Balochistan, GB & KPK and close to normal over Punjab whereas above normal over Sindh.

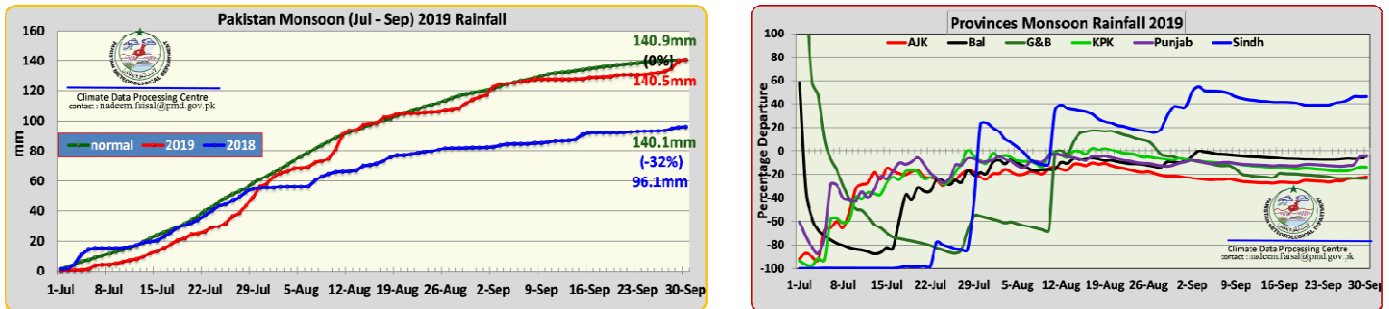


Fig-1: Seasonal cumulative rainfall over country (left) & provinces (right)

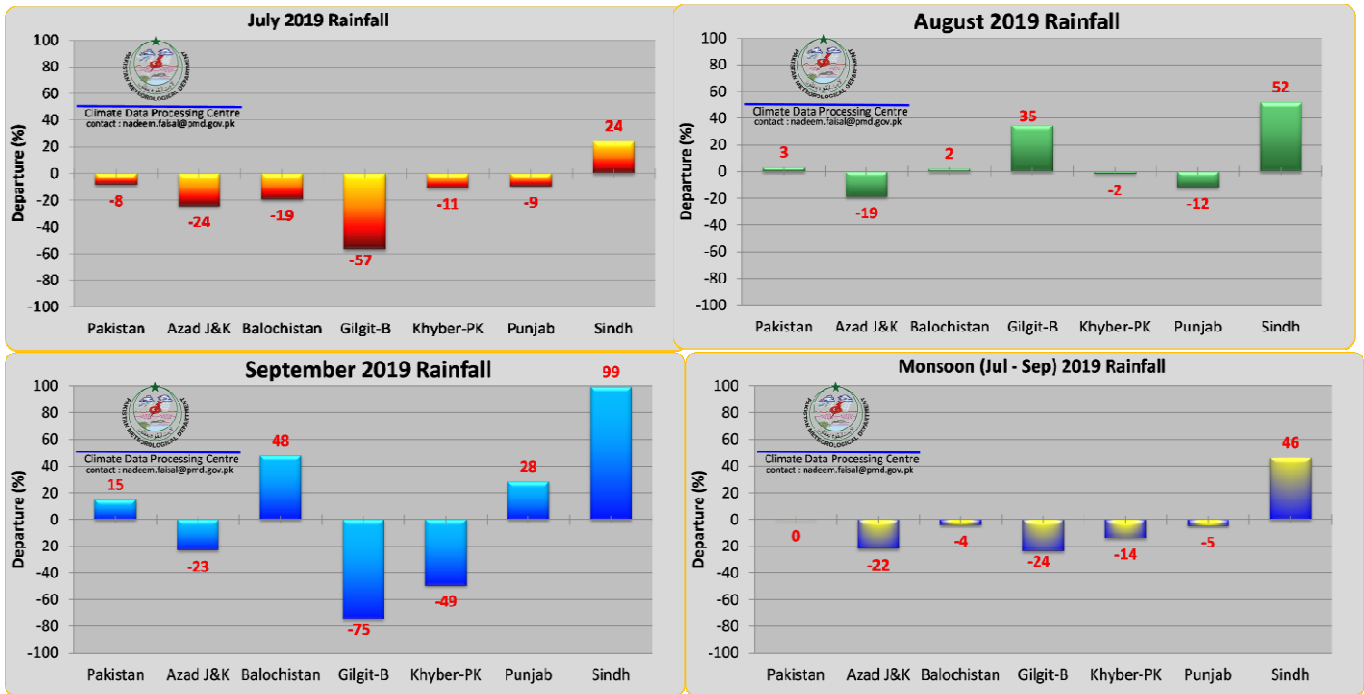


Fig-2: Country & provinces monthly and seasonal rainfall

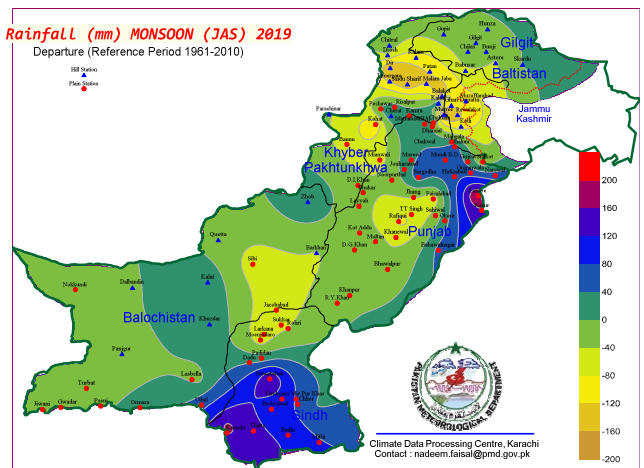
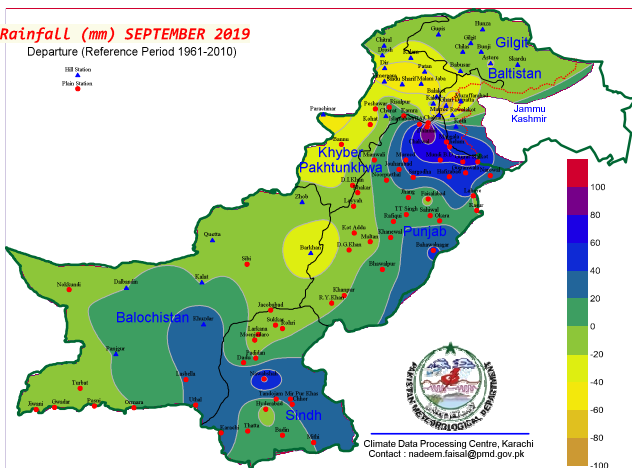
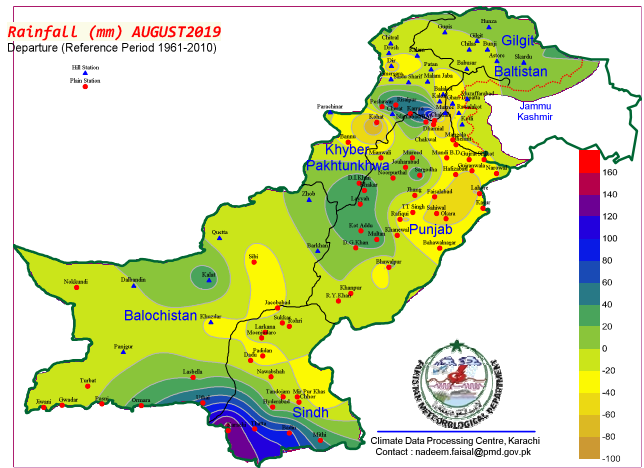
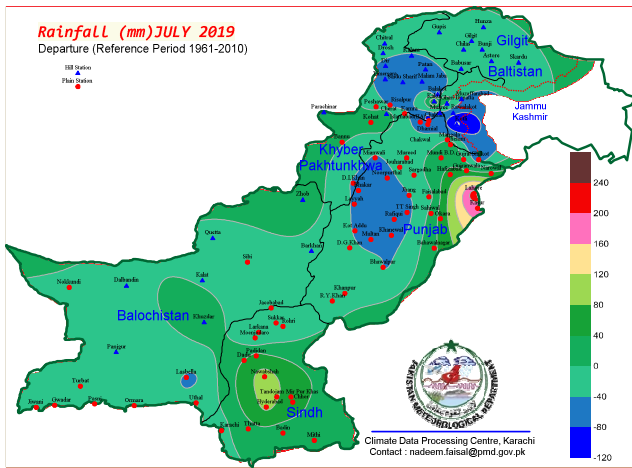


Fig-3: Spatial distribution of monthly & seasonal rainfall (departure from normal)