

Monsoon 2018 Rainfall update

CDPC / Pakistan Meteorological Department

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Highlights:

- **Below** normal (-31 %) rainfall was recorded in Monsoon (JAS) 2018 season. On regional scale, the seasonal rainfall was largely deficient over southern Pakistan region (Sindh & Balochistan) and slightly below normal elsewhere.
- During September, country rainfall was **below** normal (-35%) and below normal rainfall was observed all provinces except Balochistan where it was **above** normal.
- In August, country rainfall was **below** normal (-51%) and **below** normal rainfall was recorded over all provinces.
- In July, country rainfall was **below** normal (-12%) and was **above** normal over Punjab, KPK & GB, **below** normal over Sindh & Balochistan and **close** to normal over AJK.



Fig-1: Country season cumulative rainfall (left) & distribution of seasonal & monthly rainfall (left)

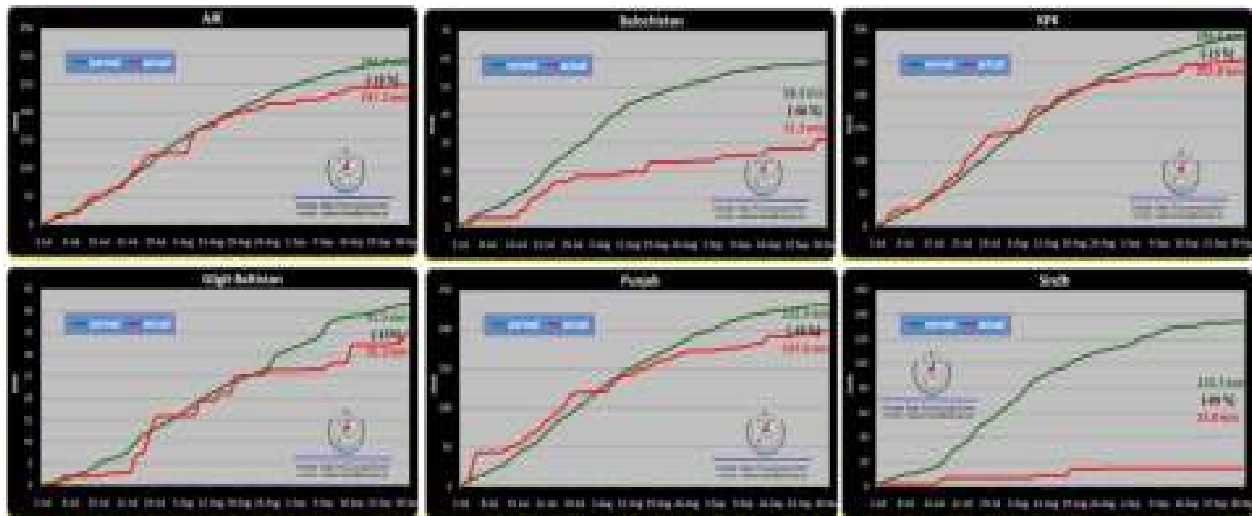


Fig-2: Provinces season cumulative rainfall

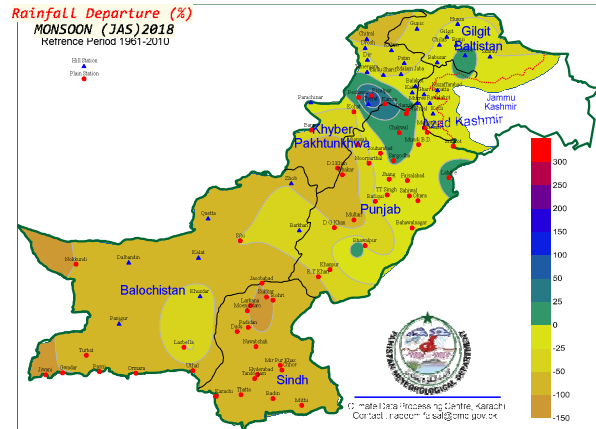
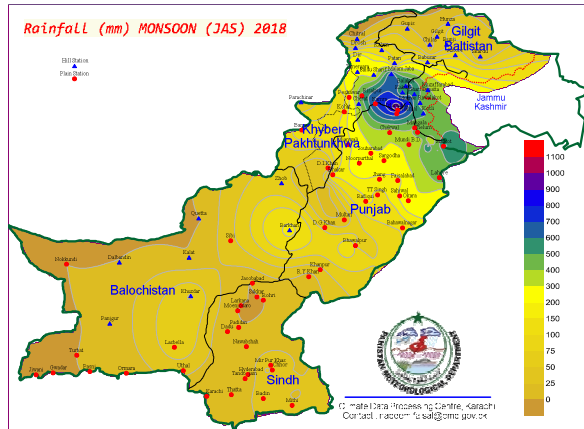


Fig-3: Spatial distribution of Monsoon season rainfall (actual & percentage departure)

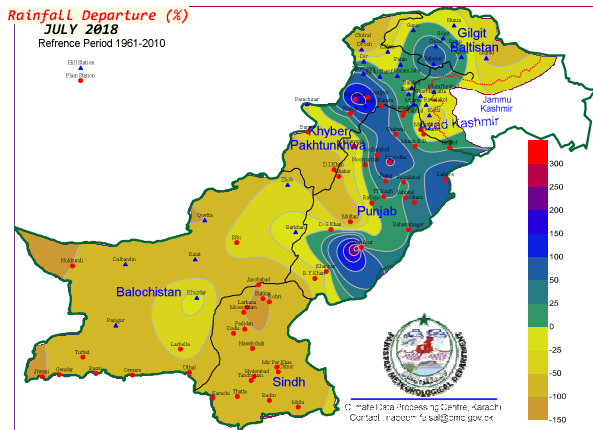
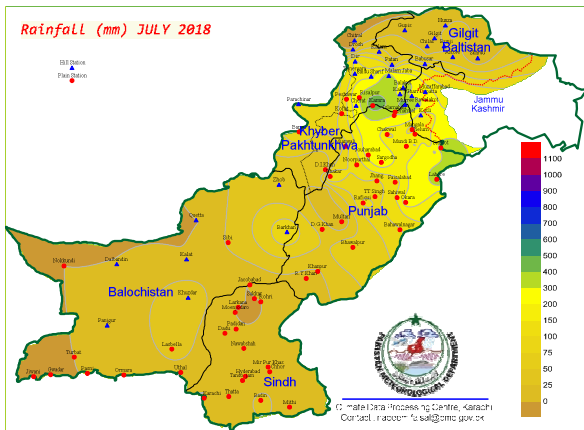


Fig-4: Spatial distribution of September rainfall (actual & percentage departure)

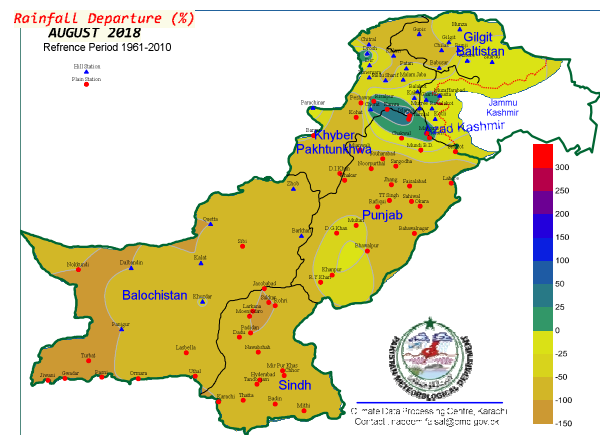
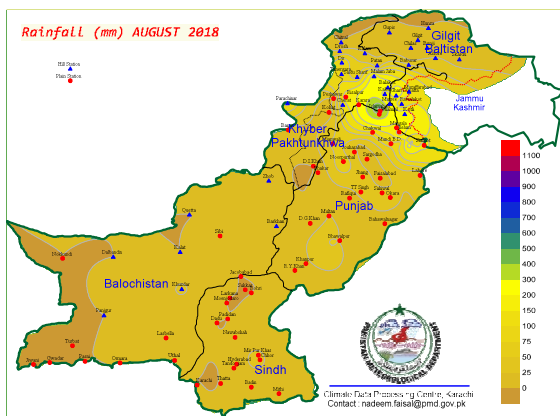


Fig-5: Spatial distribution of August rainfall (actual & percentage departure)

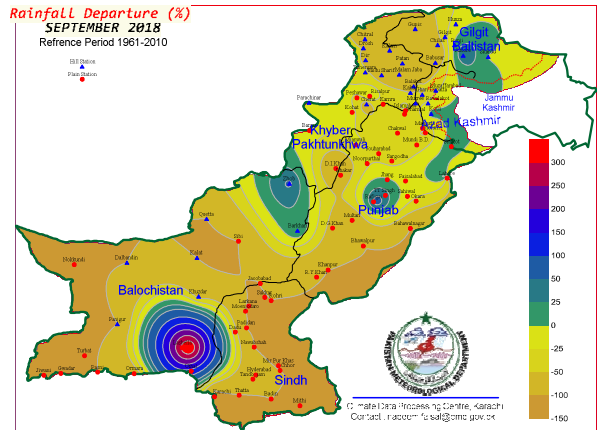
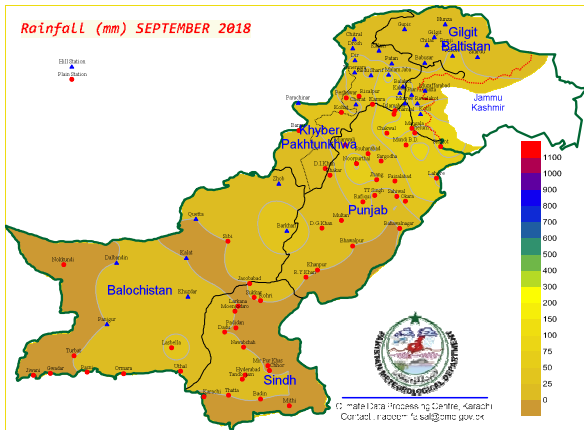


Fig-6: Spatial distribution of July rainfall (actual & percentage departure)