water

MDPI

Supplementary material

Characteristics of Winter Precipitation over Pakistan and Possible Causes during 1981–2018

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1. Figures

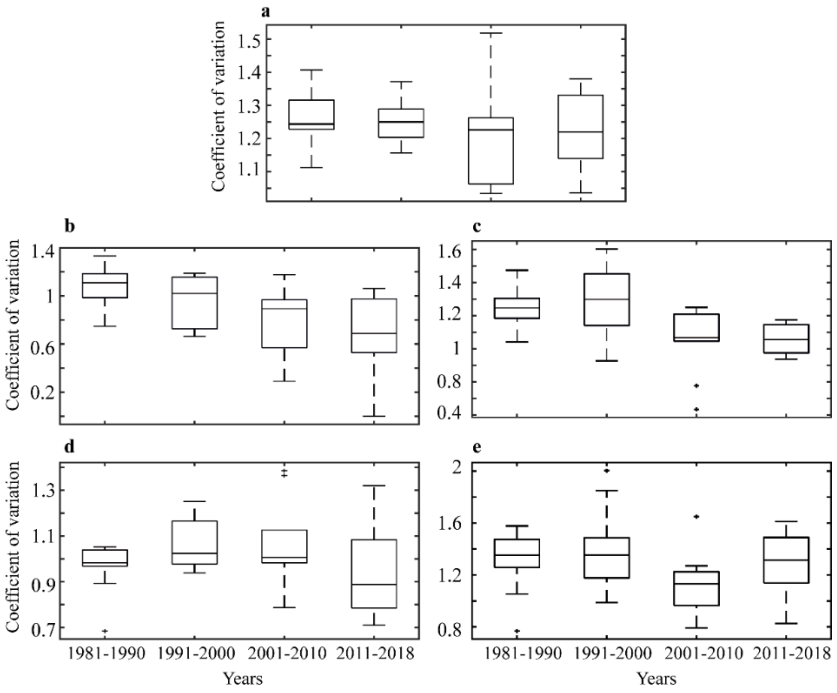


Figure S1. Box and Whisker plot of the Coefficient of variability for seasonal mean and monthly precipitation over northern Pakistan during 1981–2018: (a) Seasonal, (b) December, (c) January, (d) February, and (e) March. The box plot spans from the first quartile Q1 to the third quartile Q3, which is the interquartile range (IQR = Q3-Q1). The horizontal line inside each box is the median whereas the line extending from the boxplot in both directions are whiskers.

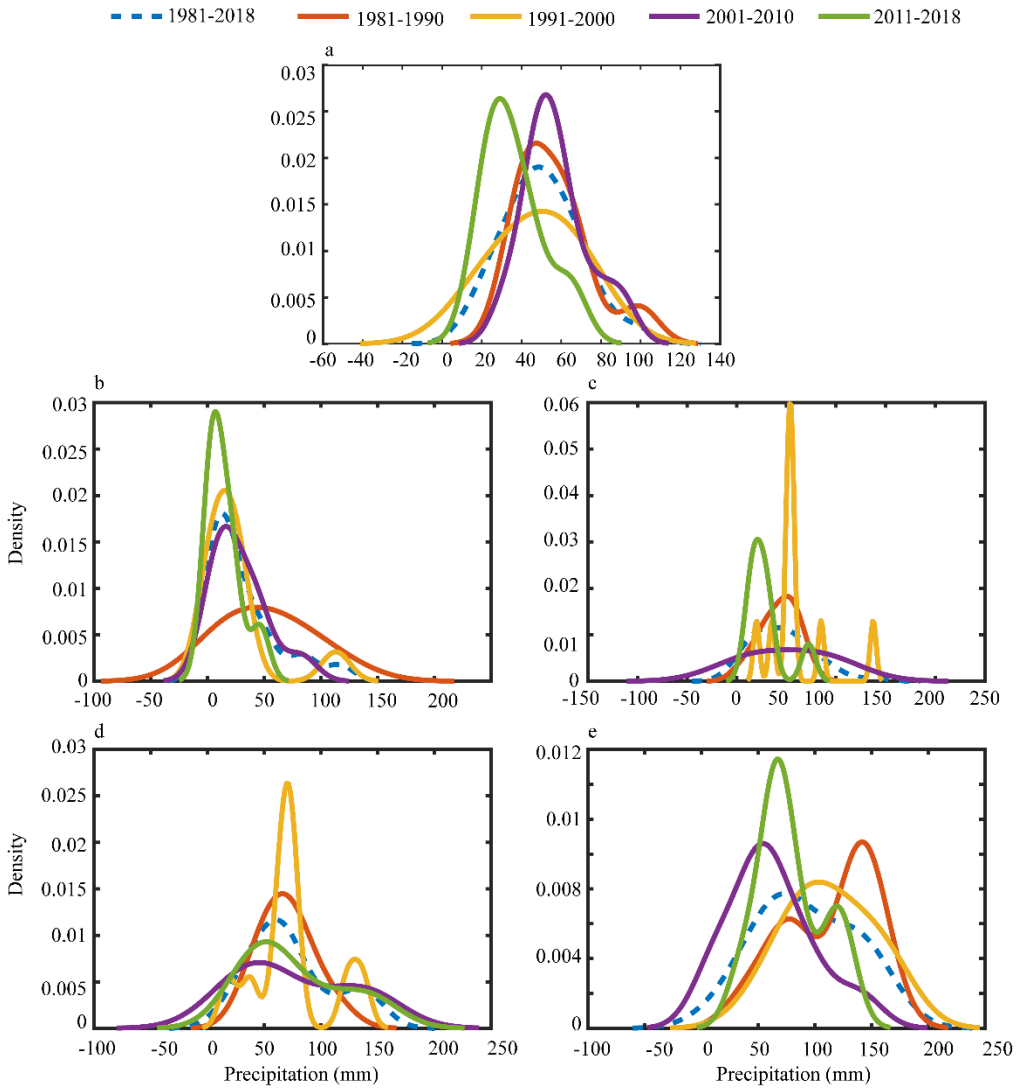


Figure S2. Kernal-based Probability density function plot of the winter precipitation at (a) seasonal mean and sub-seasonal scales (b) December, (c) January, (d) February, and (e) March over northern Pakistan during 1981–2018 and first decade; 1981–1990, second decade; 1991–2000, third decade; 2001–2010, and fourth decade; 2011–2018.

Tables

Table S1. The station description located in the northern Pakistan.

S. No	Station	Latitude	Longitude
1	ASTORE	35.33	74.85
2	BALAKOT	34.55	73.35
3	BUNJI	35.7	74.6
4	CHHOR	25.5	69.8
5	CHILAS	35.41	74.1
6	CHITRAL	35.83	71.78
7	DIR	35.2	71.9
8	DROSH	35.55	71.8
9	GARHI DOPATTA	34.23	73.61
10	GILGIT	35.9	74.3
11	GUPIS	36.23	73.44
12	KAKUL	34.18	73.25
13	MURREE	33.9	73.4
14	MUZAFFARABAD	34.36	73.47
15	SAIDU SHARIF	34.75	72.35
16	SAKARDU	35.3	75.6