

Supplementary Materials

Table S1. Statistical results of precipitation extremes in each sub-period.

Sub-Period	CDD	CWD	PRCPTOT	R10	R20	R25	R50	R95p	R99p	R × 1day	R × 5day	SDII	
T1	Max	99.9	5.4	826.9	20.0	10.8	9.0	3.3	325.3	161.3	161.8	229.9	15.6
	Min	63.2	3.2	381.6	11.8	3.3	2.1	0.2	78.7	19.4	39.8	63.5	7.0
	Mean	79.8	4.3	571.7	15.6	7.8	5.9	1.8	182.5	68.8	85.3	134.7	11.5
	Std.	10.6	0.6	107.5	2.3	2.1	1.9	0.9	57.1	36.9	28.9	40.0	2.3
T2	Max	106.5	5.0	748.3	20.7	11.2	8.4	2.9	255.8	100.2	104.5	173.0	14.6
	Min	74.7	3.1	364.9	10.5	3.7	2.0	0.2	69.4	19.2	39.3	53.8	7.2
	Mean	89.3	3.9	543.2	15.5	7.7	5.7	1.6	155.9	49.3	74.0	118.8	11.5
	Std.	9.2	0.5	103.6	2.6	2.0	1.8	0.8	42.3	20.2	19.7	29.7	2.3
T3	Max	91.5	5.2	731.9	20.1	10.0	8.0	2.8	254.6	108.6	133.0	173.5	13.7
	Min	52.2	3.1	360.9	11.0	3.2	1.9	0.0	48.8	11.0	35.6	54.1	7.1
	Mean	70.0	4.0	509.8	14.4	6.9	5.1	1.4	140.1	49.5	73.4	110.1	11.0
	Std.	10.3	0.6	106.5	2.5	2.1	1.8	0.9	53.7	28.5	26.9	34.9	2.3
T4	Max	98.6	5.3	722.0	20.9	11.6	9.2	3.4	237.0	111.0	112.9	158.8	14.3
	Min	67.4	3.1	354.5	10.5	3.3	2.1	0.1	71.8	0.0	38.0	55.9	7.4
	Mean	78.1	4.1	530.6	15.2	7.4	5.5	1.6	152.2	44.5	71.2	112.7	11.4
	Std.	7.2	0.6	89.9	2.1	2.0	1.8	0.9	45.9	25.9	21.0	29.2	2.1
T5	Max	86.4	4.6	576.8	17.7	8.8	7.0	2.1	172.8	95.0	108.2	143.7	12.5
	Min	57.9	3.2	349.2	11.0	3.4	1.9	0.0	45.7	0.0	37.0	51.7	7.3
	Mean	72.0	3.6	462.6	13.7	6.2	4.4	1.1	110.2	28.5	63.3	93.9	10.4
	Std.	7.4	0.4	65.3	1.7	1.4	1.3	0.6	31.4	22.0	17.3	23.5	1.7
T6	Max	94.2	4.8	696.9	19.3	10.6	7.7	2.8	256.7	119.7	106.5	171.1	14.3
	Min	62.7	3.3	371.3	12.1	2.7	1.6	0.1	74.9	9.9	35.4	59.2	6.9
	Mean	77.2	3.9	533.3	15.7	7.5	5.5	1.4	141.6	44.6	71.9	110.6	11.3
	Std.	8.3	0.4	82.0	1.7	1.8	1.6	0.8	45.0	24.3	21.0	28.6	2.0

Max, Min and Std. mean the maximum, minimum and standard deviation, respectively.