

Appendix 4: Precipitation

Table A4.1: Accumulated precipitation (mm) at Pauh meteorological station and results of Mann-Kendall test (Mann-Kendall τ and p -value).

Year	Month												Wet season (Oct.- May)	Dry season (Jun.- Sept.)	Annual
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.			
Average (2007- 2016)	290.3 (± 115.9)	216.7 (± 74.1)	268.5 (± 149.3)	280.3 (± 94.6)	244.1 (± 83.9)	109.6 (± 53.0)	170.6 (± 94.0)	126.6 (± 85.2)	141.2 (± 112.1)	256.1 (± 110.3)	352.7 (± 119.4)	365.0 A) (± 162.8)	1993.1 (± 392.7)	792.1 (± 220.2)	2785.2 (± 547.0)
Mann- Kendall τ	0.16 ($p=0.59$)	0.38 ($p=0.15$)	0.33 ($p=0.21$)	0.20 ($p=0.47$)	0.60 ($p < 0.05$)	-0.04 ($P = 0.93$)	-0.07 ($p = 0.86$)	-0.20 ($p = 0.47$)	-0.24 ($p = 0.37$)	-0.33 ($p = 0.21$)	0.56 ($p < 0.05$)	0.06 ($p = 0.92$)	0.02 ($p = 0.13$)	-0.02 ($p = 0.33$)	0.03 ($p = 0.65$)

A) No data for December 2012 available

Table A4.2: Average precipitation intensity index (\pm standard deviation) at Pauh meteorological station and results of Mann-Kendall test (Mann-Kendall τ and p -value).

Year	Month												Wet season (Oct.- May)	Dry season (Jun.- Sept.)	Annual
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.			
2007- 2016	15.9 (± 13.3)	17.6 (± 13.5)	17.2 (± 16.1)	22.0 (± 19.0)	21.6 (± 21.2)	13.7 (± 13.5)	18.5 (± 22.5)	15.4 (± 16.5)	17.3 (± 16.9)	17.1 (± 14.0)	24.4 (± 22.4)	23.3 (± 23.1)	20.2 (± 18.8)	16.0 (± 17.6)	19.0 (± 18.6)
Mann- Kendall τ	-0.14 ($P = 0.13$)	0.11 ($P = 0.26$)	0.16 ($P = 0.04$)	-0.09 ($P = 0.29$)	0.07 ($P = 0.40$)	-0.08 ($P = 0.40$)	0.14 ($P = 0.10$)	-0.09 ($P = 0.32$)	-0.05 ($P = 0.66$)	-0.14 ($P = 0.13$)	0.02 ($P = 0.81$)	0.06 ($P = 0.47$)	0.02 ($P = 0.59$)	-0.02 ($P = 0.71$)	0.01 ($P = 0.81$)

Table A4.3: Mean precipitation (mm) at Jambi airport meteorological station and results of Mann-Kendall test (Mann-Kendall τ and p -value) during the period 1978-2016.

Year	Month												Wet season (Oct.- May)	Dry season (Jun.- Sept.)	Annual
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.			
1978-2016	199.3 (± 85.7)	180.2 (± 79.9)	233.9 (± 82.7)	256.0 (± 90.0)	170.5 (± 64.8)	112.4 (± 64.6)	112.5 (± 81.4)	124.6 (± 92.9)	129.6 (± 86.1)	223.0 (± 105.8)	241.1 (± 98.9)	248.2 (± 86.6)	1798.2 (± 91.6)	491.7 (± 81.4)	2289.9 (± 99.9)
Mann-Kendall τ	-0.28 ($P=0.01$)	-0.08 ($P=0.51$)	-0.02 ($P=0.85$)	-0.22 ($P=0.05$)	-0.12 ($P=0.31$)	-0.08 ($P=0.51$)	0.16 ($P=0.16$)	0.10 ($P=0.38$)	-0.16 ($P=0.16$)	-0.13 ($P=0.24$)	-0.06 ($P=0.63$)	0.02 ($P=0.85$)	0.09 ($P=0.02$)	0.03 ($P=0.54$)	-0.05 ($P=0.10$)

Table A4.4: Average precipitation intensity index (\pm standard deviation) at Jambi Airport meteorological station and results of Mann-Kendall test (Mann-Kendall τ and p -value).

Year	Month												Wet season (Oct.- May)	Dry season (Jun.- Sept.)	Annual
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.			
1991-2016	11.3 (± 11.9)	13.1 (± 13.4)	16.1 (± 16.6)	14.2 (± 14.2)	12.8 (± 12.8)	11.9 (± 14.6)	15.3 (± 18.2)	13.7 (± 15.5)	11.1 (± 12.0)	14.7 (± 12.4)	14.4 (± 13.0)	15.7 (± 15.0)	14.0 (± 13.8)	13.0 (± 15.2)	13.8 (± 14.2)
Mann-Kendall τ	-0.01 ($P=0.79$)	0.05 ($P=0.34$)	-0.13 ($P<0.01$)	0.02 ($P=0.74$)	-0.03 ($P=0.54$)	-0.08 ($P=0.18$)	-0.04 ($P=0.54$)	0.01 ($P=0.92$)	-0.05 ($P=0.44$)	-0.03 ($P=0.57$)	-0.05 ($P=0.36$)	-0.03 ($P=0.56$)	0.05 ($P=0.01$)	0.0 ($P=0.96$)	-0.03 ($P=0.06$)